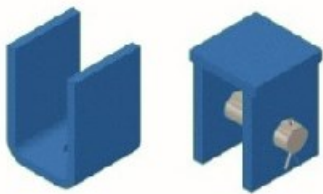




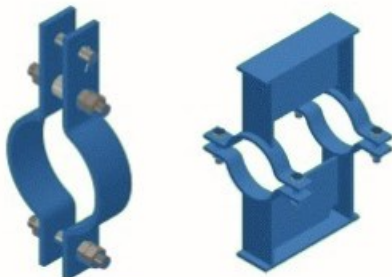
ANCILLARY COMPONENTS



BEAM ATTACHMENTS



RODS & CONNECTORS



PIPE ATTACHMENTS



STEELWORK FABRICATIONS

ANCILLARY COMPONENTS

C&P USA provide a wide range of Ancillary equipment.

Ancillaries are divided into 4 categories:

1. Beam Attachments
2. Rods & Connectors
3. Pipe Attachments
4. Steelwork Fabrication

STANDARD CODE OF PRACTICE

All piping systems shall be supported by means of supports satisfactory to the designing engineer and having an individual means of vertical adjustment for levelling of lines after piping is in place.

Adjustable hanger supports will be provided with either turnbuckle integral with sling rod assembly or threaded rod passing through support structure with rocker washer and nuts.

Roll Supports may be used on piping where there is longitudinal movement due to temperature changes. Pipe Covering Protection Saddles should be used on steam supply and return piping with a roll of sufficient size to take the saddle.

Supports to be spaced so as to prevent sag of the pipe and to ensure proper drainage of the pipe line.

Variable Spring Supports shall be located at points that are subjected to vertical thermal movement and where a variation in load up to 25% is allowable.

Constant Support Hangers shall be installed where the piping is subjected to vertical movement and where minimum variation in supporting force is required.

The following conditions are desirable.

The sum of the pipeline weights must equal the sum of the supporting forces.

b) The sum of the moments of piping weight at their center of gravity and the supporting forces shall be equal to zero.

c) Constant Support Hangers must be calibrated to support the calculated load of the piping system.

Vibration Controls shall be instilled in flexible lines where required to dampen vibration or lateral movement.

Anchors shall be installed to permit the line to take up its expansion and contraction freely in opposite directions away from the anchored point and shall be so designed for the particular location and loading conditions.

Where Expansion Joints are used Pipe Guides shall

MAXIMUM RECOMMENDED SPACING FOR PIPE SUPPORTS ON STANDARD WEIGHT HORIZONTAL PIPE

Nominal Pipe Size	in	1/2"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
Span (Water Service)	ft	7'	7'	9'	10'	12'	14'	17'	19'	22'	23'	25'	27'	28'	30'	32'
Span (Vapor Service)	ft	8'	9'	12'	13'	15'	17'	21'	24'	26'	30'	32'	35'	37'	39'	42'

HANGER ROD AND PIN SIZES

Size Designation		1	2	3	4	6	7	9	10	11	12	13	14	15	16	17
Maximum Loading	lbs	840	1230	2290	3590	5200	8270	12040	16490	21600	29900	39500	50100	63100	79400	98500
Rod Size / Nominal Pin Size	in	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"	4"
Pin Size Exact	in	0.39"	0.47"	0.63"	0.79"	0.94"	1.18"	1.42"	1.65"	1.89"	2.2"	2.52"	2.83"	3.15"	3.54"	3.94"
	mm	10	12	16	20	24	30	36	42	48	56	64	72	80	90	100

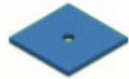
Thread form UNC unless otherwise specified

PICTORIAL INDEX - ANCILLARY ITEMS

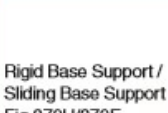
BEAM ATTACHMENTS

 Beam Clamp Fig 15 Page 4	 Beam Welding Attachment Fig 113A Page 4	 Beam Welding Attachment Fig 113B Page 5	 Welding Lug Fig 114 Page 5
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RODS & CONNECTORS

 Machine Thread Rod Fig 133 Page 6	 All Thread Hanger Rod Fig 94 Page 6	 Steel Hexagon Nut / Steel Round Washer Fig 165, 103 Page 7	 Steel Square Plate Fig 102 Page 7	 Hemispherical Washer Fig 317 Page 8	 Dual Faced Rocking Washer, Flat Washer Fig 320, 321 Page 8
 Turnbuckle (Forged) Fig 132 Page 9	 Steel Turnbuckle Fig 132P Page 9	 Steel Clevis Fig 276P Page 10	 Weldless Eye Nut (Bow) - Left Hand / Right Hand Thread Fig 279L, 279R Page 10	 Composite Eye Rod Fig 395 Page 11	
 Steel Rod Coupling R H Thread Fig 123 Page 11					

PIPE ATTACHMENTS

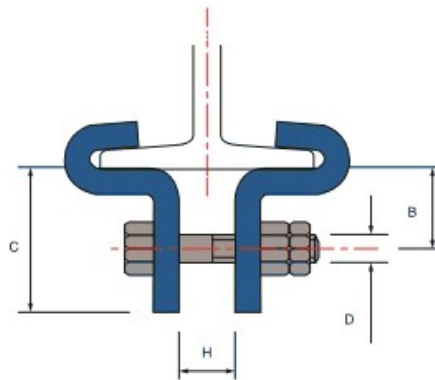
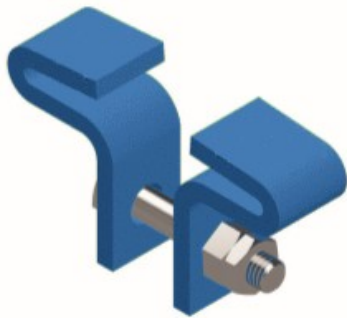
 2 Bolt Pipe Clamp Fig 175, 298 Page 12	 3 Bolt Pipe Clamp Fig 304, 91 Page 13	 Saddle Guide / Anchor Fig 319/319A Page 33	 U Bolt Fig 283U Page 34	 Adjustable Pipe Support Fig 101 Page 35	 Pipe Roll Fig 67 Page 35
 Steel Chair and Roller Fig 39 Page 36	 Adjustable Steel Chair and Roll Fig 40 Page 36	 Anchor Chair Fig 127 (20-90) Page 36	 Anchor Chair Fig 127 (100-600) Page 36	 Elbow Hanger (SRWE) Fig 337A Page 37	 Elbow Hanger (LRWE) Fig 337B Page 37
 Pipe Covering Protection Saddles Fig 186 Page 38	 Base Anchor Fig 375 Page 39	 Rigid Base Support / Sliding Base Support Fig 379H/379E, 380H/380E Page 39	 Sliding Support Welded Type Fig 381 Page 40	 Sliding Guide Welded Type Fig 382 Page 40	
 Clamp Base 1/2/3/4 Way Fig 384ABCD Page 41	 Riser Clamps Fig 128 Page 49	 Flat Plate Riser Clamp Fig 129 Page 56	 Flat Plate Riser Clamp Fig 130 Page 83		

STEELWORK FABRICATIONS

 Welded Trapeze Beam Fabrication Fig 400 Page 110	 Trapeze Beam Fig 401 Page 111
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ANCILLARY COMPONENTS - BEAM ATTACHMENTS

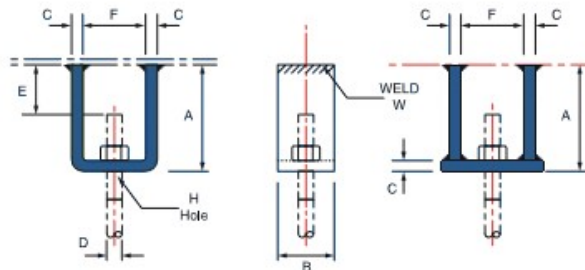
BEAM CLAMP - FIG. 15



Material: Carbon Steel.
When ordering specify:
 Figure No.
 Size
 Beam Flange Width A
 Beam Flange Thickness

Size	A	B	C	D	H	Material Size	Max Load (lbs)
1	3" - 8"	1 3/16	1 3/4	0.47" (M12)	5/8	1 3/16 x 1/4	710
2	3" - 8"	1 3/4	2 3/8	0.47" (M12)	13/16	1 9/16 x 3/8	880
3	3" - 8"	1 3/4	2 3/4	0.63" (M16)	13/16	1 15/16 x 3/8	990
4	3" - 10"	1 15/16	3 1/8	0.79" (M20)	15/16	1 15/16 x 1/2	1500

BEAM WELDING ATTACHMENT - FIG 113A

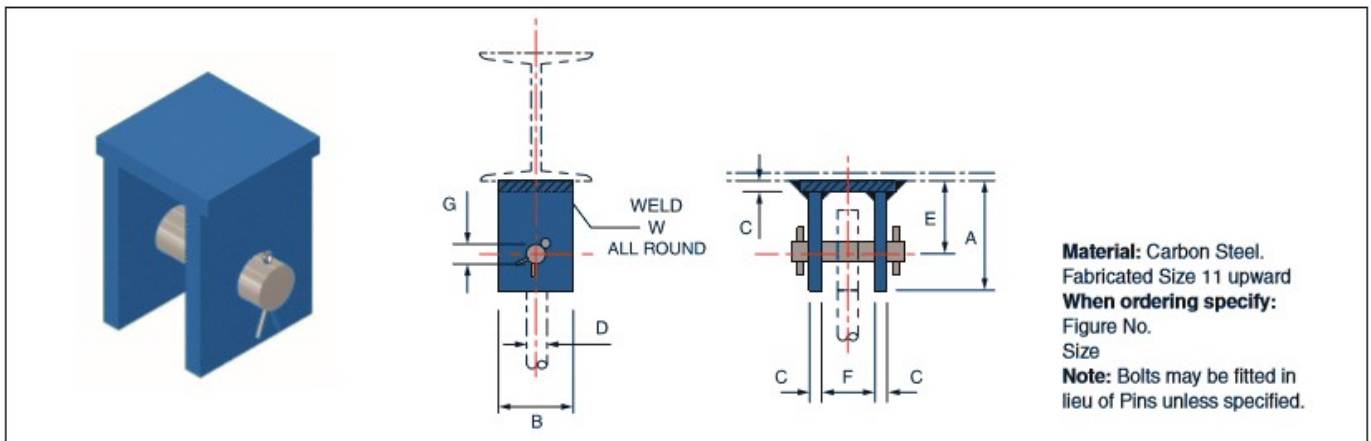


Material: Carbon Steel.
 Fabricated Size 10 upward
When ordering specify:
 Figure No.
 Size

Size	Rod D	A	BxC	E	F	H	Min Weld W	Max Load (lbs)
1	3/8	2 15/16	1 15/16 x 1/4	1 3/16	1 9/16	7/16	1/8	840
2	1/2	2 15/16	1 15/16 x 1/4	1 3/16	1 9/16	9/16	1/8	1230
3	5/8	3 3/8	3 1/8 x 3/8	1 3/16	2 3/8	11/16	3/16	2290
4	3/4	3 3/8	3 1/8 x 3/8	1 3/16	2 3/4	7/8	3/16	3590
6	1	4 1/2	3 15/16 x 1/2	1 9/16	2 15/16	1 1/8	3/16	5200
7	1 1/4	4 3/4	3 15/16 x 9/16	1 9/16	4 5/16	1 3/8	1/4	8270
9	1 1/2	6 1/2	5 7/8 x 9/16	2 3/8	4 3/4	1 5/8	1/4	12040
10	1 3/4	7 7/8	5 7/8 x 13/16	2 3/4	5 1/2	1 7/8	1/4	16490
11	2	8 1/4	5 7/8 x 1	2 3/4	6 7/8	2 1/8	5/16	21650
12	2 1/4	9 7/16	7 1/16 x 1	3 3/8	7 5/16	2 7/16	5/16	29890
13	2 1/2	9 13/16	7 1/16 x 1 3/16	3 3/8	8 11/16	2 11/16	5/16	39460
14	2 3/4	10 1/4	7 7/8 x 1 3/16	3 3/8	9 1/16	2 15/16	5/16	50130

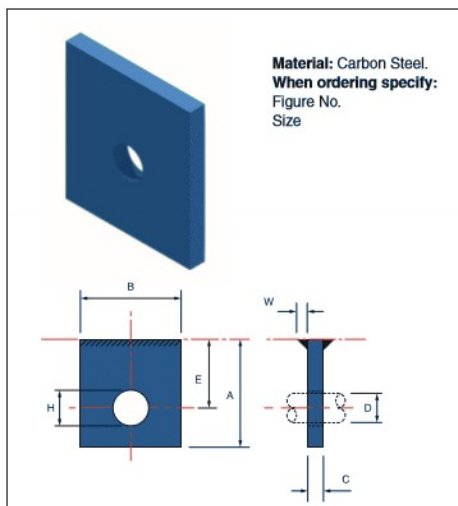
ANCILLARY COMPONENTS - BEAM ATTACHMENTS

BEAM WELDING ATTACHMENT - FIG. 113B



Size	A	BxC	D	E	F	Pin GxN	Min Weld W	S/Pin Size	Hole H	Max Load (lbs)
1	1 15/16	1 15/16 x 1/4	3/8	1 3/16	1 3/16	0.39" x 2 1/4	1/8	1/8	1/2	840
2	2 9/16	1 15/16 x 1/4	1/2	1 9/16	1 3/16	0.47" x 2 1/4	1/8	1/8	9/16	1230
3	2 3/4	1 15/16 x 1/4	5/8	1 3/4	1 3/16	0.63" x 2 1/4	1/8	1/8	11/16	2290
4	3 3/8	3 1/8 x 3/8	3/4	2 3/16	1 3/8	0.79" x 2 3/4	3/16	1/8	7/8	3590
6	4 5/16	3 1/8 x 3/8	1	2 3/4	1 9/16	0.94" x 3 1/4	3/16	1/8	1	5200
7	4 15/16	3 15/16 x 1/2	1 1/4	3 1/8	1 15/16	1.18" x 4	3/16	3/16	1 1/4	8270
9	6 5/16	5 1/8 x 9/16	1 1/2	3 15/16	2 3/4	1.42" x 5	3/16	3/16	1 9/16	12040
10	7 1/16	5 1/8 x 9/16	1 3/4	4 5/16	3 9/16	1.65" x 5 1/2	1/4	3/16	1 3/4	16490
11	8 1/4	5 7/8 x 13/16	2	5 1/8	3 9/16	1.89" x 6 1/4	1/4	3/16	2	21650
12	9 1/4	7 1/16 x 13/16	2 1/4	5 11/16	3 15/16	2.2" x 6 3/4	5/16	3/16	2 3/8	29890
13	10 1/16	7 7/8 x 13/16	2 1/2	6 5/16	4 5/16	2.52" x 7	5/16	5/16	2 11/16	39460
14	11	8 11/16 x 1	2 3/4	7 1/16	4 3/4	2.83" x 7 3/4	5/16	5/16	3	50130
15	11 13/16	9 13/16 x 1	3	7 7/8	5 1/8	3.15" x 8 3/4	3/8	5/16	3 5/16	63050
16	13 3/16	11 13/16 x 1 3/16	3 1/2	8 11/16	5 1/2	3.54" x 9 1/2	3/8	3/8	3 11/16	79370
17	14 3/4	11 13/16 x 1 9/16	4	10 1/4	5 7/8	3.94" x 11	3/8	3/8	4 1/8	98550

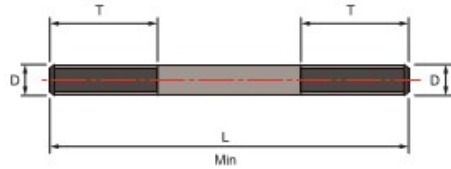
WELDING LUG - FIG. 114



Size	A	BxC	D Pin / Bolt	E	H	Min Weld W	Max load (lbs)
1	2 3/16	1 15/16 x 1/4	0.39"	1 3/16	1/2	1/8	840
2	2 9/16	1 15/16 x 1/4	0.47"	1 9/16	9/16	1/8	1230
3	2 15/16	1 15/16 x 1/4	0.63"	1 15/16	11/16	1/8	2290
4	3 9/16	3 1/8 x 3/8	0.79"	2 3/8	7/8	3/16	3590
6	4 1/2	3 1/8 x 3/8	0.94"	3 1/8	1	3/16	5200
7	5 5/16	3 15/16 x 1/2	1.18"	3 9/16	1 1/4	1/4	8270
9	6 7/8	5 1/8 x 9/16	1.42"	4 5/16	1 9/16	1/4	12040
10	7 7/8	5 1/8 x 9/16	1.65"	5 1/8	1 3/4	5/16	16490
11	9 1/4	5 7/8 x 13/16	1.89"	5 7/8	2	5/16	21650
12	10 1/4	7 1/16 x 13/16	2.2"	6 11/16	2 3/8	3/8	29890
13	11 5/8	7 7/8 x 13/16	2.52"	7 7/8	2 11/16	3/8	39460
14	12 13/16	8 11/16 x 1	2.83"	8 11/16	3	1/2	50130
15	13 3/8	9 13/16 x 1	3.15"	9 7/16	3 5/16	1/2	63050
16	15 3/16	11 13/16 x 1 3/16	3.54"	10 5/8	3 11/16	1/2	79370
17	16 5/16	11 13/16 x 1 9/16	3.94"	11 13/16	4 1/8	1/2	98550

ANCILLARY COMPONENTS - RODS & CONNECTORS

MACHINE THREAD ROD - FIG. 133

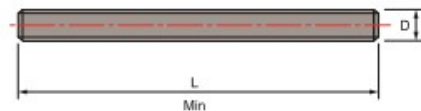


Material: Carbon Steel:
For any rods ordered with machine threads longer than the standard length shown, or with Left Hand threads, there may be an additional charge. Larger sizes available on request.

When ordering specify:
Figure No.
Size
Length L and Thread T if not standard

Size	1	2	3	4	6	7	9	10	11	12	13	14	15	16
Thread D	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"
T	6 7/8	7 5/16	7 1/2	7 7/8	8 1/16	8 7/8	9 1/4	9 13/16	10 7/16	11	11 13/16	12 5/8	14 3/16	15 3/4
L Min	15 3/4	16 15/16	17 5/16	18 1/2	20 1/16	21 5/8	22 7/16	25 9/16	26 3/4	27 15/16	29 1/2	31 1/8	34 1/4	37 3/8
Max Load (lbs)	840	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130	63050	79370

ALL THREAD HANGER ROD - FIG. 94



Material: Carbon Steel.
Supplied in 1-2 and 3 metre lengths only. Self coloured.
For available lengths of galvanised rods see table.
Large Diameters available on request.

When ordering specify:
Figure No.
Size

Size	1	2	3	4	6	7	9	10	11	12	13	14	15	16
Thread D	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"
Max Load (lbs)	840	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130	63050	79370

Available Lengths Galvanised Rods (in)

L Max	39	59	78	78	78	78	78	78	78	78	78	78	78	78
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ANCILLARY COMPONENTS - RODS & CONNECTORS

STEEL HEX NUT / STEEL ROUND WASHER - FIG. 165, FIG 103



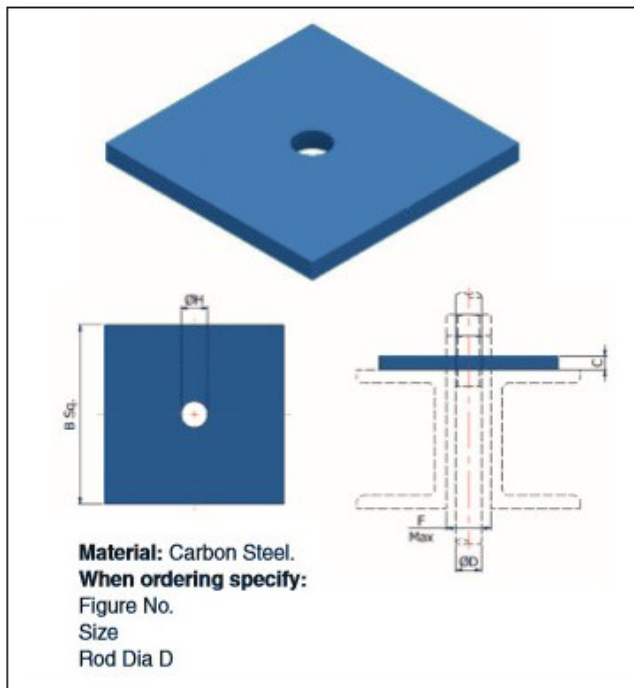
FIG 165 - STEEL HEXAGON NUT

Size D	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/2
A	7/16	9/16	3/4	15/16	1 1/8	1 5/16	1 1/2	1 11/16	1 7/8	2 1/16	2 1/4	2 5/8	3	3 3/8	3 3/4	4 1/8	4 1/2	5 3/8
B	7/32	21/64	7/16	35/64	41/64	3/4	55/64	31/32	1 1/16	1 11/64	1 9/32	1 1/2	1 23/32	1 59/64	2 9/64	2 23/64	2 37/64	3 7/16

FIG 103 - STEEL ROUND WASHER

E	0.051	0.051	0.097	0.122	0.122	0.136	0.136	0.136	0.136	0.136	0.136	0.178	0.178	0.24	0.24	0.24	0.24	0.24
F	0.625	0.813	1.063	1.313	1.468	1.75	2	2.25	2.5	2.75	3	3.375	3.75	4	4.5	5	5.5	6.5

STEEL SQUARE PLATE - FIG. 102



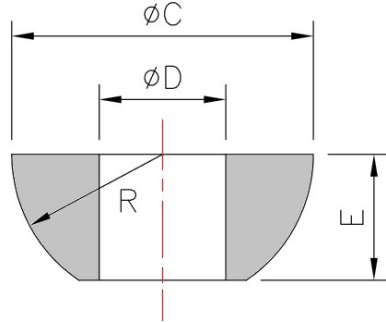
Size	Rod D	B Sq.	C	Max F	H	Max Load (lbs)
1	3/8	3 1/8	1/4	9/16	1/2	840
2	1/2	3 1/8	1/4	11/16	5/8	1230
3	5/8	3 1/8	3/8	7/8	3/4	2290
4	3/4	3 15/16	3/8	1	7/8	3590
6	1	3 15/16	1/2	1 1/4	1 1/8	5200
7	1 1/4	3 15/16	9/16	1 1/2	1 3/8	8270
9	1 1/2	5 1/8	9/16	1 7/8	1 5/8	12040
10	1 3/4	5 1/8	13/16	2 1/8	1 7/8	16490
11	2	5 1/8	13/16	2 1/2	2 3/16	21650
12	2 1/4	5 7/8	13/16	2 3/4	2 7/16	29890
13	2 1/2	7 7/8	1 3/16	3 1/16	2 11/16	39460
14	2 3/4	7 7/8	1 3/16	3 5/8	3	50130
15	3	9 13/16	1 3/16	4 5/16	3 1/4	63050
16	3 1/2	11 13/16	1 9/16	4 3/4	3 3/4	79370
17	4	11 13/16	1 9/16	5 1/2	4 1/4	98550

HEMISPHERICAL WASHER - FIG. 317



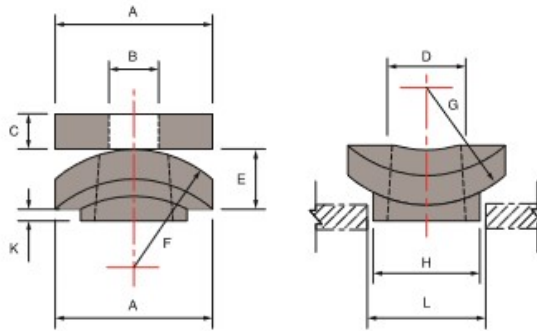
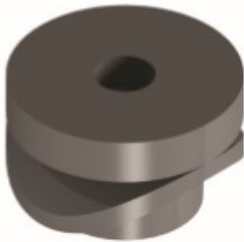
Material: Malleable Iron up to and including 1 1/4" BS6681W40-05. Alternative Carbon Steel 1 1/2" upwards.

When ordering specify:
Figure No.
Rod Diameter



Size	Rod Size	C	D	E	R	Max Load (lbs)
1	3/8	1	1/2	1/2	1/2	840
2	1/2	1 1/8	9/16	1/2	9/16	1230
3	5/8	1 5/16	11/16	5/8	11/16	2290
4	3/4	1 3/4	7/8	3/4	7/8	3590
6	1	2 1/4	1 1/16	1	1 1/8	5200
7	1 1/4	3	1 5/16	1 1/4	1 1/2	8270
9	1 1/2	3 1/8	1 9/16	1 3/8	1 9/16	12040
10	1 3/4	3 1/2	1 13/16	1 1/2	1 3/4	16490
11	2	3 15/16	2 1/16	1 9/16	1 15/16	21650
12	2 1/4	4 5/16	2 3/8	1 3/4	2 3/16	29890
13	2 1/2	4 3/4	2 11/16	1 15/16	2 3/8	39460
14	2 3/4	5 5/16	3	2 3/16	2 11/16	50130
15	3	5 7/8	3 1/4	2 3/8	2 15/16	63050
16	3 1/2	6 11/16	3 3/4	2 3/4	3 3/8	79370

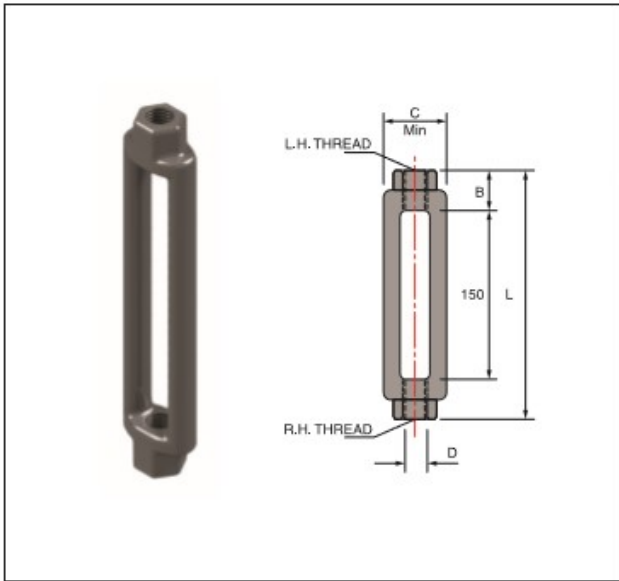
DUAL FACED ROCKING WASHER, FLAT WASHER - FIG. 320, FIG. 321



Material:
Fig. 320 Nodular (S.G.) Iron
Fig. 321 Carbon Steel
It is recommended that Fig. 320 and 321 be used in conjunction with one another. Max Angulation ± 5 degrees.
When ordering specify:
Figure No.
Size

Size	Rod D	A	B	C	D	E	F	G	H	K	L	Max Load (lbs)
2	1/2	1 15/16	9/16	3/8	13/16	5/8	1 1/4	1 1/4	1 5/16	3/16	1 1/2	1230
3	5/8	1 15/16	11/16	3/8	13/16	5/8	1 1/4	1 1/4	1 5/16	3/16	1 1/2	2290
4	3/4	2 9/16	13/16	9/16	1 1/8	15/16	1 7/8	1 7/8	1 3/4	3/16	1 15/16	3590
6	1	2 9/16	1 1/16	9/16	1 1/8	15/16	1 7/8	1 7/8	1 3/4	3/16	1 15/16	5200
7	1 1/4	3 7/8	1 5/16	13/16	1 9/16	1 7/16	2 13/16	2 13/16	2 5/16	3/16	2 5/8	8270
9	1 1/2	3 7/8	1 9/16	13/16	1 9/16	1 7/16	2 13/16	2 13/16	2 5/16	3/16	2 5/8	12040
10	1 3/4	4 1/2	1 13/16	1	1 13/16	1 5/8	3 5/16	3 5/16	2 5/8	1/4	2 15/16	16490
11	2	5 1/8	2 1/16	1 3/16	2 1/16	1 7/8	3 3/4	3 3/4	2 15/16	1/4	3 1/4	21650
12	2 1/4	5 15/16	2 3/8	1 3/8	2 3/8	2 3/16	4 7/16	4 7/16	3 3/8	5/16	3 11/16	29890
13	2 1/2	6 13/16	2 11/16	1 9/16	2 11/16	2 1/2	5 1/16	5 1/16	3 3/4	3/8	4 1/8	39460
14	2 3/4	7 5/8	3	1 3/4	3 1/16	2 13/16	5 11/16	5 11/16	4 3/16	7/16	4 1/2	50130

TURNBUCKLE (FORGED) - FIG. 132



Size	Rod D	B	C	L	Max Load (lbs)
1	3/8	11/16	1 1/8	7 1/4	840
2	1/2	13/16	1 1/4	7 1/2	1230
3	5/8	1	1 5/8	7 15/16	2290
4	3/4	1 1/4	1 15/16	8 7/16	3590
6	1	1 9/16	2 5/16	9	5200
7	1 1/4	2 1/16	2 5/8	10 1/16	8270
9	1 1/2	2 5/16	3 1/16	10 1/2	12040
10	1 3/4	2 11/16	3 5/8	11 1/4	16490

Material: Forged Steel.

Turnbuckles can be supplied with longer opening on request

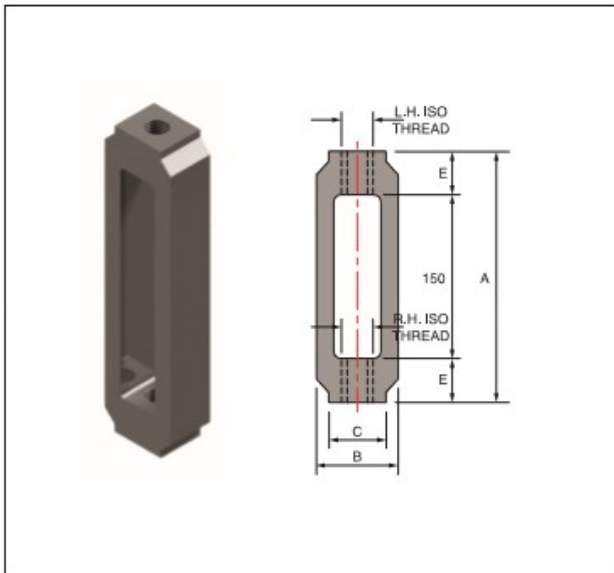
When ordering specify:

Figure No.

Size

Thread if not Standard

STEEL TURNBUCKLE - FIG. 132P



Size	Rod D	A	B	C	E	Max Load (lbs)
6	1	7 7/8	2 9/16	1 3/8	1	5200
7	1 1/4	8 1/4	3 1/4	1 15/16	1 3/16	8270
9	1 1/2	8 1/4	3 1/4	1 15/16	1 3/16	12040
10	1 3/4	9 1/16	3 9/16	2 9/16	1 9/16	16490
11	2	9 13/16	3 5/8	2 15/16	1 15/16	21650
12	2 1/4	9 13/16	4 7/16	3 3/8	1 15/16	29890
13	2 1/2	10 5/8	4 7/8	3 3/4	2 3/8	39460
14	2 3/4	11 13/16	5 7/8	4 1/8	2 15/16	50130

Material: Carbon Steel.

Turnbuckles can be supplied with longer opening on request

When ordering specify:

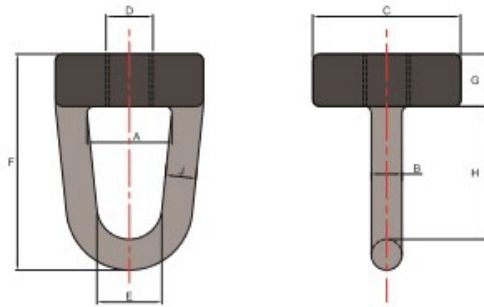
Fig No.

Size

Thread if not Standard

ANCILLARY COMPONENTS - RODS & CONNECTORS

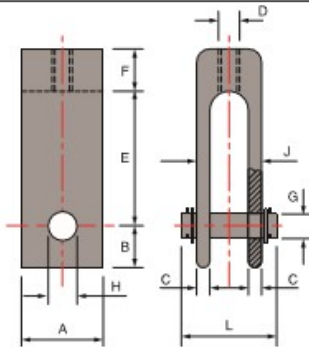
WELDLESS EYE NUT (BOW NUT) - FIG. 279L (L H THREAD), FIG. 279R (R H THREAD)



Material: Forged Steel.
When ordering specify:
 Figure No.
 Size
 Thread if not standard

Size	Rod D	A	B	C	E	F	G	H	J	Max Load (lbs)
1	3/8	1	1/2	1 1/2	1	3 1/8	11/16	2	1/2	840
2	1/2	1	1/2	1 1/2	1	3 1/8	11/16	2	1/2	1230
3	5/8	1	1/2	1 1/2	1	3 1/8	11/16	2	1/2	2290
4	3/4	1 3/8	9/16	1 15/16	1 3/8	5 1/8	1 1/8	3 5/16	3/4	3590
6	1	1 3/8	9/16	1 15/16	1 3/8	5 1/8	1 1/8	3 5/16	3/4	5200
7	1 1/4	1 7/8	13/16	2 3/4	1 7/8	6 7/8	1 3/4	4 1/8	1 1/16	8270
9	1 1/2	1 7/8	13/16	2 3/4	1 7/8	6 7/8	1 3/4	4 1/8	1 1/16	12040
10	1 3/4	2 13/16	1 9/16	4 1/8	2 13/16	12 3/8	2 13/16	7 11/16	1 9/16	16490
11	2	2 13/16	1 9/16	4 1/8	2 13/16	12 3/8	2 13/16	7 11/16	1 9/16	21650
12	2 1/4	2 13/16	1 9/16	4 1/8	2 13/16	12 3/8	2 13/16	7 11/16	1 9/16	29890
13	2 1/2	2 13/16	1 9/16	4 1/8	2 13/16	12 3/8	2 13/16	7 11/16	1 9/16	39460
14	2 3/4	5 1/8	1 7/8	5 1/8	3 15/16	13	3 1/8	8	1 7/8	50130

STEEL CLEVIS - FIG. 276P

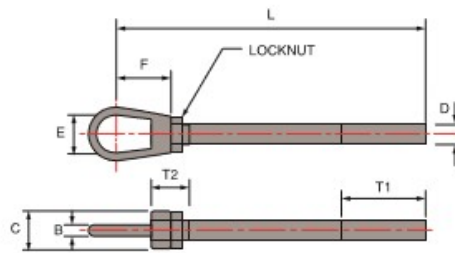


Material: Carbon Steel.
 Larger sizes available on request.
 Supplied with suspension pin.
 (Bolts may be fitted in lieu of pins unless specified).
When ordering specify:
 Figure No.
 Size
 Rod Size Tapping D
 Pin Hole Clearance H

Size	Rod D	A	B	C	E	F	G	H	J	L	Max Load (lbs)
1	3/8	1 3/16	3/4	3/8	3 1/4	1 1/4	3/8	1/2	1 1/2	2 3/16	840
2	1/2	1 3/16	3/4	3/8	3 1/4	1 1/4	1/2	9/16	1 1/2	2 3/16	1230
3	5/8	1 3/4	1 5/16	3/8	2 11/16	1 1/4	5/8	11/16	1 15/16	2 9/16	2290
4	3/4	1 3/4	1 5/16	3/8	2 11/16	1 1/4	13/16	7/8	1 15/16	2 9/16	3590
6	1	2 9/16	1 1/2	1/2	2 1/2	1 1/4	15/16	1	2 5/16	3 1/8	5200
7	1 1/4	2 9/16	1 1/2	1/2	2 1/2	1 1/4	1 3/16	1 1/4	2 5/16	3 1/8	8270
9	1 1/2	2 3/4	1 3/4	1/2	6	1 5/8	1 7/16	1 9/16	3 1/8	3 15/16	12040
10	1 3/4	3 9/16	2	1/2	6	1 3/4	1 5/8	1 3/4	3 3/8	4 1/8	16490
11	2	3 15/16	2 1/2	5/8	7	2 1/4	1 7/8	2	4	5 1/2	21650
12	2 1/4	5 1/8	3	3/4	8	2 3/4	2 3/16	2 3/8	5	6 1/2	29890
13	2 1/2	5 1/8	3	3/4	8	2 3/4	2 1/2	2 11/16	5	6 1/2	39460
14	2 3/4	5 1/2	3 9/16	7/8	9 1/4	3 1/8	2 13/16	3	5 1/2	6 7/8	50130
15	3	5 7/8	4 5/16	1 9/16	10 1/4	4 1/8	3 1/8	3 5/16	7 1/16	8 11/16	63050
16	3 1/2	6 7/8	4 15/16	1 3/4	11 5/8	4 3/4	3 9/16	3 3/4	8 1/16	11 7/16	79370

ANCILLARY COMPONENTS - RODS & CONNECTORS

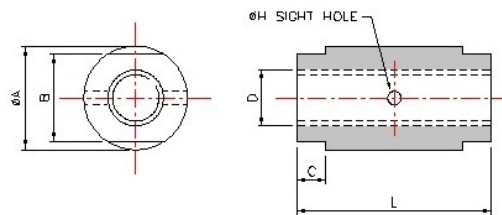
COMPOSITE EYE ROD - FIG. 395



Material: Carbon Steel.
When ordering specify:
 Figure No.
 Size
 Length L and Thread Length
 T1 if not standard
Thread: Standard Right Hand
 Left Hand supplied on request.

Size	1	2	3	4	6	7	9	10	11	12	13	14
Thread D	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
B	3/8	1/2	1/2	5/8	3/4	1 1/8	1 1/8	1 3/16	1 1/4	1 5/16	1 5/8	1 7/8
C	1 1/4	1 1/2	1 1/2	1 3/4	1 15/16	2 3/4	2 3/4	3 1/8	3 15/16	3 15/16	5 1/8	5 1/8
E	1	1 3/16	1 3/16	1 3/4	1 15/16	2 3/4	2 3/4	3 15/16	2 3/4	3 1/8	3 15/16	3 15/16
F	1 5/8	1 3/4	1 3/4	2 1/2	3 1/8	3 3/8	3 3/8	3 15/16	6 7/8	7 5/8	9 3/8	9 3/16
T1	5 7/8	5 7/8	5 7/8	5 7/8	5 7/8	9 13/16	9 13/16	9 13/16	9 13/16	9 13/16	9 13/16	9 13/16
T2	1 15/16	1 15/16	1 15/16	1 15/16	1 15/16	3 1/8	3 1/8	3 1/8	5 1/8	5 1/8	5 1/8	5 1/8
Max Load (lbs)	840	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130

STEEL ROD COUPLING (R H THREAD) - FIG. 123

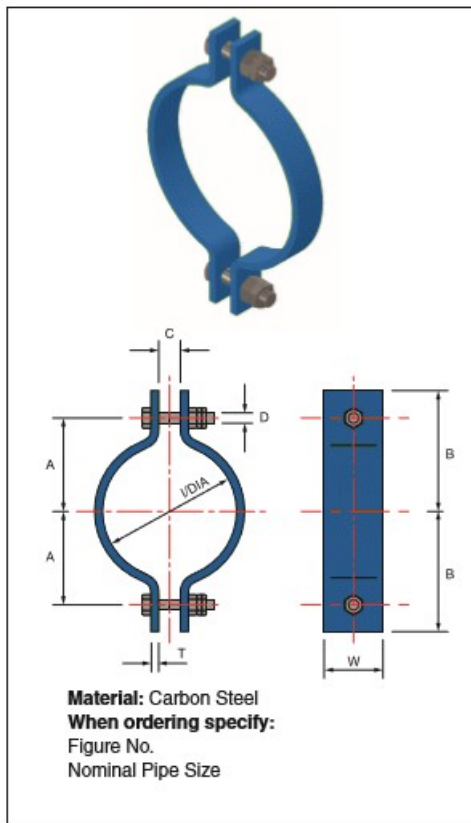


Material: Carbon Steel.
 Tapped Right Hand Thread right through.
When ordering specify:
 Figure No.
 Size
 Thread if not standard

Size	1	2	3	4	6	7	9	10	11	12	13	14	15	16
Thread D	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"	3"	3 1/2"
A	13/16	15/16	1 3/16	1 7/16	1 5/8	2 3/16	2 1/2	3	3 9/16	3 15/16	4 5/16	4 3/4	5 1/8	5 7/8
B	9/16	3/4	15/16	1 1/8	1 1/2	1 7/8	2 1/4	2 5/8	3	3 3/8	3 3/4	4 1/8	4 1/2	5 1/4
C	1/4	1/4	1/4	3/8	3/8	1/2	5/8	3/4	7/8	1	1	1 1/8	1 1/4	1 1/2
L	1 3/4	1 3/4	2 1/4	2 1/4	2 3/4	3	4 1/4	4 3/4	5	6	7	8	8 1/2	9
H	1/4	1/4	1/4	1/4	5/16	5/16	5/16	3/8	3/8	3/8	3/8	3/8	1/2	1/2

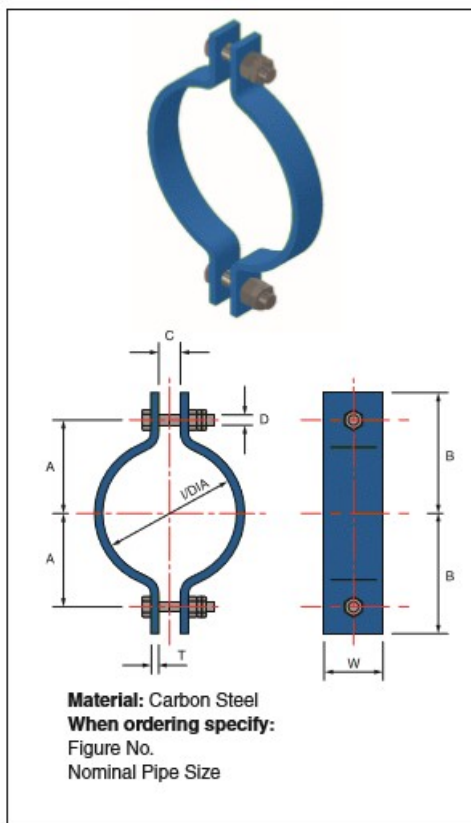
ANCILLARY COMPONENTS - PIPE ATTACHMENTS

2 BOLT PIPE CLAMP (LIGHT) - FIG. 175



Nom Pipe Size	Pipe OD	Clamp I/D	A	B	C	Bolt D	Matl WxT	Max Load (lbs)
								750°F
1/2"	0.84	7/8	1 1/4	2	1/2	0.39" / M10	1" x 1/8"	500
3/4"	1.05	1 1/8	1 1/4	2	1/2	0.39" / M10	1" x 1/8"	500
1"	1.31	1 7/16	1 1/2	2 1/4	1/2	0.39" / M10	1" x 1/8"	500
1 1/4"	1.67	1 3/4	1 3/4	2 1/2	1/2	0.39" / M10	1" x 1/8"	500
1 1/2"	1.9	1 15/16	2	2 3/4	1/2	0.39" / M10	1 3/16" x 1/4"	800
2"	2.37	2 7/16	2 1/4	3	5/8	0.47" / M12	1 3/16" x 1/4"	1000
2 1/2"	2.87	3 1/8	2 3/4	3 1/2	5/8	0.47" / M12	1 3/16" x 1/4"	1000
3"	3.5	3 1/4	3	3 3/4	5/8	0.47" / M12	1 3/16" x 1/4"	1000
3 1/2"	4	4 3/16	3 1/4	4	5/8	0.47" / M12	1 3/16" x 1/4"	1000
4"	4.5	4 5/8	3 3/4	4 11/16	13/16	0.63" / M16	1 9/16" x 1/4"	1000
5"	5.5	5 11/16	4 1/2	5 7/16	13/16	0.63" / M16	1 9/16" x 1/4"	1000
6"	6.63	6 3/4	5	6 3/16	15/16	0.79" / M20	1 9/16" x 3/8"	1600
7"	7.63	7 13/16	5 3/4	6 15/16	15/16	0.79" / M20	1 9/16" x 3/8"	1600
8"	8.63	8 13/16	6 1/4	7 7/16	15/16	0.79" / M20	1 9/16" x 3/8"	1600
9"	9.63	9 3/4	7	8 3/16	15/16	0.79" / M20	1 9/16" x 3/8"	1600
10"	10.75	10 15/16	7 1/2	8 7/8	1 1/16	0.94" / M24	1 15/16" x 1/2"	2400
12"	12.75	13	8 1/2	9 15/16	1 1/16	0.94" / M24	1 15/16" x 1/2"	2400
14"	14	14 1/4	9 1/4	10 11/16	1 1/16	0.94" / M24	2 9/16" x 1/2"	2400
16"	16	16 1/4	10 1/4	11 5/8	1 1/16	0.94" / M24	2 9/16" x 1/2"	2400
18"	18	18 1/4	11 3/4	13 1/8	1 1/16	0.94" / M24	2 9/16" x 9/16"	3000
20"	20	20 5/16	12 3/4	14 3/16	1 1/16	0.94" / M24	2 9/16" x 9/16"	3000
22"	22	22 5/16	14 1/16	15 13/16	1 5/16	1.18" / M30	3 1/8" x 9/16"	3000
24"	24	24 5/16	15 1/4	17	1 5/16	1.18" / M30	3 1/8" x 9/16"	3000

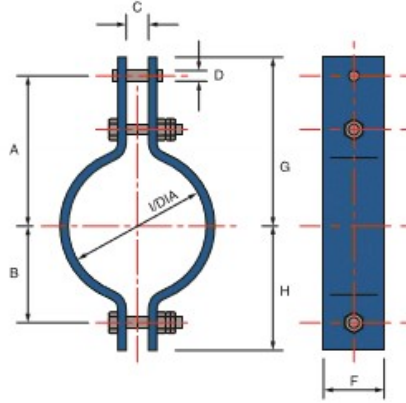
2 BOLT PIPE CLAMP (HEAVY) - FIG. 298



Nom Pipe Size	Pipe OD	Clamp I/D	A	B	C	Bolt D	Matl WxT	Max Load (lbs)
								750°F
1 1/2"	1.9	1 15/16	1 15/16	2 3/4	5/8	0.47" / M12	1 9/16" x 1/4"	1100
2"	2.37	2 7/16	2 5/16	3 3/8	5/8	0.47" / M12	1 9/16" x 1/4"	1100
2 1/2"	2.87	3 1/8	2 3/4	3 3/4	13/16	0.63" / M16	1 9/16" x 1/4"	1100
3"	3.5	3 5/8	3 3/8	4 1/2	15/16	0.79" / M20	1 9/16" x 1/4"	3310
3 1/2"	4	4 3/16	3 9/16	4 3/4	15/16	0.79" / M20	1 9/16" x 1/4"	3310
4"	4.5	4 5/8	3 3/4	5 3/16	1 1/16	0.94" / M24	1 15/16" x 3/8"	3510
5"	5.5	5 11/16	4 1/2	5 15/16	1 1/16	0.94" / M24	1 15/16" x 3/8"	3510
6"	6.63	6 3/4	5 5/16	6 3/4	1 1/16	0.94" / M24	2 9/16" x 1/2"	4810
7"	7.63	7 13/16	5 11/16	7 1/8	1 1/16	0.94" / M24	2 9/16" x 1/2"	4810
8"	8.63	8 13/16	6 5/16	7 11/16	1 1/16	0.94" / M24	2 9/16" x 1/2"	4810
9"	9.63	9 3/4	7 1/16	8 1/2	1 1/16	0.94" / M24	2 9/16" x 1/2"	4810
10"	10.75	10 15/16	7 7/8	9 5/8	1 5/16	1.18" / M30	2 9/16" x 9/16"	6000
12"	12.75	13	9 1/4	11	1 5/16	1.18" / M30	3 1/8" x 13/16"	8600
14"	14	14 1/4	10 1/16	12 3/16	1 9/16	1.42" / M36	3 9/16" x 13/16"	9100
16"	16	16 1/4	11	13 1/8	1 9/16	1.42" / M36	3 9/16" x 13/16"	9100
18"	17.99	18 1/4	12	14 1/8	1 9/16	1.42" / M36	3 9/16" x 13/16"	9100
20"	20	20 5/16	13	15 1/8	1 9/16	1.42" / M36	3 9/16" x 13/16"	9100
22"	22	22 5/16	14 9/16	16 11/16	1 9/16	1.42" / M36	3 9/16" x 13/16"	9100
24"	24.02	24 5/16	15 9/16	17 11/16	1 9/16	1.42" / M36	3 9/16" x 13/16"	9100
26"	18	26 3/8	17 5/16	19 7/16	1 9/16	1.42" / M36	4 5/16" x 1"	10470
28"	28	28 3/8	18 3/8	20 1/2	1 9/16	1.42" / M36	4 5/16" x 1"	10470
30"	30	30 7/16	19 3/8	21 1/2	1 9/16	1.42" / M36	4 5/16" x 1"	10470
32"	24	32 7/16	20 3/8	22 1/2	1 9/16	1.42" / M36	4 5/16" x 1"	10470

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304

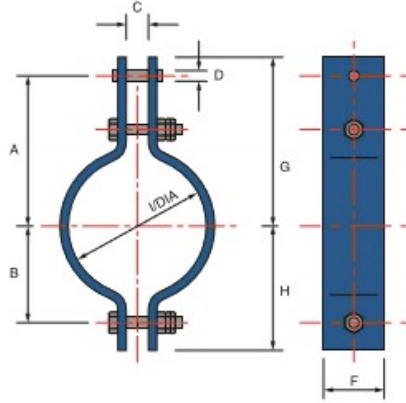


When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
304-15-A-T0	1/2	750	840	0.84	7/8	3 15/16	1 3/16	9/16	1/2	1 3/8	4 5/8	1 7/8	Carbon Steel	1.1
304-20-A-T0	3/4	750	840	1.05	1 1/8	3 15/16	1 3/8	9/16	1/2	1 3/8	4 5/8	2 1/16	Carbon Steel	1.1
304-25-A-T0	1	750	840	1.31	1 7/16	3 15/16	1 9/16	9/16	1/2	1 3/8	4 5/8	2 5/16	Carbon Steel	1.1
304-32-A-T0	1 1/4	750	840	1.67	1 3/4	4 5/16	1 13/16	9/16	1/2	1 3/8	5 1/16	2 1/2	Carbon Steel	1.3
304-40-A-T0	1 1/2	750	840	1.9	1 15/16	4 5/16	1 15/16	9/16	1/2	1 3/8	5 1/16	2 11/16	Carbon Steel	1.3
304-50-A-T0	2	750	840	2.37	2 7/16	4 3/4	2 3/16	9/16	1/2	1 3/8	5 7/16	2 15/16	Carbon Steel	1.3
304-50-B-T0	2	750	1230	2.37	2 7/16	4 3/4	2 3/16	11/16	5/8	1 9/16	5 11/16	2 15/16	Carbon Steel	2
304-65-A-T0	2 1/2	750	840	2.87	3 1/8	5 1/8	2 11/16	9/16	5/8	1 9/16	6 1/16	3 3/8	Carbon Steel	2.2
304-65-B-T0	2 1/2	750	1230	2.87	3 1/8	5 1/8	2 5/8	11/16	5/8	1 9/16	6 1/16	3 5/16	Carbon Steel	2.2
304-80-A-T0	3	750	840	3.5	3 5/8	5 7/8	2 7/8	9/16	5/8	1 9/16	6 7/8	3 9/16	Carbon Steel	2.4
304-80-B-T0	3	750	1230	3.5	3 5/8	5 7/8	2 7/8	11/16	5/8	1 15/16	6 7/8	3 9/16	Carbon Steel	3.1
304-90-A-T0	3 1/2	750	840	4	4 3/16	6 11/16	3 3/16	9/16	5/8	1 9/16	7 5/8	3 7/8	Carbon Steel	2.9
304-90-B-T0	3 1/2	750	1230	4	4 3/16	6 11/16	3 1/8	11/16	5/8	1 15/16	7 5/8	3 7/8	Carbon Steel	3.5
304-100-A-T0	4	750	840	4.5	4 5/8	7 1/16	3 7/16	9/16	5/8	1 9/16	8 1/16	4 1/8	Carbon Steel	2.9
304-100-B-T0	4	750	1230	4.5	4 5/8	7 1/16	3 9/16	11/16	5/8	1 9/16	8 1/16	4 1/4	Carbon Steel	4
304-100-C-T0	4	750	2290	4.5	4 5/8	7 1/16	3 13/16	3/4	13/16	1 15/16	8 1/4	4 3/4	Carbon Steel	6.4
304-125-A-T0	5	750	840	5.5	5 11/16	7 1/2	4 1/8	9/16	5/8	1 9/16	8 7/16	4 13/16	Carbon Steel	4.4
304-125-B-T0	5	750	1230	5.5	5 11/16	7 1/2	4 1/8	11/16	5/8	1 9/16	8 7/16	4 13/16	Carbon Steel	4.4
304-125-C-T0	5	750	2290	5.5	5 11/16	7 1/2	4 3/8	3/4	13/16	1 15/16	8 11/16	5 5/16	Carbon Steel	7.1
304-150-A-T0	6	750	840	6.63	6 3/4	8 1/4	4 11/16	9/16	5/8	1 9/16	9 3/16	5 3/8	Carbon Steel	4.9
304-150-B-T0	6	750	1230	6.63	6 3/4	8 1/4	4 5/8	11/16	5/8	1 15/16	9 3/16	5 3/8	Carbon Steel	6.2
304-150-C-T0	6	750	2290	6.63	6 3/4	8 1/4	4 15/16	3/4	13/16	2 3/8	9 7/16	5 7/8	Carbon Steel	9.5
304-150-D-T0	6	750	3590	6.63	6 3/4	8 1/4	5 1/4	15/16	15/16	2 3/8	9 11/16	6 7/16	Carbon Steel	11.7
304-175-A-T0	7	750	840	7.63	7 13/16	9 13/16	5 3/16	9/16	5/8	1 9/16	10 13/16	5 7/8	Carbon Steel	5.7
304-175-B-T0	7	750	1230	7.63	7 13/16	9 13/16	5 3/8	11/16	5/8	1 9/16	10 13/16	6 1/16	Carbon Steel	7.1
304-175-C-T0	7	750	2290	7.63	7 13/16	9 13/16	5 1/2	3/4	13/16	2 3/8	11	6 7/16	Carbon Steel	10.8
304-175-D-T0	7	750	3590	7.63	7 13/16	9 13/16	5 3/4	15/16	15/16	2 3/8	11 1/4	6 15/16	Carbon Steel	13.4
304-175-E-T0	7	750	5200	7.63	7 13/16	9 13/16	6 1/8	1 1/8	1 3/16	3 1/8	11 5/8	7 1/2	Carbon Steel	22
304-200-A-T0	8	750	840	8.63	8 13/16	11	5 3/4	9/16	5/8	1 9/16	11 15/16	6 7/16	Carbon Steel	6.4
304-200-B-T0	8	750	1230	8.63	8 13/16	11	5 7/8	11/16	5/8	1 9/16	11 15/16	6 9/16	Carbon Steel	7.9
304-200-C-T0	8	750	2290	8.63	8 13/16	11	6 3/16	3/4	13/16	2 3/8	12 3/16	7 1/8	Carbon Steel	14.6
304-200-D-T0	8	750	3590	8.63	8 13/16	11	6 9/16	15/16	15/16	2 3/8	12 7/16	7 11/16	Carbon Steel	18.7
304-200-E-T0	8	750	5200	8.63	8 13/16	11	6 5/8	1 1/8	1 3/16	3 1/8	12 13/16	8 1/16	Carbon Steel	26
304-200-F-T0	8	750	8270	8.63	8 13/16	11	6 7/8	1 9/16	1 7/16	3 9/16	13 1/8	8 5/16	Carbon Steel	37
304-225-A-T0	9	750	840	9.63	9 3/4	11 7/16	6 1/4	9/16	5/8	1 9/16	12 3/8	6 15/16	Carbon Steel	6.6
304-225-B-T0	9	750	1230	9.63	9 3/4	11 7/16	6 3/8	11/16	5/8	1 9/16	12 3/8	7 1/16	Carbon Steel	8.4
304-225-C-T0	9	750	2290	9.63	9 3/4	11 7/16	6 5/8	3/4	13/16	2 3/8	12 5/8	7 5/8	Carbon Steel	15.4
304-225-D-T0	9	750	3590	9.63	9 3/4	11 7/16	7	15/16	15/16	2 3/8	12 13/16	8 3/16	Carbon Steel	19.6
304-225-E-T0	9	750	5200	9.63	9 3/4	11 7/16	7 1/8	1 1/8	1 3/16	3 1/8	13 3/16	8 9/16	Carbon Steel	26
304-225-F-T0	9	750	8270	9.63	9 3/4	11 7/16	7 3/8	1 9/16	1 7/16	3 9/16	13 9/16	8 13/16	Carbon Steel	40
304-250-A-T0	10	750	840	10.75	10 15/16	12 5/8	6 3/4	9/16	5/8	1 9/16	13 9/16	7 1/2	Carbon Steel	7.3
304-250-B-T0	10	750	1230	10.75	10 15/16	12 5/8	6 15/16	11/16	5/8	1 9/16	13 9/16	7 11/16	Carbon Steel	9.3
304-250-C-T0	10	750	2290	10.75	10 15/16	12 5/8	7 5/16	3/4	13/16	2 3/8	13 3/4	8 1/4	Carbon Steel	17
304-250-D-T0	10	750	3590	10.75	10 15/16	12 5/8	7 5/8	15/16	15/16	2 3/8	14	8 13/16	Carbon Steel	22
304-250-E-T0	10	750	5200	10.75	10 15/16	12 5/8	8 1/8	1 1/8	1 3/16	3 1/8	14 3/8	9 1/2	Carbon Steel	40
304-250-F-T0	10	750	8270	10.75	10 15/16	12 5/8	8 1/16	1 9/16	1 7/16	3 9/16	14 3/4	9 7/16	Carbon Steel	44
304-250-G-T0	10	750	12040	10.75	10 15/16	12 5/8	8 1/4	1 3/4	1 5/8	4 5/16	15 1/16	10	Carbon Steel	55
304-300-A-T0	12	750	840	12.75	13	13 3/4	8 1/16	9/16	5/8	1 9/16	14 3/4	8 3/4	Carbon Steel	10.4
304-300-B-T0	12	750	1230	12.75	13	13 3/4	8 1/16	11/16	5/8	1 3/4	14 3/4	8 3/4	Carbon Steel	11.7
304-300-C-T0	12	750	2290	12.75	13	13 3/4	8 5/16	3/4	13/16	2 3/8	14 15/16	9 1/4	Carbon Steel	19.2

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



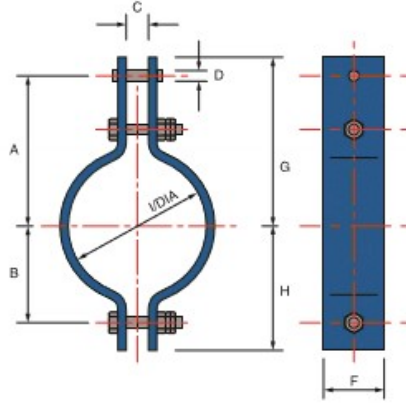
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
304-300-D-T0	12	750	3590	12.75	13	13 3/4	9 1/16	15/16	15/16	2 3/8	15 3/16	10 1/4	Carbon Steel	33
304-300-E-T0	12	750	5200	12.75	13	13 3/4	9 3/16	1 1/8	1 3/16	3 1/8	15 9/16	10 5/8	Carbon Steel	44
304-300-F-T0	12	750	8270	12.75	13	13 3/4	9 1/8	1 9/16	1 7/16	3 9/16	15 7/8	10 9/16	Carbon Steel	51
304-300-G-T0	12	750	12040	12.75	13	14 3/16	9 5/8	1 3/4	1 5/8	4 5/16	16 5/8	11 7/16	Carbon Steel	79
304-300-H-T0	12	750	16490	12.75	13	14 9/16	9 13/16	2 1/16	1 7/8	5 1/8	17 3/8	11 15/16	Carbon Steel	97
304-350-A-T0	14	750	840	14	14 1/4	14 15/16	8 11/16	9/16	5/8	1 9/16	15 7/8	9 3/8	Carbon Steel	11.2
304-350-B-T0	14	750	1230	14	14 1/4	14 15/16	8 11/16	11/16	5/8	1 15/16	15 7/8	9 3/8	Carbon Steel	14.1
304-350-C-T0	14	750	2290	14	14 1/4	14 15/16	9	3/4	13/16	2 3/4	16 1/8	9 15/16	Carbon Steel	24
304-350-D-T0	14	750	3590	14	14 1/4	14 15/16	9 3/4	15/16	15/16	2 3/8	16 3/8	10 7/8	Carbon Steel	35
304-350-E-T0	14	750	5200	14	14 1/4	14 15/16	9 13/16	1 1/8	1 3/16	3 1/8	16 3/4	11 1/4	Carbon Steel	49
304-350-F-T0	14	750	8270	14	14 1/4	14 15/16	9 3/4	1 9/16	1 7/16	3 9/16	17 1/16	11 3/16	Carbon Steel	53
304-350-G-T0	14	750	12040	14	14 1/4	14 15/16	10 3/8	1 3/4	1 5/8	4 5/16	17 7/16	12 1/8	Carbon Steel	84
304-350-H-T0	14	750	16490	14	14 1/4	15 3/8	10 1/2	2 1/16	1 7/8	5 1/8	18 3/16	12 5/8	Carbon Steel	104
304-350-I-T0	14	750	21650	14	14 1/4	17 5/16	11	2 5/16	2 3/16	5 1/2	20 5/8	13 1/2	Carbon Steel	143
304-400-A-T0	16	750	840	16	16 1/4	16 9/16	9 5/8	9/16	5/8	1 9/16	17 1/2	10 3/8	Carbon Steel	12.6
304-400-B-T0	16	750	1230	16	16 1/4	16 9/16	9 15/16	11/16	5/8	1 15/16	17 1/2	10 7/8	Carbon Steel	19.2
304-400-C-T0	16	750	2290	16	16 1/4	16 9/16	9 15/16	3/4	13/16	2 3/4	17 11/16	10 7/8	Carbon Steel	26
304-400-D-T0	16	750	3590	16	16 1/4	16 9/16	10 3/4	15/16	15/16	2 3/8	17 15/16	11 15/16	Carbon Steel	40
304-400-E-T0	16	750	5200	16	16 1/4	16 9/16	10 7/8	1 1/8	1 3/16	3 1/8	18 5/16	12 5/16	Carbon Steel	53
304-400-F-T0	16	750	8270	16	16 1/4	16 9/16	10 13/16	1 9/16	1 7/16	4 5/16	18 11/16	12 1/4	Carbon Steel	73
304-400-G-T0	16	750	12040	16	16 1/4	16 9/16	11 3/8	1 3/4	1 5/8	4 5/16	19	13 1/8	Carbon Steel	93
304-400-H-T0	16	750	16490	16	16 1/4	16 9/16	11 9/16	2 1/16	1 7/8	5 1/2	19 3/8	13 11/16	Carbon Steel	121
304-400-I-T0	16	750	21650	16	16 1/4	18 1/2	12 1/16	2 5/16	2 3/16	5 1/2	21 13/16	14 9/16	Carbon Steel	157
304-400-J-T0	16	750	29890	16	16 1/4	19 11/16	12 5/8	2 9/16	2 1/2	6 11/16	23 7/16	15 7/16	Carbon Steel	231
304-450-B-T0	18	750	1230	18	18 1/4	17 11/16	11	11/16	5/8	1 15/16	18 11/16	11 15/16	Carbon Steel	21
304-450-C-T0	18	750	2290	18	18 1/4	17 11/16	11 1/4	3/4	13/16	2 3/8	18 7/8	12 3/16	Carbon Steel	31
304-450-D-T0	18	750	3590	18	18 1/4	17 11/16	11 13/16	15/16	15/16	2 3/8	19 1/8	13	Carbon Steel	42
304-450-E-T0	18	750	5200	18	18 1/4	17 11/16	11 15/16	1 1/8	1 3/16	3 1/8	19 1/2	13 3/8	Carbon Steel	57
304-450-F-T0	18	750	8270	18	18 1/4	17 11/16	11 7/8	1 9/16	1 7/16	4 5/16	19 13/16	13 5/16	Carbon Steel	79
304-450-G-T0	18	750	12040	18	18 1/4	17 11/16	12 7/16	1 3/4	1 5/8	4 5/16	20 3/16	14 3/16	Carbon Steel	101
304-450-H-T0	18	750	16490	18	18 1/4	17 11/16	12 5/8	2 1/16	1 7/8	5 7/8	20 9/16	14 3/4	Carbon Steel	141
304-450-I-T0	18	750	21650	18	18 1/4	19 5/16	13 3/16	2 5/16	2 3/16	5 7/8	22 5/8	15 11/16	Carbon Steel	179
304-450-J-T0	18	750	29890	18	18 1/4	20 7/8	13 3/4	2 9/16	2 1/2	6 11/16	24 5/8	16 9/16	Carbon Steel	249
304-450-K-T0	18	750	39460	18	18 1/4	21 1/4	14 5/16	2 3/4	2 13/16	7 1/16	25 1/2	17 5/8	Carbon Steel	313
304-500-B-T0	20	750	1230	20	20 5/16	18 1/2	12 1/16	11/16	5/8	1 15/16	19 7/16	13	Carbon Steel	22
304-500-C-T0	20	750	2290	20	20 5/16	18 1/2	12 7/16	3/4	13/16	2 3/8	19 11/16	13 5/8	Carbon Steel	33
304-500-D-T0	20	750	3590	20	20 5/16	18 1/2	12 13/16	15/16	15/16	2 3/8	19 15/16	14	Carbon Steel	46
304-500-E-T0	20	750	5200	20	20 5/16	18 1/2	13	1 1/8	1 3/16	3 1/8	20 1/4	14 7/16	Carbon Steel	62
304-500-F-T0	20	750	8270	20	20 5/16	18 1/2	13 9/16	1 9/16	1 7/16	3 9/16	20 5/8	15 5/16	Carbon Steel	88
304-500-G-T0	20	750	12040	20	20 5/16	18 1/2	13 1/2	1 3/4	1 5/8	4 3/4	21	15 1/4	Carbon Steel	119
304-500-H-T0	20	750	16490	20	20 5/16	18 1/2	14 5/16	2 1/16	1 7/8	5 7/8	21 5/16	16 13/16	Carbon Steel	183
304-500-I-T0	20	750	21650	20	20 5/16	20 1/2	14 5/8	2 5/16	2 3/16	5 1/2	23 3/4	17 1/8	Carbon Steel	209
304-500-J-T0	20	750	29890	20	20 5/16	22 1/16	14 13/16	2 9/16	2 1/2	6 11/16	25 13/16	17 5/8	Carbon Steel	267
304-500-K-T0	20	750	39460	20	20 5/16	22 13/16	15 7/16	2 3/4	2 13/16	7 1/16	27 1/16	18 3/4	Carbon Steel	335
304-500-L-T0	20	750	50130	20	20 5/16	23 1/4	15 3/8	3 1/16	3 1/8	8 11/16	27 15/16	18 11/16	Carbon Steel	414
304-550-C-T0	22	750	2290	22	22 5/16	19 11/16	13 7/16	3/4	13/16	2 9/16	20 7/8	14 5/8	Carbon Steel	40
304-550-D-T0	22	750	3590	22	22 5/16	19 11/16	13 7/8	15/16	15/16	2 3/8	21 1/8	15 1/16	Carbon Steel	49
304-550-E-T0	22	750	5200	22	22 5/16	19 11/16	14	1 1/8	1 3/16	3 9/16	21 7/16	15 3/8	Carbon Steel	75
304-550-F-T0	22	750	8270	22	22 5/16	19 11/16	14 9/16	1 9/16	1 7/16	3 9/16	21 13/16	16 5/16	Carbon Steel	95
304-550-G-T0	22	750	12040	22	22 5/16	19 11/16	14 3/4	1 3/4	1 5/8	5 1/8	22 3/16	16 7/8	Carbon Steel	139

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



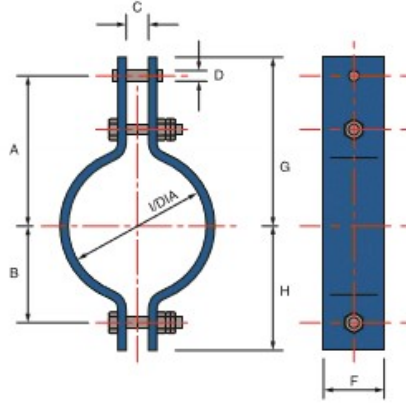
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
304-550-H-T0	22	750	16490	22	22 5/16	20 1/2	15 3/8	2 1/16	1 7/8	5 7/8	23 5/16	17 13/16	Carbon Steel	198
304-550-I-T0	22	750	21650	22	22 5/16	21 5/8	15 11/16	2 5/16	2 3/16	5 1/2	24 15/16	18 1/8	Carbon Steel	223
304-550-J-T0	22	750	29890	22	22 5/16	23 1/4	16 9/16	2 9/16	2 1/2	6 11/16	27	19 13/16	Carbon Steel	331
304-550-K-T0	22	750	39460	22	22 5/16	24	16 1/2	2 3/4	2 13/16	7 1/2	28 1/4	19 13/16	Carbon Steel	377
304-550-L-T0	22	750	50130	22	22 5/16	24 7/16	17 3/8	3 1/16	3 1/8	7 7/8	29 1/8	21 3/16	Carbon Steel	511
304-550-M-T0	22	750	63050	22	22 5/16	25 3/16	17 5/16	3 3/8	3 1/8	8 1/4	29 15/16	21 1/8	Carbon Steel	540
304-600-C-T0	24	750	2290	24	24 5/16	20 1/2	14 1/2	3/4	13/16	2 3/4	21 5/8	15 11/16	Carbon Steel	46
304-600-D-T0	24	750	3590	24	24 5/16	20 1/2	14 7/8	15/16	15/16	2 3/8	21 7/8	16 1/16	Carbon Steel	53
304-600-E-T0	24	750	5200	24	24 5/16	20 1/2	15 1/16	1 1/8	1 3/16	3 9/16	22 1/4	16 7/16	Carbon Steel	79
304-600-F-T0	24	750	8270	24	24 5/16	20 1/2	15 5/8	1 9/16	1 7/16	3 9/16	22 5/8	17 3/8	Carbon Steel	101
304-600-G-T0	24	750	12040	24	24 5/16	20 1/2	15 13/16	1 3/4	1 5/8	5 1/2	22 15/16	17 15/16	Carbon Steel	159
304-600-H-T0	24	750	16490	24	24 5/16	21 5/8	16 7/16	2 1/16	1 7/8	5 7/8	24 1/2	18 7/8	Carbon Steel	212
304-600-I-T0	24	750	21650	24	24 5/16	23 5/8	16 3/4	2 5/16	2 3/16	5 1/2	26 15/16	19 3/16	Carbon Steel	240
304-600-J-T0	24	750	29890	24	24 5/16	24	17 5/8	2 9/16	2 1/2	6 11/16	27 13/16	20 7/8	Carbon Steel	348
304-600-K-T0	24	750	39460	24	24 5/16	25 3/16	17 15/16	2 3/4	2 13/16	7 1/16	29 7/16	21 1/4	Carbon Steel	425
304-600-L-T0	24	750	50130	24	24 5/16	26 3/8	18 1/2	3 1/16	3 1/8	7 7/8	31 1/8	22 5/16	Carbon Steel	547
304-600-M-T0	24	750	63050	24	24 5/16	26 3/8	18 7/16	3 3/8	3 1/8	8 1/4	31 1/8	22 1/4	Carbon Steel	571
304-650-C-T0	26	750	2290	26	26 3/8	22 1/16	15 1/2	3/4	13/16	2 3/4	23 1/4	16 11/16	Carbon Steel	49
304-650-D-T0	26	750	3590	26	26 3/8	22 1/16	16 1/16	15/16	15/16	2 9/16	23 7/16	17 1/2	Carbon Steel	62
304-650-E-T0	26	750	5200	26	26 3/8	22 1/16	16 1/16	1 1/8	1 3/16	3 9/16	23 13/16	17 1/2	Carbon Steel	86
304-650-F-T0	26	750	8270	26	26 3/8	22 1/16	16 5/8	1 9/16	1 7/16	3 15/16	24 3/16	18 7/16	Carbon Steel	119
304-650-G-T0	26	750	12040	26	26 3/8	22 1/16	17 5/16	1 3/4	1 5/8	4 5/16	24 1/2	19 7/16	Carbon Steel	161
304-650-H-T0	26	750	16490	26	26 3/8	22 7/16	17 1/2	2 1/16	1 7/8	5 7/8	25 1/4	19 15/16	Carbon Steel	225
304-650-I-T0	26	750	21650	26	26 3/8	24 7/16	17 13/16	2 5/16	2 3/16	5 7/8	27 11/16	20 5/16	Carbon Steel	273
304-650-J-T0	26	750	29890	26	26 3/8	25 3/16	18 11/16	2 9/16	2 1/2	6 11/16	29	22	Carbon Steel	368
304-650-K-T0	26	750	39460	26	26 3/8	26	19	2 3/4	2 13/16	7 1/16	30 1/4	22 5/16	Carbon Steel	448
304-650-L-T0	26	750	50130	26	26 3/8	27 9/16	19 5/8	3 1/16	3 1/8	7 7/8	32 5/16	23 3/8	Carbon Steel	575
304-650-M-T0	26	750	63050	26	26 3/8	27 9/16	19 9/16	3 3/8	3 1/8	8 1/4	32 5/16	23 3/8	Carbon Steel	602
304-700-C-T0	28	750	2290	28	28 3/8	23 1/4	16 9/16	3/4	13/16	2 15/16	24 7/16	17 11/16	Carbon Steel	55
304-700-D-T0	28	750	3590	28	28 3/8	23 1/4	17 1/16	15/16	15/16	2 9/16	24 5/8	18 1/2	Carbon Steel	66
304-700-E-T0	28	750	5200	28	28 3/8	23 1/4	17 5/16	1 1/8	1 3/16	4 5/16	25	19 1/8	Carbon Steel	112
304-700-F-T0	28	750	8270	28	28 3/8	23 1/4	17 11/16	1 9/16	1 7/16	4 5/16	25 3/8	19 7/16	Carbon Steel	141
304-700-G-T0	28	750	12040	28	28 3/8	23 1/4	18 5/16	1 3/4	1 5/8	4 3/4	25 11/16	20 7/16	Carbon Steel	185
304-700-H-T0	28	750	16490	28	28 3/8	23 5/8	18 1/2	2 1/16	1 7/8	5 7/8	26 7/16	21	Carbon Steel	238
304-700-I-T0	28	750	21650	28	28 3/8	25 9/16	19 1/2	2 5/16	2 3/16	5 1/2	28 7/8	22 5/16	Carbon Steel	311
304-700-J-T0	28	750	29890	28	28 3/8	26 3/8	19 3/4	2 9/16	2 1/2	7 1/16	30 3/16	23 1/16	Carbon Steel	410
304-700-K-T0	28	750	39460	28	28 3/8	27 3/16	20 1/16	2 3/4	2 13/16	7 1/16	31 7/16	23 3/8	Carbon Steel	472
304-700-L-T0	28	750	50130	28	28 3/8	28 3/4	20 11/16	3 1/16	3 1/8	7 7/8	33 7/16	24 1/2	Carbon Steel	606
304-700-M-T0	28	750	63050	28	28 3/8	29 1/8	20 5/8	3 3/8	3 1/8	9 1/16	33 7/8	24 7/16	Carbon Steel	697
304-750-D-T0	30	750	3590	30	30 7/16	25 3/16	18 1/8	15/16	15/16	2 9/16	26 5/8	19 1/2	Carbon Steel	71
304-750-E-T0	30	750	5200	30	30 7/16	25 3/16	18 3/8	1 1/8	1 3/16	4 5/16	26 15/16	20 1/8	Carbon Steel	119
304-750-F-T0	30	750	8270	30	30 7/16	25 3/16	18 3/4	1 9/16	1 7/16	4 5/16	27 5/16	20 1/2	Carbon Steel	150
304-750-G-T0	30	750	12040	30	30 7/16	25 3/16	19 3/8	1 3/4	1 5/8	4 15/16	27 11/16	21 1/2	Carbon Steel	207
304-750-H-T0	30	750	16490	30	30 7/16	25 3/16	19 15/16	2 1/16	1 7/8	5 1/8	28 1/16	22 7/16	Carbon Steel	256
304-750-I-T0	30	750	21650	30	30 7/16	26 3/4	20 9/16	2 5/16	2 3/16	5 1/2	30 1/16	23 3/8	Carbon Steel	326
304-750-J-T0	30	750	29890	30	30 7/16	27 15/16	20 13/16	2 9/16	2 1/2	7 1/16	31 3/4	24 1/8	Carbon Steel	434
304-750-K-T0	30	750	39460	30	30 7/16	28 3/8	21 13/16	2 3/4	2 13/16	7 1/16	32 5/8	25 9/16	Carbon Steel	558
304-750-L-T0	30	750	50130	30	30 7/16	29 1/2	21 3/4	3 1/16	3 1/8	7 7/8	34 1/4	25 9/16	Carbon Steel	631
304-750-M-T0	30	750	63050	30	30 7/16	29 1/2	22 1/16	3 3/8	3 1/8	9 7/16	34 1/4	26 5/16	Carbon Steel	763
304-800-D-T0	32	750	3590	32	32 7/16	26	19 1/8	15/16	15/16	2 3/4	27 3/8	20 9/16	Carbon Steel	79

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



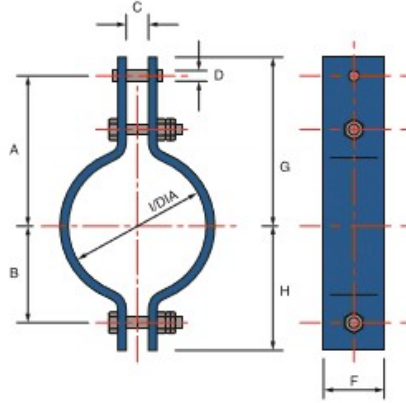
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
304-800-E-T0	32	750	5200	32	32 7/16	26	19 3/8	1 1/8	1 3/16	4 5/16	27 3/4	21 1/8	Carbon Steel	126
304-800-F-T0	32	750	8270	32	32 7/16	26	19 3/4	1 9/16	1 7/16	4 3/4	28 1/8	21 9/16	Carbon Steel	172
304-800-G-T0	32	750	12040	32	32 7/16	26	20 3/8	1 3/4	1 5/8	4 15/16	28 7/16	22 1/2	Carbon Steel	218
304-800-H-T0	32	750	16490	32	32 7/16	26	21	2 1/16	1 7/8	5 1/8	28 13/16	23 7/16	Carbon Steel	267
304-800-I-T0	32	750	21650	32	32 7/16	27 15/16	21 9/16	2 5/16	2 3/16	5 1/2	31 1/4	24 7/16	Carbon Steel	344
304-800-J-T0	32	750	29890	32	32 7/16	29 1/8	21 7/8	2 9/16	2 1/2	7 1/16	32 15/16	25 3/16	Carbon Steel	454
304-800-K-T0	32	750	39460	32	32 7/16	29 1/8	22 7/8	2 3/4	2 13/16	7 1/16	33 3/8	26 5/8	Carbon Steel	580
304-800-L-T0	32	750	50130	32	32 7/16	30 11/16	22 13/16	3 1/16	3 1/8	8 11/16	35 7/16	26 5/8	Carbon Steel	728
304-800-M-T0	32	750	63050	32	32 7/16	31 1/8	23 1/8	3 3/8	3 1/8	9 13/16	35 13/16	27 3/8	Carbon Steel	836
304-850-D-T0	34	750	3590	34	34 5/16	27 15/16	20 1/16	15/16	15/16	3 1/8	29 3/8	21 1/2	Carbon Steel	95
304-850-E-T0	34	750	5200	34	34 5/16	27 15/16	20 5/16	1 1/8	1 3/16	4 5/16	29 3/4	22 1/16	Carbon Steel	132
304-850-F-T0	34	750	8270	34	34 5/16	27 15/16	20 15/16	1 9/16	1 7/16	4 3/4	30 1/16	23 1/16	Carbon Steel	183
304-850-G-T0	34	750	12040	34	34 5/16	27 15/16	21 5/16	1 3/4	1 5/8	5 1/8	30 7/16	23 7/16	Carbon Steel	240
304-850-H-T0	34	750	16490	34	34 5/16	27 15/16	21 15/16	2 1/16	1 7/8	5 1/2	30 13/16	24 7/16	Carbon Steel	304
304-850-I-T0	34	750	21650	34	34 5/16	28 3/4	22 9/16	2 5/16	2 3/16	5 1/2	32 1/16	25 3/8	Carbon Steel	357
304-850-J-T0	34	750	29890	34	34 5/16	30 5/16	22 13/16	2 9/16	2 1/2	7 7/8	34 1/8	26 1/8	Carbon Steel	529
304-850-K-T0	34	750	39460	34	34 5/16	31 1/2	23 7/8	2 3/4	2 13/16	7 1/16	35 3/4	27 5/8	Carbon Steel	615
304-850-L-T0	34	750	50130	34	34 5/16	31 7/8	23 13/16	3 1/16	3 1/8	8 11/16	36 5/8	27 5/8	Carbon Steel	756
304-850-M-T0	34	750	63050	34	34 5/16	32 5/16	24 1/8	3 3/8	3 1/8	10 1/4	37	28 3/8	Carbon Steel	904
304-900-D-T0	36	750	3590	36	36 7/16	29 1/8	21 3/16	15/16	15/16	3 1/8	30 9/16	22 5/8	Carbon Steel	101
304-900-E-T0	36	750	5200	36	36 7/16	29 1/8	21 3/8	1 1/8	1 3/16	4 5/16	30 7/8	23 1/8	Carbon Steel	139
304-900-F-T0	36	750	8270	36	36 7/16	29 1/8	22	1 9/16	1 7/16	5 1/8	31 1/4	24 1/8	Carbon Steel	209
304-900-G-T0	36	750	12040	36	36 7/16	29 1/8	22 11/16	1 3/4	1 5/8	5 1/2	31 5/8	25 3/16	Carbon Steel	273
304-900-H-T0	36	750	16490	36	36 7/16	29 1/8	23 1/16	2 1/16	1 7/8	5 7/8	31 15/16	25 1/2	Carbon Steel	342
304-900-I-T0	36	750	21650	36	36 7/16	29 15/16	23 5/8	2 5/16	2 3/16	5 7/8	33 1/4	26 7/16	Carbon Steel	401
304-900-J-T0	36	750	29890	36	36 7/16	31 1/8	23 15/16	2 9/16	2 1/2	7 7/8	34 7/8	27 1/4	Carbon Steel	549
304-900-K-T0	36	750	39460	36	36 7/16	32 11/16	24 15/16	2 3/4	2 13/16	7 7/8	36 15/16	28 3/4	Carbon Steel	712
304-900-L-T0	36	750	50130	36	36 7/16	32 11/16	24 15/16	3 1/16	3 1/8	9 1/16	37 3/8	28 11/16	Carbon Steel	822
304-900-M-T0	36	750	63050	36	36 7/16	33 7/16	25 3/16	3 3/8	3 1/8	11	38 3/16	29 7/16	Carbon Steel	1016
304-950-D-T0	38	750	3590	38	38 7/16	30 5/16	22 3/16	15/16	15/16	3 1/8	31 3/4	23 9/16	Carbon Steel	106
304-950-E-T0	38	750	5200	38	38 7/16	30 5/16	22 3/8	1 1/8	1 3/16	4 5/16	32 1/16	24 3/16	Carbon Steel	146
304-950-F-T0	38	750	8270	38	38 7/16	30 5/16	23 1/16	1 9/16	1 7/16	5 1/8	32 7/16	25 3/16	Carbon Steel	218
304-950-G-T0	38	750	12040	38	38 7/16	30 5/16	23 11/16	1 3/4	1 5/8	5 11/16	32 13/16	26 1/8	Carbon Steel	295
304-950-H-T0	38	750	16490	38	38 7/16	30 5/16	24 1/16	2 1/16	1 7/8	5 7/8	33 1/8	26 9/16	Carbon Steel	357
304-950-I-T0	38	750	21650	38	38 7/16	31 1/8	24 5/8	2 5/16	2 3/16	5 7/8	34 7/16	27 1/2	Carbon Steel	419
304-950-J-T0	38	750	29890	38	38 7/16	32 5/16	24 15/16	2 9/16	2 1/2	8 11/16	36 1/16	28 1/4	Carbon Steel	631
304-950-K-T0	38	750	39460	38	38 7/16	33 7/16	26	2 3/4	2 13/16	7 7/8	37 11/16	29 3/4	Carbon Steel	739
304-950-L-T0	38	750	50130	38	38 7/16	33 7/8	26	3 1/16	3 1/8	9 7/16	38 9/16	29 3/4	Carbon Steel	893
304-950-M-T0	38	750	63050	38	38 7/16	34 1/4	26 1/4	3 3/8	3 1/8	11 13/16	39	30 1/2	Carbon Steel	1127
304-1000-D-T0	40	750	3590	40	40 3/8	31 1/8	23 1/8	15/16	15/16	3 1/8	32 1/2	24 9/16	Carbon Steel	110
304-1000-E-T0	40	750	5200	40	40 3/8	31 1/8	23 3/8	1 1/8	1 3/16	5 1/8	32 7/8	25 3/16	Carbon Steel	179
304-1000-F-T0	40	750	8270	40	40 3/8	31 1/8	24	1 9/16	1 7/16	5 1/8	33 1/4	26 1/8	Carbon Steel	227
304-1000-G-T0	40	750	12040	40	40 3/8	31 1/8	24 5/8	1 3/4	1 5/8	5 7/8	33 9/16	27 1/8	Carbon Steel	317
304-1000-H-T0	40	750	16490	40	40 3/8	31 1/8	25 1/16	2 1/16	1 7/8	5 7/8	33 15/16	27 1/2	Carbon Steel	370
304-1000-I-T0	40	750	21650	40	40 3/8	31 7/8	25 11/16	2 5/16	2 3/16	5 7/8	35 3/16	28 1/2	Carbon Steel	432
304-1000-J-T0	40	750	29890	40	40 3/8	33 1/16	25 15/16	2 9/16	2 1/2	8 11/16	36 7/8	29 1/4	Carbon Steel	653
304-1000-K-T0	40	750	39460	40	40 3/8	34 5/8	27	2 3/4	2 13/16	7 7/8	38 7/8	30 13/16	Carbon Steel	767
304-1000-L-T0	40	750	50130	40	40 3/8	35 1/16	26 15/16	3 1/16	3 1/8	9 7/16	39 3/4	30 3/4	Carbon Steel	926
304-1000-M-T0	40	750	63050	40	40 3/8	35 7/16	27 1/4	3 3/8	3 1/8	11 13/16	40 3/16	31 1/2	Carbon Steel	1171

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



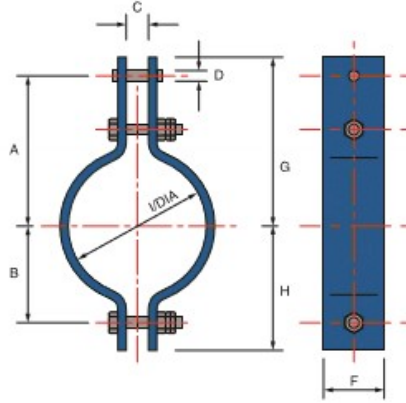
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-15-A-T1	1/2	842	840	0.84	7/8	4 5/16	1 3/16	9/16	1/2	1 3/16	5 1/16	1 7/8	Alloy Steel	1.1
91-20-A-T1	3/4	842	840	1.05	1 1/8	4 5/16	1 3/8	9/16	1/2	1 3/16	5 1/16	2 1/16	Alloy Steel	1.1
91-25-A-T1	1	842	840	1.31	1 7/16	4 3/4	1 9/16	9/16	1/2	1 3/16	5 7/16	2 5/16	Alloy Steel	1.3
91-32-A-T1	1 1/4	842	840	1.67	1 3/4	4 3/4	1 13/16	9/16	1/2	1 3/16	5 7/16	2 1/2	Alloy Steel	1.3
91-40-A-T1	1 1/2	842	840	1.9	1 15/16	4 3/4	1 15/16	9/16	1/2	1 3/16	5 7/16	2 11/16	Alloy Steel	1.3
91-50-A-T1	2	842	840	2.37	2 7/16	5 1/8	2 3/16	9/16	1/2	1 3/16	5 13/16	2 15/16	Alloy Steel	1.5
91-50-B-T1	2	842	1230	2.37	2 7/16	5 1/8	2 3/16	11/16	5/8	1 3/8	6 1/16	2 15/16	Alloy Steel	1.8
91-65-A-T1	2 1/2	842	840	2.87	3 1/8	5 1/2	2 5/8	9/16	1/2	1 3/16	6 1/4	3 5/16	Alloy Steel	1.8
91-65-B-T1	2 1/2	842	1230	2.87	3 1/8	5 1/2	2 5/8	11/16	5/8	1 3/8	6 7/16	3 5/16	Alloy Steel	2
91-80-A-T1	3	842	840	3.5	3 5/8	5 7/8	2 7/8	9/16	1/2	1 3/16	6 5/8	3 9/16	Alloy Steel	1.8
91-80-B-T1	3	842	1230	3.5	3 5/8	5 7/8	2 7/8	11/16	5/8	1 3/8	6 7/8	3 9/16	Alloy Steel	2.2
91-90-A-T1	3 1/2	842	840	4	4 3/16	7 1/16	3 3/16	9/16	1/2	1 3/16	7 13/16	3 7/8	Alloy Steel	2
91-90-B-T1	3 1/2	842	1230	4	4 3/16	7 1/16	3 1/8	11/16	5/8	1 3/8	8 1/16	3 7/8	Alloy Steel	2.4
91-100-A-T1	4	842	840	4.5	4 5/8	7 1/2	3 7/16	9/16	1/2	1 3/16	8 3/16	4 1/8	Alloy Steel	2.2
91-100-B-T1	4	842	1230	4.5	4 5/8	7 1/2	3 7/16	11/16	5/8	1 3/8	8 7/16	4 1/8	Alloy Steel	2.6
91-100-C-T1	4	842	2290	4.5	4 5/8	7 1/2	3 11/16	3/4	13/16	1 15/16	8 11/16	4 5/8	Alloy Steel	5.3
91-125-A-T1	5	842	840	5.5	5 11/16	7 7/8	3 15/16	9/16	1/2	1 3/16	8 9/16	4 5/8	Alloy Steel	2.4
91-125-B-T1	5	842	1230	5.5	5 11/16	7 7/8	3 15/16	11/16	5/8	1 15/16	8 13/16	4 5/8	Alloy Steel	4.2
91-125-C-T1	5	842	2290	5.5	5 11/16	7 7/8	4 1/4	3/4	13/16	1 15/16	9 1/16	5 3/16	Alloy Steel	5.7
91-150-A-T1	6	842	840	6.63	6 3/4	8 11/16	4 1/2	9/16	1/2	1 9/16	9 3/8	5 1/4	Alloy Steel	3.7
91-150-B-T1	6	842	1230	6.63	6 3/4	8 11/16	4 1/2	11/16	5/8	1 15/16	9 5/8	5 1/4	Alloy Steel	4.6
91-150-C-T1	6	842	2290	6.63	6 3/4	8 11/16	4 13/16	3/4	13/16	1 15/16	9 13/16	5 3/4	Alloy Steel	6.4
91-150-D-T1	6	842	3590	6.63	6 3/4	8 11/16	4 15/16	15/16	15/16	2 3/8	10 1/16	5 7/8	Alloy Steel	9.7
91-175-A-T1	7	842	840	7.63	7 13/16	10 1/4	5 1/16	9/16	1/2	1 9/16	10 15/16	5 3/4	Alloy Steel	4.2
91-175-B-T1	7	842	1230	7.63	7 13/16	10 1/4	5 1/16	11/16	5/8	1 15/16	11 3/16	5 3/4	Alloy Steel	5.3
91-175-C-T1	7	842	2290	7.63	7 13/16	10 1/4	5 3/8	3/4	13/16	1 15/16	11 7/16	6 5/16	Alloy Steel	7.5
91-175-D-T1	7	842	3590	7.63	7 13/16	10 1/4	5 1/2	15/16	15/16	2 3/8	11 5/8	6 7/16	Alloy Steel	11.2
91-175-E-T1	7	842	5200	7.63	7 13/16	10 1/4	5 3/4	1 1/8	1 3/16	3 1/8	12	6 15/16	Alloy Steel	18.3
91-200-A-T1	8	842	840	8.63	8 13/16	11 7/16	5 9/16	9/16	1/2	1 9/16	12 1/8	6 1/4	Alloy Steel	4.9
91-200-B-T1	8	842	1230	8.63	8 13/16	11 7/16	5 11/16	11/16	5/8	1 9/16	12 3/8	6 7/16	Alloy Steel	6.4
91-200-C-T1	8	842	2290	8.63	8 13/16	11 7/16	6	3/4	13/16	1 15/16	12 5/8	6 15/16	Alloy Steel	10.1
91-200-D-T1	8	842	3590	8.63	8 13/16	11 7/16	6	15/16	15/16	2 3/8	12 13/16	6 15/16	Alloy Steel	12.3
91-200-E-T1	8	842	5200	8.63	8 13/16	11 7/16	6 1/4	1 1/8	1 3/16	3 1/8	13 3/16	7 7/16	Alloy Steel	20
91-200-F-T1	8	842	8270	8.63	8 13/16	11 7/16	6 9/16	1 9/16	1 7/16	3 9/16	13 9/16	7 15/16	Alloy Steel	29
91-225-A-T1	9	842	840	9.63	9 3/4	11 13/16	6	9/16	1/2	1 9/16	12 1/2	6 3/4	Alloy Steel	5.1
91-225-B-T1	9	842	1230	9.63	9 3/4	11 13/16	6 1/4	11/16	5/8	1 9/16	12 3/4	6 15/16	Alloy Steel	6.8
91-225-C-T1	9	842	2290	9.63	9 3/4	11 13/16	6 1/2	3/4	13/16	1 15/16	13	7 7/16	Alloy Steel	10.8
91-225-D-T1	9	842	3590	9.63	9 3/4	11 13/16	6 1/2	15/16	15/16	2 3/4	13 1/4	7 7/16	Alloy Steel	15.2
91-225-E-T1	9	842	5200	9.63	9 3/4	11 13/16	6 3/4	1 1/8	1 3/16	3 1/8	13 9/16	7 15/16	Alloy Steel	21
91-225-F-T1	9	842	8270	9.63	9 3/4	11 13/16	7 1/16	1 9/16	1 7/16	3 9/16	13 15/16	8 7/16	Alloy Steel	31
91-250-A-T1	10	842	840	10.75	10 15/16	13	6 5/8	9/16	1/2	1 15/16	13 11/16	7 3/8	Alloy Steel	7.1
91-250-B-T1	10	842	1230	10.75	10 15/16	13	6 13/16	11/16	5/8	1 9/16	13 15/16	7 1/2	Alloy Steel	7.5
91-250-C-T1	10	842	2290	10.75	10 15/16	13	7 1/8	3/4	13/16	1 15/16	14 3/16	8 1/16	Alloy Steel	11.9
91-250-D-T1	10	842	3590	10.75	10 15/16	13	7 1/16	15/16	15/16	2 3/4	14 7/16	8 1/16	Alloy Steel	16.8
91-250-E-T1	10	842	5200	10.75	10 15/16	13	7 3/8	1 1/8	1 3/16	3 1/8	14 3/4	8 9/16	Alloy Steel	24
91-250-F-T1	10	842	8270	10.75	10 15/16	13	7 11/16	1 9/16	1 7/16	3 9/16	15 1/8	9 1/8	Alloy Steel	33
91-250-G-T1	10	842	12040	10.75	10 15/16	13	7 11/16	1 3/4	1 5/8	4 5/16	15 1/2	9 1/8	Alloy Steel	42
91-300-A-T1	12	842	840	12.75	13	14 9/16	7 11/16	9/16	1/2	1 15/16	15 1/4	8 3/8	Alloy Steel	7.9
91-300-B-T1	12	842	1230	12.75	13	14 9/16	7 7/8	11/16	5/8	1 9/16	15 1/2	8 9/16	Alloy Steel	8.6
91-300-C-T1	12	842	2290	12.75	13	14 9/16	8 1/8	3/4	13/16	1 15/16	15 3/4	9 1/8	Alloy Steel	13.7

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



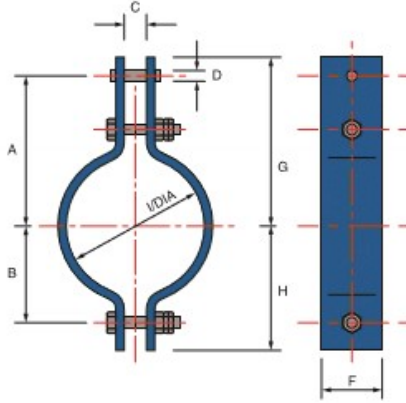
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-300-D-T1	12	842	3590	12.75	13	14 9/16	8 1/4	15/16	15/16	2 3/4	16	9 3/16	Alloy Steel	22
91-300-E-T1	12	842	5200	12.75	13	14 9/16	8 7/16	1 1/8	1 3/16	3 15/16	16 5/16	9 5/8	Alloy Steel	33
91-300-F-T1	12	842	8270	12.75	13	14 9/16	8 3/4	1 9/16	1 7/16	3 9/16	16 11/16	10 3/16	Alloy Steel	37
91-300-G-T1	12	842	12040	12.75	13	14 9/16	8 3/4	1 3/4	1 5/8	4 3/4	17 1/16	10 3/16	Alloy Steel	51
91-300-H-T1	12	842	16490	12.75	13	14 9/16	9 5/16	2 1/16	1 7/8	4 3/4	17 3/8	11 1/16	Alloy Steel	71
91-350-A-T1	14	842	840	14	14 1/4	15 3/4	8 5/16	9/16	1/2	1 15/16	16 7/16	9	Alloy Steel	8.6
91-350-B-T1	14	842	1230	14	14 1/4	15 3/4	8 7/16	11/16	5/8	1 15/16	16 11/16	9 3/16	Alloy Steel	11.5
91-350-C-T1	14	842	2290	14	14 1/4	15 3/4	8 13/16	3/4	13/16	2 3/8	16 15/16	9 3/4	Alloy Steel	17.6
91-350-D-T1	14	842	3590	14	14 1/4	15 3/4	9	15/16	15/16	2 3/4	17 3/16	9 15/16	Alloy Steel	24
91-350-E-T1	14	842	5200	14	14 1/4	15 3/4	9 1/16	1 1/8	1 3/16	3 15/16	17 1/2	10 1/4	Alloy Steel	35
91-350-F-T1	14	842	8270	14	14 1/4	15 3/4	9 7/16	1 9/16	1 7/16	3 15/16	17 7/8	10 13/16	Alloy Steel	46
91-350-G-T1	14	842	12040	14	14 1/4	15 3/4	9 3/4	1 3/4	1 5/8	4 5/16	18 1/4	11 3/16	Alloy Steel	68
91-350-H-T1	14	842	16490	14	14 1/4	15 3/4	9 15/16	2 1/16	1 7/8	4 3/4	18 9/16	11 3/4	Alloy Steel	75
91-350-I-T1	14	842	21650	14	14 1/4	16 1/8	10 1/2	2 5/16	2 3/16	5 1/2	19 7/16	12 5/8	Alloy Steel	115
91-400-A-T1	16	842	840	16	16 1/4	16 15/16	9 3/16	9/16	1/2	1 15/16	17 5/8	9 15/16	Alloy Steel	9.5
91-400-B-T1	16	842	1230	16	16 1/4	16 15/16	9 5/8	11/16	5/8	1 15/16	17 7/8	10 9/16	Alloy Steel	12.8
91-400-C-T1	16	842	2290	16	16 1/4	16 15/16	9 13/16	3/4	13/16	2 3/8	18 1/8	10 3/4	Alloy Steel	19.4
91-400-D-T1	16	842	3590	16	16 1/4	16 15/16	9 15/16	15/16	15/16	2 3/4	18 3/8	10 7/8	Alloy Steel	26
91-400-E-T1	16	842	5200	16	16 1/4	16 15/16	10 1/16	1 1/8	1 3/16	3 15/16	18 11/16	11 1/4	Alloy Steel	40
91-400-F-T1	16	842	8270	16	16 1/4	16 15/16	10 7/16	1 9/16	1 7/16	3 15/16	19 1/16	11 7/8	Alloy Steel	51
91-400-G-T1	16	842	12040	16	16 1/4	16 15/16	10 13/16	1 3/4	1 5/8	4 5/16	19 7/16	12 3/16	Alloy Steel	73
91-400-H-T1	16	842	16490	16	16 1/4	16 15/16	11	2 1/16	1 7/8	4 3/4	19 3/4	12 3/4	Alloy Steel	82
91-400-I-T1	16	842	21650	16	16 1/4	17 5/16	11 9/16	2 5/16	2 3/16	5 1/2	20 5/8	13 11/16	Alloy Steel	123
91-400-J-T1	16	842	29890	16	16 1/4	18 1/2	11 1/2	2 9/16	2 1/2	6 5/16	22 5/16	13 5/8	Alloy Steel	148
91-450-B-T1	18	842	1230	18	18 1/4	18 1/8	10 11/16	11/16	5/8	2 3/8	19 1/16	11 5/8	Alloy Steel	16.8
91-450-C-T1	18	842	2290	18	18 1/4	18 1/8	10 13/16	3/4	13/16	2 3/4	19 5/16	11 3/4	Alloy Steel	24
91-450-D-T1	18	842	3590	18	18 1/4	18 1/8	11	15/16	15/16	2 3/4	19 1/2	11 15/16	Alloy Steel	29
91-450-E-T1	18	842	5200	18	18 1/4	18 1/8	11 7/16	1 1/8	1 3/16	3 1/8	19 7/8	12 5/8	Alloy Steel	44
91-450-F-T1	18	842	8270	18	18 1/4	18 1/8	11 7/8	1 9/16	1 7/16	3 9/16	20 1/4	13 5/16	Alloy Steel	66
91-450-G-T1	18	842	12040	18	18 1/4	18 1/8	12 1/16	1 3/4	1 5/8	4 5/16	20 9/16	13 13/16	Alloy Steel	82
91-450-H-T1	18	842	16490	18	18 1/4	18 1/8	12 1/16	2 1/16	1 7/8	5 1/8	20 15/16	13 13/16	Alloy Steel	97
91-450-I-T1	18	842	21650	18	18 1/4	18 7/8	12 5/8	2 5/16	2 3/16	5 1/2	22 3/16	14 3/4	Alloy Steel	134
91-450-J-T1	18	842	29890	18	18 1/4	19 11/16	12 9/16	2 9/16	2 1/2	6 5/16	23 7/16	14 11/16	Alloy Steel	159
91-450-K-T1	18	842	39460	18	18 1/4	21 1/4	13 1/8	2 3/4	2 13/16	7 1/16	25 1/2	15 9/16	Alloy Steel	227
91-500-B-T1	20	842	1230	20	20 5/16	18 7/8	11 11/16	11/16	5/8	2 3/8	19 13/16	12 5/8	Alloy Steel	18.1
91-500-C-T1	20	842	2290	20	20 5/16	18 7/8	12 1/16	3/4	13/16	2 3/8	20 1/16	13	Alloy Steel	26
91-500-D-T1	20	842	3590	20	20 5/16	18 7/8	12	15/16	15/16	3 1/8	20 5/16	12 15/16	Alloy Steel	37
91-500-E-T1	20	842	5200	20	20 5/16	18 7/8	12 3/8	1 1/8	1 3/16	3 1/8	20 11/16	13 9/16	Alloy Steel	46
91-500-F-T1	20	842	8270	20	20 5/16	18 7/8	12 15/16	1 9/16	1 7/16	3 9/16	21	14 5/16	Alloy Steel	71
91-500-G-T1	20	842	12040	20	20 5/16	18 7/8	13 1/8	1 3/4	1 5/8	4 5/16	21 3/8	14 15/16	Alloy Steel	88
91-500-H-T1	20	842	16490	20	20 5/16	18 7/8	13 1/8	2 1/16	1 7/8	5 1/2	21 3/4	14 7/8	Alloy Steel	110
91-500-I-T1	20	842	21650	20	20 5/16	20 1/16	13 11/16	2 5/16	2 3/16	5 1/2	23 3/8	15 13/16	Alloy Steel	146
91-500-J-T1	20	842	29890	20	20 5/16	21 1/4	14 1/4	2 9/16	2 1/2	6 5/16	25 1/16	16 3/4	Alloy Steel	209
91-500-K-T1	20	842	39460	20	20 5/16	22 1/16	14 3/16	2 3/4	2 13/16	7 1/16	26 5/16	16 11/16	Alloy Steel	240
91-500-L-T1	20	842	50130	20	20 5/16	22 7/16	15 1/16	3 1/16	3 1/8	7 7/8	27 3/16	18 3/8	Alloy Steel	324
91-550-C-T1	22	842	2290	22	22 5/16	20 1/16	13 1/16	3/4	13/16	2 3/8	21 1/4	14	Alloy Steel	29
91-550-D-T1	22	842	3590	22	22 5/16	20 1/16	13	15/16	15/16	3 1/8	21 1/2	13 15/16	Alloy Steel	40
91-550-E-T1	22	842	5200	22	22 5/16	20 1/16	13 3/8	1 1/8	1 3/16	3 9/16	21 7/8	14 9/16	Alloy Steel	55
91-550-F-T1	22	842	8270	22	22 5/16	20 1/16	13 15/16	1 9/16	1 7/16	3 9/16	22 3/16	15 3/8	Alloy Steel	75
91-550-G-T1	22	842	12040	22	22 5/16	20 1/16	14 3/16	1 3/4	1 5/8	4 5/16	22 9/16	15 15/16	Alloy Steel	93

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



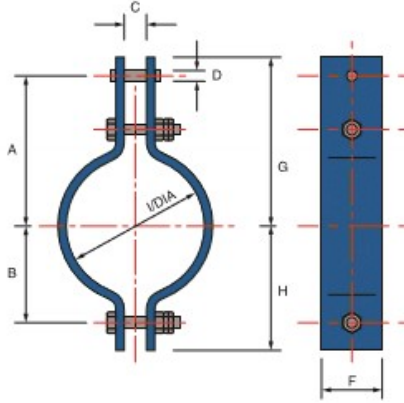
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-550-H-T1	22	842	16490	22	22 5/16	20 1/16	14 3/4	2 1/16	1 7/8	4 3/4	22 15/16	16 7/8	Alloy Steel	130
91-550-I-T1	22	842	21650	22	22 5/16	20 7/8	14 3/4	2 5/16	2 3/16	5 1/2	24 3/16	16 7/8	Alloy Steel	154
91-550-J-T1	22	842	29890	22	22 5/16	22 13/16	15 1/4	2 9/16	2 1/2	6 5/16	26 5/8	17 3/4	Alloy Steel	225
91-550-K-T1	22	842	39460	22	22 5/16	23 1/4	15 1/4	2 3/4	2 13/16	7 1/16	27 1/2	17 11/16	Alloy Steel	256
91-550-L-T1	22	842	50130	22	22 5/16	23 5/8	16 1/8	3 1/16	3 1/8	7 7/8	28 3/8	19 7/16	Alloy Steel	344
91-550-M-T1	22	842	63050	22	22 5/16	24 13/16	16 3/8	3 3/8	3 1/8	7 7/8	29 1/2	19 11/16	Alloy Steel	401
91-600-C-T1	24	842	2290	24	24 5/16	21 1/4	14 1/8	3/4	13/16	2 3/8	22 7/16	15 1/16	Alloy Steel	31
91-600-D-T1	24	842	3590	24	24 5/16	21 1/4	14 7/16	15/16	15/16	2 3/4	22 11/16	15 5/8	Alloy Steel	46
91-600-E-T1	24	842	5200	24	24 5/16	21 1/4	14 7/16	1 1/8	1 3/16	3 9/16	23 1/16	15 5/8	Alloy Steel	60
91-600-F-T1	24	842	8270	24	24 5/16	21 1/4	14 15/16	1 9/16	1 7/16	3 9/16	23 3/8	16 3/8	Alloy Steel	82
91-600-G-T1	24	842	12040	24	24 5/16	21 1/4	15 3/16	1 3/4	1 5/8	4 3/4	23 3/4	16 15/16	Alloy Steel	108
91-600-H-T1	24	842	16490	24	24 5/16	21 1/4	15 13/16	2 1/16	1 7/8	4 3/4	24 1/8	17 15/16	Alloy Steel	139
91-600-I-T1	24	842	21650	24	24 5/16	22 1/16	15 3/4	2 5/16	2 3/16	5 1/2	25 3/8	17 7/8	Alloy Steel	165
91-600-J-T1	24	842	29890	24	24 5/16	24	16 5/16	2 9/16	2 1/2	6 5/16	27 13/16	18 13/16	Alloy Steel	238
91-600-K-T1	24	842	39460	24	24 5/16	24 7/16	16 5/16	2 3/4	2 13/16	7 1/16	28 11/16	18 3/4	Alloy Steel	271
91-600-L-T1	24	842	50130	24	24 5/16	24 13/16	17 3/16	3 1/16	3 1/8	7 7/8	29 1/2	20 1/2	Alloy Steel	366
91-600-M-T1	24	842	63050	24	24 5/16	26	17 1/2	3 3/8	3 1/8	7 7/8	30 11/16	20 13/16	Alloy Steel	425
91-650-C-T1	26	842	2290	26	26 3/8	23 1/4	15 1/8	3/4	13/16	2 3/4	24 7/16	16 1/16	Alloy Steel	40
91-650-D-T1	26	842	3590	26	26 3/8	23 1/4	15 9/16	15/16	15/16	2 3/4	24 5/8	16 3/4	Alloy Steel	51
91-650-E-T1	26	842	5200	26	26 3/8	23 1/4	15 1/2	1 1/8	1 3/16	3 9/16	25	16 5/8	Alloy Steel	64
91-650-F-T1	26	842	8270	26	26 3/8	23 1/4	16	1 9/16	1 7/16	3 9/16	25 3/8	17 7/16	Alloy Steel	88
91-650-G-T1	26	842	12040	26	26 3/8	23 1/4	16 1/4	1 3/4	1 5/8	5 1/8	25 11/16	18 1/16	Alloy Steel	128
91-650-H-T1	26	842	16490	26	26 3/8	23 1/4	16 7/8	2 1/16	1 7/8	4 3/4	26 1/16	19	Alloy Steel	150
91-650-I-T1	26	842	21650	26	26 3/8	23 1/4	16 13/16	2 5/16	2 3/16	5 7/8	26 9/16	18 15/16	Alloy Steel	187
91-650-J-T1	26	842	29890	26	26 3/8	25 3/16	17 3/8	2 9/16	2 1/2	6 5/16	29	19 7/8	Alloy Steel	254
91-650-K-T1	26	842	39460	26	26 3/8	25 9/16	18	2 3/4	2 13/16	7 1/16	29 13/16	20 13/16	Alloy Steel	340
91-650-L-T1	26	842	50130	26	26 3/8	25 9/16	18 1/4	3 1/16	3 1/8	7 7/8	30 5/16	21 9/16	Alloy Steel	384
91-650-M-T1	26	842	63050	26	26 3/8	27 3/16	18 9/16	3 3/8	3 1/8	7 7/8	31 7/8	21 7/8	Alloy Steel	448
91-700-C-T1	28	842	2290	28	28 3/8	24	16 1/8	3/4	13/16	2 3/4	25 3/16	17 1/16	Alloy Steel	42
91-700-D-T1	28	842	3590	28	28 3/8	24	16 9/16	15/16	15/16	2 3/4	25 7/16	17 11/16	Alloy Steel	53
91-700-E-T1	28	842	5200	28	28 3/8	24	16 1/2	1 1/8	1 3/16	3 15/16	25 13/16	17 11/16	Alloy Steel	75
91-700-F-T1	28	842	8270	28	28 3/8	24	17 1/16	1 9/16	1 7/16	3 9/16	26 1/8	18 7/16	Alloy Steel	93
91-700-G-T1	28	842	12040	28	28 3/8	24	17 1/4	1 3/4	1 5/8	5 1/8	26 1/2	19	Alloy Steel	134
91-700-H-T1	28	842	16490	28	28 3/8	24	17 7/8	2 1/16	1 7/8	4 3/4	26 7/8	20	Alloy Steel	157
91-700-I-T1	28	842	21650	28	28 3/8	24 13/16	18 1/2	2 5/16	2 3/16	5 1/2	28 1/8	21	Alloy Steel	227
91-700-J-T1	28	842	29890	28	28 3/8	26	18 7/16	2 9/16	2 1/2	6 5/16	29 3/4	20 7/8	Alloy Steel	265
91-700-K-T1	28	842	39460	28	28 3/8	26 3/4	19	2 3/4	2 13/16	7 1/16	31	21 13/16	Alloy Steel	357
91-700-L-T1	28	842	50130	28	28 3/8	26 3/4	19 5/16	3 1/16	3 1/8	8 1/4	31 1/2	22 5/8	Alloy Steel	423
91-700-M-T1	28	842	63050	28	28 3/8	28 3/8	19 5/8	3 3/8	3 1/8	7 7/8	33 1/16	22 15/16	Alloy Steel	472
91-750-D-T1	30	842	3590	30	30 7/16	26	17 9/16	15/16	15/16	2 3/4	27 3/8	18 3/4	Alloy Steel	57
91-750-E-T1	30	842	5200	30	30 7/16	26	17 1/2	1 1/8	1 3/16	3 15/16	27 3/4	18 11/16	Alloy Steel	82
91-750-F-T1	30	842	8270	30	30 7/16	26	18 1/16	1 9/16	1 7/16	3 9/16	28 1/8	19 1/2	Alloy Steel	99
91-750-G-T1	30	842	12040	30	30 7/16	26	18 11/16	1 3/4	1 5/8	4 5/16	28 7/16	20 1/2	Alloy Steel	152
91-750-H-T1	30	842	16490	30	30 7/16	26	18 15/16	2 1/16	1 7/8	5 1/8	28 13/16	21 1/16	Alloy Steel	183
91-750-I-T1	30	842	21650	30	30 7/16	26	19 1/2	2 5/16	2 3/16	5 1/2	29 5/16	22	Alloy Steel	238
91-750-J-T1	30	842	29890	30	30 7/16	27 3/16	19 1/2	2 9/16	2 1/2	6 11/16	30 15/16	21 15/16	Alloy Steel	295
91-750-K-T1	30	842	39460	30	30 7/16	27 9/16	20 1/16	2 3/4	2 13/16	7 1/16	31 13/16	22 15/16	Alloy Steel	375
91-750-L-T1	30	842	50130	30	30 7/16	29 1/2	20 3/8	3 1/16	3 1/8	8 11/16	34 1/4	23 11/16	Alloy Steel	478
91-750-M-T1	30	842	63050	30	30 7/16	29 1/8	20 11/16	3 3/8	3 1/8	8 11/16	33 7/8	24	Alloy Steel	542

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



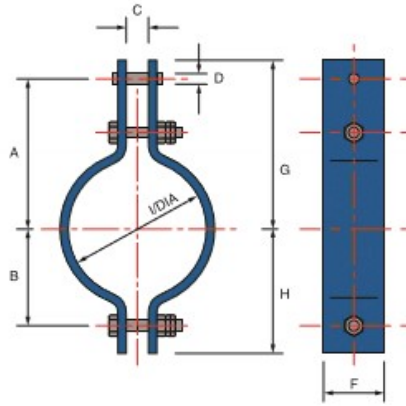
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-800-D-T1	32	842	3590	32	32 7/16	27 3/16	18 9/16	15/16	15/16	3 1/8	28 9/16	19 3/4	Alloy Steel	68
91-800-E-T1	32	842	5200	32	32 7/16	27 3/16	18 9/16	1 1/8	1 3/16	3 15/16	28 15/16	19 3/4	Alloy Steel	86
91-800-F-T1	32	842	8270	32	32 7/16	27 3/16	19 1/8	1 9/16	1 7/16	3 9/16	29 5/16	20 1/2	Alloy Steel	104
91-800-G-T1	32	842	12040	32	32 7/16	27 3/16	19 3/4	1 3/4	1 5/8	4 5/16	29 5/8	21 1/2	Alloy Steel	161
91-800-H-T1	32	842	16490	32	32 7/16	27 3/16	19 15/16	2 1/16	1 7/8	5 1/2	30	22 1/16	Alloy Steel	207
91-800-I-T1	32	842	21650	32	32 7/16	27 3/16	20 9/16	2 5/16	2 3/16	5 1/2	30 1/2	23 1/16	Alloy Steel	251
91-800-J-T1	32	842	29890	32	32 7/16	28 3/8	20 1/2	2 9/16	2 1/2	6 11/16	32 1/8	23	Alloy Steel	311
91-800-K-T1	32	842	39460	32	32 7/16	28 3/4	21 1/8	2 3/4	2 13/16	7 1/16	33	24	Alloy Steel	392
91-800-L-T1	32	842	50130	32	32 7/16	30 5/16	21 3/4	3 1/16	3 1/8	7 7/8	35 1/16	25 1/16	Alloy Steel	518
91-800-M-T1	32	842	63050	32	32 7/16	30 5/16	21 3/4	3 3/8	3 1/8	8 11/16	35 1/16	25 1/16	Alloy Steel	567
91-850-D-T1	34	842	3590	34	34 5/16	29 1/8	19 1/2	15/16	15/16	3 1/8	30 9/16	20 11/16	Alloy Steel	73
91-850-E-T1	34	842	5200	34	34 5/16	29 1/8	19 1/2	1 1/8	1 3/16	3 15/16	30 7/8	20 11/16	Alloy Steel	90
91-850-F-T1	34	842	8270	34	34 5/16	29 1/8	20 1/2	1 9/16	1 7/16	4 5/16	31 1/4	22 5/16	Alloy Steel	137
91-850-G-T1	34	842	12040	34	34 5/16	29 1/8	20 11/16	1 3/4	1 5/8	4 5/16	31 5/8	22 1/2	Alloy Steel	170
91-850-H-T1	34	842	16490	34	34 5/16	29 1/8	20 7/8	2 1/16	1 7/8	5 1/2	31 15/16	23 1/16	Alloy Steel	218
91-850-I-T1	34	842	21650	34	34 5/16	29 1/8	21 9/16	2 5/16	2 3/16	5 1/2	32 7/16	24	Alloy Steel	267
91-850-J-T1	34	842	29890	34	34 5/16	29 1/8	21 1/2	2 9/16	2 1/2	7 1/16	32 15/16	24	Alloy Steel	344
91-850-K-T1	34	842	39460	34	34 5/16	29 15/16	22 1/16	2 3/4	2 13/16	7 1/16	34 3/16	24 15/16	Alloy Steel	410
91-850-L-T1	34	842	50130	34	34 5/16	31 1/2	22 3/4	3 1/16	3 1/8	7 7/8	36 1/4	26 1/16	Alloy Steel	540
91-850-M-T1	34	842	63050	34	34 5/16	31 1/2	22 11/16	3 3/8	3 1/8	8 11/16	36 1/4	26	Alloy Steel	591
91-900-D-T1	36	842	3590	36	36 7/16	29 15/16	20 9/16	15/16	15/16	3 1/8	31 5/16	21 3/4	Alloy Steel	75
91-900-E-T1	36	842	5200	36	36 7/16	29 15/16	20 9/16	1 1/8	1 3/16	4 5/16	31 11/16	21 3/4	Alloy Steel	104
91-900-F-T1	36	842	8270	36	36 7/16	29 15/16	21 5/8	1 9/16	1 7/16	4 5/16	32 1/16	23 3/8	Alloy Steel	141
91-900-G-T1	36	842	12040	36	36 7/16	29 15/16	21 3/4	1 3/4	1 5/8	4 5/16	32 3/8	23 9/16	Alloy Steel	176
91-900-H-T1	36	842	16490	36	36 7/16	29 15/16	21 15/16	2 1/16	1 7/8	5 7/8	32 3/4	24 1/8	Alloy Steel	245
91-900-I-T1	36	842	21650	36	36 7/16	29 15/16	22 5/8	2 5/16	2 3/16	5 1/2	33 1/4	25 1/16	Alloy Steel	278
91-900-J-T1	36	842	29890	36	36 7/16	30 5/16	23	2 9/16	2 1/2	6 5/16	34 1/8	25 1/2	Alloy Steel	373
91-900-K-T1	36	842	39460	36	36 7/16	30 11/16	23 9/16	2 3/4	2 13/16	7 1/16	34 15/16	26 7/16	Alloy Steel	489
91-900-L-T1	36	842	50130	36	36 7/16	32 11/16	23 7/8	3 1/16	3 1/8	7 7/8	37 3/8	27 3/16	Alloy Steel	564
91-900-M-T1	36	842	63050	36	36 7/16	32 5/16	23 13/16	3 3/8	3 1/8	9 7/16	37	27 1/8	Alloy Steel	670
91-950-D-T1	38	842	3590	38	38 7/16	31 1/8	21 9/16	15/16	15/16	3 1/8	32 1/2	22 3/4	Alloy Steel	79
91-950-E-T1	38	842	5200	38	38 7/16	31 1/8	21 9/16	1 1/8	1 3/16	4 5/16	32 7/8	22 11/16	Alloy Steel	110
91-950-F-T1	38	842	8270	38	38 7/16	31 1/8	22 5/8	1 9/16	1 7/16	4 3/4	33 1/4	24 3/8	Alloy Steel	161
91-950-G-T1	38	842	12040	38	38 7/16	31 1/8	22 3/4	1 3/4	1 5/8	4 5/16	33 9/16	24 1/2	Alloy Steel	185
91-950-H-T1	38	842	16490	38	38 7/16	31 1/8	23	2 1/16	1 7/8	5 7/8	33 15/16	25 1/8	Alloy Steel	256
91-950-I-T1	38	842	21650	38	38 7/16	31 1/8	23 5/8	2 5/16	2 3/16	5 1/2	34 7/16	26 1/8	Alloy Steel	289
91-950-J-T1	38	842	29890	38	38 7/16	31 1/8	24	2 9/16	2 1/2	6 5/16	34 7/8	26 7/16	Alloy Steel	388
91-950-K-T1	38	842	39460	38	38 7/16	32 11/16	24 5/8	2 3/4	2 13/16	7 1/16	36 15/16	27 7/16	Alloy Steel	514
91-950-L-T1	38	842	50130	38	38 7/16	33 7/16	24 7/8	3 1/16	3 1/8	7 7/8	38 3/16	28 3/16	Alloy Steel	584
91-950-M-T1	38	842	63050	38	38 7/16	33 7/16	24 13/16	3 3/8	3 1/8	9 13/16	38 3/16	28 1/8	Alloy Steel	728
91-1000-D-T1	40	842	3590	40	40 3/8	32 5/16	22 9/16	15/16	15/16	3 1/8	33 11/16	23 3/4	Alloy Steel	84
91-1000-E-T1	40	842	5200	40	40 3/8	32 5/16	22 9/16	1 1/8	1 3/16	4 5/16	34 1/16	23 3/4	Alloy Steel	115
91-1000-F-T1	40	842	8270	40	40 3/8	32 5/16	23 9/16	1 9/16	1 7/16	4 3/4	34 7/16	25 3/8	Alloy Steel	168
91-1000-G-T1	40	842	12040	40	40 3/8	32 5/16	23 3/4	1 3/4	1 5/8	4 5/16	34 3/4	25 9/16	Alloy Steel	194
91-1000-H-T1	40	842	16490	40	40 3/8	32 5/16	24	2 1/16	1 7/8	5 7/8	35 1/8	26 1/8	Alloy Steel	267
91-1000-I-T1	40	842	21650	40	40 3/8	32 5/16	24 5/8	2 5/16	2 3/16	5 7/8	35 9/16	27 1/16	Alloy Steel	322
91-1000-J-T1	40	842	29890	40	40 3/8	32 5/16	25	2 9/16	2 1/2	6 5/16	36 1/16	27 1/2	Alloy Steel	403
91-1000-K-T1	40	842	39460	40	40 3/8	33 7/8	25 9/16	2 3/4	2 13/16	7 1/16	38 1/8	28 7/16	Alloy Steel	536
91-1000-L-T1	40	842	50130	40	40 3/8	34 5/8	25 7/8	3 1/16	3 1/8	8 1/4	39 3/8	29 3/16	Alloy Steel	637
91-1000-M-T1	40	842	63050	40	40 3/8	34 5/8	25 7/8	3 3/8	3 1/8	9 13/16	39 3/8	29 3/16	Alloy Steel	756

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



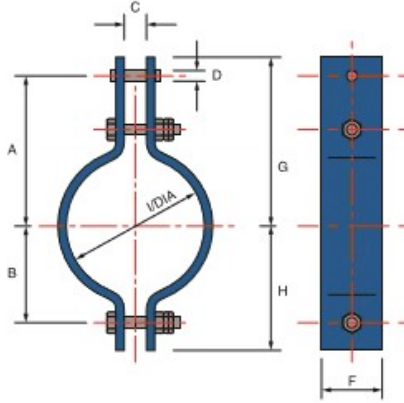
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-15-A-T2	1/2	1022	840	0.84	7/8	4 5/16	1 3/16	9/16	1/2	1 3/16	5 1/16	1 7/8	Alloy Steel	1.1
91-20-A-T2	3/4	1022	840	1.05	1 1/8	4 5/16	1 3/8	9/16	1/2	1 3/16	5 1/16	2 1/16	Alloy Steel	1.1
91-25-A-T2	1	1022	840	1.31	1 7/16	4 3/4	1 9/16	9/16	1/2	1 3/16	5 7/16	2 5/16	Alloy Steel	1.3
91-32-A-T2	1 1/4	1022	840	1.67	1 3/4	4 3/4	1 13/16	9/16	1/2	1 3/16	5 7/16	2 1/2	Alloy Steel	1.3
91-40-A-T2	1 1/2	1022	840	1.9	1 15/16	4 3/4	1 15/16	9/16	1/2	1 9/16	5 7/16	2 11/16	Alloy Steel	1.8
91-50-A-T2	2	1022	840	2.37	2 7/16	5 1/8	2 3/16	9/16	5/8	1 9/16	6 1/16	2 15/16	Alloy Steel	2
91-50-B-T2	2	1022	1230	2.37	2 7/16	5 1/8	2 5/16	11/16	5/8	1 9/16	6 1/16	3 1/16	Alloy Steel	2.6
91-65-A-T2	2 1/2	1022	840	2.87	3 1/8	5 7/8	2 3/4	9/16	5/8	1 9/16	6 7/8	3 7/16	Alloy Steel	3.1
91-65-B-T2	2 1/2	1022	1230	2.87	3 1/8	5 7/8	2 11/16	11/16	5/8	1 9/16	6 7/8	3 7/16	Alloy Steel	3.1
91-80-A-T2	3	1022	840	3.5	3 5/8	6 5/16	3	9/16	5/8	1 9/16	7 1/4	3 11/16	Alloy Steel	3.5
91-80-B-T2	3	1022	1230	3.5	3 5/8	6 5/16	3 1/8	11/16	5/8	1 9/16	7 1/4	3 13/16	Alloy Steel	4.2
91-90-A-T2	3 1/2	1022	840	4	4 3/16	7 1/16	3 5/16	9/16	5/8	1 9/16	8 1/16	4	Alloy Steel	3.7
91-90-B-T2	3 1/2	1022	1230	4	4 3/16	7 1/16	3 7/16	11/16	5/8	1 9/16	8 1/16	4 1/8	Alloy Steel	4.9
91-100-A-T2	4	1022	840	4.5	4 5/8	7 1/2	3 9/16	9/16	5/8	1 9/16	8 7/16	4 1/4	Alloy Steel	4
91-100-B-T2	4	1022	1230	4.5	4 5/8	7 1/2	3 11/16	11/16	5/8	1 9/16	8 7/16	4 3/8	Alloy Steel	5.1
91-100-C-T2	4	1022	2290	4.5	4 5/8	7 1/2	3 15/16	3/4	13/16	1 15/16	8 11/16	4 7/8	Alloy Steel	7.9
91-125-A-T2	5	1022	840	5.5	5 11/16	8 1/4	4 1/4	9/16	5/8	1 9/16	9 3/16	4 15/16	Alloy Steel	5.7
91-125-B-T2	5	1022	1230	5.5	5 11/16	8 1/4	4 3/16	11/16	5/8	1 15/16	9 3/16	4 15/16	Alloy Steel	7.1
91-125-C-T2	5	1022	2290	5.5	5 11/16	8 1/4	4 1/2	3/4	13/16	2 3/8	9 7/16	5 7/16	Alloy Steel	10.6
91-150-A-T2	6	1022	840	6.63	6 3/4	9 7/16	4 13/16	9/16	5/8	1 9/16	10 3/8	5 9/16	Alloy Steel	6.6
91-150-B-T2	6	1022	1230	6.63	6 3/4	9 7/16	4 13/16	11/16	5/8	1 15/16	10 3/8	5 1/2	Alloy Steel	8.2
91-150-C-T2	6	1022	2290	6.63	6 3/4	9 7/16	5 1/8	3/4	13/16	2 3/4	10 5/8	6 1/16	Alloy Steel	14.3
91-150-D-T2	6	1022	3590	6.63	6 3/4	9 7/16	5 1/4	15/16	15/16	3 1/8	10 7/8	6 1/4	Alloy Steel	21
91-175-A-T2	7	1022	840	7.63	7 13/16	10 1/4	5 3/8	9/16	5/8	1 9/16	11 3/16	6 1/16	Alloy Steel	7.3
91-175-B-T2	7	1022	1230	7.63	7 13/16	10 1/4	5 3/8	11/16	5/8	2 3/8	11 3/16	6 1/16	Alloy Steel	10.8
91-175-C-T2	7	1022	2290	7.63	7 13/16	10 1/4	5 5/8	3/4	13/16	2 3/4	11 7/16	6 9/16	Alloy Steel	15.7
91-175-D-T2	7	1022	3590	7.63	7 13/16	10 1/4	5 13/16	15/16	15/16	3 1/8	11 5/8	6 3/4	Alloy Steel	22
91-175-E-T2	7	1022	5200	7.63	7 13/16	10 1/4	6 1/4	1 1/8	1 3/16	3 1/8	12	7 7/16	Alloy Steel	31
91-200-A-T2	8	1022	840	8.63	8 13/16	11 7/16	5 7/8	9/16	5/8	1 15/16	12 3/8	6 5/8	Alloy Steel	10.1
91-200-B-T2	8	1022	1230	8.63	8 13/16	11 7/16	5 7/8	11/16	5/8	2 3/8	12 3/8	6 9/16	Alloy Steel	11.9
91-200-C-T2	8	1022	2290	8.63	8 13/16	11 7/16	6 3/16	3/4	13/16	2 3/4	12 5/8	7 1/8	Alloy Steel	17.2
91-200-D-T2	8	1022	3590	8.63	8 13/16	11 7/16	6 3/8	15/16	15/16	3 9/16	12 13/16	7 5/16	Alloy Steel	29
91-200-E-T2	8	1022	5200	8.63	8 13/16	11 7/16	6 13/16	1 1/8	1 3/16	3 1/8	13 3/16	8	Alloy Steel	35
91-200-F-T2	8	1022	8270	8.63	8 13/16	11 7/16	6 11/16	1 9/16	1 7/16	3 15/16	13 9/16	7 7/8	Alloy Steel	42
91-225-A-T2	9	1022	840	9.63	9 3/4	11 13/16	6 3/8	9/16	5/8	1 15/16	12 3/4	7 1/16	Alloy Steel	10.6
91-225-B-T2	9	1022	1230	9.63	9 3/4	11 13/16	6 9/16	11/16	5/8	1 15/16	12 3/4	7 1/4	Alloy Steel	12.8
91-225-C-T2	9	1022	2290	9.63	9 3/4	11 13/16	6 5/8	3/4	13/16	3 1/8	13	7 5/8	Alloy Steel	21
91-225-D-T2	9	1022	3590	9.63	9 3/4	11 13/16	6 7/8	15/16	15/16	3 9/16	13 1/4	7 13/16	Alloy Steel	29
91-225-E-T2	9	1022	5200	9.63	9 3/4	11 13/16	7 5/16	1 1/8	1 3/16	3 1/8	13 9/16	8 1/2	Alloy Steel	35
91-225-F-T2	9	1022	8270	9.63	9 3/4	11 13/16	7 1/4	1 9/16	1 7/16	4 5/16	13 15/16	8 7/16	Alloy Steel	51
91-250-A-T2	10	1022	840	10.75	10 15/16	13	6 15/16	9/16	5/8	1 15/16	13 15/16	7 11/16	Alloy Steel	11.7
91-250-B-T2	10	1022	1230	10.75	10 15/16	13	7 1/8	11/16	5/8	1 15/16	13 15/16	7 13/16	Alloy Steel	14.1
91-250-C-T2	10	1022	2290	10.75	10 15/16	13	7 1/2	3/4	13/16	2 3/4	14 3/16	8 7/16	Alloy Steel	24
91-250-D-T2	10	1022	3590	10.75	10 15/16	13	7 1/2	15/16	15/16	3 15/16	14 7/16	8 7/16	Alloy Steel	35
91-250-E-T2	10	1022	5200	10.75	10 15/16	13	7 15/16	1 1/8	1 3/16	3 9/16	14 3/4	9 1/8	Alloy Steel	44
91-250-F-T2	10	1022	8270	10.75	10 15/16	13	8 3/16	1 9/16	1 7/16	3 9/16	15 1/8	9 3/8	Alloy Steel	55
91-250-G-T2	10	1022	12040	10.75	10 15/16	13	8 1/4	1 3/4	1 5/8	4 3/4	15 1/2	9 11/16	Alloy Steel	75
91-300-A-T2	12	1022	840	12.75	13	15 3/8	8 1/16	9/16	5/8	1 15/16	16 5/16	8 3/4	Alloy Steel	13.7
91-300-B-T2	12	1022	1230	12.75	13	15 3/8	8 3/16	11/16	5/8	2 3/8	16 5/16	8 7/8	Alloy Steel	19.8
91-300-C-T2	12	1022	2290	12.75	13	15 3/8	8 9/16	3/4	13/16	2 3/4	16 9/16	9 1/2	Alloy Steel	29

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



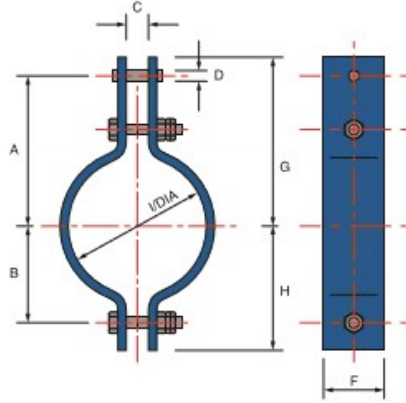
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-300-D-T2	12	1022	3590	12.75	13	15 3/8	8 9/16	15/16	15/16	3 15/16	16 3/4	9 1/2	Alloy Steel	42
91-300-E-T2	12	1022	5200	12.75	13	15 3/8	9 1/16	1 1/8	1 3/16	3 15/16	17 1/8	10 1/4	Alloy Steel	57
91-300-F-T2	12	1022	8270	12.75	13	15 3/8	9 5/16	1 9/16	1 7/16	3 9/16	17 1/2	10 1/2	Alloy Steel	64
91-300-G-T2	12	1022	12040	12.75	13	15 3/8	9 7/16	1 3/4	1 5/8	4 3/4	17 13/16	10 13/16	Alloy Steel	88
91-300-H-T2	12	1022	16490	12.75	13	15 3/8	9 15/16	2 1/16	1 7/8	5 1/8	18 3/16	11 11/16	Alloy Steel	117
91-350-A-T2	14	1022	840	14	14 1/4	16 9/16	8 11/16	9/16	5/8	2 3/8	17 1/2	9 3/8	Alloy Steel	17.9
91-350-B-T2	14	1022	1230	14	14 1/4	16 9/16	8 13/16	11/16	5/8	2 3/8	17 1/2	9 1/2	Alloy Steel	21
91-350-C-T2	14	1022	2290	14	14 1/4	16 9/16	9 3/16	3/4	13/16	3 1/8	17 11/16	10 3/16	Alloy Steel	35
91-350-D-T2	14	1022	3590	14	14 1/4	16 9/16	9 3/16	15/16	15/16	3 15/16	17 15/16	10 1/8	Alloy Steel	46
91-350-E-T2	14	1022	5200	14	14 1/4	16 9/16	10 1/16	1 1/8	1 3/16	3 1/8	18 5/16	11 1/4	Alloy Steel	62
91-350-F-T2	14	1022	8270	14	14 1/4	16 9/16	10	1 9/16	1 7/16	3 9/16	18 11/16	11 3/16	Alloy Steel	71
91-350-G-T2	14	1022	12040	14	14 1/4	16 9/16	10 1/8	1 3/4	1 5/8	5 1/8	19	11 9/16	Alloy Steel	101
91-350-H-T2	14	1022	16490	14	14 1/4	16 9/16	10 5/8	2 1/16	1 7/8	5 1/8	19 3/8	12 3/8	Alloy Steel	126
91-350-I-T2	14	1022	21650	14	14 1/4	16 9/16	11 1/8	2 5/16	2 3/16	5 7/8	19 13/16	13 1/4	Alloy Steel	174
91-400-A-T2	16	1022	840	16	16 1/4	18 1/8	9 5/8	9/16	5/8	2 3/8	19 1/16	10 3/8	Alloy Steel	19.6
91-400-B-T2	16	1022	1230	16	16 1/4	18 1/8	9 15/16	11/16	5/8	2 3/4	19 1/16	10 7/8	Alloy Steel	29
91-400-C-T2	16	1022	2290	16	16 1/4	18 1/8	10 3/16	3/4	13/16	3 1/8	19 5/16	11 1/8	Alloy Steel	40
91-400-D-T2	16	1022	3590	16	16 1/4	18 1/8	10 9/16	15/16	15/16	3 9/16	19 1/2	11 9/16	Alloy Steel	60
91-400-E-T2	16	1022	5200	16	16 1/4	18 1/8	11 1/8	1 1/8	1 3/16	3 1/8	19 7/8	12 5/16	Alloy Steel	68
91-400-F-T2	16	1022	8270	16	16 1/4	18 1/8	11 3/16	1 9/16	1 7/16	3 15/16	20 1/4	12 5/8	Alloy Steel	86
91-400-G-T2	16	1022	12040	16	16 1/4	18 1/8	11 1/8	1 3/4	1 5/8	5 1/2	20 9/16	12 9/16	Alloy Steel	121
91-400-H-T2	16	1022	16490	16	16 1/4	18 1/8	11 11/16	2 1/16	1 7/8	5 1/2	20 15/16	13 7/16	Alloy Steel	150
91-400-I-T2	16	1022	21650	16	16 1/4	18 1/8	12 1/2	2 5/16	2 3/16	5 1/2	21 7/16	14 5/8	Alloy Steel	205
91-400-J-T2	16	1022	29890	16	16 1/4	19 5/16	13	2 9/16	2 1/2	6 5/16	23 1/16	15 1/2	Alloy Steel	278
91-450-B-T2	18	1022	1230	18	18 1/4	18 7/8	11	11/16	5/8	2 15/16	19 13/16	11 15/16	Alloy Steel	33
91-450-C-T2	18	1022	2290	18	18 1/4	18 7/8	11 1/4	3/4	13/16	3 1/8	20 1/16	12 3/16	Alloy Steel	44
91-450-D-T2	18	1022	3590	18	18 1/4	18 7/8	11 5/8	15/16	15/16	3 9/16	20 5/16	12 5/8	Alloy Steel	66
91-450-E-T2	18	1022	5200	18	18 1/4	18 7/8	12 3/16	1 1/8	1 3/16	3 1/8	20 11/16	13 3/8	Alloy Steel	73
91-450-F-T2	18	1022	8270	18	18 1/4	18 7/8	12 5/8	1 9/16	1 7/16	3 9/16	21	14	Alloy Steel	101
91-450-G-T2	18	1022	12040	18	18 1/4	18 7/8	12 5/8	1 3/4	1 5/8	4 3/4	21 3/8	14	Alloy Steel	134
91-450-H-T2	18	1022	16490	18	18 1/4	18 7/8	13 1/8	2 1/16	1 7/8	4 3/4	21 3/4	14 7/8	Alloy Steel	161
91-450-I-T2	18	1022	21650	18	18 1/4	19 11/16	13 5/8	2 5/16	2 3/16	5 1/2	23	15 3/4	Alloy Steel	223
91-450-J-T2	18	1022	29890	18	18 1/4	20 1/2	14 1/8	2 9/16	2 1/2	6 5/16	24 1/4	16 5/8	Alloy Steel	298
91-450-K-T2	18	1022	39460	18	18 1/4	21 1/4	14 1/4	2 3/4	2 13/16	7 1/16	25 1/2	16 3/4	Alloy Steel	381
91-500-B-T2	20	1022	1230	20	20 5/16	20 1/16	12 1/16	11/16	5/8	3 1/8	21	13	Alloy Steel	37
91-500-C-T2	20	1022	2290	20	20 5/16	20 1/16	12 5/16	3/4	13/16	3 9/16	21 1/4	13 1/4	Alloy Steel	53
91-500-D-T2	20	1022	3590	20	20 5/16	20 1/16	12 11/16	15/16	15/16	3 9/16	21 1/2	13 5/8	Alloy Steel	71
91-500-E-T2	20	1022	5200	20	20 5/16	20 1/16	13 1/4	1 1/8	1 3/16	3 9/16	21 7/8	14 7/16	Alloy Steel	90
91-500-F-T2	20	1022	8270	20	20 5/16	20 1/16	13 11/16	1 9/16	1 7/16	3 9/16	22 3/16	15 1/8	Alloy Steel	108
91-500-G-T2	20	1022	12040	20	20 5/16	20 1/16	13 11/16	1 3/4	1 5/8	4 3/4	22 9/16	15 1/16	Alloy Steel	146
91-500-H-T2	20	1022	16490	20	20 5/16	20 1/16	14 3/16	2 1/16	1 7/8	5 1/8	22 15/16	16	Alloy Steel	187
91-500-I-T2	20	1022	21650	20	20 5/16	20 1/2	14 3/4	2 5/16	2 3/16	5 7/8	23 3/4	16 7/8	Alloy Steel	254
91-500-J-T2	20	1022	29890	20	20 5/16	21 1/4	15 1/4	2 9/16	2 1/2	6 11/16	25 1/16	17 11/16	Alloy Steel	337
91-500-K-T2	20	1022	39460	20	20 5/16	22 1/16	15 1/2	2 3/4	2 13/16	7 1/16	26 5/16	18	Alloy Steel	406
91-500-L-T2	20	1022	50130	20	20 5/16	22 7/16	16 5/16	3 1/16	3 1/8	7 7/8	27 3/16	19 1/8	Alloy Steel	558
91-550-C-T2	22	1022	2290	22	22 5/16	21 1/4	13 1/4	3/4	13/16	3 9/16	22 7/16	14 3/16	Alloy Steel	57
91-550-D-T2	22	1022	3590	22	22 5/16	21 1/4	13 11/16	15/16	15/16	3 15/16	22 11/16	14 5/8	Alloy Steel	84
91-550-E-T2	22	1022	5200	22	22 5/16	21 1/4	14 3/16	1 1/8	1 3/16	3 9/16	23 1/16	15 3/8	Alloy Steel	97
91-550-F-T2	22	1022	8270	22	22 5/16	21 1/4	14 3/4	1 9/16	1 7/16	3 15/16	23 3/8	16 1/8	Alloy Steel	130
91-550-G-T2	22	1022	12040	22	22 5/16	21 1/4	14 11/16	1 3/4	1 5/8	4 3/4	23 3/4	16 1/8	Alloy Steel	157

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



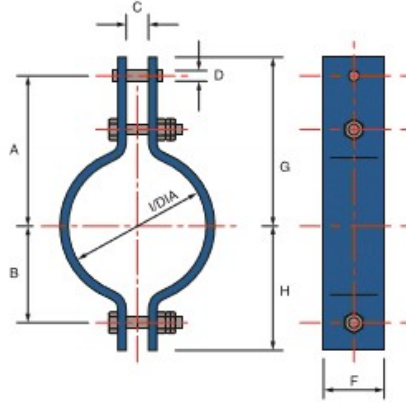
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-550-H-T2	22	1022	16490	22	22 5/16	21 1/4	15 1/4	2 1/16	1 7/8	5 1/2	24 1/8	17	Alloy Steel	216
91-550-I-T2	22	1022	21650	22	22 5/16	21 5/8	15 13/16	2 5/16	2 3/16	6 5/16	24 15/16	17 15/16	Alloy Steel	289
91-550-J-T2	22	1022	29890	22	22 5/16	22 1/4	16 5/16	2 9/16	2 1/2	7 1/16	26 1/4	18 3/4	Alloy Steel	379
91-550-K-T2	22	1022	39460	22	22 5/16	23 1/4	16 5/8	2 3/4	2 13/16	7 7/8	27 1/2	19 1/8	Alloy Steel	478
91-550-L-T2	22	1022	50130	22	22 5/16	24 7/16	17 3/8	3 1/16	3 1/8	7 7/8	29 1/8	20 1/4	Alloy Steel	600
91-550-M-T2	22	1022	63050	22	22 5/16	24 13/16	17 5/8	3 3/8	3 1/8	8 11/16	29 1/2	20 15/16	Alloy Steel	670
91-600-C-T2	24	1022	2290	24	24 5/16	22 1/16	14 5/16	3/4	13/16	3 15/16	23 1/4	15 1/4	Alloy Steel	66
91-600-D-T2	24	1022	3590	24	24 5/16	22 1/16	14 3/4	15/16	15/16	3 15/16	23 7/16	15 11/16	Alloy Steel	90
91-600-E-T2	24	1022	5200	24	24 5/16	22 1/16	15 1/4	1 1/8	1 3/16	3 15/16	23 13/16	16 7/16	Alloy Steel	112
91-600-F-T2	24	1022	8270	24	24 5/16	22 1/16	15 3/4	1 9/16	1 7/16	3 15/16	24 3/16	17 3/16	Alloy Steel	137
91-600-G-T2	24	1022	12040	24	24 5/16	22 1/16	16 5/16	1 3/4	1 5/8	4 5/16	24 1/2	18 1/8	Alloy Steel	179
91-600-H-T2	24	1022	16490	24	24 5/16	22 1/16	16 5/16	2 1/16	1 7/8	5 7/8	24 7/8	18 1/16	Alloy Steel	245
91-600-I-T2	24	1022	21650	24	24 5/16	22 13/16	17 3/16	2 5/16	2 3/16	5 1/2	26 1/8	19 5/16	Alloy Steel	304
91-600-J-T2	24	1022	29890	24	24 5/16	24	17 3/4	2 9/16	2 1/2	6 5/16	27 13/16	20 1/4	Alloy Steel	401
91-600-K-T2	24	1022	39460	24	24 5/16	24 7/16	17 11/16	2 3/4	2 13/16	8 1/4	28 11/16	20 3/16	Alloy Steel	534
91-600-L-T2	24	1022	50130	24	24 5/16	25 9/16	18 9/16	3 1/16	3 1/8	7 7/8	30 5/16	21 3/8	Alloy Steel	635
91-600-M-T2	24	1022	63050	24	24 5/16	26	18 3/4	3 3/8	3 1/8	9 7/16	30 11/16	22 1/16	Alloy Steel	774
91-650-C-T2	26	1022	2290	26	26 3/8	24	15 3/8	3/4	13/16	3 15/16	25 3/16	16 5/16	Alloy Steel	73
91-650-D-T2	26	1022	3590	26	26 3/8	24	15 3/4	15/16	15/16	3 15/16	25 7/16	16 11/16	Alloy Steel	97
91-650-E-T2	26	1022	5200	26	26 3/8	24	16 5/16	1 1/8	1 3/16	3 15/16	25 13/16	17 1/2	Alloy Steel	123
91-650-F-T2	26	1022	8270	26	26 3/8	24	16 13/16	1 9/16	1 7/16	4 5/16	26 1/8	18 1/4	Alloy Steel	163
91-650-G-T2	26	1022	12040	26	26 3/8	24	17 3/8	1 3/4	1 5/8	4 3/4	26 1/2	19 3/16	Alloy Steel	212
91-650-H-T2	26	1022	16490	26	26 3/8	24	18	2 1/16	1 7/8	5 1/2	26 7/8	20 1/8	Alloy Steel	284
91-650-I-T2	26	1022	21650	26	26 3/8	24	18 5/16	2 5/16	2 3/16	5 1/2	27 5/16	20 7/16	Alloy Steel	324
91-650-J-T2	26	1022	29890	26	26 3/8	25 3/16	18 7/8	2 9/16	2 1/2	6 11/16	29	21 5/16	Alloy Steel	452
91-650-K-T2	26	1022	39460	26	26 3/8	26 3/8	19 3/4	2 3/4	2 13/16	7 1/16	30 5/8	22 9/16	Alloy Steel	597
91-650-L-T2	26	1022	50130	26	26 3/8	26 3/8	19 5/8	3 1/16	3 1/8	7 7/8	31 1/8	22 1/2	Alloy Steel	666
91-650-M-T2	26	1022	63050	26	26 3/8	27 3/16	19 15/16	3 3/8	3 1/8	9 13/16	31 7/8	23 1/4	Alloy Steel	851
91-700-C-T2	28	1022	2290	28	28 3/8	25 3/16	16 3/8	3/4	13/16	4 5/16	26 3/8	17 5/16	Alloy Steel	84
91-700-D-T2	28	1022	3590	28	28 3/8	25 3/16	16 15/16	15/16	15/16	4 5/16	26 5/8	18 1/8	Alloy Steel	112
91-700-E-T2	28	1022	5200	28	28 3/8	25 3/16	17 5/16	1 1/8	1 3/16	3 15/16	26 15/16	18 1/2	Alloy Steel	130
91-700-F-T2	28	1022	8270	28	28 3/8	25 3/16	18 7/16	1 9/16	1 7/16	3 9/16	27 5/16	20 1/4	Alloy Steel	168
91-700-G-T2	28	1022	12040	28	28 3/8	25 3/16	18 7/16	1 3/4	1 5/8	5 1/8	27 11/16	20 1/4	Alloy Steel	243
91-700-H-T2	28	1022	16490	28	28 3/8	25 3/16	19	2 1/16	1 7/8	5 1/2	28 1/16	21 1/8	Alloy Steel	302
91-700-I-T2	28	1022	21650	28	28 3/8	25 3/16	19 3/4	2 5/16	2 3/16	5 1/2	28 1/2	21 7/8	Alloy Steel	381
91-700-J-T2	28	1022	29890	28	28 3/8	26	19 15/16	2 9/16	2 1/2	7 1/16	29 3/4	22 3/8	Alloy Steel	503
91-700-K-T2	28	1022	39460	28	28 3/8	27 9/16	20 13/16	2 3/4	2 13/16	7 1/16	31 13/16	23 5/8	Alloy Steel	628
91-700-L-T2	28	1022	50130	28	28 3/8	27 9/16	20 3/4	3 1/16	3 1/8	8 11/16	32 5/16	23 9/16	Alloy Steel	772
91-700-M-T2	28	1022	63050	28	28 3/8	28 3/8	21	3 3/8	3 1/8	10 1/4	33 1/16	24 5/16	Alloy Steel	928
91-750-D-T2	30	1022	3590	30	30 7/16	27 3/16	17 15/16	15/16	15/16	4 5/16	28 9/16	19 1/8	Alloy Steel	121
91-750-E-T2	30	1022	5200	30	30 7/16	27 3/16	18 3/8	1 1/8	1 3/16	3 15/16	28 15/16	19 9/16	Alloy Steel	139
91-750-F-T2	30	1022	8270	30	30 7/16	27 3/16	19 1/2	1 9/16	1 7/16	3 9/16	29 5/16	21 5/16	Alloy Steel	179
91-750-G-T2	30	1022	12040	30	30 7/16	27 3/16	19 1/2	1 3/4	1 5/8	5 1/8	29 5/8	21 5/16	Alloy Steel	258
91-750-H-T2	30	1022	16490	30	30 7/16	27 3/16	20 1/16	2 1/16	1 7/8	5 1/2	30	22 3/16	Alloy Steel	322
91-750-I-T2	30	1022	21650	30	30 7/16	27 3/16	20 13/16	2 5/16	2 3/16	5 1/2	30 1/2	22 15/16	Alloy Steel	406
91-750-J-T2	30	1022	29890	30	30 7/16	27 3/16	21	2 9/16	2 1/2	7 1/2	30 15/16	23 7/16	Alloy Steel	558
91-750-K-T2	30	1022	39460	30	30 7/16	28 3/8	21 7/8	2 3/4	2 13/16	7 1/2	32 5/8	24 3/4	Alloy Steel	692
91-750-L-T2	30	1022	50130	30	30 7/16	28 3/4	21 7/8	3 1/16	3 1/8	8 11/16	33 7/16	24 11/16	Alloy Steel	809
91-750-M-T2	30	1022	63050	30	30 7/16	29 1/8	22 1/16	3 3/8	3 1/8	11 13/16	33 7/8	25 3/8	Alloy Steel	1118
91-800-D-T2	32	1022	3590	32	32 7/16	27 15/16	19	15/16	15/16	4 5/16	29 3/8	20 3/16	Alloy Steel	128

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



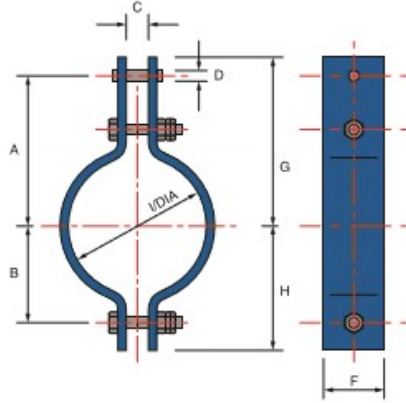
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-800-E-T2	32	1022	5200	32	32 7/16	27 15/16	19 15/16	1 1/8	1 3/16	3 9/16	29 3/4	21 3/8	Alloy Steel	159
91-800-F-T2	32	1022	8270	32	32 7/16	27 15/16	20 9/16	1 9/16	1 7/16	3 15/16	30 1/16	22 5/16	Alloy Steel	207
91-800-G-T2	32	1022	12040	32	32 7/16	27 15/16	20 9/16	1 3/4	1 5/8	5 1/8	30 7/16	22 5/16	Alloy Steel	269
91-800-H-T2	32	1022	16490	32	32 7/16	27 15/16	21 1/8	2 1/16	1 7/8	5 7/8	30 13/16	23 1/4	Alloy Steel	359
91-800-I-T2	32	1022	21650	32	32 7/16	27 15/16	21 7/8	2 5/16	2 3/16	5 7/8	31 1/4	24	Alloy Steel	454
91-800-J-T2	32	1022	29890	32	32 7/16	28 3/8	22 3/4	2 9/16	2 1/2	6 5/16	32 1/8	25 1/4	Alloy Steel	593
91-800-K-T2	32	1022	39460	32	32 7/16	29 1/2	22 15/16	2 3/4	2 13/16	7 1/2	33 3/4	25 13/16	Alloy Steel	725
91-800-L-T2	32	1022	50130	32	32 7/16	30 5/16	23 9/16	3 1/16	3 1/8	8 11/16	35 1/16	26 7/8	Alloy Steel	937
91-800-M-T2	32	1022	63050	32	32 7/16	30 5/16	23 1/8	3 3/8	3 1/8	12 3/16	35 1/16	26 7/16	Alloy Steel	1210
91-850-D-T2	34	1022	3590	34	34 5/16	29 15/16	19 15/16	15/16	15/16	4 3/4	31 5/16	21 1/8	Alloy Steel	148
91-850-E-T2	34	1022	5200	34	34 5/16	29 15/16	20 15/16	1 1/8	1 3/16	3 9/16	31 11/16	22 3/8	Alloy Steel	168
91-850-F-T2	34	1022	8270	34	34 5/16	29 15/16	21 9/16	1 9/16	1 7/16	3 15/16	32 1/16	23 5/16	Alloy Steel	218
91-850-G-T2	34	1022	12040	34	34 5/16	29 15/16	21 1/2	1 3/4	1 5/8	5 1/2	32 3/8	23 1/4	Alloy Steel	306
91-850-H-T2	34	1022	16490	34	34 5/16	29 15/16	22 1/2	2 1/16	1 7/8	5 1/2	32 3/4	24 5/8	Alloy Steel	401
91-850-I-T2	34	1022	21650	34	34 5/16	29 15/16	22 13/16	2 5/16	2 3/16	5 7/8	33 1/4	24 15/16	Alloy Steel	481
91-850-J-T2	34	1022	29890	34	34 5/16	29 15/16	23 3/4	2 9/16	2 1/2	6 5/16	33 11/16	26 1/4	Alloy Steel	624
91-850-K-T2	34	1022	39460	34	34 5/16	30 11/16	23 15/16	2 3/4	2 13/16	7 7/8	34 15/16	26 3/4	Alloy Steel	798
91-850-L-T2	34	1022	50130	34	34 5/16	31 1/2	24 9/16	3 1/16	3 1/8	9 1/16	36 1/4	27 7/8	Alloy Steel	1021
91-850-M-T2	34	1022	63050	34	34 5/16	31 1/2	24 3/16	3 3/8	3 1/8	12 5/8	36 1/4	27 1/2	Alloy Steel	1303
91-900-D-T2	36	1022	3590	36	36 7/16	31 1/8	21	15/16	15/16	4 3/4	32 1/2	22 3/16	Alloy Steel	154
91-900-E-T2	36	1022	5200	36	36 7/16	31 1/8	22	1 1/8	1 3/16	3 9/16	32 7/8	23 7/16	Alloy Steel	176
91-900-F-T2	36	1022	8270	36	36 7/16	31 1/8	22 5/8	1 9/16	1 7/16	3 15/16	33 1/4	24 3/8	Alloy Steel	229
91-900-G-T2	36	1022	12040	36	36 7/16	31 1/8	22 5/8	1 3/4	1 5/8	5 7/8	33 9/16	24 3/8	Alloy Steel	346
91-900-H-T2	36	1022	16490	36	36 7/16	31 1/8	23 9/16	2 1/16	1 7/8	5 1/2	33 15/16	25 11/16	Alloy Steel	421
91-900-I-T2	36	1022	21650	36	36 7/16	31 1/8	23 15/16	2 5/16	2 3/16	6 5/16	34 7/16	26 1/16	Alloy Steel	536
91-900-J-T2	36	1022	29890	36	36 7/16	31 1/8	24 7/8	2 9/16	2 1/2	6 5/16	34 7/8	27 3/8	Alloy Steel	653
91-900-K-T2	36	1022	39460	36	36 7/16	31 1/2	25 1/16	2 3/4	2 13/16	8 1/4	35 3/4	27 15/16	Alloy Steel	871
91-900-L-T2	36	1022	50130	36	36 7/16	32 11/16	25 11/16	3 1/16	3 1/8	9 7/16	37 3/8	29	Alloy Steel	1111
91-900-M-T2	36	1022	63050	36	36 7/16	32 5/16	25 1/4	3 3/8	3 1/8	13 3/8	37	28 9/16	Alloy Steel	1437
91-950-D-T2	38	1022	3590	38	38 7/16	32 5/16	22	15/16	15/16	4 3/4	33 11/16	23 3/16	Alloy Steel	161
91-950-E-T2	38	1022	5200	38	38 7/16	32 5/16	23	1 1/8	1 3/16	3 15/16	34 1/16	24 7/16	Alloy Steel	203
91-950-F-T2	38	1022	8270	38	38 7/16	32 5/16	23 5/8	1 9/16	1 7/16	4 5/16	34 7/16	25 3/8	Alloy Steel	265
91-950-G-T2	38	1022	12040	38	38 7/16	32 5/16	23 9/16	1 3/4	1 5/8	6 5/16	34 3/4	25 3/8	Alloy Steel	384
91-950-H-T2	38	1022	16490	38	38 7/16	32 5/16	24 5/8	2 1/16	1 7/8	5 1/2	35 1/8	26 3/4	Alloy Steel	439
91-950-I-T2	38	1022	21650	38	38 7/16	32 5/16	24 15/16	2 5/16	2 3/16	6 5/16	35 9/16	27 1/16	Alloy Steel	560
91-950-J-T2	38	1022	29890	38	38 7/16	32 5/16	25 7/8	2 9/16	2 1/2	6 11/16	36 1/16	28 3/8	Alloy Steel	723
91-950-K-T2	38	1022	39460	38	38 7/16	32 11/16	26 1/8	2 3/4	2 13/16	8 11/16	36 15/16	28 15/16	Alloy Steel	950
91-950-L-T2	38	1022	50130	38	38 7/16	33 7/16	26 3/4	3 1/16	3 1/8	9 13/16	38 3/16	30 1/16	Alloy Steel	1199
91-950-M-T2	38	1022	63050	38	38 7/16	33 7/16	26 5/16	3 3/8	3 1/8	14 3/16	38 3/8	29 5/8	Alloy Steel	1585
91-1000-D-T2	40	1022	3590	40	40 3/8	33 1/16	23	15/16	15/16	4 3/4	34 1/2	24 3/16	Alloy Steel	168
91-1000-E-T2	40	1022	5200	40	40 3/8	33 1/16	24	1 1/8	1 3/16	3 15/16	34 13/16	25 7/16	Alloy Steel	212
91-1000-F-T2	40	1022	8270	40	40 3/8	33 1/16	24 5/8	1 9/16	1 7/16	4 5/16	35 3/16	26 3/8	Alloy Steel	273
91-1000-G-T2	40	1022	12040	40	40 3/8	33 1/16	24 5/8	1 3/4	1 5/8	6 5/16	35 9/16	26 3/8	Alloy Steel	399
91-1000-H-T2	40	1022	16490	40	40 3/8	33 1/16	25 9/16	2 1/16	1 7/8	5 7/8	35 7/8	27 11/16	Alloy Steel	487
91-1000-I-T2	40	1022	21650	40	40 3/8	33 1/16	26	2 5/16	2 3/16	6 11/16	36 3/8	28 1/8	Alloy Steel	615
91-1000-J-T2	40	1022	29890	40	40 3/8	33 1/16	26 15/16	2 9/16	2 1/2	6 11/16	36 7/8	29 7/16	Alloy Steel	750
91-1000-K-T2	40	1022	39460	40	40 3/8	33 7/8	27 1/8	2 3/4	2 13/16	9 1/16	38 1/8	29 15/16	Alloy Steel	1034
91-1000-L-T2	40	1022	50130	40	40 3/8	34 5/8	27 3/4	3 1/16	3 1/8	9 13/16	39 3/8	31 1/16	Alloy Steel	1246
91-1000-M-T2	40	1022	63050	40	40 3/8	34 5/8	27 3/8	3 3/8	3 1/8	14 9/16	39 3/8	30 11/16	Alloy Steel	1691

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



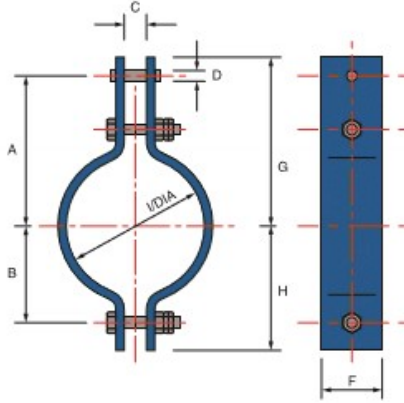
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-15-A-T3	1/2	1112	840	0.84	7/8	4 5/16	1 5/16	9/16	1/2	1 3/16	5 1/16	2	Alloy Steel	1.5
91-20-A-T3	3/4	1112	840	1.05	1 1/8	4 5/16	1 7/16	9/16	1/2	1 3/16	5 1/16	2 3/16	Alloy Steel	1.5
91-25-A-T3	1	1112	840	1.31	1 7/16	4 3/4	1 11/16	9/16	1/2	1 9/16	5 7/16	2 3/8	Alloy Steel	2.2
91-32-A-T3	1 1/4	1112	840	1.67	1 3/4	4 3/4	1 15/16	9/16	1/2	1 15/16	5 7/16	2 5/8	Alloy Steel	2.9
91-40-A-T3	1 1/2	1112	840	1.9	1 15/16	4 3/4	2 3/16	9/16	1/2	1 9/16	5 7/16	2 7/8	Alloy Steel	3.1
91-50-A-T3	2	1112	840	2.37	2 7/16	5 1/8	2 1/2	9/16	1/2	1 9/16	5 13/16	3 3/16	Alloy Steel	3.3
91-50-B-T3	2	1112	1230	2.37	2 7/16	5 1/8	2 1/2	11/16	5/8	2 3/8	6 1/16	3 3/16	Alloy Steel	5.1
91-65-A-T3	2 1/2	1112	840	2.87	3 1/8	5 7/8	2 7/8	9/16	1/2	1 15/16	6 5/8	3 9/16	Alloy Steel	4.9
91-65-B-T3	2 1/2	1112	1230	2.87	3 1/8	5 7/8	2 7/8	11/16	5/8	2 3/4	6 7/8	3 9/16	Alloy Steel	7.1
91-80-A-T3	3	1112	840	3.5	3 5/8	6 5/16	3 1/4	9/16	1/2	1 15/16	7	4	Alloy Steel	6.4
91-80-B-T3	3	1112	1230	3.5	3 5/8	6 5/16	3 1/4	11/16	5/8	2 3/8	7 1/4	4	Alloy Steel	7.7
91-90-A-T3	3 1/2	1112	840	4	4 3/16	7 1/16	3 9/16	9/16	1/2	1 15/16	7 13/16	4 5/16	Alloy Steel	7.1
91-90-B-T3	3 1/2	1112	1230	4	4 3/16	7 1/16	3 9/16	11/16	5/8	2 3/8	8 1/16	4 5/16	Alloy Steel	8.6
91-100-A-T3	4	1112	840	4.5	4 5/8	7 1/2	3 7/8	9/16	5/8	1 15/16	8 7/16	4 5/8	Alloy Steel	7.7
91-100-B-T3	4	1112	1230	4.5	4 5/8	7 1/2	3 13/16	11/16	5/8	2 3/4	8 7/16	4 1/2	Alloy Steel	10.8
91-100-C-T3	4	1112	2290	4.5	4 5/8	7 1/2	4 3/16	3/4	13/16	3 1/8	8 11/16	5 3/16	Alloy Steel	16.1
91-125-A-T3	5	1112	840	5.5	5 11/16	8 1/4	4 7/16	9/16	5/8	2 3/8	9 3/16	5 3/16	Alloy Steel	10.4
91-125-B-T3	5	1112	1230	5.5	5 11/16	8 1/4	4 5/8	11/16	5/8	1 15/16	9 3/16	5 5/16	Alloy Steel	10.8
91-125-C-T3	5	1112	2290	5.5	5 11/16	8 1/4	4 3/4	3/4	13/16	3 9/16	9 7/16	5 11/16	Alloy Steel	20
91-150-A-T3	6	1112	840	6.63	6 3/4	9 7/16	5	9/16	5/8	2 3/8	10 3/8	5 11/16	Alloy Steel	11.9
91-150-B-T3	6	1112	1230	6.63	6 3/4	9 7/16	5 1/4	11/16	5/8	2 3/8	10 3/8	5 15/16	Alloy Steel	15
91-150-C-T3	6	1112	2290	6.63	6 3/4	9 7/16	5 11/16	3/4	13/16	2 3/4	10 5/8	6 5/8	Alloy Steel	24
91-150-D-T3	6	1112	3590	6.63	6 3/4	9 7/16	5 5/8	15/16	15/16	3 9/16	10 7/8	6 9/16	Alloy Steel	31
91-175-A-T3	7	1112	840	7.63	7 13/16	10 1/4	5 9/16	9/16	5/8	2 3/4	11 3/16	6 1/4	Alloy Steel	15.2
91-175-B-T3	7	1112	1230	7.63	7 13/16	10 1/4	5 13/16	11/16	5/8	2 3/4	11 3/16	6 1/2	Alloy Steel	19.2
91-175-C-T3	7	1112	2290	7.63	7 13/16	10 1/4	6 1/4	3/4	13/16	2 3/4	11 7/16	7 3/16	Alloy Steel	26
91-175-D-T3	7	1112	3590	7.63	7 13/16	10 1/4	6 3/16	15/16	15/16	3 15/16	11 5/8	7 1/8	Alloy Steel	37
91-175-E-T3	7	1112	5200	7.63	7 13/16	10 1/4	6 5/8	1 1/8	1 3/16	3 9/16	12	7 13/16	Alloy Steel	44
91-200-A-T3	8	1112	840	8.63	8 13/16	11 7/16	6 1/8	9/16	5/8	2 3/4	12 3/8	6 13/16	Alloy Steel	17
91-200-B-T3	8	1112	1230	8.63	8 13/16	11 7/16	6 5/16	11/16	5/8	2 3/4	12 3/8	7 1/16	Alloy Steel	21
91-200-C-T3	8	1112	2290	8.63	8 13/16	11 7/16	6 13/16	3/4	13/16	2 3/4	12 5/8	7 3/4	Alloy Steel	29
91-200-D-T3	8	1112	3590	8.63	8 13/16	11 7/16	6 13/16	15/16	15/16	3 15/16	12 13/16	7 3/4	Alloy Steel	42
91-200-E-T3	8	1112	5200	8.63	8 13/16	11 7/16	7 3/16	1 1/8	1 3/16	3 9/16	13 3/16	8 3/8	Alloy Steel	49
91-200-F-T3	8	1112	8270	8.63	8 13/16	11 7/16	7 7/16	1 9/16	1 7/16	3 15/16	13 9/16	8 5/8	Alloy Steel	66
91-225-A-T3	9	1112	840	9.63	9 3/4	11 13/16	6 13/16	9/16	5/8	1 15/16	12 3/4	7 1/2	Alloy Steel	16.1
91-225-B-T3	9	1112	1230	9.63	9 3/4	11 13/16	6 13/16	11/16	5/8	2 3/4	12 3/4	7 1/2	Alloy Steel	22
91-225-C-T3	9	1112	2290	9.63	9 3/4	11 13/16	7 3/8	3/4	13/16	3 1/8	13	8 5/16	Alloy Steel	35
91-225-D-T3	9	1112	3590	9.63	9 3/4	11 13/16	7 11/16	15/16	15/16	3 1/8	13 1/4	8 5/8	Alloy Steel	44
91-225-E-T3	9	1112	5200	9.63	9 3/4	11 13/16	7 3/4	1 1/8	1 3/16	3 15/16	13 9/16	8 15/16	Alloy Steel	57
91-225-F-T3	9	1112	8270	9.63	9 3/4	11 13/16	8	1 9/16	1 7/16	3 15/16	13 15/16	9 3/16	Alloy Steel	68
91-250-A-T3	10	1112	840	10.75	10 15/16	13	7 7/16	9/16	5/8	2 3/8	13 15/16	8 1/8	Alloy Steel	21
91-250-B-T3	10	1112	1230	10.75	10 15/16	13	7 7/16	11/16	5/8	3 1/8	13 15/16	8 1/8	Alloy Steel	29
91-250-C-T3	10	1112	2290	10.75	10 15/16	13	7 15/16	3/4	13/16	3 1/8	14 3/16	8 7/8	Alloy Steel	40
91-250-D-T3	10	1112	3590	10.75	10 15/16	13	8 5/16	15/16	15/16	3 1/8	14 7/16	9 1/4	Alloy Steel	49
91-250-E-T3	10	1112	5200	10.75	10 15/16	13	8 3/8	1 1/8	1 3/16	4 5/16	14 3/4	9 9/16	Alloy Steel	68
91-250-F-T3	10	1112	8270	10.75	10 15/16	13	8 5/8	1 9/16	1 7/16	4 5/16	15 1/8	9 13/16	Alloy Steel	84
91-250-G-T3	10	1112	12040	10.75	10 15/16	13	9 1/8	1 3/4	1 5/8	4 5/16	15 1/2	10 1/2	Alloy Steel	99
91-300-A-T3	12	1112	840	12.75	13	15 3/8	8 7/16	9/16	5/8	2 3/8	16 5/16	9 3/16	Alloy Steel	24
91-300-B-T3	12	1112	1230	12.75	13	15 3/8	8 7/8	11/16	5/8	2 3/4	16 5/16	9 9/16	Alloy Steel	40
91-300-C-T3	12	1112	2290	12.75	13	15 3/8	9	3/4	13/16	3 9/16	16 9/16	9 15/16	Alloy Steel	51

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



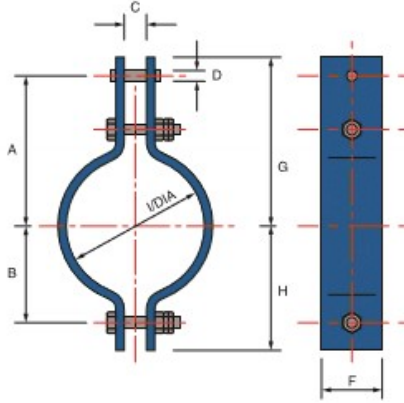
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-300-D-T3	12	1112	3590	12.75	13	15 3/8	9 7/16	15/16	15/16	3 1/8	16 3/4	10 3/8	Alloy Steel	57
91-300-E-T3	12	1112	5200	12.75	13	15 3/8	9 7/8	1 1/8	1 3/16	3 9/16	17 1/8	11 1/16	Alloy Steel	79
91-300-F-T3	12	1112	8270	12.75	13	15 3/8	9 13/16	1 9/16	1 7/16	4 3/4	17 1/2	11	Alloy Steel	106
91-300-G-T3	12	1112	12040	12.75	13	15 3/8	10 3/16	1 3/4	1 5/8	4 3/4	17 13/16	11 5/8	Alloy Steel	126
91-300-H-T3	12	1112	16490	12.75	13	15 3/8	10 3/4	2 1/16	1 7/8	5 1/8	18 3/16	12 1/2	Alloy Steel	159
91-350-A-T3	14	1112	840	14	14 1/4	16 9/16	9 1/8	9/16	5/8	2 3/8	17 1/2	9 13/16	Alloy Steel	26
91-350-B-T3	14	1112	1230	14	14 1/4	16 9/16	9 1/2	11/16	5/8	2 3/4	17 1/2	10 3/16	Alloy Steel	42
91-350-C-T3	14	1112	2290	14	14 1/4	16 9/16	9 5/8	3/4	13/16	3 9/16	17 11/16	10 9/16	Alloy Steel	55
91-350-D-T3	14	1112	3590	14	14 1/4	16 9/16	10 1/16	15/16	15/16	3 9/16	17 15/16	11	Alloy Steel	68
91-350-E-T3	14	1112	5200	14	14 1/4	16 9/16	10 1/2	1 1/8	1 3/16	3 9/16	18 5/16	11 11/16	Alloy Steel	84
91-350-F-T3	14	1112	8270	14	14 1/4	16 9/16	10 9/16	1 9/16	1 7/16	5 1/8	18 11/16	12	Alloy Steel	123
91-350-G-T3	14	1112	12040	14	14 1/4	16 9/16	10 7/8	1 3/4	1 5/8	5 1/8	19	12 5/16	Alloy Steel	146
91-350-H-T3	14	1112	16490	14	14 1/4	16 9/16	11 7/16	2 1/16	1 7/8	5 1/8	19 3/8	13 1/4	Alloy Steel	170
91-350-I-T3	14	1112	21650	14	14 1/4	16 15/16	11 5/8	2 5/16	2 3/16	7 1/16	20 1/4	13 3/4	Alloy Steel	245
91-400-A-T3	16	1112	840	16	16 1/4	18 1/8	10 1/8	9/16	5/8	2 3/4	19 1/16	10 13/16	Alloy Steel	35
91-400-B-T3	16	1112	1230	16	16 1/4	18 1/8	10 11/16	11/16	5/8	2 3/4	19 1/16	11 5/8	Alloy Steel	46
91-400-C-T3	16	1112	2290	16	16 1/4	18 1/8	11 1/16	3/4	13/16	3 1/8	19 5/16	12	Alloy Steel	68
91-400-D-T3	16	1112	3590	16	16 1/4	18 1/8	11 1/16	15/16	15/16	3 15/16	19 1/2	12	Alloy Steel	84
91-400-E-T3	16	1112	5200	16	16 1/4	18 1/8	11 5/8	1 1/8	1 3/16	3 15/16	19 7/8	12 13/16	Alloy Steel	104
91-400-F-T3	16	1112	8270	16	16 1/4	18 1/8	12	1 9/16	1 7/16	4 5/16	20 1/4	13 7/16	Alloy Steel	134
91-400-G-T3	16	1112	12040	16	16 1/4	18 1/8	12	1 3/4	1 5/8	5 7/8	20 9/16	13 7/16	Alloy Steel	185
91-400-H-T3	16	1112	16490	16	16 1/4	18 1/8	12 1/2	2 1/16	1 7/8	5 7/8	20 15/16	14 1/4	Alloy Steel	216
91-400-I-T3	16	1112	21650	16	16 1/4	18 1/8	13 1/16	2 5/16	2 3/16	5 7/8	21 7/16	15 3/16	Alloy Steel	249
91-400-J-T3	16	1112	29890	16	16 1/4	19 5/16	13 1/2	2 9/16	2 1/2	6 5/16	23 1/16	16	Alloy Steel	311
91-450-B-T3	18	1112	1230	18	18 1/4	18 7/8	11 3/4	11/16	5/8	2 3/4	19 13/16	12 11/16	Alloy Steel	51
91-450-C-T3	18	1112	2290	18	18 1/4	18 7/8	12 3/16	3/4	13/16	3 1/8	20 1/16	13 1/8	Alloy Steel	73
91-450-D-T3	18	1112	3590	18	18 1/4	18 7/8	12 3/16	15/16	15/16	3 15/16	20 5/16	13 1/8	Alloy Steel	90
91-450-E-T3	18	1112	5200	18	18 1/4	18 7/8	12 5/8	1 1/8	1 3/16	3 15/16	20 11/16	13 13/16	Alloy Steel	110
91-450-F-T3	18	1112	8270	18	18 1/4	18 7/8	13 1/8	1 9/16	1 7/16	4 5/16	21	14 1/2	Alloy Steel	146
91-450-G-T3	18	1112	12040	18	18 1/4	18 7/8	13 1/8	1 3/4	1 5/8	6 5/16	21 3/8	14 1/2	Alloy Steel	212
91-450-H-T3	18	1112	16490	18	18 1/4	18 7/8	13 11/16	2 1/16	1 7/8	6 5/16	21 3/4	15 7/16	Alloy Steel	247
91-450-I-T3	18	1112	21650	18	18 1/4	19 5/16	14 1/8	2 5/16	2 3/16	6 5/16	22 5/8	16 1/4	Alloy Steel	287
91-450-J-T3	18	1112	29890	18	18 1/4	20 1/2	14 11/16	2 9/16	2 1/2	6 11/16	24 1/4	17 3/16	Alloy Steel	355
91-450-K-T3	18	1112	39460	18	18 1/4	21 5/8	14 5/8	2 3/4	2 13/16	8 11/16	25 7/8	17 1/16	Alloy Steel	474
91-500-B-T3	20	1112	1230	20	20 5/16	20 1/16	12 13/16	11/16	5/8	2 3/4	21	13 3/4	Alloy Steel	55
91-500-C-T3	20	1112	2290	20	20 5/16	20 1/16	13 3/16	3/4	13/16	3 1/8	21 1/4	14 1/8	Alloy Steel	79
91-500-D-T3	20	1112	3590	20	20 5/16	20 1/16	13 3/16	15/16	15/16	4 5/16	21 1/2	14 1/8	Alloy Steel	108
91-500-E-T3	20	1112	5200	20	20 5/16	20 1/16	13 3/4	1 1/8	1 3/16	4 5/16	21 7/8	14 15/16	Alloy Steel	132
91-500-F-T3	20	1112	8270	20	20 5/16	20 1/16	14 3/16	1 9/16	1 7/16	4 3/4	22 3/16	15 5/8	Alloy Steel	170
91-500-G-T3	20	1112	12040	20	20 5/16	20 1/16	14 3/4	1 3/4	1 5/8	5 1/8	22 9/16	16 9/16	Alloy Steel	216
91-500-H-T3	20	1112	16490	20	20 5/16	20 1/16	14 3/4	2 1/16	1 7/8	6 11/16	22 15/16	16 9/16	Alloy Steel	282
91-500-I-T3	20	1112	21650	20	20 5/16	20 1/2	15 5/16	2 5/16	2 3/16	6 11/16	23 3/4	17 7/16	Alloy Steel	326
91-500-J-T3	20	1112	29890	20	20 5/16	21 1/4	15 13/16	2 9/16	2 1/2	7 1/16	25 1/16	18 1/4	Alloy Steel	399
91-500-K-T3	20	1112	39460	20	20 5/16	22 13/16	15 13/16	2 3/4	2 13/16	9 1/16	27 1/16	18 1/4	Alloy Steel	529
91-500-L-T3	20	1112	50130	20	20 5/16	22 13/16	15 15/16	3 1/16	3 1/8	11 13/16	27 9/16	18 3/4	Alloy Steel	701
91-550-C-T3	22	1112	2290	22	22 5/16	21 1/4	14 3/16	3/4	13/16	3 1/8	22 7/16	15 3/16	Alloy Steel	84
91-550-D-T3	22	1112	3590	22	22 5/16	21 1/4	14 5/8	15/16	15/16	3 9/16	22 11/16	15 9/16	Alloy Steel	115
91-550-E-T3	22	1112	5200	22	22 5/16	21 1/4	14 3/4	1 1/8	1 3/16	4 3/4	23 1/16	15 15/16	Alloy Steel	154
91-550-F-T3	22	1112	8270	22	22 5/16	21 1/4	15 1/2	1 9/16	1 7/16	5 1/8	23 3/8	17 1/4	Alloy Steel	201
91-550-G-T3	22	1112	12040	22	22 5/16	21 1/4	15 13/16	1 3/4	1 5/8	5 1/2	23 3/4	17 9/16	Alloy Steel	247

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



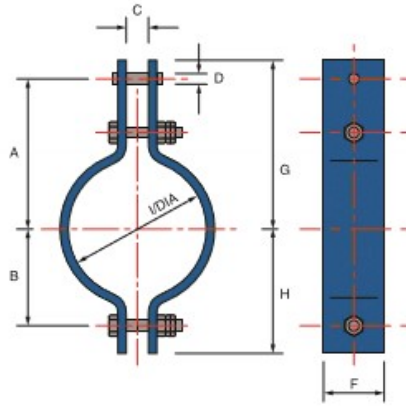
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-550-H-T3	22	1112	16490	22	22 5/16	21 1/4	15 13/16	2 1/16	1 7/8	7 1/16	24 1/8	17 9/16	Alloy Steel	320
91-550-I-T3	22	1112	21650	22	22 5/16	21 5/8	16 9/16	2 5/16	2 3/16	7 1/2	24 15/16	19 1/16	Alloy Steel	395
91-550-J-T3	22	1112	29890	22	22 5/16	23 1/4	16 7/8	2 9/16	2 1/2	7 7/8	27	19 3/8	Alloy Steel	478
91-550-K-T3	22	1112	39460	22	22 5/16	24	16 13/16	2 3/4	2 13/16	9 13/16	28 1/4	19 5/16	Alloy Steel	611
91-550-L-T3	22	1112	50130	22	22 5/16	24 7/16	17 11/16	3 1/16	3 1/8	8 11/16	29 1/8	20 1/2	Alloy Steel	664
91-550-M-T3	22	1112	63050	22	22 5/16	24 7/16	17 15/16	3 3/8	3 1/8	9 13/16	29 1/8	21 1/4	Alloy Steel	761
91-600-C-T3	24	1112	2290	24	24 5/16	22 1/16	15 1/4	3/4	13/16	3 1/8	23 1/4	16 3/16	Alloy Steel	90
91-600-D-T3	24	1112	3590	24	24 5/16	22 1/16	15 5/8	15/16	15/16	3 9/16	23 7/16	16 9/16	Alloy Steel	121
91-600-E-T3	24	1112	5200	24	24 5/16	22 1/16	15 13/16	1 1/8	1 3/16	4 3/4	23 13/16	16 15/16	Alloy Steel	163
91-600-F-T3	24	1112	8270	24	24 5/16	22 1/16	16 9/16	1 9/16	1 7/16	5 1/2	24 3/16	18 3/8	Alloy Steel	227
91-600-G-T3	24	1112	12040	24	24 5/16	22 1/16	16 7/8	1 3/4	1 5/8	5 1/2	24 1/2	18 11/16	Alloy Steel	262
91-600-H-T3	24	1112	16490	24	24 5/16	22 1/16	17 7/16	2 1/16	1 7/8	5 7/8	24 7/8	19 9/16	Alloy Steel	322
91-600-I-T3	24	1112	21650	24	24 5/16	22 13/16	17 11/16	2 5/16	2 3/16	7 7/8	26 1/8	20 3/16	Alloy Steel	441
91-600-J-T3	24	1112	29890	24	24 5/16	24 13/16	18	2 9/16	2 1/2	7 7/8	28 9/16	20 1/2	Alloy Steel	511
91-600-K-T3	24	1112	39460	24	24 5/16	25 3/16	17 15/16	2 3/4	2 13/16	10 1/4	29 7/16	20 3/8	Alloy Steel	672
91-600-L-T3	24	1112	50130	24	24 5/16	25 9/16	18 7/8	3 1/16	3 1/8	8 11/16	30 5/16	21 11/16	Alloy Steel	703
91-600-M-T3	24	1112	63050	24	24 5/16	26	19 1/8	3 3/8	3 1/8	10 5/8	30 11/16	22 3/8	Alloy Steel	875
91-650-C-T3	26	1112	2290	26	26 3/8	24	16 5/16	3/4	13/16	3 1/8	25 3/16	17 5/16	Alloy Steel	97
91-650-D-T3	26	1112	3590	26	26 3/8	24	16 7/8	15/16	15/16	3 9/16	25 7/16	18 1/16	Alloy Steel	132
91-650-E-T3	26	1112	5200	26	26 3/8	24	16 13/16	1 1/8	1 3/16	4 3/4	25 13/16	18	Alloy Steel	176
91-650-F-T3	26	1112	8270	26	26 3/8	24	17 5/8	1 9/16	1 7/16	5 1/2	26 1/8	19 3/8	Alloy Steel	245
91-650-G-T3	26	1112	12040	26	26 3/8	24	18	1 3/4	1 5/8	5 7/8	26 1/2	19 3/4	Alloy Steel	302
91-650-H-T3	26	1112	16490	26	26 3/8	24	18 9/16	2 1/16	1 7/8	6 5/16	26 7/8	20 11/16	Alloy Steel	368
91-650-I-T3	26	1112	21650	26	26 3/8	24	19 1/8	2 5/16	2 3/16	6 5/16	27 5/16	21 9/16	Alloy Steel	417
91-650-J-T3	26	1112	29890	26	26 3/8	25 9/16	19 1/8	2 9/16	2 1/2	8 1/4	29 3/8	21 9/16	Alloy Steel	564
91-650-K-T3	26	1112	39460	26	26 3/8	26	19	2 3/4	2 13/16	10 5/8	30 1/4	21 1/2	Alloy Steel	734
91-650-L-T3	26	1112	50130	26	26 3/8	26 3/8	19 15/16	3 1/16	3 1/8	8 11/16	31 1/8	22 13/16	Alloy Steel	736
91-650-M-T3	26	1112	63050	26	26 3/8	27 3/16	20 3/16	3 3/8	3 1/8	11	31 7/8	23 1/2	Alloy Steel	957
91-700-C-T3	28	1112	2290	28	28 3/8	25 3/16	17 5/16	3/4	13/16	3 9/16	26 3/8	18 1/4	Alloy Steel	115
91-700-D-T3	28	1112	3590	28	28 3/8	25 3/16	17 15/16	15/16	15/16	3 9/16	26 5/8	19 1/8	Alloy Steel	141
91-700-E-T3	28	1112	5200	28	28 3/8	25 3/16	18 5/16	1 1/8	1 3/16	4 5/16	26 15/16	19 1/2	Alloy Steel	201
91-700-F-T3	28	1112	8270	28	28 3/8	25 3/16	19	1 9/16	1 7/16	4 3/4	27 5/16	20 13/16	Alloy Steel	256
91-700-G-T3	28	1112	12040	28	28 3/8	25 3/16	19	1 3/4	1 5/8	6 5/16	27 11/16	20 13/16	Alloy Steel	342
91-700-H-T3	28	1112	16490	28	28 3/8	25 3/16	19 9/16	2 1/16	1 7/8	6 5/16	28 1/16	21 11/16	Alloy Steel	390
91-700-I-T3	28	1112	21650	28	28 3/8	25 3/16	20 3/16	2 5/16	2 3/16	6 11/16	28 1/2	22 11/16	Alloy Steel	467
91-700-J-T3	28	1112	29890	28	28 3/8	26 3/4	20 1/8	2 9/16	2 1/2	8 11/16	30 9/16	22 5/8	Alloy Steel	624
91-700-K-T3	28	1112	39460	28	28 3/8	27 3/16	20 1/8	2 3/4	2 13/16	11 7/16	31 7/16	22 5/8	Alloy Steel	831
91-700-L-T3	28	1112	50130	28	28 3/8	27 9/16	21	3 1/16	3 1/8	9 1/16	32 5/16	23 13/16	Alloy Steel	809
91-700-M-T3	28	1112	63050	28	28 3/8	28 3/8	21 5/16	3 3/8	3 1/8	11 7/16	33 1/16	24 5/8	Alloy Steel	1041
91-750-D-T3	30	1112	3590	30	30 7/16	27 3/16	18 15/16	15/16	15/16	3 9/16	28 9/16	20 1/8	Alloy Steel	150
91-750-E-T3	30	1112	5200	30	30 7/16	27 3/16	19 5/16	1 1/8	1 3/16	4 5/16	28 15/16	20 1/2	Alloy Steel	216
91-750-F-T3	30	1112	8270	30	30 7/16	27 3/16	20 1/8	1 9/16	1 7/16	4 3/4	29 5/16	21 7/8	Alloy Steel	273
91-750-G-T3	30	1112	12040	30	30 7/16	27 3/16	20 1/16	1 3/4	1 5/8	6 5/16	29 5/8	21 13/16	Alloy Steel	364
91-750-H-T3	30	1112	16490	30	30 7/16	27 3/16	20 11/16	2 1/16	1 7/8	6 11/16	30	22 13/16	Alloy Steel	441
91-750-I-T3	30	1112	21650	30	30 7/16	27 3/16	21 5/16	2 5/16	2 3/16	6 11/16	30 1/2	23 3/4	Alloy Steel	498
91-750-J-T3	30	1112	29890	30	30 7/16	27 15/16	21 1/4	2 9/16	2 1/2	9 1/16	31 3/4	23 11/16	Alloy Steel	686
91-750-K-T3	30	1112	39460	30	30 7/16	28 3/8	22 3/16	2 3/4	2 13/16	7 7/8	32 5/8	25	Alloy Steel	732
91-750-L-T3	30	1112	50130	30	30 7/16	28 3/4	22 1/16	3 1/16	3 1/8	9 1/16	33 7/16	24 15/16	Alloy Steel	849
91-800-D-T3	32	1112	3590	32	32 7/16	27 15/16	19 15/16	15/16	15/16	3 15/16	29 3/8	21 1/8	Alloy Steel	174
91-800-E-T3	32	1112	5200	32	32 7/16	27 15/16	20 1/2	1 1/8	1 3/16	4 5/16	29 3/4	21 15/16	Alloy Steel	227

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



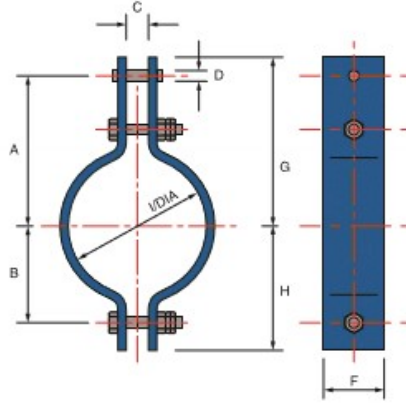
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-800-F-T3	32	1112	8270	32	32 7/16	27 15/16	21 1/8	1 9/16	1 7/16	4 3/4	30 1/16	22 15/16	Alloy Steel	284
91-800-G-T3	32	1112	12040	32	32 7/16	27 15/16	21 9/16	1 3/4	1 5/8	5 7/8	30 7/16	23 5/16	Alloy Steel	403
91-800-H-T3	32	1112	16490	32	32 7/16	27 15/16	21 11/16	2 1/16	1 7/8	6 11/16	30 13/16	23 13/16	Alloy Steel	461
91-800-I-T3	32	1112	21650	32	32 7/16	27 15/16	22 5/16	2 5/16	2 3/16	7 1/16	31 1/4	24 13/16	Alloy Steel	551
91-800-J-T3	32	1112	29890	32	32 7/16	29 1/8	22 1/2	2 9/16	2 1/2	9 13/16	32 15/16	25 5/16	Alloy Steel	787
91-800-K-T3	32	1112	39460	32	32 7/16	29 1/2	23 1/4	2 3/4	2 13/16	7 7/8	33 3/4	26 1/8	Alloy Steel	767
91-800-L-T3	32	1112	50130	32	32 7/16	30 5/16	23 1/2	3 1/16	3 1/8	10 1/4	35 1/16	26 13/16	Alloy Steel	1023
91-850-D-T3	34	1112	3590	34	34 5/16	29 15/16	20 7/8	15/16	15/16	4 5/16	31 5/16	22 1/16	Alloy Steel	203
91-850-E-T3	34	1112	5200	34	34 5/16	29 15/16	21 7/16	1 1/8	1 3/16	4 5/16	31 11/16	22 7/8	Alloy Steel	240
91-850-F-T3	34	1112	8270	34	34 5/16	29 15/16	22 1/16	1 9/16	1 7/16	5 1/8	32 1/16	23 7/8	Alloy Steel	326
91-850-G-T3	34	1112	12040	34	34 5/16	29 15/16	22 1/2	1 3/4	1 5/8	5 7/8	32 3/8	24 1/4	Alloy Steel	428
91-850-H-T3	34	1112	16490	34	34 5/16	29 15/16	23 1/8	2 1/16	1 7/8	6 5/16	32 3/4	25 1/4	Alloy Steel	511
91-850-I-T3	34	1112	21650	34	34 5/16	29 15/16	23 1/4	2 5/16	2 3/16	7 1/2	33 1/4	25 3/4	Alloy Steel	615
91-850-J-T3	34	1112	29890	34	34 5/16	29 15/16	23 1/2	2 9/16	2 1/2	10 5/8	33 11/16	26 5/16	Alloy Steel	884
91-850-K-T3	34	1112	39460	34	34 5/16	30 11/16	24 3/16	2 3/4	2 13/16	8 1/4	34 15/16	27 1/16	Alloy Steel	840
91-850-L-T3	34	1112	50130	34	34 5/16	31 1/2	24 1/2	3 1/16	3 1/8	11	36 1/4	27 13/16	Alloy Steel	1149
91-900-D-T3	36	1112	3590	36	36 7/16	31 1/8	22	15/16	15/16	4 5/16	32 1/2	23 3/16	Alloy Steel	214
91-900-E-T3	36	1112	5200	36	36 7/16	31 1/8	22 9/16	1 1/8	1 3/16	4 5/16	32 7/8	24	Alloy Steel	251
91-900-F-T3	36	1112	8270	36	36 7/16	31 1/8	23 3/16	1 9/16	1 7/16	5 1/8	33 1/4	24 15/16	Alloy Steel	344
91-900-G-T3	36	1112	12040	36	36 7/16	31 1/8	23 9/16	1 3/4	1 5/8	5 7/8	33 9/16	25 3/8	Alloy Steel	448
91-900-H-T3	36	1112	16490	36	36 7/16	31 1/8	24 3/16	2 1/16	1 7/8	6 5/16	33 15/16	26 5/16	Alloy Steel	536
91-900-I-T3	36	1112	21650	36	36 7/16	31 1/8	24 3/8	2 5/16	2 3/16	7 1/2	34 7/16	26 7/8	Alloy Steel	644
91-900-J-T3	36	1112	29890	36	36 7/16	31 1/8	24 5/8	2 9/16	2 1/2	10 5/8	34 7/8	27 7/16	Alloy Steel	924
91-900-K-T3	36	1112	39460	36	36 7/16	31 1/2	25 5/16	2 3/4	2 13/16	8 1/4	35 3/4	28 1/8	Alloy Steel	873
91-900-L-T3	36	1112	50130	36	36 7/16	32 11/16	25 5/8	3 1/16	3 1/8	11	37 3/8	28 15/16	Alloy Steel	1199
91-950-D-T3	38	1112	3590	38	38 7/16	32 5/16	22 15/16	15/16	15/16	4 5/16	33 11/16	24 1/8	Alloy Steel	223
91-950-E-T3	38	1112	5200	38	38 7/16	32 5/16	23 9/16	1 1/8	1 3/16	4 5/16	34 1/16	25	Alloy Steel	262
91-950-F-T3	38	1112	8270	38	38 7/16	32 5/16	24 3/16	1 9/16	1 7/16	5 1/8	34 7/16	26	Alloy Steel	357
91-950-G-T3	38	1112	12040	38	38 7/16	32 5/16	24 5/8	1 3/4	1 5/8	5 7/8	34 3/4	26 3/8	Alloy Steel	467
91-950-H-T3	38	1112	16490	38	38 7/16	32 5/16	25 1/4	2 1/16	1 7/8	6 5/16	35 1/8	27 3/8	Alloy Steel	560
91-950-I-T3	38	1112	21650	38	38 7/16	32 5/16	25 3/8	2 5/16	2 3/16	7 7/8	35 9/16	27 7/8	Alloy Steel	705
91-950-J-T3	38	1112	29890	38	38 7/16	32 5/16	25 5/8	2 9/16	2 1/2	11	36 1/16	28 7/16	Alloy Steel	999
91-950-K-T3	38	1112	39460	38	38 7/16	32 11/16	26 7/16	2 3/4	2 13/16	8 11/16	36 15/16	29 1/4	Alloy Steel	955
91-950-L-T3	38	1112	50130	38	38 7/16	33 7/16	26 5/8	3 1/16	3 1/8	11 7/16	38 3/16	29 15/16	Alloy Steel	1285
91-1000-D-T3	40	1112	3590	40	40 3/8	33 1/16	24	15/16	15/16	4 5/16	34 1/2	25 3/16	Alloy Steel	231
91-1000-E-T3	40	1112	5200	40	40 3/8	33 1/16	24 5/8	1 1/8	1 3/16	4 3/4	34 13/16	26	Alloy Steel	298
91-1000-F-T3	40	1112	8270	40	40 3/8	33 1/16	25 1/4	1 9/16	1 7/16	5 1/2	35 3/16	27	Alloy Steel	399
91-1000-G-T3	40	1112	12040	40	40 3/8	33 1/16	25 5/8	1 3/4	1 5/8	5 7/8	35 9/16	27 3/8	Alloy Steel	483
91-1000-H-T3	40	1112	16490	40	40 3/8	33 1/16	26 1/4	2 1/16	1 7/8	6 5/16	35 7/8	28 3/8	Alloy Steel	580
91-1000-I-T3	40	1112	21650	40	40 3/8	33 1/16	26 7/16	2 5/16	2 3/16	8 1/4	36 3/8	28 7/8	Alloy Steel	767
91-1000-J-T3	40	1112	29890	40	40 3/8	33 1/16	26 5/8	2 9/16	2 1/2	11 13/16	36 7/8	29 1/2	Alloy Steel	1109
91-1000-K-T3	40	1112	39460	40	40 3/8	33 7/8	27 7/16	2 3/4	2 13/16	9 7/16	38 1/8	30 1/4	Alloy Steel	1082

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



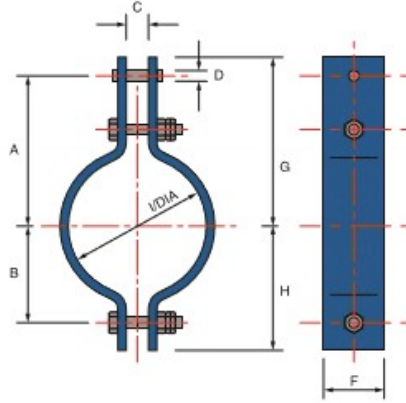
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-15-A-T4	1/2	1112	840	0.84	7/8	4 5/16	1 3/16	9/16	1/2	1 3/16	5 1/16	1 7/8	9% Cr Steel	1.1
91-20-A-T4	3/4	1112	840	1.05	1 1/8	4 5/16	1 3/8	9/16	1/2	1 3/16	5 1/16	2 1/16	9% Cr Steel	1.1
91-25-A-T4	1	1112	840	1.31	1 7/16	4 3/4	1 9/16	9/16	1/2	1 3/16	5 7/16	2 5/16	9% Cr Steel	1.3
91-32-A-T4	1 1/4	1112	840	1.67	1 3/4	4 3/4	1 13/16	9/16	1/2	1 3/16	5 7/16	2 1/2	9% Cr Steel	1.3
91-40-A-T4	1 1/2	1112	840	1.9	1 15/16	4 3/4	1 15/16	9/16	1/2	1 3/16	5 7/16	2 11/16	9% Cr Steel	1.3
91-50-A-T4	2	1112	840	2.37	2 7/16	5 1/8	2 1/4	9/16	1/2	1 9/16	5 13/16	2 15/16	9% Cr Steel	2
91-50-B-T4	2	1112	1230	2.37	2 7/16	5 1/8	2 3/8	11/16	5/8	1 9/16	6 1/16	3 1/16	9% Cr Steel	2.6
91-65-A-T4	2 1/2	1112	840	2.87	3 1/8	5 7/8	2 5/8	9/16	1/2	1 9/16	6 5/8	3 3/8	9% Cr Steel	2.4
91-65-B-T4	2 1/2	1112	1230	2.87	3 1/8	5 7/8	2 3/4	11/16	5/8	1 9/16	6 7/8	3 7/16	9% Cr Steel	3.1
91-80-A-T4	3	1112	840	3.5	3 5/8	6 5/16	2 7/8	9/16	1/2	1 15/16	7	3 9/16	9% Cr Steel	3.1
91-80-B-T4	3	1112	1230	3.5	3 5/8	6 5/16	3	11/16	5/8	1 9/16	7 1/4	3 11/16	9% Cr Steel	3.3
91-90-A-T4	3 1/2	1112	840	4	4 3/16	7 1/16	3 3/16	9/16	1/2	1 15/16	7 13/16	3 7/8	9% Cr Steel	3.5
91-90-B-T4	3 1/2	1112	1230	4	4 3/16	7 1/16	3 5/16	11/16	5/8	1 9/16	8 1/16	4	9% Cr Steel	3.7
91-100-A-T4	4	1112	840	4.5	4 5/8	7 1/2	3 9/16	9/16	5/8	1 9/16	8 7/16	4 1/4	9% Cr Steel	4
91-100-B-T4	4	1112	1230	4.5	4 5/8	7 1/2	3 9/16	11/16	5/8	1 15/16	8 7/16	4 1/4	9% Cr Steel	5.1
91-100-C-T4	4	1112	2290	4.5	4 5/8	7 1/2	3 13/16	3/4	13/16	2 3/8	8 11/16	4 3/4	9% Cr Steel	7.9
91-125-A-T4	5	1112	840	5.5	5 11/16	8 1/4	4 1/8	9/16	5/8	1 9/16	9 3/16	4 13/16	9% Cr Steel	4.6
91-125-B-T4	5	1112	1230	5.5	5 11/16	8 1/4	4 1/8	11/16	5/8	1 15/16	9 3/16	4 13/16	9% Cr Steel	5.7
91-125-C-T4	5	1112	2290	5.5	5 11/16	8 1/4	4 3/8	3/4	13/16	2 3/4	9 7/16	5 5/16	9% Cr Steel	10.4
91-150-A-T4	6	1112	840	6.63	6 3/4	9 7/16	4 11/16	9/16	5/8	1 9/16	10 3/8	5 3/8	9% Cr Steel	5.3
91-150-B-T4	6	1112	1230	6.63	6 3/4	9 7/16	4 5/8	11/16	5/8	2 3/8	10 3/8	5 3/8	9% Cr Steel	7.7
91-150-C-T4	6	1112	2290	6.63	6 3/4	9 7/16	5 1/8	3/4	13/16	2 3/8	10 5/8	6 1/16	9% Cr Steel	12.1
91-150-D-T4	6	1112	3590	6.63	6 3/4	9 7/16	5 1/4	15/16	15/16	2 3/8	10 7/8	6 1/4	9% Cr Steel	15.4
91-175-A-T4	7	1112	840	7.63	7 13/16	10 1/4	5 3/16	9/16	5/8	1 15/16	11 3/16	5 7/8	9% Cr Steel	7.3
91-175-B-T4	7	1112	1230	7.63	7 13/16	10 1/4	5 3/8	11/16	5/8	1 15/16	11 3/16	6 1/16	9% Cr Steel	9
91-175-C-T4	7	1112	2290	7.63	7 13/16	10 1/4	5 5/8	3/4	13/16	2 3/8	11 7/16	6 9/16	9% Cr Steel	13.4
91-175-D-T4	7	1112	3590	7.63	7 13/16	10 1/4	5 13/16	15/16	15/16	2 3/8	11 5/8	6 3/4	9% Cr Steel	16.8
91-175-E-T4	7	1112	5200	7.63	7 13/16	10 1/4	5 15/16	1 1/8	1 3/16	3 15/16	12	7 1/8	9% Cr Steel	29
91-200-A-T4	8	1112	840	8.63	8 13/16	11 7/16	5 3/4	9/16	5/8	1 15/16	12 3/8	6 7/16	9% Cr Steel	7.9
91-200-B-T4	8	1112	1230	8.63	8 13/16	11 7/16	5 7/8	11/16	5/8	1 15/16	12 3/8	6 9/16	9% Cr Steel	9.9
91-200-C-T4	8	1112	2290	8.63	8 13/16	11 7/16	6 3/16	3/4	13/16	2 3/4	12 5/8	7 1/8	9% Cr Steel	17.2
91-200-D-T4	8	1112	3590	8.63	8 13/16	11 7/16	6 3/8	15/16	15/16	2 3/4	12 13/16	7 5/16	9% Cr Steel	22
91-200-E-T4	8	1112	5200	8.63	8 13/16	11 7/16	6 1/2	1 1/8	1 3/16	3 15/16	13 3/16	7 11/16	9% Cr Steel	31
91-200-F-T4	8	1112	8270	8.63	8 13/16	11 7/16	6 11/16	1 9/16	1 7/16	3 9/16	13 9/16	7 7/8	9% Cr Steel	37
91-225-A-T4	9	1112	840	9.63	9 3/4	11 13/16	6 3/8	9/16	5/8	1 9/16	12 3/4	7 1/16	9% Cr Steel	8.6
91-225-B-T4	9	1112	1230	9.63	9 3/4	11 13/16	6 3/8	11/16	5/8	1 15/16	12 3/4	7 1/16	9% Cr Steel	10.6
91-225-C-T4	9	1112	2290	9.63	9 3/4	11 13/16	6 5/8	3/4	13/16	2 3/4	13	7 5/8	9% Cr Steel	18.3
91-225-D-T4	9	1112	3590	9.63	9 3/4	11 13/16	6 7/8	15/16	15/16	2 3/4	13 1/4	7 13/16	9% Cr Steel	22
91-225-E-T4	9	1112	5200	9.63	9 3/4	11 13/16	7	1 1/8	1 3/16	3 15/16	13 9/16	8 3/16	9% Cr Steel	33
91-225-F-T4	9	1112	8270	9.63	9 3/4	11 13/16	7 1/4	1 9/16	1 7/16	3 9/16	13 15/16	8 7/16	9% Cr Steel	40
91-250-A-T4	10	1112	840	10.75	10 15/16	13	6 15/16	9/16	5/8	1 9/16	13 15/16	7 11/16	9% Cr Steel	9.5
91-250-B-T4	10	1112	1230	10.75	10 15/16	13	6 15/16	11/16	5/8	2 3/8	13 15/16	7 11/16	9% Cr Steel	14.1
91-250-C-T4	10	1112	2290	10.75	10 15/16	13	7 5/16	3/4	13/16	3 1/8	14 3/16	8 1/4	9% Cr Steel	22
91-250-D-T4	10	1112	3590	10.75	10 15/16	13	7 1/2	15/16	15/16	3 1/8	14 7/16	8 7/16	9% Cr Steel	29
91-250-E-T4	10	1112	5200	10.75	10 15/16	13	7 5/8	1 1/8	1 3/16	3 15/16	14 3/4	8 3/4	9% Cr Steel	37
91-250-F-T4	10	1112	8270	10.75	10 15/16	13	7 7/8	1 9/16	1 7/16	3 9/16	15 1/8	9 1/16	9% Cr Steel	44
91-250-G-T4	10	1112	12040	10.75	10 15/16	13	8 5/16	1 3/4	1 5/8	4 5/16	15 1/2	9 3/4	9% Cr Steel	71
91-300-A-T4	12	1112	840	12.75	13	15 3/8	8 1/16	9/16	5/8	1 9/16	16 5/16	8 3/4	9% Cr Steel	11
91-300-B-T4	12	1112	1230	12.75	13	15 3/8	8	11/16	5/8	2 3/8	16 5/16	8 11/16	9% Cr Steel	16.5
91-300-C-T4	12	1112	2290	12.75	13	15 3/8	8 5/16	3/4	13/16	3 1/8	16 9/16	9 1/4	9% Cr Steel	26

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



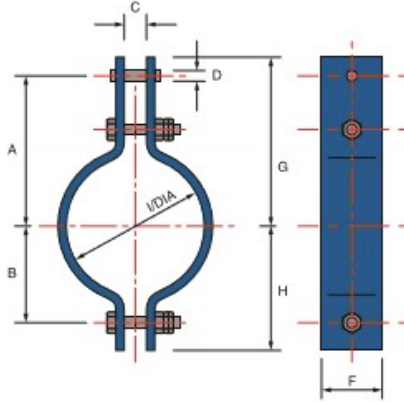
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-300-D-T4	12	1112	3590	12.75	13	15 3/8	8 1/2	15/16	15/16	3 1/8	16 3/4	9 7/16	9% Cr Steel	33
91-300-E-T4	12	1112	5200	12.75	13	15 3/8	9 1/16	1 1/8	1 3/16	3 9/16	17 1/8	10 1/4	9% Cr Steel	51
91-300-F-T4	12	1112	8270	12.75	13	15 3/8	9	1 9/16	1 7/16	3 15/16	17 1/2	10 3/16	9% Cr Steel	57
91-300-G-T4	12	1112	12040	12.75	13	15 3/8	9 7/16	1 3/4	1 5/8	4 5/16	17 13/16	10 13/16	9% Cr Steel	82
91-300-H-T4	12	1112	16490	12.75	13	15 3/8	9 15/16	2 1/16	1 7/8	4 3/4	18 3/16	11 11/16	9% Cr Steel	108
91-350-A-T4	14	1112	840	14	14 1/4	16 9/16	8 11/16	9/16	5/8	1 15/16	17 1/2	9 3/8	9% Cr Steel	14.8
91-350-B-T4	14	1112	1230	14	14 1/4	16 9/16	8 11/16	11/16	5/8	2 3/8	17 1/2	9 3/8	9% Cr Steel	17.9
91-350-C-T4	14	1112	2290	14	14 1/4	16 9/16	9 3/16	3/4	13/16	2 3/4	17 11/16	10 3/16	9% Cr Steel	31
91-350-D-T4	14	1112	3590	14	14 1/4	16 9/16	9 9/16	15/16	15/16	2 3/8	17 15/16	10 1/2	9% Cr Steel	37
91-350-E-T4	14	1112	5200	14	14 1/4	16 9/16	9 11/16	1 1/8	1 3/16	3 9/16	18 5/16	10 7/8	9% Cr Steel	55
91-350-F-T4	14	1112	8270	14	14 1/4	16 9/16	10 3/16	1 9/16	1 7/16	3 9/16	18 11/16	11 9/16	9% Cr Steel	71
91-350-G-T4	14	1112	12040	14	14 1/4	16 9/16	10 1/8	1 3/4	1 5/8	4 3/4	19	11 9/16	9% Cr Steel	95
91-350-H-T4	14	1112	16490	14	14 1/4	16 9/16	10 5/8	2 1/16	1 7/8	4 3/4	19 3/8	12 3/8	9% Cr Steel	117
91-350-I-T4	14	1112	21650	14	14 1/4	16 15/16	11 1/8	2 5/16	2 3/16	5 1/2	20 1/4	13 1/4	9% Cr Steel	165
91-400-A-T4	16	1112	840	16	16 1/4	18 1/8	9 5/8	9/16	5/8	1 15/16	19 1/16	10 3/8	9% Cr Steel	16.5
91-400-B-T4	16	1112	1230	16	16 1/4	18 1/8	9 15/16	11/16	5/8	2 3/8	19 1/16	10 7/8	9% Cr Steel	24
91-400-C-T4	16	1112	2290	16	16 1/4	18 1/8	10 1/4	3/4	13/16	2 3/4	19 5/16	11 3/16	9% Cr Steel	35
91-400-D-T4	16	1112	3590	16	16 1/4	18 1/8	10 9/16	15/16	15/16	2 3/8	19 1/2	11 9/16	9% Cr Steel	40
91-400-E-T4	16	1112	5200	16	16 1/4	18 1/8	10 11/16	1 1/8	1 3/16	3 9/16	19 7/8	11 7/8	9% Cr Steel	62
91-400-F-T4	16	1112	8270	16	16 1/4	18 1/8	11 3/16	1 9/16	1 7/16	3 9/16	20 1/4	12 5/8	9% Cr Steel	77
91-400-G-T4	16	1112	12040	16	16 1/4	18 1/8	11 1/8	1 3/4	1 5/8	5 1/8	20 9/16	12 9/16	9% Cr Steel	112
91-400-H-T4	16	1112	16490	16	16 1/4	18 1/8	11 11/16	2 1/16	1 7/8	5 1/8	20 15/16	13 7/16	9% Cr Steel	139
91-400-I-T4	16	1112	21650	16	16 1/4	18 1/8	12 3/16	2 5/16	2 3/16	5 1/2	21 7/16	14 5/16	9% Cr Steel	179
91-400-J-T4	16	1112	29890	16	16 1/4	19 5/16	12 11/16	2 9/16	2 1/2	6 5/16	23 1/16	15 3/16	9% Cr Steel	245
91-450-B-T4	18	1112	1230	18	18 1/4	18 7/8	11	11/16	5/8	2 3/8	19 13/16	11 15/16	9% Cr Steel	26
91-450-C-T4	18	1112	2290	18	18 1/4	18 7/8	11 1/4	3/4	13/16	2 3/4	20 1/16	12 3/16	9% Cr Steel	37
91-450-D-T4	18	1112	3590	18	18 1/4	18 7/8	11 5/8	15/16	15/16	2 3/4	20 5/16	12 5/8	9% Cr Steel	51
91-450-E-T4	18	1112	5200	18	18 1/4	18 7/8	11 3/4	1 1/8	1 3/16	3 9/16	20 11/16	12 15/16	9% Cr Steel	66
91-450-F-T4	18	1112	8270	18	18 1/4	18 7/8	12 1/4	1 9/16	1 7/16	3 15/16	21	13 11/16	9% Cr Steel	93
91-450-G-T4	18	1112	12040	18	18 1/4	18 7/8	12 3/16	1 3/4	1 5/8	5 1/2	21 3/8	13 5/8	9% Cr Steel	130
91-450-H-T4	18	1112	16490	18	18 1/4	18 7/8	12 3/4	2 1/16	1 7/8	5 5/16	21 3/4	14 1/2	9% Cr Steel	154
91-450-I-T4	18	1112	21650	18	18 1/4	19 5/16	13 5/16	2 5/16	2 3/16	5 1/2	22 5/8	15 7/16	9% Cr Steel	192
91-450-J-T4	18	1112	29890	18	18 1/4	20 1/2	13 13/16	2 9/16	2 1/2	6 5/16	24 1/4	16 5/16	9% Cr Steel	265
91-450-K-T4	18	1112	39460	18	18 1/4	21 5/8	14 1/8	2 3/4	2 13/16	7 1/16	25 7/8	16 9/16	9% Cr Steel	346
91-500-B-T4	20	1112	1230	20	20 5/16	20 1/16	12 1/16	11/16	5/8	2 3/8	21	13	9% Cr Steel	29
91-500-C-T4	20	1112	2290	20	20 5/16	20 1/16	12 5/16	3/4	13/16	3 1/8	21 1/4	13 1/4	9% Cr Steel	46
91-500-D-T4	20	1112	3590	20	20 5/16	20 1/16	12 11/16	15/16	15/16	2 3/4	21 1/2	13 5/8	9% Cr Steel	55
91-500-E-T4	20	1112	5200	20	20 5/16	20 1/16	12 13/16	1 1/8	1 3/16	3 9/16	21 7/8	14	9% Cr Steel	71
91-500-F-T4	20	1112	8270	20	20 5/16	20 1/16	13 5/16	1 9/16	1 7/16	3 15/16	22 3/16	14 3/4	9% Cr Steel	99
91-500-G-T4	20	1112	12040	20	20 5/16	20 1/16	13 1/2	1 3/4	1 5/8	5 7/8	22 9/16	15 1/4	9% Cr Steel	152
91-500-H-T4	20	1112	16490	20	20 5/16	20 1/16	14 3/16	2 1/16	1 7/8	4 3/4	22 15/16	16	9% Cr Steel	172
91-500-I-T4	20	1112	21650	20	20 5/16	20 1/2	14 7/16	2 5/16	2 3/16	5 7/8	23 3/4	16 9/16	9% Cr Steel	223
91-500-J-T4	20	1112	29890	20	20 5/16	21 1/4	14 15/16	2 9/16	2 1/2	6 5/16	25 1/16	17 3/8	9% Cr Steel	280
91-500-K-T4	20	1112	39460	20	20 5/16	22 13/16	15 3/16	2 3/4	2 13/16	7 1/16	27 1/16	17 11/16	9% Cr Steel	370
91-500-L-T4	20	1112	50130	20	20 5/16	22 13/16	15 11/16	3 1/16	3 1/8	7 7/8	27 9/16	18 9/16	9% Cr Steel	465
91-550-C-T4	22	1112	2290	22	22 5/16	21 1/4	13 1/4	3/4	13/16	3 1/8	22 7/16	14 3/16	9% Cr Steel	51
91-550-D-T4	22	1112	3590	22	22 5/16	21 1/4	13 11/16	15/16	15/16	3 1/8	22 11/16	14 5/8	9% Cr Steel	68
91-550-E-T4	22	1112	5200	22	22 5/16	21 1/4	14 3/16	1 1/8	1 3/16	3 1/8	23 1/16	15 3/8	9% Cr Steel	86
91-550-F-T4	22	1112	8270	22	22 5/16	21 1/4	14 15/16	1 9/16	1 7/16	3 9/16	23 3/8	16 3/4	9% Cr Steel	117
91-550-G-T4	22	1112	12040	22	22 5/16	21 1/4	14 15/16	1 3/4	1 5/8	4 3/4	23 3/4	16 11/16	9% Cr Steel	157

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304



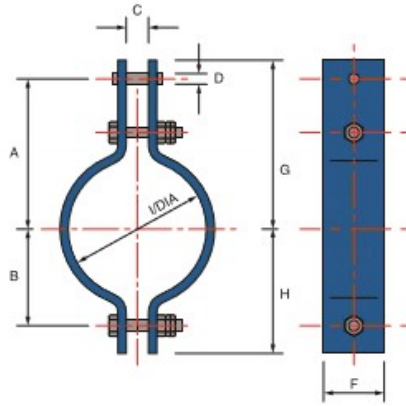
When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-550-H-T4	22	1112	16490	22	22 5/16	21 1/4	15 1/4	2 1/16	1 7/8	4 3/4	24 1/8	17	9% Cr Steel	185
91-550-I-T4	22	1112	21650	22	22 5/16	21 5/8	16	2 5/16	2 3/16	5 1/2	24 15/16	18 1/2	9% Cr Steel	256
91-550-J-T4	22	1112	29890	22	22 5/16	23 1/4	16	2 9/16	2 1/2	6 11/16	27	18 7/16	9% Cr Steel	322
91-550-K-T4	22	1112	39460	22	22 5/16	24	16 1/4	2 3/4	2 13/16	7 1/16	28 1/4	18 3/4	9% Cr Steel	392
91-550-L-T4	22	1112	50130	22	22 5/16	24 7/16	16 3/4	3 1/16	3 1/8	7 7/8	29 1/8	19 5/8	9% Cr Steel	496
91-550-M-T4	22	1112	63050	22	22 5/16	24 7/16	17	3 3/8	3 1/8	9 7/16	29 1/8	20 5/16	9% Cr Steel	602
91-600-C-T4	24	1112	2290	24	24 5/16	22 1/16	14 5/16	3/4	13/16	3 15/16	23 1/4	15 1/4	9% Cr Steel	66
91-600-D-T4	24	1112	3590	24	24 5/16	22 1/16	14 3/4	15/16	15/16	3 1/8	23 7/16	15 11/16	9% Cr Steel	71
91-600-E-T4	24	1112	5200	24	24 5/16	22 1/16	15 1/4	1 1/8	1 3/16	3 1/8	23 13/16	16 7/16	9% Cr Steel	90
91-600-F-T4	24	1112	8270	24	24 5/16	22 1/16	16	1 9/16	1 7/16	3 9/16	24 3/16	17 13/16	9% Cr Steel	126
91-600-G-T4	24	1112	12040	24	24 5/16	22 1/16	16	1 3/4	1 5/8	4 3/4	24 1/2	17 3/4	9% Cr Steel	168
91-600-H-T4	24	1112	16490	24	24 5/16	22 1/16	16 9/16	2 1/16	1 7/8	5 1/8	24 7/8	18 11/16	9% Cr Steel	214
91-600-I-T4	24	1112	21650	24	24 5/16	22 13/16	17 1/8	2 5/16	2 3/16	5 1/2	26 1/8	19 5/8	9% Cr Steel	273
91-600-J-T4	24	1112	29890	24	24 5/16	24 13/16	17 1/16	2 9/16	2 1/2	7 1/16	28 9/16	19 1/2	9% Cr Steel	364
91-600-K-T4	24	1112	39460	24	24 5/16	25 3/16	17 3/8	2 3/4	2 13/16	7 1/2	29 7/16	19 13/16	9% Cr Steel	439
91-600-L-T4	24	1112	50130	24	24 5/16	25 9/16	17 7/8	3 1/16	3 1/8	8 11/16	30 5/16	20 11/16	9% Cr Steel	580
91-600-M-T4	24	1112	63050	24	24 5/16	26	18 1/8	3 3/8	3 1/8	10 1/4	30 11/16	21 7/16	9% Cr Steel	694
91-650-C-T4	26	1112	2290	26	26 3/8	24	15 3/8	3/4	13/16	3 15/16	25 3/16	16 5/16	9% Cr Steel	73
91-650-D-T4	26	1112	3590	26	26 3/8	24	15 7/8	15/16	15/16	3 9/16	25 7/16	17 1/16	9% Cr Steel	88
91-650-E-T4	26	1112	5200	26	26 3/8	24	16 5/16	1 1/8	1 3/16	3 1/8	25 13/16	17 1/2	9% Cr Steel	97
91-650-F-T4	26	1112	8270	26	26 3/8	24	17 1/16	1 9/16	1 7/16	3 15/16	26 1/8	18 13/16	9% Cr Steel	150
91-650-G-T4	26	1112	12040	26	26 3/8	24	17 1/16	1 3/4	1 5/8	5 1/8	26 1/2	18 13/16	9% Cr Steel	196
91-650-H-T4	26	1112	16490	26	26 3/8	24	17 15/16	2 1/16	1 7/8	4 3/4	26 7/8	20 1/16	9% Cr Steel	245
91-650-I-T4	26	1112	21650	26	26 3/8	24	18 3/16	2 5/16	2 3/16	5 7/8	27 5/16	20 11/16	9% Cr Steel	311
91-650-J-T4	26	1112	29890	26	26 3/8	25 9/16	18 7/8	2 9/16	2 1/2	6 5/16	29 3/8	21 5/16	9% Cr Steel	428
91-650-K-T4	26	1112	39460	26	26 3/8	26	18 13/16	2 3/4	2 13/16	7 1/16	30 1/4	21 5/16	9% Cr Steel	487
91-650-L-T4	26	1112	50130	26	26 3/8	26 3/8	19	3 1/16	3 1/8	9 7/16	31 1/8	21 13/16	9% Cr Steel	661
91-650-M-T4	26	1112	63050	26	26 3/8	27 3/16	19 1/4	3 3/8	3 1/8	11	31 7/8	22 9/16	9% Cr Steel	789
91-700-C-T4	28	1112	2290	28	28 3/8	25 3/16	16 3/8	3/4	13/16	3 15/16	26 3/8	17 5/16	9% Cr Steel	77
91-700-D-T4	28	1112	3590	28	28 3/8	25 3/16	16 15/16	15/16	15/16	3 9/16	26 5/8	18 1/8	9% Cr Steel	93
91-700-E-T4	28	1112	5200	28	28 3/8	25 3/16	17 5/16	1 1/8	1 3/16	3 9/16	26 15/16	18 1/2	9% Cr Steel	117
91-700-F-T4	28	1112	8270	28	28 3/8	25 3/16	18 1/16	1 9/16	1 7/16	3 15/16	27 5/16	19 13/16	9% Cr Steel	159
91-700-G-T4	28	1112	12040	28	28 3/8	25 3/16	18 7/16	1 3/4	1 5/8	4 5/16	27 11/16	20 1/4	9% Cr Steel	205
91-700-H-T4	28	1112	16490	28	28 3/8	25 3/16	19	2 1/16	1 7/8	4 3/4	28 1/16	21 1/8	9% Cr Steel	258
91-700-I-T4	28	1112	21650	28	28 3/8	25 3/16	19 1/4	2 5/16	2 3/16	6 5/16	28 1/2	21 3/4	9% Cr Steel	348
91-700-J-T4	28	1112	29890	28	28 3/8	26 3/4	19 15/16	2 9/16	2 1/2	6 5/16	30 9/16	22 3/8	9% Cr Steel	452
91-700-K-T4	28	1112	39460	28	28 3/8	27 3/16	19 7/8	2 3/4	2 13/16	7 1/16	31 7/16	22 3/8	9% Cr Steel	514
91-700-L-T4	28	1112	50130	28	28 3/8	27 9/16	20 1/16	3 1/16	3 1/8	9 7/16	32 5/16	22 15/16	9% Cr Steel	697
91-700-M-T4	28	1112	63050	28	28 3/8	28 3/8	20 5/16	3 3/8	3 1/8	11 13/16	33 1/16	23 5/8	9% Cr Steel	888
91-750-D-T4	30	1112	3590	30	30 7/16	27 3/16	17 15/16	15/16	15/16	3 9/16	28 9/16	19 1/8	9% Cr Steel	99
91-750-E-T4	30	1112	5200	30	30 7/16	27 3/16	18 3/8	1 1/8	1 3/16	3 9/16	28 15/16	19 9/16	9% Cr Steel	126
91-750-F-T4	30	1112	8270	30	30 7/16	27 3/16	19 1/8	1 9/16	1 7/16	3 15/16	29 5/16	20 7/8	9% Cr Steel	170
91-750-G-T4	30	1112	12040	30	30 7/16	27 3/16	19 1/2	1 3/4	1 5/8	4 3/4	29 5/8	21 5/16	9% Cr Steel	238
91-750-H-T4	30	1112	16490	30	30 7/16	27 3/16	20 1/16	2 1/16	1 7/8	4 3/4	30	22 3/16	9% Cr Steel	276
91-750-I-T4	30	1112	21650	30	30 7/16	27 3/16	20 5/16	2 5/16	2 3/16	6 1/2	30 1/2	22 13/16	9% Cr Steel	384
91-750-J-T4	30	1112	29890	30	30 7/16	27 15/16	21	2 9/16	2 1/2	6 5/16	31 3/4	23 7/16	9% Cr Steel	474
91-750-K-T4	30	1112	39460	30	30 7/16	28 3/8	21 3/16	2 3/4	2 13/16	7 7/8	32 5/8	24	9% Cr Steel	604
91-750-L-T4	30	1112	50130	30	30 7/16	28 3/4	21 1/8	3 1/16	3 1/8	9 13/16	33 7/16	24	9% Cr Steel	763
91-800-D-T4	32	1112	3590	32	32 7/16	27 15/16	19	15/16	15/16	3 15/16	29 3/8	20 3/16	9% Cr Steel	115
91-800-E-T4	32	1112	5200	32	32 7/16	27 15/16	19 9/16	1 1/8	1 3/16	3 15/16	29 3/4	21	9% Cr Steel	146

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

3 BOLT PIPE CLAMP - ALLOY & CARBON STEEL - FIG. 91, FIG. 304

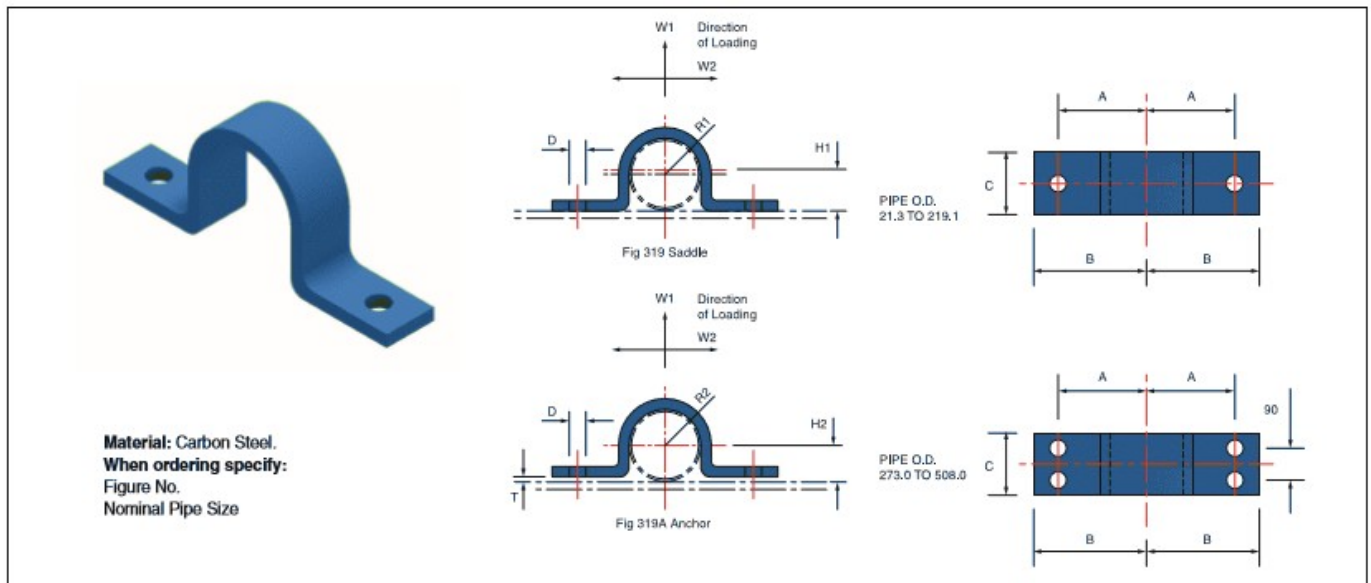


When ordering, specify:
Part Number

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

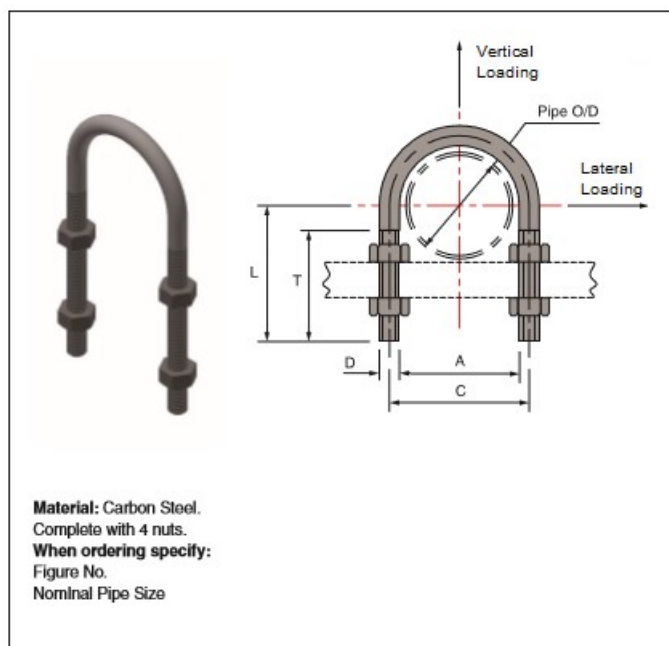
Part No.	Nom. Pipe Size	Max. Temp.	Max Load	Pipe O/D	I/Dia	A	B	C	D	F	G	H	Clamp Material	Weight
	in	Deg. F	lbs	in	in	in	in	in	in	in	in	in		lbs
91-800-F-T4	32	1112	8270	32	32 7/16	27 15/16	20 3/16	1 9/16	1 7/16	4 5/16	30 1/16	21 15/16	9% Cr Steel	194
91-800-G-T4	32	1112	12040	32	32 7/16	27 15/16	20 9/16	1 3/4	1 5/8	4 3/4	30 7/16	22 5/16	9% Cr Steel	249
91-800-H-T4	32	1112	16490	32	32 7/16	27 15/16	21 1/8	2 1/16	1 7/8	4 15/16	30 13/16	23 1/4	9% Cr Steel	300
91-800-I-T4	32	1112	21650	32	32 7/16	27 15/16	21 3/4	2 5/16	2 3/16	5 1/2	31 1/4	24 3/16	9% Cr Steel	384
91-800-J-T4	32	1112	29890	32	32 7/16	29 1/8	22 5/16	2 9/16	2 1/2	6 5/16	32 15/16	25 1/8	9% Cr Steel	503
91-800-K-T4	32	1112	39460	32	32 7/16	29 1/2	22 1/4	2 3/4	2 13/16	7 7/8	33 3/4	25 1/16	9% Cr Steel	635
91-800-L-T4	32	1112	50130	32	32 7/16	30 5/16	22 1/2	3 1/16	3 1/8	11	35 1/16	25 13/16	9% Cr Steel	910
91-850-D-T4	34	1112	3590	34	34 5/16	29 15/16	19 15/16	15/16	15/16	3 15/16	31 5/16	21 1/8	9% Cr Steel	123
91-850-E-T4	34	1112	5200	34	34 5/16	29 15/16	20 1/2	1 1/8	1 3/16	3 15/16	31 11/16	21 15/16	9% Cr Steel	154
91-850-F-T4	34	1112	8270	34	34 5/16	29 15/16	21 1/8	1 9/16	1 7/16	4 5/16	32 1/16	22 15/16	9% Cr Steel	207
91-850-G-T4	34	1112	12040	34	34 5/16	29 15/16	21 1/2	1 3/4	1 5/8	4 3/4	32 3/8	23 1/4	9% Cr Steel	265
91-850-H-T4	34	1112	16490	34	34 5/16	29 15/16	22 1/16	2 1/16	1 7/8	5 1/8	32 3/4	24 3/16	9% Cr Steel	331
91-850-I-T4	34	1112	21650	34	34 5/16	29 15/16	22 11/16	2 5/16	2 3/16	5 1/2	33 1/4	25 3/16	9% Cr Steel	406
91-850-J-T4	34	1112	29890	34	34 5/16	29 15/16	23 1/4	2 9/16	2 1/2	6 5/16	33 11/16	26 1/8	9% Cr Steel	522
91-850-K-T4	34	1112	39460	34	34 5/16	30 11/16	23 1/4	2 3/4	2 13/16	8 11/16	34 15/16	26 1/16	9% Cr Steel	728
91-850-L-T4	34	1112	50130	34	34 5/16	31 1/2	23 1/2	3 1/16	3 1/8	11 7/16	36 1/4	26 13/16	9% Cr Steel	983
91-900-D-T4	36	1112	3590	36	36 7/16	31 1/8	21	15/16	15/16	3 15/16	32 1/2	22 3/16	9% Cr Steel	128
91-900-E-T4	36	1112	5200	36	36 7/16	31 1/8	21 9/16	1 1/8	1 3/16	3 15/16	32 7/8	23	9% Cr Steel	163
91-900-F-T4	36	1112	8270	36	36 7/16	31 1/8	22 3/16	1 9/16	1 7/16	4 3/4	33 1/4	24	9% Cr Steel	236
91-900-G-T4	36	1112	12040	36	36 7/16	31 1/8	22 5/8	1 3/4	1 5/8	4 3/4	33 9/16	24 3/8	9% Cr Steel	276
91-900-H-T4	36	1112	16490	36	36 7/16	31 1/8	23 3/16	2 1/16	1 7/8	5 1/2	33 15/16	25 5/16	9% Cr Steel	373
91-900-I-T4	36	1112	21650	36	36 7/16	31 1/8	23 3/4	2 5/16	2 3/16	5 7/8	34 7/16	26 1/4	9% Cr Steel	454
91-900-J-T4	36	1112	29890	36	36 7/16	31 1/8	24 3/8	2 9/16	2 1/2	6 11/16	34 7/8	27 3/16	9% Cr Steel	580
91-900-K-T4	36	1112	39460	36	36 7/16	31 1/2	24 5/16	2 3/4	2 13/16	8 11/16	35 3/4	27 3/16	9% Cr Steel	758
91-900-L-T4	36	1112	50130	36	36 7/16	32 11/16	24 5/8	3 1/16	3 1/8	11 7/16	37 3/8	27 15/16	9% Cr Steel	1027
91-950-D-T4	38	1112	3590	38	38 7/16	32 5/16	22	15/16	15/16	3 15/16	33 11/16	23 3/16	9% Cr Steel	134
91-950-E-T4	38	1112	5200	38	38 7/16	32 5/16	22 5/8	1 1/8	1 3/16	3 15/16	34 1/16	24	9% Cr Steel	170
91-950-F-T4	38	1112	8270	38	38 7/16	32 5/16	23 1/4	1 9/16	1 7/16	4 3/4	34 7/16	25	9% Cr Steel	247
91-950-G-T4	38	1112	12040	38	38 7/16	32 5/16	23 9/16	1 3/4	1 5/8	5 1/8	34 3/4	25 3/8	9% Cr Steel	313
91-950-H-T4	38	1112	16490	38	38 7/16	32 5/16	24 3/16	2 1/16	1 7/8	5 7/8	35 1/8	26 5/16	9% Cr Steel	417
91-950-I-T4	38	1112	21650	38	38 7/16	32 5/16	24 13/16	2 5/16	2 3/16	6 5/16	35 9/16	27 5/16	9% Cr Steel	507
91-950-J-T4	38	1112	29890	38	38 7/16	32 5/16	25 3/8	2 9/16	2 1/2	7 1/16	36 1/16	28 1/4	9% Cr Steel	639
91-950-K-T4	38	1112	39460	38	38 7/16	32 11/16	25 3/8	2 3/4	2 13/16	9 1/16	36 15/16	28 3/16	9% Cr Steel	825
91-950-L-T4	38	1112	50130	38	38 7/16	33 7/16	25 5/8	3 1/16	3 1/8	11 13/16	38 3/16	28 15/16	9% Cr Steel	1100
91-1000-D-T4	40	1112	3590	40	40 3/8	33 1/16	23	15/16	15/16	4 5/16	34 1/2	24 3/16	9% Cr Steel	154
91-1000-E-T4	40	1112	5200	40	40 3/8	33 1/16	23 9/16	1 1/8	1 3/16	3 15/16	34 13/16	25	9% Cr Steel	176
91-1000-F-T4	40	1112	8270	40	40 3/8	33 1/16	24 3/16	1 9/16	1 7/16	4 3/4	35 3/16	26	9% Cr Steel	256
91-1000-G-T4	40	1112	12040	40	40 3/8	33 1/16	24 5/8	1 3/4	1 5/8	5 1/2	35 9/16	26 3/8	9% Cr Steel	348
91-1000-H-T4	40	1112	16490	40	40 3/8	33 1/16	25 3/16	2 1/16	1 7/8	5 7/8	35 7/8	27 5/16	9% Cr Steel	432
91-1000-I-T4	40	1112	21650	40	40 3/8	33 1/16	25 13/16	2 5/16	2 3/16	6 5/16	36 3/8	28 5/16	9% Cr Steel	525
91-1000-J-T4	40	1112	29890	40	40 3/8	33 1/16	26 7/16	2 9/16	2 1/2	7 1/2	36 7/8	29 1/4	9% Cr Steel	701
91-1000-K-T4	40	1112	39460	40	40 3/8	33 7/8	26 3/8	2 3/4	2 13/16	9 7/16	38 1/8	29 3/16	9% Cr Steel	895

SADDLE GUIDE / ANCHOR - FIG. 319, FIG. 319A



Nom Pipe Size	Pipe O/D	A	B	Mat Size C	D	Saddle		Anchor			Max Load (lbs)	
						R1	H1	T	R2	H2	W1	W2
1/2"	0.84	1 3/4	2 3/8	1 9/16" x 1/4"	1/2	1.57	7/16	1/16	7/16	5/16	520	815
3/4"	1.05	1 3/4	2 3/8	1 9/16" x 1/4"	1/2	0.55	9/16	1/16	9/16	7/16		640
1"	1.31	1 15/16	2 3/4	1 9/16" x 1/4"	1/2	0.71	11/16	1/16	11/16	9/16		530
1 1/4"	1.67	2 3/16	3 1/8	1 9/16" x 5/16"	9/16	0.87	7/8	1/16	7/8	3/4	805	730
1 1/2"	1.9	2 3/8	3 1/8	1 9/16" x 5/16"	9/16	0.98	1	1/16	1	7/8		640
2"	2.37	2 3/4	3 15/16	1 9/16" x 5/16"	9/16	1.22	1 1/4	1/16	1 1/4	1 1/8		520
2 1/2"	2.87	3 3/8	5	1 15/16" x 3/8"	11/16	1.57	1 1/2	1/16	1 9/16	1 7/16	1145	815
3"	3.5	3 7/8	5 3/8	1 15/16" x 3/8"	11/16	1.81	1 3/4	1/8	1 13/16	1 5/8		695
4"	4.5	4 1/4	5 3/4	1 15/16" x 3/8"	11/16	2.32	2 5/16	1/8	2 5/16	2 1/8		540
5"	5.5	5 1/2	7 1/16	2 3/8" x 9/16"	1	2.83	2 3/4	1/8	2 13/16	2 5/8	2380	1215
6"	6.63	6 1/8	7 7/8	2 3/8" x 9/16"	1	3.39	3 3/8	1/8	3 3/8	3 3/16		990
8"	8.63	7 1/16	9 1/16	2 3/8" x 9/16"	1	4.41	4 5/16	3/16	4 7/16	4 1/8		760
10"	10.75	8 1/16	9 13/16	5 7/8" x 9/16"	1	5.47	5 3/8	3/16	5 1/2	5 3/16	5390	670
12"	12.75	9 1/16	10 13/16	5 7/8" x 9/16"	1	6.5	6 7/16	3/16	6 1/2	6 3/16		
14"	14	9 5/8	11 7/16	5 7/8" x 9/16"	1	7.13	7 1/16	3/16	7 1/8	6 13/16		
16"	16	11 1/4	13	7 7/8" x 13/16"	1	8.11	8 1/16	3/16	8 1/8	7 13/16	6065	2150
18"	18	12 3/16	14	7 7/8" x 13/16"	1	9.13	9 1/16	3/16	9 1/8	8 3/4		
20"	20	13 3/16	14 15/16	7 7/8" x 13/16"	1	10.16	10 1/16	3/16	10 3/16	9 13/16		

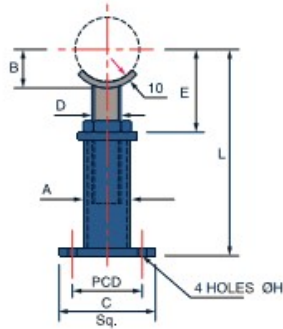
U-BOLT - FIG. 283U



Nom Pipe Size	Pipe O/D	A	C	D	T	L	Max Load at 650°F (lbs)	
							Vertical	Lateral
1/2"	0.84	15/16	1 3/16	1/4	2 1/8	2 3/4	580	145
3/4"	1.05	1 1/8	1 3/8	1/4	2 1/8	2 3/4	580	145
1"	1.31	1 3/8	1 5/8	1/4	2 1/8	2 3/4	580	145
1 1/4"	1.67	1 11/16	2 1/16	3/8	2 1/8	2 7/8	1460	365
1 1/2"	1.9	2	2 3/8	3/8	2 1/2	3	1460	365
2"	2.37	2 7/16	2 13/16	3/8	2 1/2	3 1/4	1460	365
2 1/2"	2.87	2 15/16	3 7/16	1/2	3	3 3/4	2700	675
3"	3.5	3 9/16	4 1/16	1/2	3	4	2700	675
3 1/2"	4	4 1/16	4 9/16	1/2	3	4 1/4	2700	675
4"	4.5	4 9/16	5 1/16	1/2	3	4 1/2	2700	675
5"	5.5	5 5/8	6 1/8	1/2	3	5	2700	675
6"	6.63	6 3/4	7 3/8	5/8	3 1/2	6 1/8	4320	1080
8"	8.63	8 3/4	9 3/8	5/8	3 1/2	7 1/8	4320	1080
10"	10.75	10 7/8	11 5/8	3/4	4	8 3/8	6460	1615
12"	12.75	12 7/8	13 3/4	7/8	4	9 5/8	9960	2240
14"	14	14 1/8	15	7/8	4 1/4	10 1/4	9960	2240
16"	16	16 1/8	17	7/8	4 1/4	11 1/4	9960	2240
18"	18	18 1/8	19 1/8	1	4 3/4	12 5/8	11800	-
20"	20	20 1/8	21 1/8	1	4 3/4	13 5/8	11800	-
24"	24	24 1/8	25 1/8	1	4 3/4	15 5/8	11800	-
30"	30	30 1/8	31 1/8	1	4 3/4	18 5/8	11800	-
36"	36	36 1/8	37 1/8	1	4 3/4	21 5/8	11800	-

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

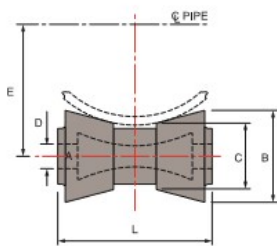
ADJUSTABLE PIPE SUPPORT - FIG. 101



Material: Carbon Steel.
When ordering specify:
 Figure No
 Nominal Pipe Size
 Distance from floor to centre
 of Pipe L

Nom Pipe Size	Pipe O/D	Pipe A-NB	B	C	D	L		E	PCD	H	Max Load (lbs)
						Min	Max				
2 1/2"	2.87	2	1 7/8	5 7/8	1 7/8"	15 11/16	68	7 1/4	4 5/16	9/16	165
3"	3.5	2	2 3/16	5 7/8	2 7/8"	15 15/16	68	7 1/2	4 5/16	9/16	245
3 1/2"	4	3	2 3/8	7 7/8	3 7/8"	16 3/16	68	7 3/4	5 7/8	11/16	330
4"	4.5	3	2 5/8	7 7/8	2 3/8"	16 9/16	68	7 11/16	5 7/8	11/16	440
5"	5.56	3	3 1/8	7 7/8	3 3/8"	17 1/16	68	8 3/16	5 7/8	11/16	670
6"	6.63	4	3 11/16	11	2 7/8"	17 11/16	68	8 3/4	7 7/8	11/16	960
8"	8.63	4	4 3/4	11	3 7/8"	18 3/4	68	9 13/16	7 7/8	11/16	1600
10"	10.75	4	5 13/16	11	4 7/8"	19 13/16	55	10 7/8	7 7/8	11/16	2760
12"	12.75	4	6 3/4	11	5 7/8"	20 13/16	55	11 7/8	7 7/8	11/16	3940
14"	14	4	7 3/8	11	6 7/8"	21 7/16	55	12 1/2	7 7/8	11/16	5070
16"	16	4	8 7/16	11	7 7/8"	22 7/16	55	13 1/2	7 7/8	11/16	7030
18"	18	6	9 7/16	13 3/4	4 1/2"	23 3/4	55	14 9/16	9 7/16	7/8	9150
20"	20	6	10 3/8	13 3/4	5 1/2"	24 11/16	55	15 9/16	9 7/16	7/8	11710
22"	22	6	11 7/16	13 3/4	6 1/2"	25 11/16	55	16 9/16	9 7/16	7/8	14660
24"	24	6	12 3/8	13 3/4	7 1/2"	26 11/16	55	17 9/16	9 7/16	7/8	17600
26"	26	6	13 3/8	13 3/4	8 1/2"	27 11/16	55	18 9/16	9 7/16	7/8	21450
28"	28	6	14 7/16	13 3/4	9 1/2"	28 11/16	55	19 9/16	9 7/16	7/8	25300
30"	30	6	15 3/8	13 3/4	10 1/2"	30 3/4	40	20 9/16	9 7/16	7/8	29100
32"	32	6	16 7/16	13 3/4	11 1/2"	32 1/8	40	21 9/16	9 7/16	7/8	33900
36"	36	6	18 7/16	13 3/4	12 1/2"	32 3/4	40	23 5/8	9 7/16	7/8	43400

PIPE ROLLER- FIG. 67

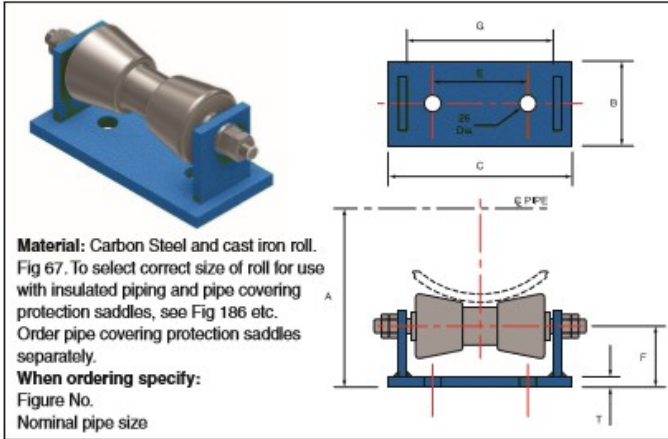


Material: Cast Iron.
 To select correct size of roll for use with
 covered piping and pipe covering protec-
 tion saddles,
 see Fig 186 etc.
When ordering specify:
 Figure No.
 Nominal Pipe Size

Nom Pipe Size	Pipe O/D	Pipe A-NB	B	C	D	L		E	PCD	H	Max Load (lbs)
						Min	Max				
2 1/2"	2.87	2	1 7/8	5 7/8	1 7/8"	15 11/16	68	7 1/4	4 5/16	9/16	165
3"	3.5	2	2 3/16	5 7/8	2 7/8"	15 15/16	68	7 1/2	4 5/16	9/16	245
3 1/2"	4	3	2 3/8	7 7/8	3 7/8"	16 3/16	68	7 3/4	5 7/8	11/16	330
4"	4.5	3	2 5/8	7 7/8	2 3/8"	16 9/16	68	7 11/16	5 7/8	11/16	440
5"	5.56	3	3 1/8	7 7/8	3 3/8"	17 1/16	68	8 3/16	5 7/8	11/16	670
6"	6.63	4	3 11/16	11	2 7/8"	17 11/16	68	8 3/4	7 7/8	11/16	960
8"	8.63	4	4 3/4	11	3 7/8"	18 3/4	68	9 13/16	7 7/8	11/16	1600
10"	10.75	4	5 13/16	11	4 7/8"	19 13/16	55	10 7/8	7 7/8	11/16	2760
12"	12.75	4	6 3/4	11	5 7/8"	20 13/16	55	11 7/8	7 7/8	11/16	3940
14"	14	4	7 3/8	11	6 7/8"	21 7/16	55	12 1/2	7 7/8	11/16	5070
16"	16	4	8 7/16	11	7 7/8"	22 7/16	55	13 1/2	7 7/8	11/16	7030
18"	18	6	9 7/16	13 3/4	4 1/2"	23 3/4	55	14 9/16	9 7/16	7/8	9150
20"	20	6	10 3/8	13 3/4	5 1/2"	24 11/16	55	15 9/16	9 7/16	7/8	11710
22"	22	6	11 7/16	13 3/4	6 1/2"	25 11/16	55	16 9/16	9 7/16	7/8	14660
24"	24	6	12 3/8	13 3/4	7 1/2"	26 11/16	55	17 9/16	9 7/16	7/8	17600
26"	26	6	13 3/8	13 3/4	8 1/2"	27 11/16	55	18 9/16	9 7/16	7/8	21450
28"	28	6	14 7/16	13 3/4	9 1/2"	28 11/16	55	19 9/16	9 7/16	7/8	25300
30"	30	6	15 3/8	13 3/4	10 1/2"	30 3/4	40	20 9/16	9 7/16	7/8	29100
32"	32	6	16 7/16	13 3/4	11 1/2"	32 1/8	40	21 9/16	9 7/16	7/8	33900
36"	36	6	18 7/16	13 3/4	12 1/2"	32 3/4	40	23 5/8	9 7/16	7/8	43400

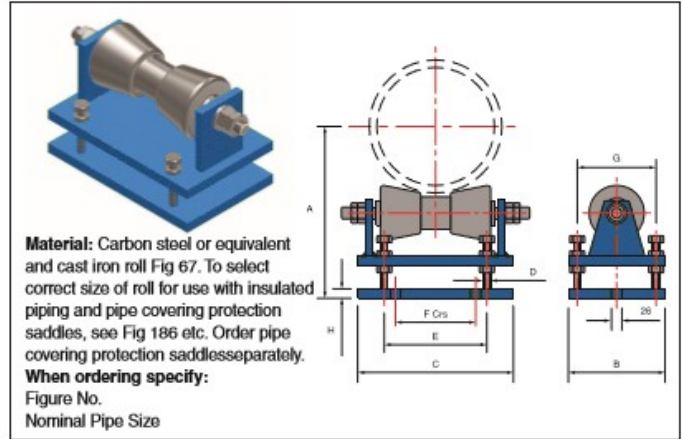
ANCILLARY COMPONENTS - PIPE ATTACHMENTS

STEEL CHAIR & ROLLER - FIG. 39



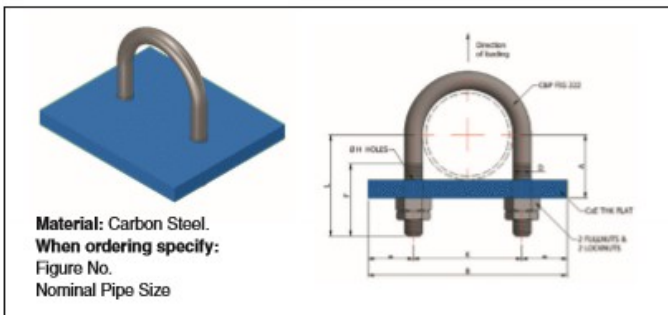
Size	Nom Pipe Size	Pipe O/D	A	B	C	E	F	G	T	Max Load (lbs)
1A	2"	2.37	3 7/8	5 7/8	8 1/4	6 5/16	2 1/16	2 15/16	5/16	385
	2 1/2"	2.87	4 1/8	5 7/8	8 1/4	6 5/16	2 1/16	2 15/16	5/16	
	3"	3.5	4 1/2	5 7/8	8 1/4	6 5/16	2 1/16	2 15/16	5/16	
	3 1/2"	4	4 3/4	5 7/8	8 1/4	6 5/16	2 1/16	2 15/16	5/16	
1	4"	4.5	5 1/4	5 7/8	10 1/16	7 7/8	2 1/2	4 1/8	5/16	950
	5"	5.56	5 15/16	5 7/8	10 1/16	7 7/8	2 1/2	4 1/8	5/16	
	6"	6.63	6 1/2	5 7/8	10 1/16	7 7/8	2 1/2	4 1/8	5/16	
	7"	7.63	7 1/16	5 7/8	10 1/16	7 7/8	2 1/2	4 1/8	5/16	
2	8"	8.63	9 3/16	5 7/8	8 1/16	3 15/16	3 15/16	6 5/16	3/8	2090
	10"	10.75	10 5/16	5 7/8	8 1/16	3 15/16	3 15/16	6 5/16	3/8	
3	12"	12.75	12 5/16	7 7/8	10 7/16	5 11/16	4 13/16	8 1/4	3/8	3080
	14"	14	12 15/16	7 7/8	10 7/16	5 11/16	4 13/16	8 1/4	3/8	
	16"	16	14 15/16	7 7/8	12	6 11/16	5 11/16	9 1/2	1/2	
4	18"	18	16 1/16	7 7/8	12	6 11/16	5 11/16	9 1/2	1/2	4980
	20"	20	17 3/16	7 7/8	12	6 11/16	5 11/16	9 1/2	1/2	
	22"	22	17 5/16	9 13/16	13	7 1/2	4 13/16	10 3/8	1/2	
5	24"	24	18 9/16	9 13/16	13	7 1/2	4 13/16	10 3/8	1/2	6100
	26"	26	20 9/16	11 13/16	20 1/16	9 13/16	5 5/8	12 15/16	9/16	
	28"	28	21 5/8	11 13/16	20 1/16	9 13/16	5 5/8	12 3/4	9/16	
6	30"	30	22 7/8	11 13/16	20 1/16	9 13/16	5 5/8	12 15/16	9/16	7500

ADJUSTABLE STEEL CHAIR & ROLLER - FIG. 40



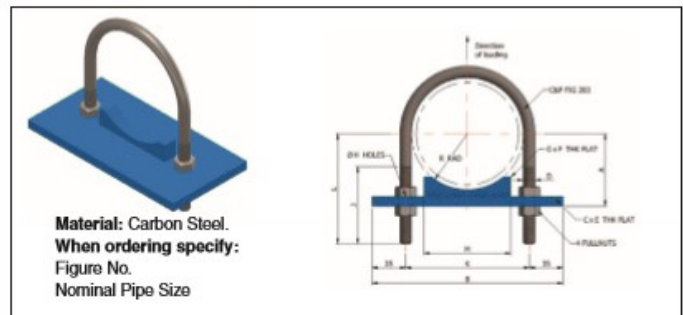
No.	Nom Pipe Size	Dim A		B	C	E	F	G	H	Max Load (lbs)
		Min	Max							
1A	2"	4 7/8	6 3/8	5 7/8	8 1/4	6 1/8	5 11/16	3 15/16	1/2	395
	2.5"	5 1/8	6 5/8	5 7/8	8 1/4	6 1/8	5 11/16	3 15/16	1/2	
	3"	5 1/2	7	5 7/8	8 1/4	6 1/8	5 11/16	3 15/16	1/2	
	3.5"	5 3/4	7 1/4	5 7/8	8 1/4	6 1/8	5 11/16	3 15/16	1/2	
1	4"	6 1/4	7 3/4	5 7/8	10 1/16	8	7 1/2	3 15/16	1/2	950
	5"	6 7/8	8 3/8	5 7/8	10 1/16	8	7 1/2	3 15/16	1/2	
	6"	7 1/2	9	5 7/8	10 1/16	8	7 1/2	3 15/16	1/2	
	7"	8 1/16	9 9/16	5 7/8	10 1/16	8	7 1/2	3 15/16	1/2	
2	8"	10 3/8	11 9/16	5 7/8	8 1/16	5 1/4	5 1/8	4 1/2	9/16	2110
	10"	11 9/16	12 11/16	5 7/8	8 1/16	5 1/4	5 1/8	4 1/2	9/16	
3	12"	13 3/4	16 5/16	7 7/8	10 7/16	8	7 3/8	5 11/16	13/16	3050
	14"	14 1/2	16 7/8	7 7/8	10 7/16	8	7 3/8	5 11/16	13/16	
	16"	16 11/16	19 3/16	7 7/8	12	9 3/4	9 1/16	5 7/8	1	
4	18"	17 13/16	20 5/16	7 7/8	12	9 3/4	9 1/16	5 7/8	1	4970
	20"	18 15/16	21 7/16	7 7/8	12	9 3/4	9 1/16	5 7/8	1	
	22"	19 1/4	21 7/8	9 13/16	13	10	9 3/4	7	1	
5	24"	20 1/2	23 1/8	9 13/16	13	10	9 3/4	7	1	6100
	26"	22 1/2	26 1/4	11 13/16	20 1/16	17	16 3/4	9 1/16	1	
	28"	23 9/16	27 1/4	11 13/16	20 1/16	17	16 3/4	9 1/16	1	
6	30"	24 13/16	28 1/2	11 13/16	20 1/16	17	16 3/4	9 1/16	1	7500

ANCHOR CHAIR - FIG. 127 (SIZES 3/4" TO 3 1/2")



Nom Pipe Size	Pipe O/D	A	B	C	D	E	L	Max Load (lbs)
3/4"	1.06	7/8	2 3/4	2 9/16	1/4	5/16	2 3/4	580
1"	1.31	1	3 1/8	2 9/16	1/4	5/16	2 3/4	580
1 1/4"	1.67	1 1/8	3 9/16	2 9/16	3/8	5/16	2 7/8	1460
1 1/2"	1.9	1 5/16	4 5/16	3 9/16	3/8	3/8	3	1460
2"	2.37	1 9/16	4 3/4	3 9/16	3/8	3/8	3 1/4	1460
2 1/2"	2.87	1 7/8	5 1/2	3 9/16	1/2	3/8	3 3/4	2700
3"	3.5	2 3/16	6 1/2	3 15/16	1/2	3/8	4	2700
3 1/2"	4	2 3/8	7 1/16	3 15/16	1/2	3/8	4 1/4	2700

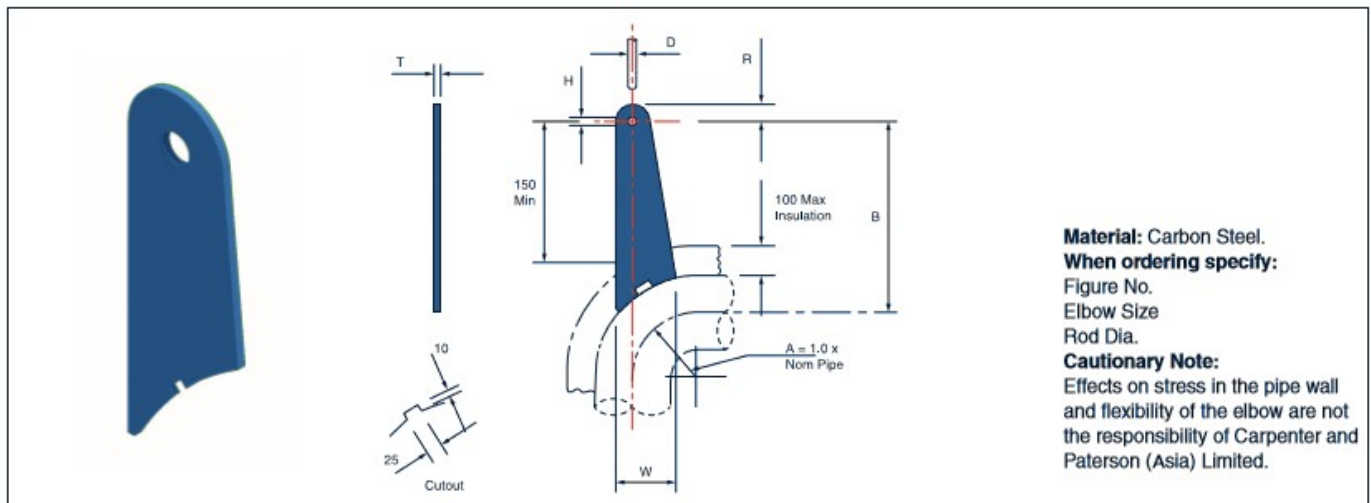
ANCHOR CHAIR - FIG. 127 (SIZES 4" TO 24")



Nom Pipe Size	Pipe O/D	A	B	C	D	E	F	L	Max Load (kg)
4"	4.5	2 15/16	7 13/16	3 15/16	1/2	3/8	9/16	4 1/2	2700
5"	5.56	3 3/4	8 7/8	3 15/16	1/2	3/8	9/16	5	2700
6"	6.63	4 1/8	10 3/16	5 1/8	5/8	3/8	13/16	6 1/8	4320
8"	8.63	5 5/16	12 1/8	5 1/8	5/8	1/2	13/16	7 1/8	4320
10"	10.75	6 1/2	14 7/16	5 1/8	3/4	1/2	13/16	8 3/8	6460
12"	12.75	7 11/16	16 7/16	5 1/8	7/8	1/2	13/16	9 5/8	9960
14"	14	8 7/16	17 11/16	5 1/8	7/8	1/2	1	10 1/4	9960
16"	16	9 5/8	19 3/4	5 1/8	7/8	9/16	1	11 1/4	9960
18"	18	10 13/16	21 13/16	5 7/8	1	9/16	1	12 5/8	11800
20"	20	12	23 7/8	5 7/8	1	9/16	1 3/16	13 5/8	11800
24"	24	14	27 7/8	5 7/8	1	9/16	1 3/16	15 5/8	11800

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

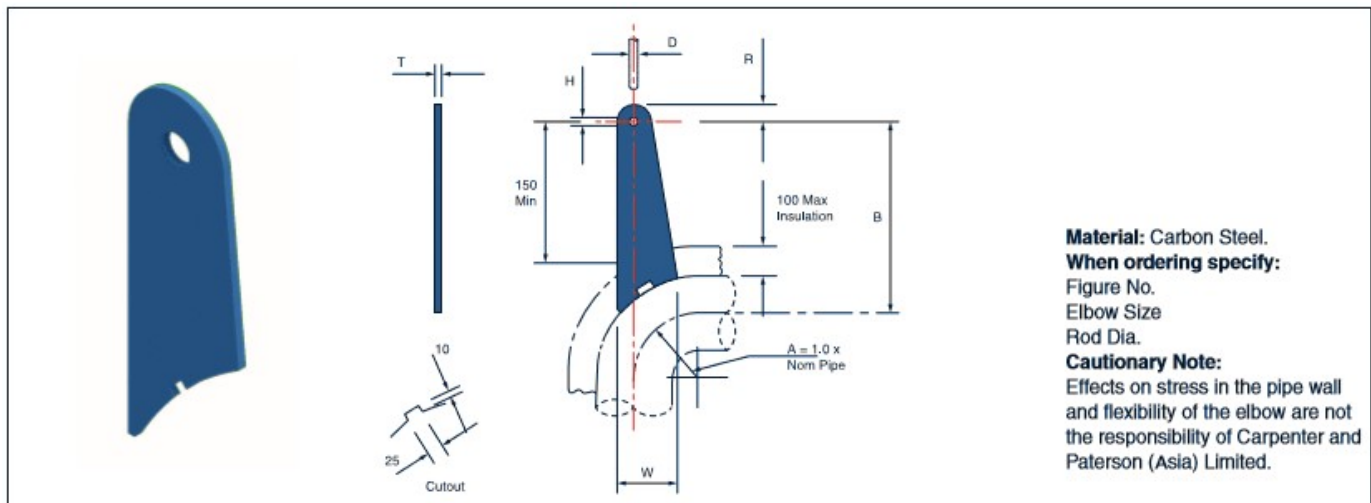
ELBOW HANGER (SRWE) - FIG. 337A



D Rod	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
Max Load (lbs)	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130
T	1/4	3/8	3/8	1/2	5/8	3/4	1	1	1	1	1
W	3 9/16	3 9/16	3 9/16	4 15/16	4 15/16	6 7/8	6 7/8	8 7/16	8 11/16	10 1/4	11 13/16
R	1	1 3/8	1 9/16	1 15/16	2 3/8	2 15/16	3 3/8	3 3/4	4 5/16	5 1/8	5 7/8
H	9/16	11/16	7/8	1 1/16	1 1/4	1 9/16	1 7/8	2 1/16	2 5/16	2 11/16	3 1/8

Nom Pipe	2 1/2"	3"	3 1/2"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
Pipe O/D	2.87	3.5	4	4.5	5.56	6.63	8.63	10.75	12.75	14	16	18	20
B	10 15/16	10 15/16	11	11 5/16	11 1/2	11 11/16	12 1/8	12 5/8	12 7/8	12 15/16	13 1/4	13 7/16	13 15/16
A	2 1/2	3	3 1/2	4	5	6	8	10	12	14	16	18	20

ELBOW HANGER (LRWE) - FIG. 337B

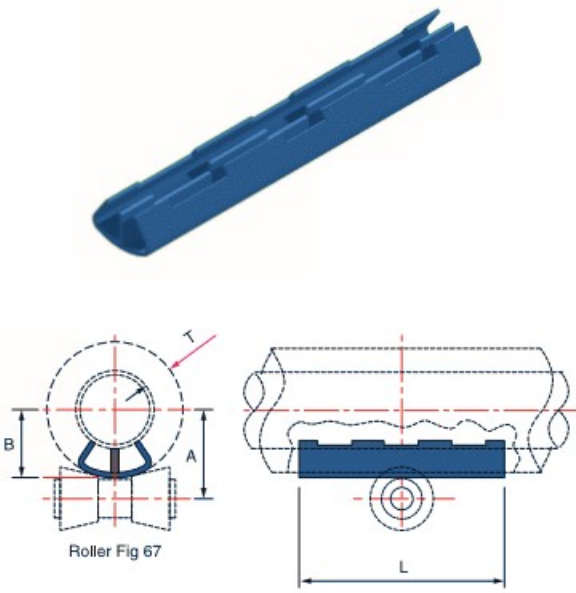


D Rod	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"	2 1/4"	2 1/2"	2 3/4"
Max Load (lbs)	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130
T	1/4	3/8	3/8	1/2	5/8	3/4	1	1	1	1	1
W	3 9/16	3 9/16	3 9/16	4 15/16	4 15/16	6 7/8	6 7/8	8 7/16	8 11/16	10 1/4	11 13/16
R	1	1 3/8	1 9/16	1 15/16	2 3/8	2 15/16	3 3/8	3 3/4	4 5/16	5 1/8	5 7/8
H	9/16	11/16	7/8	1 1/16	1 1/4	1 9/16	1 7/8	2 1/16	2 5/16	2 11/16	3 1/8

Nom Pipe	2 1/2"	3"	3 1/2"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"
Pipe O/D	3	3.5	4	4.5	5.5	6.63	8.63	10.75	12.75	14	16	17.99	20
B	10 3/8	10 9/16	10 5/8	10 11/16	10 9/16	10 1/2	10 5/16	10 1/8	9 5/8	8 7/8	8 11/16	8 7/16	8 1/16
A	3 3/4	4 1/2	5 1/4	6	7 1/2	9	12	15	18	21	24	27	30

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

PIPE COVERING PROTECTION SADDLE - FIG. 186, 187, 188, 290, 291 & 292

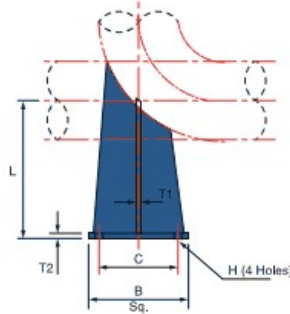
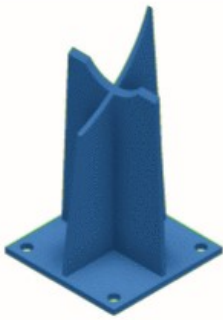


Material: Carbon Steel
When ordering, specify:
 Figure No.
 Nominal Pipe Size
Note: Center rib is fitted to saddles for pipe sizes 6" to 24"
Length "L" - standard lengths:
 Pipe Size up to 2 1/2" - 8" long
 Pipe Size 3" and above - 12" long

Nom Pipe Size	Pipe O/D	Max Load (lbs)	Thick Cover	Fig No. Saddle	Roll Size Fig 67	A	B
3/4"	1.05	715	1	FIG 186	1A	2 1/2	1 7/8
			1 1/2	FIG 290	1	2 15/16	2 1/4
			2	FIG 291	1	3 7/16	2 3/4
			2 1/2	FIG 187	1	4 1/8	3 3/8
1"	1.31	690	1	FIG 186	1A	2 5/8	2
			1 1/2	FIG 290	1	3 1/4	2 1/2
			2	FIG 291	1	3 5/8	2 7/8
			2 1/2	FIG 187	1	4 1/8	3 3/8
1 1/4"	1.67	670	1	FIG 186	1A	2 13/16	2 1/8
			1 1/2	FIG 290	1	3 7/16	2 3/4
			2	FIG 291	1	3 13/16	3 1/8
			2 1/2	FIG 187	1	4 3/16	3 1/2
1 1/2"	1.9	645	1	FIG 186	1A	2 15/16	2 1/4
			1 1/2	FIG 290	1	3 7/16	2 3/4
			2	FIG 291	1	4	3 1/4
			2 1/2	FIG 187	1	4 3/8	3 5/8
2"	2.37	490	1	FIG 186	1	3 1/4	2 1/2
			1 1/2	FIG 290	1	3 11/16	3
			2	FIG 291	1	4 1/8	3 7/16
			2 1/2	FIG 187	2	4 7/8	3 7/8
2 1/2"	2.87	465	3	FIG 188	2	5 1/2	4 1/2
			1	FIG 186	1	3 7/16	2 3/4
			1 1/2	FIG 290	1	4	3 1/4
			2	FIG 291	2	4 3/4	3 3/4
3"	3.5	680	2 1/2	FIG 187	2	5 1/8	4 1/8
			3	FIG 188	2	5 1/8	4 1/8
			1	FIG 186	1	3 13/16	3 1/8
			1 1/2	FIG 290	1	4 3/8	3 5/8
3 1/2"	4	645	2	FIG 291	2	5 3/8	4 7/16
			3	FIG 188	2	5 3/8	4 7/16
			1 1/2	FIG 290	1	4 1/8	3 3/8
			1 1/2	FIG 290	1	4 15/16	4 1/8
4"	4.5	535	2	FIG 291	2	5 9/16	4 5/8
			2 1/2	FIG 187	2	5 7/8	4 7/8
			3	FIG 188	2	6 5/8	5 1/2
			4	FIG 292	2	7 5/8	6 1/2
5"	5.56	480	1	FIG 186	1	4 13/16	4
			1 1/2	FIG 290	2	5 13/16	4 3/4
			2	FIG 291	2	6 3/16	5 1/8
			2 1/2	FIG 187	2	6 5/8	5 1/2
6"	6.63	1645	3	FIG 188	2	7 1/8	6 1/8
			4	FIG 292	2	8 1/4	7 1/8
			1	FIG 186	1	5 3/8	4 5/8
			1 1/2	FIG 290	2	6 5/16	5 1/4
8"	8.63	1460	2	FIG 291	2	6 11/16	5 5/8
			2 1/2	FIG 187	3	7 1/16	6
			3	FIG 188	3	7 1/2	6 1/2
			4	FIG 292	3	8 7/8	7 3/4
10"	10.75	1330	1	FIG 186	2	6 5/8	5 1/2
			1 1/2	FIG 290	2	7 1/4	6 1/4
			2	FIG 291	3	7 3/4	6 3/4
			2 1/2	FIG 187	3	8 3/8	7 1/4
12"	12.75	2935	3	FIG 188	3	8 11/16	7 1/2
			4	FIG 292	4	10 3/8	8 7/8
			1	FIG 186	3	7 11/16	6 5/8
			1 1/2	FIG 290	3	8 1/2	7 3/8
14"	14	2745	2	FIG 291	3	9 3/16	8
			2 1/2	FIG 187	4	9 3/4	8 1/4
			3	FIG 188	4	10 3/8	8 7/8
			4	FIG 292	4	11 1/8	9 5/8
16"	16	3580	1	FIG 186	3	9 1/16	7 7/8
			1 1/2	FIG 290	3	9 11/16	8 1/2
			2	FIG 291	4	10 3/8	8 7/8
			2 1/2	FIG 187	4	10 7/8	9 3/8
18"	18	5970	3	FIG 188	4	11 1/8	9 5/8
			4	FIG 292	4	12 1/8	10 5/8
			1	FIG 186	4	10 1/16	8 1/2
			1 1/2	FIG 290	4	10 11/16	9 1/8
20"	20	5610	2	FIG 291	4	10 7/8	9 3/8
			2 1/2	FIG 187	4	11 9/16	10
			3	FIG 188	4	12 1/16	10 1/2
			4	FIG 292	5	12 9/16	11 3/8
24"	24	4915	1	FIG 186	4	11 1/16	9 1/2
			1 1/2	FIG 290	4	11 9/16	10
			2	FIG 291	4	12 1/16	10 1/2
			2 1/2	FIG 187	4	12 9/16	11
			3	FIG 188	5	12 9/16	11 1/4
			4	FIG 292	5	13 5/8	12 3/8
			1	FIG 186	4	12 1/16	10 1/2
			1 1/2	FIG 290	4	12 9/16	11
			2	FIG 291	5	12 5/8	11 5/16
			2 1/2	FIG 187	5	13 5/16	11 7/8
			3	FIG 188	5	13 1/2	12 1/4
			4	FIG 292	5	14 5/8	13 3/8
			1	FIG 186	5	12 5/8	11 3/8
			1 1/2	FIG 290	5	13 3/8	11 7/8
			2	FIG 291	5	13 9/16	12 5/16
			2 1/2	FIG 187	5	14 1/8	12 7/8
			3	FIG 188	6	15 1/4	13 1/4
			4	FIG 292	6	16 1/4	14 1/4
			1	FIG 186	6	15 3/8	13 3/8
			1 1/2	FIG 290	6	15 7/8	13 7/8
			2	FIG 291	6	16 1/4	14 1/4
			2 1/2	FIG 187	6	16 15/16	14 7/8
			3	FIG 188	6	17 3/16	15 3/16
			4	FIG 292	6	18	16 1/4

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

BASE ANCHOR - FIG. 375



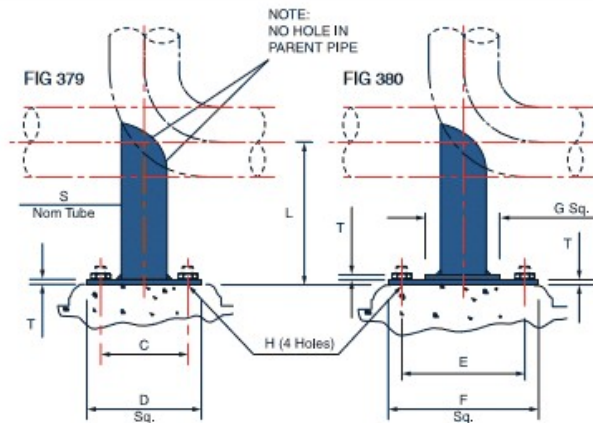
Material: Carbon Steel
When ordering specify:
 Figure No.
 Nominal Pipe Size
 Height L

For Horizontal Pipe or for Long or Short Radius Welding Elbows

Cautionary Note:
 Effects on stress in the pipe wall and flexibility of the elbow are not the responsibility of Carpenter and Paterson (Asia) Limited.

Nom Pipe Size	Pipe O/D	B	C	H	Plt. Thick		Max Vertical Load (lbs)	Max L
					T1	T2		
4"	4.5	5 7/8	4 1/2	9/16	1/4	3/8	1300	10
5"	5.56	7 7/8	5 7/8	7/8	1/4	3/8	1950	10
6"	6.63	7 7/8	5 7/8	7/8	1/4	3/8	2600	12
8"	8.63	9 13/16	7 7/8	7/8	3/8	1/2	3300	12
10"	10.75	9 13/16	7 7/8	7/8	3/8	1/2	3850	14
12"	12.75	11 13/16	9 7/16	7/8	3/8	1/2	4950	14
14"	14	11 13/16	9 7/16	7/8	3/8	1/2	6600	16
16"	16	13 3/4	11 7/16	7/8	3/8	1/2	7700	18
18"	17.99	15 3/4	13 3/8	7/8	3/8	1/2	8800	20
20"	20	19 11/16	16 9/16	1	3/8	9/16	9900	22
24"	24.02	23 5/8	20 1/2	1	3/8	9/16	11000	26

RIGID / SLIDING BASE SUPPORT - FIG. 379H, 379E, 380H & 380E

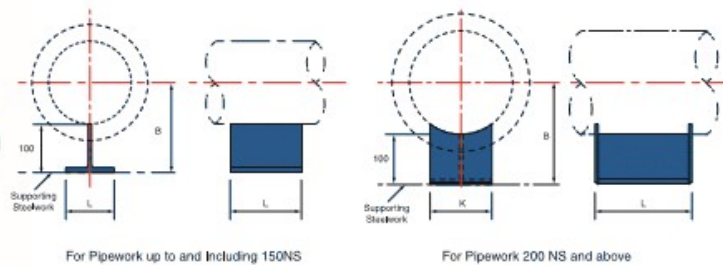
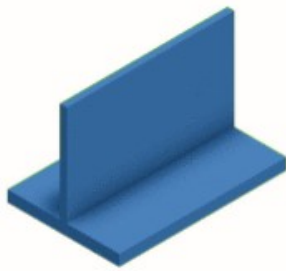


Material: Carbon Steel.
When ordering specify:
 Figure No.
 Nominal Pipe Size
 Height L
 FIG 379H/380H for Horizontal Pipe
 FIG 379E/380E for Long or Short Radius Welding Elbows
Cautionary Note:
 Effects on stress in the pipe wall and flexibility of the elbow are not the responsibility of Carpenter and Paterson (Asia) Limited.

Nom Pipe Size	Pipe O/D	Max L	C	D	E	F	G	Holes H	T	S Nom Tube	Max Vertical Load (lbs)
2 1/2"	2.87	12	4 1/2	5 7/8	6 1/2	7 7/8	3 15/16	9/16	1/4	2"	450
3"	3.5	12	4 1/2	5 7/8	6 1/2	7 7/8	3 15/16	9/16	1/4	2"	800
3 1/2"	4	12	4 1/2	5 7/8	6 1/2	7 7/8	3 15/16	9/16	1/4	2"	1000
4"	4.5	24	6	7 7/8	8 7/16	10 7/16	5 1/8	7/8	3/8	3"	1200
5"	5.56	24	6	7 7/8	8 7/16	10 7/16	5 1/8	7/8	3/8	3"	2000
6"	6.63	24	6	7 7/8	8 7/16	10 7/16	5 1/8	7/8	3/8	3"	2500
8"	8.63	24	8	9 13/16	9 13/16	11 13/16	6 5/16	7/8	3/8	4"	3000
10"	10.75	24	8	9 13/16	9 13/16	11 13/16	7 1/2	7/8	3/8	6"	3800
12"	12.75	24	9 1/2	11 13/16	9 13/16	11 13/16	7 1/2	7/8	3/8	6"	4000
14"	14	24	9 1/2	11 13/16	11 13/16	13 3/4	8 11/16	7/8	1/2	6"	6000
16"	16	36	11 7/16	13 3/4	11 13/16	13 3/4	9 7/16	7/8	1/2	8"	6500
18"	18	36	11 7/16	13 3/4	11 13/16	13 3/4	9 7/16	7/8	1/2	8"	7000
20"	20	44	13	15 3/4	14 3/16	16 15/16	11 13/16	1 1/8	5/8	10"	8000
24"	24	44	13	15 3/4	14 3/16	16 15/16	11 13/16	1 1/8	5/8	10"	9000

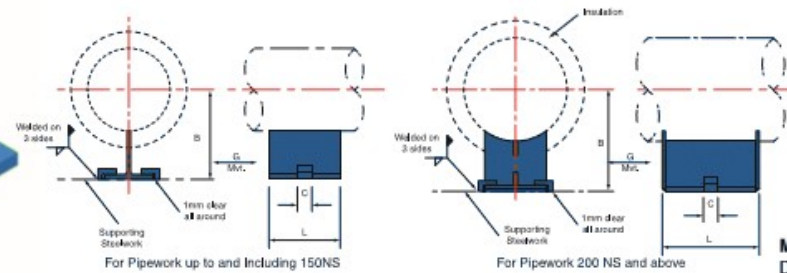
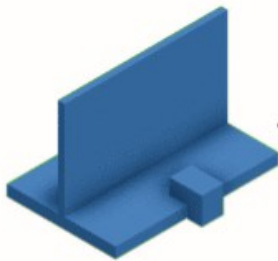
ANCILLARY COMPONENTS - PIPE ATTACHMENTS

SLIDING SUPPORT (WELDED TYPE) - FIG. 381



Material: Carbon Steel.
Dimensions may be modified to suit specific applications, and low friction bearing surfaces applied, i.e. PTFE.

SLIDING GUIDE (WELDED TYPE) - FIG. 382

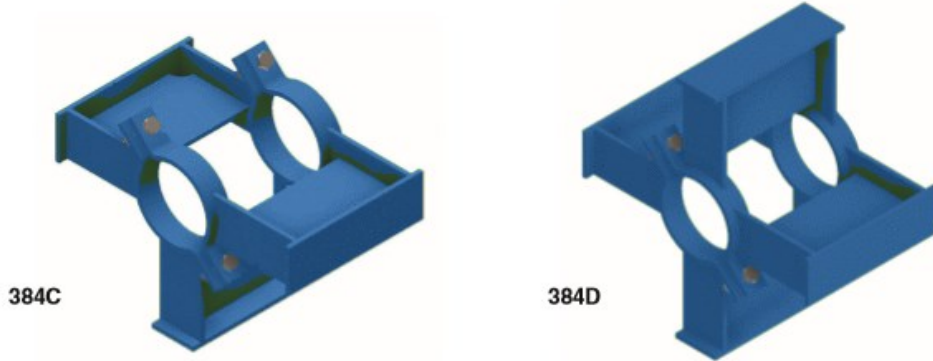


Material: Carbon Steel.
Dimensions may be modified to suit specific applications, and low friction bearing surfaces applied, i.e. PTFE.

Nom Pipe Size	Pipe O/D	B	C	Max Mvt G	K	L	Max load (lbs)
3/4"	1.05	4 1/2	1 15/16	3 15/16	2 3/8	5 7/8	500
1"	1.31	4 5/8	1 15/16	3 15/16	2 3/8	5 7/8	
1 1/4"	1.66	4 3/4	1 15/16	3 15/16	2 3/8	5 7/8	
1 1/2"	1.9	4 15/16	1 15/16	3 15/16	2 3/8	5 7/8	
2"	2.37	5 3/16	1 15/16	3 15/16	2 3/8	5 7/8	
2 1/2"	2.87	5 7/16	1 15/16	3 15/16	3 15/16	5 7/8	1000
3"	3.5	5 11/16	1 15/16	3 15/16	3 15/16	5 7/8	
3 1/2"	4	5 15/16	1 15/16	3 15/16	3 15/16	5 7/8	
4"	4.5	6 1/4	2 9/16	3 9/16	3 15/16	5 7/8	1750
5"	5.56	6 11/16	2 9/16	3 9/16	3 15/16	5 7/8	
6"	6.63	7 5/16	2 9/16	3 9/16	3 15/16	5 7/8	
8"	8.63	8 1/4	3 1/8	3 15/16	5 1/4	7 7/8	6400
10"	10.75	9 5/16	3 1/8	3 15/16	5 1/4	7 7/8	
12"	12.75	10 5/16	3 1/8	3 15/16	8 1/16	7 7/8	13000
14"	14	10 15/16	3 1/8	5 7/8	8 1/16	9 13/16	14300
16"	16	11 15/16	3 1/8	5 7/8	8 1/16	9 13/16	
18"	18	12 15/16	3 1/8	5 11/16	10	9 13/16	17400
20"	20	13 15/16	3 9/16	7 1/16	12	11 13/16	
22"	22	14 15/16	3 9/16	7 1/16	12	11 13/16	19200
24"	24	15 15/16	3 9/16	7 1/16	12	11 13/16	20300

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

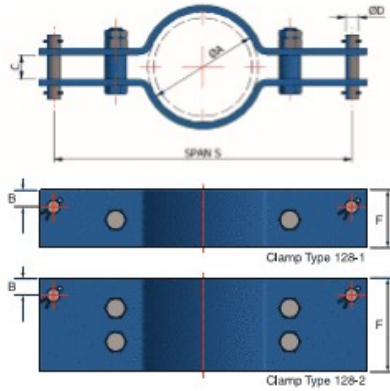
CLAMP BASE 3 WAY - FIG. 384C, CLAMP BASE 4 WAY - FIG. 384D



Part No. Fig. 384C	Part No. Fig. 384D	Nominal Pipe Size		Max. Temp.		Max Vertical Load Fv	Max Lateral Load	Max Axial Load	Pipe O/D	A	B	E	F	G	H	Material	Weight Fig. 384C	Weight Fig. 384D
		in	mm	Deg. F	Deg. C	lbs	lbs	lbs	in	in	in	in	in	in	in		lbs	lbs
384C-400-G-T0	384D-400-G-T0	16	400	750	400	12040	12040	= 0.3 Fv	16	10 5/16	11 3/4	4 3/4	13 3/4	3/8	12	Carbon Steel	95.9	111
384C-400-G-T1	384D-400-G-T1	16	400	842	450	12040	12040	= 0.3 Fv	16	10 5/16	11 3/4	6 5/16	13 3/4	5/16	15 15/16	Alloy Steel	124	148
384C-400-G-T2	384D-400-G-T2	16	400	1022	550	12040	12040	= 0.3 Fv	16	10 5/16	11 3/4	7 1/16	17 11/16	5/16	17 15/16	Alloy Steel	161	198
384C-400-G-T3	384D-400-G-T3	16	400	1112	600	12040	12040	= 0.3 Fv	16	10 5/16	11 3/4	7 7/8	17 11/16	5/8	19 7/8	Alloy Steel	298	379
384C-400-G-T4	384D-400-G-T4	16	400	1112	600	12040	12040	= 0.3 Fv	16	10 3/16	11 9/16	7 7/8	17 11/16	5/16	19 7/8	9% Cr Steel	177	223
384C-450-E-T0	384D-450-E-T0	18	450	750	400	5200	5200	= 0.3 Fv	18	11	12 3/16	5 1/2	15 3/4	5/16	14	Carbon Steel	92.6	110
384C-450-E-T1	384D-450-E-T1	18	450	842	450	5200	5200	= 0.3 Fv	18	11	12 3/16	6 11/16	15 3/4	1/4	16 15/16	Alloy Steel	103	124
384C-450-E-T2	384D-450-E-T2	18	450	1022	550	5200	5200	= 0.3 Fv	18	11	12 3/16	7 1/2	17 11/16	5/16	18 7/8	Alloy Steel	154	192
384C-450-E-T3	384D-450-E-T3	18	450	1112	600	5200	5200	= 0.3 Fv	18	11	12 3/16	8 1/4	17 11/16	5/16	20 7/8	Alloy Steel	180	227
384C-450-E-T4	384D-450-E-T4	18	450	1112	600	5200	5200	= 0.3 Fv	18	10 7/8	12 1/16	8 1/4	17 11/16	1/4	20 7/8	9% Cr Steel	139	175
384C-450-H-T0	384D-450-H-T0	18	450	750	400	16490	16490	= 0.3 Fv	18	11 5/8	13 1/16	5 1/2	15 3/4	1/2	14	Carbon Steel	142	167
384C-450-H-T1	384D-450-H-T1	18	450	842	450	16490	16490	= 0.3 Fv	18	11 5/8	13 1/16	6 11/16	15 3/4	5/16	16 15/16	Alloy Steel	149	177
384C-450-H-T2	384D-450-H-T2	18	450	1022	550	16490	16490	= 0.3 Fv	18	11 5/8	13 1/16	7 1/2	17 11/16	3/8	18 7/8	Alloy Steel	207	254
384C-450-H-T3	384D-450-H-T3	18	450	1112	600	16490	16490	= 0.3 Fv	18	11 5/8	13 1/16	8 1/4	17 11/16	13/16	20 7/8	Alloy Steel	397	505
384C-450-H-T4	384D-450-H-T4	18	450	1112	600	16490	16490	= 0.3 Fv	18	11 3/16	12 5/8	8 1/4	17 11/16	5/16	20 7/8	9% Cr Steel	184	231
384C-500-F-T0	384D-500-F-T0	20	500	750	400	8270	8270	= 0.3 Fv	20	12 1/4	13 7/16	5 7/8	15 3/4	3/8	14 15/16	Carbon Steel	122	145
384C-500-F-T1	384D-500-F-T1	20	500	842	450	8270	8270	= 0.3 Fv	20	12 1/4	13 7/16	7 1/16	15 3/4	5/16	17 15/16	Alloy Steel	141	169
384C-500-F-T2	384D-500-F-T2	20	500	1022	550	8270	8270	= 0.3 Fv	20	12 1/4	13 7/16	8 11/16	17 11/16	3/8	21 7/8	Alloy Steel	234	291
384C-500-F-T3	384D-500-F-T3	20	500	1112	600	8270	8270	= 0.3 Fv	20	12 1/4	13 7/16	8 11/16	17 11/16	3/8	21 7/8	Alloy Steel	234	291
384C-500-F-T4	384D-500-F-T4	20	500	1112	600	8270	8270	= 0.3 Fv	20	11 7/8	13 1/16	8 11/16	17 11/16	5/16	21 7/8	9% Cr Steel	180	229
384C-500-I-T0	384D-500-I-T0	20	500	750	400	21650	21650	= 0.3 Fv	20	12 11/16	14 1/8	5 7/8	15 3/4	5/8	14 15/16	Carbon Steel	169	201
384C-500-I-T1	384D-500-I-T1	20	500	842	450	21650	21650	= 0.3 Fv	20	12 11/16	14 1/8	7 1/16	15 3/4	3/8	17 15/16	Alloy Steel	178	213
384C-500-I-T2	384D-500-I-T2	20	500	1022	550	21650	21650	= 0.3 Fv	20	12 11/16	14 1/8	8 11/16	17 11/16	1/2	21 7/8	Alloy Steel	282	353
384C-500-I-T3	384D-500-I-T3	20	500	1112	600	21650	21650	= 0.3 Fv	20	12 11/16	14 1/8	8 11/16	17 11/16	1	21 7/8	Alloy Steel	487	624
384C-500-I-T4	384D-500-I-T4	20	500	1112	600	21650	21650	= 0.3 Fv	20	12 1/4	13 11/16	8 11/16	17 11/16	3/8	21 7/8	9% Cr Steel	227	287
384C-550-F-T0	384D-550-F-T0	22	550	750	400	8270	8270	= 0.3 Fv	22	13 1/4	14 7/16	6 11/16	17 11/16	3/8	16 15/16	Carbon Steel	150	180
384C-550-F-T1	384D-550-F-T1	22	550	842	450	8270	8270	= 0.3 Fv	22	13 1/4	14 7/16	7 1/2	17 11/16	5/16	18 7/8	Alloy Steel	155	188
384C-550-F-T2	384D-550-F-T2	22	550	1022	550	8270	8270	= 0.3 Fv	22	13 1/4	14 7/16	9 1/16	17 11/16	3/8	22 13/16	Alloy Steel	243	302
384C-550-F-T3	384D-550-F-T3	22	550	1112	600	8270	8270	= 0.3 Fv	22	13 1/4	14 7/16	9 1/16	17 11/16	3/8	22 13/16	Alloy Steel	243	302
384C-550-F-T4	384D-550-F-T4	22	550	1112	600	8270	8270	= 0.3 Fv	22	12 7/8	14 1/16	9 1/16	17 11/16	5/16	22 13/16	9% Cr Steel	187	236
384C-550-J-T0	384D-550-J-T0	22	550	750	400	29890	29890	= 0.3 Fv	22	13 7/8	15 11/16	6 11/16	17 11/16	5/8	16 15/16	Carbon Steel	236	278
384C-550-J-T1	384D-550-J-T1	22	550	842	450	29890	29890	= 0.3 Fv	22	13 7/8	15 11/16	7 1/2	17 11/16	3/8	18 7/8	Alloy Steel	223	262
384C-550-J-T2	384D-550-J-T2	22	550	1022	550	29890	29890	= 0.3 Fv	22	13 7/8	15 11/16	9 1/16	17 11/16	5/8	22 13/16	Alloy Steel	370	461
384C-550-J-T3	384D-550-J-T3	22	550	1112	600	29890	29890	= 0.3 Fv	22	13 7/8	15 11/16	9 1/16	17 11/16	1 3/16	22 13/16	Alloy Steel	606	772
384C-550-J-T4	384D-550-J-T4	22	550	1112	600	29890	29890	= 0.3 Fv	22	13 7/16	15 1/4	9 1/16	17 11/16	1/2	22 13/16	9% Cr Steel	293	366
384C-600-G-T0	384D-600-G-T0	24	600	750	400	12040	12040	= 0.3 Fv	24	14 5/16	15 1/2	7 1/16	17 11/16	3/8	17 15/16	Carbon Steel	158	189
384C-600-G-T1	384D-600-G-T1	24	600	842	450	12040	12040	= 0.3 Fv	24	14 5/16	15 1/2	7 7/8	17 11/16	5/16	19 7/8	Alloy Steel	163	196
384C-600-G-T2	384D-600-G-T2	24	600	1022	550	12040	12040	= 0.3 Fv	24	14 5/16	15 1/2	9 7/16	17 11/16	3/8	23 13/16	Alloy Steel	251	313
384C-600-G-T3	384D-600-G-T3	24	600	1112	600	12040	12040	= 0.3 Fv	24	14 5/16	15 1/2	9 7/16	17 11/16	1/2	23 13/16	Alloy Steel	287	362
384C-600-G-T4	384D-600-G-T4	24	600	1112	600	12040	12040	= 0.3 Fv	24	13 15/16	15 1/8	9 7/16	17 11/16	5/16	23 13/16	9% Cr Steel	194	245
384C-600-J-T0	384D-600-J-T0	24	600	750	400	29890	29890	= 0.3 Fv	24	14 15/16	16 11/16	7 1/16	17 11/16	5/8	17 15/16	Carbon Steel	247	291
384C-600-J-T1	384D-600-J-T1	24	600	842	450	29890	29890	= 0.3 Fv	24	14 15/16	16 11/16	7 7/8	17 11/16	3/8	19 7/8	Alloy Steel	234	273
384C-600-J-T2	384D-600-J-T2	24	600	1022	550	29890	29890	= 0.3 Fv	24	14 15/16	16 11/16	9 7/16	17 11/16	5/8	23 13/16	Alloy Steel	386	476
384C-600-J-T3	384D-600-J-T3	24	600	1112	600	29890	29890	= 0.3 Fv	24	14 15/16	16 11/16	9 7/16	17 11/16	1 3/16	23 13/16	Alloy Steel	626	798
384C-600-J-T4	384D-600-J-T4	24	600	1112	600	29890	29890	= 0.3 Fv	24	14 1/2	16 1/4	9 7/16	17 11/16	1/2	23 13/16	9% Cr Steel	304	379
384C-650-G-T0	384D-650-G-T0	26	650	750	400	12040	12040	= 0.3 Fv	26	15 5/16	16 1/2	7 1/2	17 11/16	3/8	19 1/8	Carbon Steel	167	200
384C-650-G-T1	384D-650-G-T1	26	650	842	450	12040	12040	= 0.3 Fv	26	15 5/16	16 1/2	8 1/4	17 11/16	5/16	21 1/16	Alloy Steel	172	207
384C-650-G-T2	384D-650-G-T2	26	650	1022	550	12040	12040	= 0.3 Fv	26	15 5/16	16 1/2	9 13/16	17 11/16	3/8	25	Alloy Steel	262	328
384C-650-G-T3	384D-650-G-T3	26	650	1112	600	12040	12040	= 0.3 Fv	26	15 5/16	16 1/2	9 13/16	17 11/16	1/2	25	Alloy Steel	300	377
384C-650-G-T4	384D-650-G-T4	26	650	1112	600	12040	12040	= 0.3 Fv	26	14 15/16	16 1/8	9 13/16	17 11/16	5/16	25	9% Cr Steel	202	256
384C-650-J-T0	384D-650-J-T0	26	650	750	400	29890	29890	= 0.3 Fv	26	16	17 3/4	7 1/2	17 11/16	5/8	19 1/8	Carbon Steel	262	309
384C-650-J-T1	384D-650-J-T1	26	650	842	450	29890	29890	= 0.3 Fv	26	16	17 3/4	8 1/4	17 11/16	3/8	21 1/16	Alloy Steel	247	289
384C-650-J-T2	384D-650-J-T2	26	650	1022	550	29890	29890	= 0.3 Fv	26	16	17 3/4	9 13/16	17 11/16	5/8	25	Alloy Steel	403	498
384C-650-J-T3	384D-650-J-T3	26	650	1112	600	29890	29890	= 0.3 Fv	26	16	17 3/4	9 13/16	17 11/16	1 3/16	25	Alloy Steel	653	831
384C-650-J-T4	384D-650-J-T4	26	650	1112	600	29890	29890	= 0.3 Fv	26	15 9/16	17 5/16	9 13/16	17 11/16	1/2	25	9% Cr Steel	317	395
384C-700-G-T0	384D-700-G-T0	28	700	750	400	12040	12040	= 0.3 Fv	28	16 5/16	17 1/2	7 7/8	17 11/16	3/8	20 1/16	Carbon Steel	175	209
384C-700-G-T1	384D-700-G-T1	28	700	842	450	12040	12040	= 0.3 Fv	28	16 5/16	17 1/2	8 11/16	17 11/16	5/16	22 11/16	Alloy Steel	180	216
384C-700-G-T2	384D-700-G-T2	28	700	1022	550	12040	12040	= 0.3 Fv	28	16 5/16	17 1/2	10 1/4	17 11/16	3/8	26	Alloy Steel	271	340
384C-700-G-T3	384D-700-G-T3	28	700	1112	600	12040	12040	= 0.3 Fv	28	16 5/16	17 1/2	10 1/4	17 11/16	1/2	26	Alloy Steel	311	390
384C-700-G-T4	384D-700-G-T4	28	700	1112	600	12040	12040	= 0.3 Fv	28	16	17 3/16	10 1/4	17 11/16	5/16	26	9% Cr Steel	209	262
384C-700-J-T0	384D-																	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

RISER CLAMP - FIG. 128



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

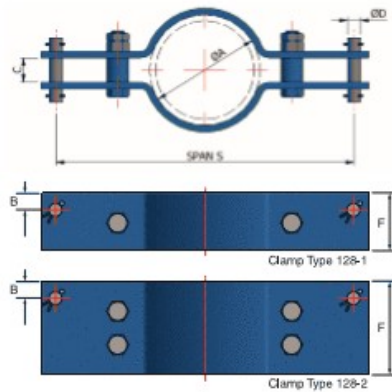
Note (1) For use with shear lugs.
Note (2) where the clamp is used in a rigid hanger assembly (no springs), the clamp shall be selected to carry the full load on either hanger rod, i.e. double the pipe load when selecting the riser clamp.

Part Number	Design Load	Max Temp.		Nominal Pipe Size		O/D	Dia. A	Span S (Min)	Span S (Max)	Dia. D	Gap C	B	E (vert edge)	F (at Min Span)	F (at Max Span)	Weight (at Min Span)	Weight (at Max Span)	Clamp Material
	lbs	Deg. F	Deg. C	in	mm	in	in	in	in	in	in	in	in	in	in	lbs	lbs	
128-2-400-E-T0	10400	750	400	16	400	16	16 1/4	29 1/2	70 7/8	1.18	1 1/8	1 3/4	2 1/16	6 11/16	9 7/16	156	693	Carbon Steel
128-2-400-F-T0	16540	750	400	16	400	16	16 1/4	33 7/16	70 7/8	1.42	1 9/16	2 1/8	2 1/2	8 11/16	9 7/16	267	869	Carbon Steel
128-2-400-G-T0	24080	750	400	16	400	16	16 1/4	35 7/16	55 1/8	1.65	1 3/4	2 1/2	2 15/16	9 13/16	9 13/16	376	744	Carbon Steel
128-2-400-H-T0	32980	750	400	16	400	16	16 1/4	37 3/8	45 1/4	1.89	2 1/16	2 13/16	3 5/16	9 1/16	9 13/16	467	646	Carbon Steel
128-2-450-B-T0	2460	750	400	18	450	18	18 1/4	27 9/16	70 7/8	0.63	11/16	15/16	1 1/8	4 5/16	5 7/8	56.8	270	Carbon Steel
128-2-450-C-T0	4580	750	400	18	450	18	18 1/4	31 1/2	70 7/8	0.79	3/4	1 3/16	1 3/8	5 7/8	7 1/2	115	412	Carbon Steel
128-2-450-D-T0	7180	750	400	18	450	18	18 1/4	31 1/2	70 7/8	0.94	15/16	1 7/16	1 5/8	7 1/16	8 1/4	174	534	Carbon Steel
128-2-450-E-T0	10400	750	400	18	450	18	18 1/4	33 7/16	70 7/8	1.18	1 1/8	1 3/4	2 1/16	7 1/2	9 1/16	196	673	Carbon Steel
128-2-450-F-T0	16540	750	400	18	450	18	18 1/4	35 7/16	70 7/8	1.42	1 9/16	2 1/8	2 1/2	9 1/16	9 1/16	298	843	Carbon Steel
128-2-450-G-T0	24080	750	400	18	450	18	18 1/4	37 3/8	57 1/16	1.65	1 3/4	2 1/2	2 15/16	8 11/16	9 13/16	401	777	Carbon Steel
128-2-450-H-T0	32980	750	400	18	450	18	18 1/4	39 3/8	41 5/16	1.89	2 1/16	2 13/16	3 5/16	9 7/16	9 13/16	515	555	Carbon Steel
128-2-500-B-T0	2460	750	400	20	500	20	20 5/16	29 1/2	70 7/8	0.63	11/16	15/16	1 1/8	4 3/4	5 7/8	66.9	274	Carbon Steel
128-2-500-C-T0	4580	750	400	20	500	20	20 5/16	33 7/16	68 7/8	0.79	3/4	1 3/16	1 3/8	5 7/8	7 1/16	123	386	Carbon Steel
128-2-500-D-T0	7180	750	400	20	500	20	20 5/16	33 7/16	68 7/8	0.94	15/16	1 7/16	1 5/8	7 7/8	7 7/8	186	503	Carbon Steel
128-2-500-E-T0	10400	750	400	20	500	20	20 5/16	35 7/16	68 7/8	1.18	1 1/8	1 3/4	2 1/16	7 1/2	8 1/4	209	608	Carbon Steel
128-2-500-F-T0	16540	750	400	20	500	20	20 5/16	37 3/8	68 7/8	1.42	1 9/16	2 1/8	2 1/2	9 1/16	8 11/16	316	800	Carbon Steel
128-2-500-G-T0	24080	750	400	20	500	20	20 5/16	39 3/8	59 1/16	1.65	1 3/4	2 1/2	2 15/16	8 11/16	9 13/16	424	810	Carbon Steel
128-1-15-O-T1	1020	842	450	1/2	15	0.84	7/8	7 7/8	31 1/2	0.47	9/16	11/16	13/16	2 3/8	3 1/8	4.3	35.3	Alloy Steel
128-1-20-O-T1	1020	842	450	3/4	20	1.05	1 1/8	7 7/8	31 1/2	0.47	9/16	11/16	13/16	2 3/8	3 1/8	4.3	35.4	Alloy Steel
128-1-25-O-T1	1020	842	450	1	25	1.31	1 7/16	7 7/8	31 1/2	0.47	9/16	11/16	13/16	2 3/8	3 1/8	4.4	35.4	Alloy Steel
128-1-32-O-T1	1020	842	450	1 1/4	32	1.66	1 3/4	7 7/8	31 1/2	0.47	9/16	11/16	13/16	2 3/8	3 1/8	4.4	35.6	Alloy Steel
128-1-40-O-T1	1020	842	450	1 1/2	40	1.9	1 15/16	7 7/8	31 1/2	0.47	9/16	11/16	13/16	2 3/8	3 1/8	4.5	35.7	Alloy Steel
128-1-50-O-T1	1020	842	450	2	50	2.37	2 7/16	9 13/16	39 3/8	0.47	9/16	11/16	13/16	1 15/16	3 15/16	5.6	55.2	Alloy Steel
128-1-50-A-T1	1680	842	450	2	50	2.37	2 7/16	9 13/16	39 3/8	0.63	9/16	15/16	1 1/8	3 1/8	3 9/16	9.3	67	Alloy Steel
128-1-50-B-T1	2460	842	450	2	50	2.37	2 7/16	9 13/16	39 3/8	0.63	11/16	15/16	1 1/8	3 1/8	4 3/4	11.1	89.3	Alloy Steel
128-1-65-O-T1	1020	842	450	2 1/2	65	2.87	3 1/8	9 13/16	39 3/8	0.47	9/16	11/16	13/16	1 15/16	3 15/16	5.7	55.5	Alloy Steel
128-1-65-A-T1	1680	842	450	2 1/2	65	2.87	3 1/8	11 13/16	39 3/8	0.63	9/16	15/16	1 1/8	2 3/4	3 9/16	11.6	67.7	Alloy Steel
128-1-65-B-T1	2460	842	450	2 1/2	65	2.87	3 1/8	11 13/16	39 3/8	0.63	11/16	15/16	1 1/8	3 9/16	5 1/8	14.7	97.4	Alloy Steel
128-1-80-O-T1	1020	842	450	3	80	3.5	3 5/8	11 13/16	39 3/8	0.47	9/16	11/16	13/16	2 3/8	3 15/16	8	55.8	Alloy Steel
128-1-80-A-T1	1680	842	450	3	80	3.5	3 5/8	11 13/16	39 3/8	0.63	9/16	15/16	1 1/8	2 3/4	3 9/16	11.7	68	Alloy Steel
128-1-80-B-T1	2460	842	450	3	80	3.5	3 5/8	11 13/16	39 3/8	0.63	11/16	15/16	1 1/8	3 9/16	5 1/8	14.9	97.9	Alloy Steel
128-2-100-O-T1	1020	842	450	4	100	4.5	4 5/8	11 13/16	47 1/4	0.47	9/16	11/16	13/16	3 1/8	4 3/4	11	80.3	Alloy Steel
128-2-100-A-T1	1680	842	450	4	100	4.5	4 5/8	11 13/16	47 1/4	0.63	9/16	15/16	1 1/8	3 1/8	4 5/16	11.6	99	Alloy Steel
128-2-100-B-T1	2460	842	450	4	100	4.5	4 5/8	11 13/16	47 1/4	0.63	11/16	15/16	1 1/8	3 1/8	6 5/16	13.7	144	Alloy Steel
128-2-100-C-T1	4580	842	450	4	100	4.5	4 5/8	13 3/4	47 1/4	0.79	3/4	1 3/16	1 3/8	4 3/4	7 1/16	29.3	204	Alloy Steel
128-2-125-O-T1	1020	842	450	5	125	5.56	5 11/16	13 3/4	47 1/4	0.47	9/16	11/16	13/16	3 1/8	4 3/4	12.8	81.1	Alloy Steel
128-2-125-A-T1	1680	842	450	5	125	5.56	5 11/16	13 3/4	47 1/4	0.63	9/16	15/16	1 1/8	3 1/8	4 5/16	15.8	100	Alloy Steel
128-2-125-B-T1	2460	842	450	5	125	5.56	5 11/16	13 3/4	47 1/4	0.63	11/16	15/16	1 1/8	3 9/16	6 5/16	17.7	145	Alloy Steel
128-2-125-C-T1	4580	842	450	5	125	5.56	5 11/16	15 3/4	47 1/4	0.79	3/4	1 3/16	1 3/8	3 15/16	7 1/2	36.9	217	Alloy Steel
128-2-150-O-T1	1020	842	450	6	150	6.63	6 3/4	13 3/4	47 1/4	0.47	9/16	11/16	13/16	3 1/8	4 3/4	13.2	82	Alloy Steel
128-2-150-A-T1	1680	842	450	6	150	6.63	6 3/4	13 3/4	47 1/4	0.63	9/16	15/16	1 1/8	3 1/8	4 5/16	13.7	101	Alloy Steel
128-2-150-B-T1	2460	842	450	6	150	6.63	6 3/4	15 3/4	47 1/4	0.63	11/16	15/16	1 1/8	3 1/8	6 5/16	22.2	147	Alloy Steel
128-2-150-C-T1	4580	842	450	6	150	6.63	6 3/4	15 3/4	47 1/4	0.79	3/4	1 3/16	1 3/8	4 3/4	7 1/2	34.1	219	Alloy Steel
128-2-150-D-T1	7180	842	450	6	150	6.63	6 3/4	17 11/16	47 1/4	0.94	15/16	1 7/16	1 5/8	5 1/8	7 7/8	54.8	279	Alloy Steel
128-2-200-A-T1	1680	842	450	8	200	8.63	8 13/16	17 11/16	59 1/16	0.63	9/16	15/16	1 1/8	3 1/8	5 1/2	20.6	160	Alloy Steel
128-2-200-B-T1	2460	842	450	8	200	8.63	8 13/16	17 11/16	59 1/16	0.63	11/16	15/16	1 1/8	3 15/16	5 1/8	32	185	Alloy Steel
128-2-200-C-T1	4580	842	450	8	200	8.63	8 13/16	17 11/16	59 1/16	0.79	3/4	1 3/16	1 3/8	4 3/4	6 11/16	39.2	292	Alloy Steel
128-2-200-D-T1	7180	842	450	8	200	8.63	8 13/16	19 11/16	59 1/16	0.94	15/16	1 7/16	1 5/8	5 1/8	7 1/2	61.6	384	Alloy Steel
128-2-200-E-T1	10400	842	450	8	200	8.63	8 13/16	21 5/8	59 1/16	1.18	1 1/8	1 3/4	2 1/16	5 1/2	8 1/4	91.9	490	Alloy Steel
128-2-200-F-T1	16540	842	450	8	200	8.63	8 13/16	23 5/8	59 1/16	1.42	1 9/16	2 1/8	2 1/2	7 1/16	9 13/16	153	662	Alloy Steel
128-2-250-A-T1	1680	842	450	10	250	10.75	10 15/16	19 11/16	59 1/16	0.63	9/16	15/16	1 1/8	3 1/8	5 1/2	23.2	163	Alloy Steel
128-2-250-B-T1	2460	842	450	10	250	10.75	10 15/16	19 11/16	59 1/16	0.63	11/16	15/16	1 1/8	3 15/16	5 1/8	36.1	189	Alloy Steel
128-2-250-C-T1	4580	842	450	10	250	10.75	10 15/16	21 5/8	59 1/16	0.79	3/4	1 3/16	1 3/8	4 3/4	6 5/16	62.7	280	Alloy Steel
128-2-250-D-T1	7180	842	450	10	250	10.75	10 15/16	23 5/8	59 1/16	0.94	15/16	1 7/16	1 5/8	5 7/8	7 7/8	84.7	423	Alloy Steel
128-2-250-E-T1	10400	842	450	10	250	10.75	10 15/16	23 5/8	59 1/16	1.18	1 1/8	1 3/4	2 1/16	5 1/2	7 7/8	101	474	Alloy Steel
128-2-250-F-T1	16540	842	450	10	250	10.75	10 15/16	25 9/16	59 1/16	1.42	1 9/16	2 1/8	2 1/2	7 1/16	9 13/16	168	672	Alloy Steel
128-2-250-G-T1	24080	842	450	10	250	10.75	10 15/16	27 9/16	59 1/16	1.65	1 3/4	2 1/2	2 15/16	8 1/4	9 13/16	248	671	Alloy Steel
128-2-300-A-T1	1680	842	450	12	300	12.75	13	21 5/8	74 13/16	0.63	9/16	15/16	1 1/8	3 15/16	4 3/4	40.2	219	Alloy Steel
128-2-300-B-T1	2460	842	450	12	300	12.75	13	21 5/8	74 13/16	0.63	11/16	15/16	1 1/8	3 15/16	6 5/16	40.1	291	Alloy Steel
128-2-300-C-T1	4580	842	450	12	300	12.75	13	23 5/8	72 13/16	0.79	3/4	1 3/16	1 3/8	4 3/4	7 7/8	69.2	428	Alloy Steel

RISER CLAMP - FIG. 128



Note (1) For use with shear lugs.
Note (2) where the clamp is used in a rigid hanger assembly (no springs), the clamp shall be selected to carry the full load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.



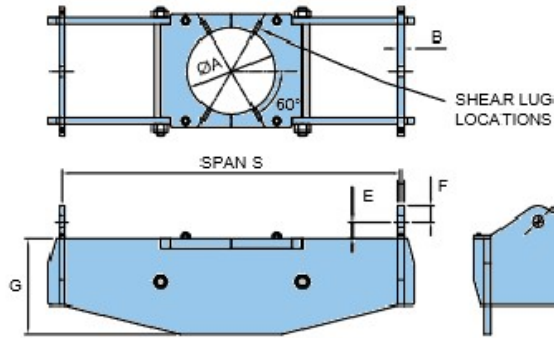
When ordering, specify:
 Part Number
 Span "S"

Materials:
 Range T0 - Carbon Steel
 Range T1 - Alloy Steel
 Range T2 - Alloy Steel
 Range T3 - Alloy Steel
 Range T4 - 9% Cr Steel

Part Number	Design Load	Max Temp.		Nominal Pipe Size		O/D	Dia. A	Span S (Min)	Span S (Max)	Dia. D	Gap C	B	E (vert edge)	F (at Min Span)	F (at Max Span)	Weight (at Min Span)	Weight (at Max Span)	Clamp Material
	lbs	Deg. F	Deg. C	in	mm	in	in	in	in	in	in	in	in	in	in	lbs	lbs	
128-2-450-B-T4	2460	1112	600	18	450	18	18 1/4	29 1/2	70 7/8	0.63	11/16	15/16	1 1/8	4 3/4	6 11/16	86.3	306	9% Cr Steel
128-2-450-C-T4	4580	1112	600	18	450	18	18 1/4	29 1/2	70 7/8	0.79	3/4	1 3/16	1 3/8	5 1/8	8 1/4	94.9	454	9% Cr Steel
128-2-450-D-T4	7180	1112	600	18	450	18	18 1/4	31 1/2	70 7/8	0.94	15/16	1 7/16	1 5/8	5 7/8	9 1/16	144	583	9% Cr Steel
128-2-450-E-T4	10400	1112	600	18	450	18	18 1/4	33 7/16	70 7/8	1.18	1 1/8	1 3/4	2 1/16	7 1/16	9 7/16	221	702	9% Cr Steel
128-2-450-F-T4	16540	1112	600	18	450	18	18 1/4	35 7/16	70 7/8	1.42	1 9/16	2 1/8	2 1/2	7 1/2	9 7/16	286	879	9% Cr Steel
128-2-450-G-T4	24080	1112	600	18	450	18	18 1/4	37 3/8	57 1/16	1.65	1 3/4	2 1/2	2 15/16	8 11/16	9 13/16	401	777	9% Cr Steel
128-2-500-B-T4	2460	1112	600	20	500	20	20 5/16	31 1/2	70 7/8	0.63	11/16	15/16	1 1/8	4 3/4	6 5/16	92.9	292	9% Cr Steel
128-2-500-C-T4	4580	1112	600	20	500	20	20 5/16	31 1/2	68 7/8	0.79	3/4	1 3/16	1 3/8	5 7/8	7 1/2	117	407	9% Cr Steel
128-2-500-D-T4	7180	1112	600	20	500	20	20 5/16	33 7/16	68 7/8	0.94	15/16	1 7/16	1 5/8	5 7/8	8 1/4	155	527	9% Cr Steel
128-2-500-E-T4	10400	1112	600	20	500	20	20 5/16	35 7/16	68 7/8	1.18	1 1/8	1 3/4	2 1/16	7 1/16	9 1/16	236	665	9% Cr Steel
128-2-500-F-T4	16540	1112	600	20	500	20	20 5/16	37 3/8	68 7/8	1.42	1 9/16	2 1/8	2 1/2	7 1/2	8 11/16	304	798	9% Cr Steel
128-2-500-G-T4	24080	1112	600	20	500	20	20 5/16	39 3/8	59 1/16	1.65	1 3/4	2 1/2	2 15/16	8 11/16	9 13/16	424	810	9% Cr Steel

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

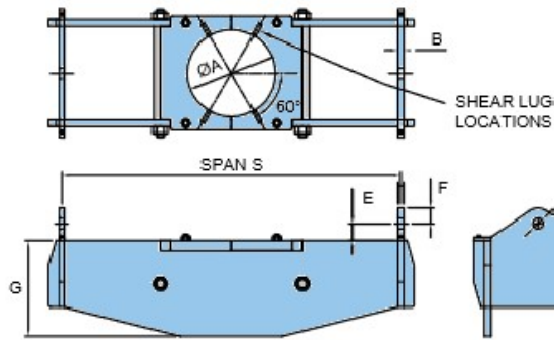
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-250-T0-B1	10"	250	10.75	750	400	2460	19 5/16	39 3/8	10 15/16	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	63.9	92.6
129-250-T0-B2	10"	250	10.75	750	400	2460	39 7/16	59 1/16	10 15/16	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	92.6	119
129-250-T0-C1	10"	250	10.75	750	400	4580	19 5/16	39 3/8	10 15/16	1/2	1 1/16	3 1/8	1 3/8	5 1/8	Carbon Steel	70.5	99.2
129-250-T0-C2	10"	250	10.75	750	400	4580	39 7/16	59 1/16	10 15/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	117	150
129-250-T0-D1	10"	250	10.75	750	400	7180	19 5/16	39 3/8	10 15/16	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Carbon Steel	92.6	128
129-250-T0-D2	10"	250	10.75	750	400	7180	39 7/16	59 1/16	10 15/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	194	254
129-250-T0-E1	10"	250	10.75	750	400	10400	19 5/16	39 3/8	10 15/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	139	201
129-250-T0-E2	10"	250	10.75	750	400	10400	39 7/16	59 1/16	10 15/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	201	262
129-250-T0-F1	10"	250	10.75	750	400	16540	20 1/16	39 3/8	10 15/16	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Carbon Steel	170	231
129-250-T0-F2	10"	250	10.75	750	400	16540	39 7/16	59 1/16	10 15/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	317	414
129-250-T0-G1	10"	250	10.75	750	400	24080	20 1/2	39 3/8	10 15/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	240	333
129-250-T0-G2	10"	250	10.75	750	400	24080	39 7/16	59 1/16	10 15/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	439	578
129-250-T0-H1	10"	250	10.75	750	400	32980	20 7/8	39 3/8	10 15/16	1	2 3/8	6 11/16	3 9/16	10 13/16	Carbon Steel	269	362
129-250-T0-H2	10"	250	10.75	750	400	32980	39 7/16	59 1/16	10 15/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	470	608
129-300-T0-B1	12"	300	12.75	750	400	2460	22 7/16	39 3/8	13	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	77.2	99.2
129-300-T0-B2	12"	300	12.75	750	400	2460	39 7/16	59 1/16	13	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	99.2	128
129-300-T0-C1	12"	300	12.75	750	400	4580	22 7/16	39 3/8	13	1/2	1 1/16	3 1/8	1 3/8	5 1/8	Carbon Steel	83.8	108
129-300-T0-C2	12"	300	12.75	750	400	4580	39 7/16	59 1/16	13	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	126	161
129-300-T0-D1	12"	300	12.75	750	400	7180	22 13/16	39 3/8	13	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Carbon Steel	110	141
129-300-T0-D2	12"	300	12.75	750	400	7180	39 7/16	59 1/16	13	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	207	267
129-300-T0-E1	12"	300	12.75	750	400	10400	22 13/16	39 3/8	13	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	165	216
129-300-T0-E2	12"	300	12.75	750	400	10400	39 7/16	59 1/16	13	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	218	278
129-300-T0-F1	12"	300	12.75	750	400	16540	23 1/4	39 3/8	13	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Carbon Steel	203	254
129-300-T0-F2	12"	300	12.75	750	400	16540	39 7/16	59 1/16	13	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	342	439
129-300-T0-G1	12"	300	12.75	750	400	24080	23 5/8	39 3/8	13	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	284	362
129-300-T0-G2	12"	300	12.75	750	400	24080	39 7/16	59 1/16	13	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	362	459
129-300-T0-H1	12"	300	12.75	750	400	32980	24	39 3/8	13	1	2 3/8	6 11/16	3 9/16	10 13/16	Carbon Steel	315	392
129-300-T0-H2	12"	300	12.75	750	400	32980	39 7/16	59 1/16	13	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	503	642
129-300-T0-I1	12"	300	12.75	750	400	43300	24 13/16	39 3/8	13	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	461	564
129-300-T0-I2	12"	300	12.75	750	400	43300	39 7/16	59 1/16	13	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	699	888
129-350-T0-B1	14"	350	14	750	400	2460	24 7/16	39 3/8	14 1/4	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	83.8	106
129-350-T0-B2	14"	350	14	750	400	2460	39 7/16	59 1/16	14 1/4	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	106	134
129-350-T0-C1	14"	350	14	750	400	4580	24 7/16	39 3/8	14 1/4	1/2	1 1/16	3 1/8	1 3/8	5 1/8	Carbon Steel	92.6	115
129-350-T0-C2	14"	350	14	750	400	4580	39 7/16	59 1/16	14 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	132	168
129-350-T0-D1	14"	350	14	750	400	7180	24 13/16	39 3/8	14 1/4	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Carbon Steel	123	148
129-350-T0-D2	14"	350	14	750	400	7180	39 7/16	59 1/16	14 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	216	276
129-350-T0-E1	14"	350	14	750	400	10400	24 13/16	39 3/8	14 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	183	227
129-350-T0-E2	14"	350	14	750	400	10400	39 7/16	59 1/16	14 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	227	289
129-350-T0-F1	14"	350	14	750	400	16540	25 3/16	39 3/8	14 1/4	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Carbon Steel	223	267
129-350-T0-F2	14"	350	14	750	400	16540	39 7/16	59 1/16	14 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	357	454
129-350-T0-G1	14"	350	14	750	400	24080	26	39 3/8	14 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	313	379
129-350-T0-G2	14"	350	14	750	400	24080	39 7/16	59 1/16	14 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	379	476
129-350-T0-H1	14"	350	14	750	400	32980	26	39 3/8	14 1/4	1	2 3/8	6 11/16	3 9/16	10 13/16	Carbon Steel	346	412
129-350-T0-H2	14"	350	14	750	400	32980	39 7/16	59 1/16	14 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	525	664
129-350-T0-I1	14"	350	14	750	400	43300	26 3/4	39 3/8	14 1/4	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	503	593
129-350-T0-I2	14"	350	14	750	400	43300	39 7/16	59 1/16	14 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	728	917
129-350-T0-J1	14"	350	14	750	400	59780	27 9/16	39 3/8	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	13	Carbon Steel	522	606
129-350-T0-J2	14"	350	14	750	400	59780	39 7/16	59 1/16	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	743	930
129-400-T0-B1	16"	400	16	750	400	2460	27 9/16	59 1/16	16 1/4	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	99.2	143
129-400-T0-B2	16"	400	16	750	400	2460	59 1/8	78 3/4	16 1/4	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	143	170
129-400-T0-C1	16"	400	16	750	400	4580	27 9/16	59 1/16	16 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	123	179
129-400-T0-C2	16"	400	16	750	400	4580	59 1/8	78 3/4	16 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	271	331
129-400-T0-D1	16"	400	16	750	400	7180	27 15/16	59 1/16	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	196	291
129-400-T0-D2	16"	400	16	750	400	7180	59 1/8	78 3/4	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	291	353
129-400-T0-E1	16"	400	16	750	400	10400	27 15/16	59 1/16	16 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	209	306
129-400-T0-E2	16"	400	16	750	400	10400	59 1/8	78 3/4	16 1/4	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	425	520
129-400-T0-F1	16"	400	16	750	400	16540	28 3/8	59 1/16	16 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	328	478
129-400-T0-F2	16"	400	16	750	400	16540	59 1/8	78 3/4	16 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	478	575
129-400-T0-G1	16"	400	16	750	400	24080	29 1/8	59 1/16	16 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	357	505
129-400-T0-G2	16"	400	16	750	400	24080	59 1/8	78 3/4	16 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	657	796

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

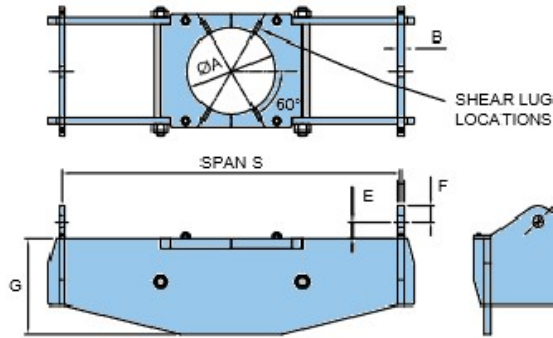
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-400-T0-H1	16"	400	16	750	400	32980	29 1/8	59 1/16	16 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	487	699
129-400-T0-H2	16"	400	16	750	400	32980	59 1/8	78 3/4	16 1/4	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	880	1067
129-400-T0-I1	16"	400	16	750	400	43300	29 15/16	59 1/16	16 1/4	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	569	778
129-400-T0-I2	16"	400	16	750	400	43300	59 1/8	78 3/4	16 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	966	1153
129-400-T0-J1	16"	400	16	750	400	59780	30 11/16	59 1/16	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	708	979
129-400-T0-J2	16"	400	16	750	400	59780	59 1/8	78 3/4	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1193	1437
129-400-T0-K1	16"	400	16	750	400	78920	30 11/16	59 1/16	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	908	1265
129-400-T0-K2	16"	400	16	750	400	78920	59 1/8	78 3/4	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	1510	1821
129-450-T0-B1	18"	450	18	750	400	2460	30 5/16	59 1/16	18 1/4	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	112	152
129-450-T0-B2	18"	450	18	750	400	2460	59 1/8	78 3/4	18 1/4	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	152	181
129-450-T0-C1	18"	450	18	750	400	4580	30 11/16	59 1/16	18 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	139	190
129-450-T0-C2	18"	450	18	750	400	4580	59 1/8	78 3/4	18 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	282	344
129-450-T0-D1	18"	450	18	750	400	7180	30 11/16	59 1/16	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	218	306
129-450-T0-D2	18"	450	18	750	400	7180	59 1/8	78 3/4	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	306	368
129-450-T0-E1	18"	450	18	750	400	10400	30 11/16	59 1/16	18 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	236	324
129-450-T0-E2	18"	450	18	750	400	10400	59 1/8	78 3/4	18 1/4	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	445	540
129-450-T0-F1	18"	450	18	750	400	16540	31 1/2	59 1/16	18 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	370	505
129-450-T0-F2	18"	450	18	750	400	16540	59 1/8	78 3/4	18 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	505	600
129-450-T0-G1	18"	450	18	750	400	24080	31 7/8	59 1/16	18 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	401	536
129-450-T0-G2	18"	450	18	750	400	24080	59 1/8	78 3/4	18 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	688	827
129-450-T0-H1	18"	450	18	750	400	32980	31 7/8	59 1/16	18 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	542	734
129-450-T0-H2	18"	450	18	750	400	32980	59 1/8	78 3/4	18 1/4	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	919	1107
129-450-T0-I1	18"	450	18	750	400	43300	32 11/16	59 1/16	18 1/4	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	635	822
129-450-T0-I2	18"	450	18	750	400	43300	59 1/8	78 3/4	18 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1014	1202
129-450-T0-J1	18"	450	18	750	400	59780	33 7/16	59 1/16	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	785	1030
129-450-T0-J2	18"	450	18	750	400	59780	59 1/8	78 3/4	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1246	1490
129-450-T0-K1	18"	450	18	750	400	78920	33 7/16	59 1/16	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1003	1325
129-450-T0-K2	18"	450	18	750	400	78920	59 1/8	78 3/4	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	1576	1887
129-450-T0-L1	18"	450	18	750	400	100260	34 5/8	59 1/16	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1105	1413
129-450-T0-L2	18"	450	18	750	400	100260	59 1/8	78 3/4	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1671	1984
129-500-T0-B1	20"	500	20	750	400	2460	33 7/16	59 1/16	20 5/16	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	126	163
129-500-T0-B2	20"	500	20	750	400	2460	59 1/8	78 3/4	20 5/16	3/8	3/4	1 15/16	1	5 1/8	Carbon Steel	163	190
129-500-T0-C1	20"	500	20	750	400	4580	33 7/16	59 1/16	20 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	157	201
129-500-T0-C2	20"	500	20	750	400	4580	59 1/8	78 3/4	20 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	295	357
129-500-T0-D1	20"	500	20	750	400	7180	33 7/16	59 1/16	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	243	322
129-500-T0-D2	20"	500	20	750	400	7180	59 1/8	78 3/4	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	322	384
129-500-T0-E1	20"	500	20	750	400	10400	33 7/16	59 1/16	20 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	262	342
129-500-T0-E2	20"	500	20	750	400	10400	59 1/8	78 3/4	20 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	465	560
129-500-T0-F1	20"	500	20	750	400	16540	34 1/4	59 1/16	20 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	410	531
129-500-T0-F2	20"	500	20	750	400	16540	59 1/8	78 3/4	20 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	531	628
129-500-T0-G1	20"	500	20	750	400	24080	34 5/8	59 1/16	20 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	445	567
129-500-T0-G2	20"	500	20	750	400	24080	59 1/8	78 3/4	20 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	723	860
129-500-T0-H1	20"	500	20	750	400	32980	35 1/16	59 1/16	20 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	602	772
129-500-T0-H2	20"	500	20	750	400	32980	59 1/8	78 3/4	20 5/16	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	959	1146
129-500-T0-I1	20"	500	20	750	400	43300	35 7/16	59 1/16	20 5/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	701	871
129-500-T0-I2	20"	500	20	750	400	43300	59 1/8	78 3/4	20 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1063	1252
129-500-T0-J1	20"	500	20	750	400	59780	36 1/4	59 1/16	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	862	1082
129-500-T0-J2	20"	500	20	750	400	59780	59 1/8	78 3/4	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1301	1545
129-500-T0-K1	20"	500	20	750	400	78920	36 5/8	59 1/16	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1107	1389
129-500-T0-K2	20"	500	20	750	400	78920	59 1/8	78 3/4	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	1642	1953
129-500-T0-L1	20"	500	20	750	400	100260	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1213	1486
129-500-T0-L2	20"	500	20	750	400	100260	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1746	2059
129-500-T0-M1	20"	500	20	750	400	126100	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1402	1746
129-500-T0-M2	20"	500	20	750	400	126100	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2033	2418
129-550-T0-C1	22"	550	22	750	400	4580	36 5/8	59 1/16	22 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	174	214
129-550-T0-C2	22"	550	22	750	400	4580	59 1/8	78 3/4	22 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	311	370
129-550-T0-D1	22"	550	22	750	400	7180	36 5/8	59 1/16	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	269	340
129-550-T0-D2	22"	550	22	750	400	7180	59 1/8	78 3/4	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	340	401
129-550-T0-E1	22"	550	22	750	400	10400	36 5/8	59 1/16	22 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	291	362
129-550-T0-E2	22"	550	22	750	400	10400	59 1/8	78 3/4	22 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	487	582

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

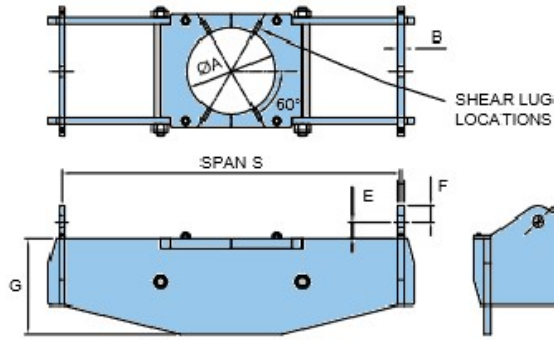
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-550-T0-F1	22"	550	22	750	400	16540	37 3/8	59 1/16	22 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	454	560
129-550-T0-F2	22"	550	22	750	400	16540	59 1/8	78 3/4	22 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	560	657
129-550-T0-G1	22"	550	22	750	400	24080	37 13/16	59 1/16	22 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	496	602
129-550-T0-G2	22"	550	22	750	400	24080	59 1/8	78 3/4	22 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	758	897
129-550-T0-H1	22"	550	22	750	400	32980	38 3/16	59 1/16	22 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	666	811
129-550-T0-H2	22"	550	22	750	400	32980	59 1/8	78 3/4	22 5/16	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	1001	1188
129-550-T0-I1	22"	550	22	750	400	43300	38 9/16	59 1/16	22 5/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	774	919
129-550-T0-I2	22"	550	22	750	400	43300	59 1/8	78 3/4	22 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1116	1305
129-550-T0-J1	22"	550	22	750	400	59780	39 3/8	59 1/16	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	948	1135
129-550-T0-J2	22"	550	22	750	400	59780	59 1/8	78 3/4	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1358	1603
129-550-T0-K1	22"	550	22	750	400	78920	39 3/4	59 1/16	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1213	1455
129-550-T0-K2	22"	550	22	750	400	78920	59 1/8	78 3/4	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	1711	2022
129-550-T0-L1	22"	550	22	750	400	100260	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1327	1561
129-550-T0-L2	22"	550	22	750	400	100260	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1825	2138
129-550-T0-M1	22"	550	22	750	400	126100	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1530	1825
129-550-T0-M2	22"	550	22	750	400	126100	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2116	2500
129-600-T0-C1	24"	600	24	750	400	4580	39 3/8	59 1/16	24 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	192	227
129-600-T0-C2	24"	600	24	750	400	4580	59 1/8	78 3/4	24 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	324	386
129-600-T0-D1	24"	600	24	750	400	7180	39 3/8	59 1/16	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	295	357
129-600-T0-D2	24"	600	24	750	400	7180	59 1/8	78 3/4	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	357	417
129-600-T0-E1	24"	600	24	750	400	10400	39 3/8	59 1/16	24 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	320	381
129-600-T0-E2	24"	600	24	750	400	10400	59 1/8	78 3/4	24 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	509	604
129-600-T0-F1	24"	600	24	750	400	16540	40 3/16	59 1/16	24 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	496	589
129-600-T0-F2	24"	600	24	750	400	16540	59 1/8	78 3/4	24 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	589	686
129-600-T0-G1	24"	600	24	750	400	24080	40 9/16	59 1/16	24 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	545	635
129-600-T0-G2	24"	600	24	750	400	24080	59 1/8	78 3/4	24 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	794	933
129-600-T0-H1	24"	600	24	750	400	32980	40 15/16	59 1/16	24 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	725	853
129-600-T0-H2	24"	600	24	750	400	32980	59 1/8	78 3/4	24 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	853	992
129-600-T0-I1	24"	600	24	750	400	43300	41 5/16	59 1/16	24 5/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	844	972
129-600-T0-I2	24"	600	24	750	400	43300	59 1/8	78 3/4	24 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1171	1360
129-600-T0-J1	24"	600	24	750	400	59780	42 1/8	59 1/16	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1030	1193
129-600-T0-J2	24"	600	24	750	400	59780	59 1/8	78 3/4	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1418	1662
129-600-T0-K1	24"	600	24	750	400	78920	42 1/2	59 1/16	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1314	1521
129-600-T0-K2	24"	600	24	750	400	78920	59 1/8	78 3/4	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1523	1770
129-600-T0-L1	24"	600	24	750	400	100260	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1437	1638
129-600-T0-L2	24"	600	24	750	400	100260	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1907	2220
129-600-T0-M1	24"	600	24	750	400	126100	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1656	1905
129-600-T0-M2	24"	600	24	750	400	126100	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2200	2586
129-650-T0-C1	26"	650	26	750	400	4580	42 1/8	59 1/16	26 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	212	240
129-650-T0-C2	26"	650	26	750	400	4580	59 1/8	78 3/4	26 3/8	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	340	399
129-650-T0-D1	26"	650	26	750	400	7180	42 1/2	59 1/16	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	324	375
129-650-T0-D2	26"	650	26	750	400	7180	59 1/8	78 3/4	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	375	437
129-650-T0-E1	26"	650	26	750	400	10400	42 1/2	59 1/16	26 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	351	403
129-650-T0-E2	26"	650	26	750	400	10400	59 1/8	78 3/4	26 3/8	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	531	626
129-650-T0-F1	26"	650	26	750	400	16540	42 15/16	59 1/16	26 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	540	619
129-650-T0-F2	26"	650	26	750	400	16540	59 1/8	78 3/4	26 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	619	716
129-650-T0-G1	26"	650	26	750	400	24080	43 5/16	59 1/16	26 3/8	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	593	670
129-650-T0-G2	26"	650	26	750	400	24080	59 1/8	78 3/4	26 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	833	970
129-650-T0-H1	26"	650	26	750	400	32980	43 11/16	59 1/16	26 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	787	895
129-650-T0-H2	26"	650	26	750	400	32980	59 1/8	78 3/4	26 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	895	1034
129-650-T0-I1	26"	650	26	750	400	43300	44 1/2	59 1/16	26 3/8	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	919	1023
129-650-T0-I2	26"	650	26	750	400	43300	59 1/8	78 3/4	26 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1226	1415
129-650-T0-J1	26"	650	26	750	400	59780	44 7/8	59 1/16	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1113	1250
129-650-T0-J2	26"	650	26	750	400	59780	59 1/8	78 3/4	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1477	1722
129-650-T0-K1	26"	650	26	750	400	78920	45 1/4	59 1/16	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1418	1592
129-650-T0-K2	26"	650	26	750	400	78920	59 1/8	78 3/4	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1592	1839
129-650-T0-L1	26"	650	26	750	400	100260	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1552	1715
129-650-T0-L2	26"	650	26	750	400	100260	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1989	2302
129-650-T0-M1	26"	650	26	750	400	126100	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1781	1989
129-650-T0-M2	26"	650	26	750	400	126100	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2286	2672

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

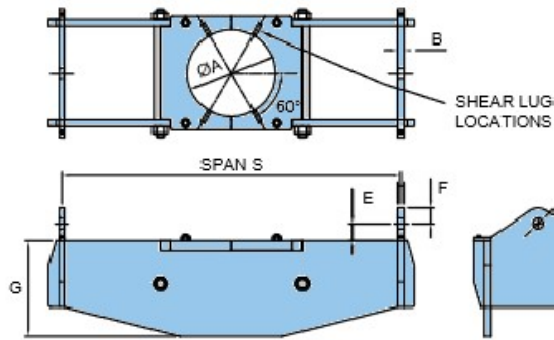
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-700-T0-C1	28"	700	28	750	400	4580	44 7/8	59 1/16	28 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Carbon Steel	229	254
129-700-T0-C2	28"	700	28	750	400	4580	59 1/8	78 3/4	28 3/8	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Carbon Steel	355	414
129-700-T0-D1	28"	700	28	750	400	7180	45 1/4	59 1/16	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	351	392
129-700-T0-D2	28"	700	28	750	400	7180	59 1/8	78 3/4	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	392	454
129-700-T0-E1	28"	700	28	750	400	10400	45 1/4	59 1/16	28 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	381	425
129-700-T0-E2	28"	700	28	750	400	10400	59 1/8	78 3/4	28 3/8	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	556	650
129-700-T0-F1	28"	700	28	750	400	16540	45 11/16	59 1/16	28 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	586	650
129-700-T0-F2	28"	700	28	750	400	16540	59 1/8	78 3/4	28 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	650	747
129-700-T0-G1	28"	700	28	750	400	24080	46 7/16	59 1/16	28 3/8	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	646	708
129-700-T0-G2	28"	700	28	750	400	24080	59 1/8	78 3/4	28 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	871	1010
129-700-T0-H1	28"	700	28	750	400	32980	46 7/16	59 1/16	28 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	849	937
129-700-T0-H2	28"	700	28	750	400	32980	59 1/8	78 3/4	28 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	937	1076
129-700-T0-I1	28"	700	28	750	400	43300	47 1/4	59 1/16	28 3/8	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	994	1078
129-700-T0-I2	28"	700	28	750	400	43300	59 1/8	78 3/4	28 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1283	1470
129-700-T0-J1	28"	700	28	750	400	59780	48 1/16	59 1/16	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1202	1307
129-700-T0-J2	28"	700	28	750	400	59780	59 1/8	78 3/4	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1539	1784
129-700-T0-K1	28"	700	28	750	400	78920	48 1/16	59 1/16	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1523	1662
129-700-T0-K2	28"	700	28	750	400	78920	59 1/8	78 3/4	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1662	1909
129-700-T0-L1	28"	700	28	750	400	100260	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1667	1797
129-700-T0-L2	28"	700	28	750	400	100260	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2072	2385
129-700-T0-M1	28"	700	28	750	400	126100	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	1909	2072
129-700-T0-M2	28"	700	28	750	400	126100	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2374	2760
129-750-T0-D1	30"	750	30	750	400	7180	48 7/16	59 1/16	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	381	414
129-750-T0-E2	30"	750	30	750	400	7180	59 1/8	78 3/4	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	414	474
129-750-T0-F1	30"	750	30	750	400	10400	48 7/16	59 1/16	30 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	417	450
129-750-T0-F2	30"	750	30	750	400	10400	59 1/8	78 3/4	30 7/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	582	677
129-750-T0-F3	30"	750	30	750	400	16540	49 3/16	59 1/16	30 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	637	686
129-750-T0-F4	30"	750	30	750	400	16540	59 1/8	78 3/4	30 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	686	783
129-750-T0-G1	30"	750	30	750	400	24080	49 5/8	59 1/16	30 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	703	750
129-750-T0-G2	30"	750	30	750	400	24080	59 1/8	78 3/4	30 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	915	1054
129-750-T0-H1	30"	750	30	750	400	32980	49 5/8	59 1/16	30 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	919	985
129-750-T0-H2	30"	750	30	750	400	32980	59 1/8	78 3/4	30 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	985	1124
129-750-T0-I1	30"	750	30	750	400	43300	50 3/8	59 1/16	30 7/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	1076	1138
129-750-T0-I2	30"	750	30	750	400	43300	59 1/8	78 3/4	30 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1345	1534
129-750-T0-J1	30"	750	30	750	400	59780	51 3/16	59 1/16	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1296	1371
129-750-T0-J2	30"	750	30	750	400	59780	59 1/8	78 3/4	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1605	1852
129-750-T0-K1	30"	750	30	750	400	78920	51 3/16	59 1/16	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Carbon Steel	1420	1497
129-750-T0-K2	30"	750	30	750	400	78920	59 1/8	78 3/4	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1739	1986
129-750-T0-L1	30"	750	30	750	400	100260	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1801	1885
129-750-T0-L2	30"	750	30	750	400	100260	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2165	2478
129-750-T0-M1	30"	750	30	750	400	126100	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2059	2165
129-750-T0-M2	30"	750	30	750	400	126100	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2471	2855
129-800-T0-D1	32"	800	32	750	400	7180	51 3/16	59 1/16	32 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	410	434
129-800-T0-D2	32"	800	32	750	400	7180	59 1/8	78 3/4	32 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	434	494
129-800-T0-E1	32"	800	32	750	400	10400	51 3/16	59 1/16	32 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	448	472
129-800-T0-E2	32"	800	32	750	400	10400	59 1/8	78 3/4	32 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	472	534
129-800-T0-F1	32"	800	32	750	400	16540	51 15/16	59 1/16	32 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	686	719
129-800-T0-F2	32"	800	32	750	400	16540	59 1/8	78 3/4	32 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	719	816
129-800-T0-G1	32"	800	32	750	400	24080	52 3/8	59 1/16	32 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	756	789
129-800-T0-G2	32"	800	32	750	400	24080	59 1/8	78 3/4	32 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	957	1096
129-800-T0-H1	32"	800	32	750	400	32980	52 3/8	59 1/16	32 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	983	1032
129-800-T0-H2	32"	800	32	750	400	32980	59 1/8	78 3/4	32 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	1032	1171
129-800-T0-I1	32"	800	32	750	400	43300	53 1/8	59 1/16	32 7/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	1151	1193
129-800-T0-I2	32"	800	32	750	400	43300	59 1/8	78 3/4	32 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1404	1594
129-800-T0-J1	32"	800	32	750	400	59780	53 15/16	59 1/16	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1382	1433
129-800-T0-J2	32"	800	32	750	400	59780	59 1/8	78 3/4	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1669	1916
129-800-T0-K1	32"	800	32	750	400	78920	53 15/16	59 1/16	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Carbon Steel	1517	1567
129-800-T0-K2	32"	800	32	750	400	78920	59 1/8	78 3/4	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1814	2061
129-800-T0-L1	32"	800	32	750	400	100260	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	1920	1969
129-800-T0-L2	32"	800	32	750	400	100260	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2253	2566

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

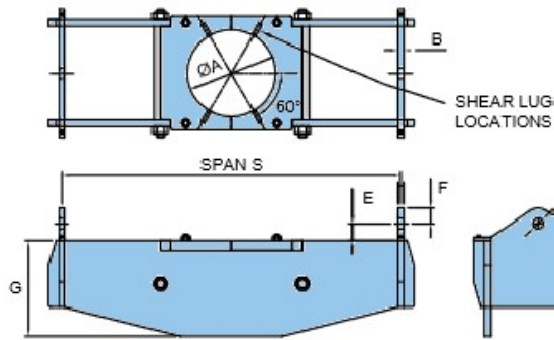
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C		in	in									lbs	lbs
129-800-T0-M1	32"	800	32	750	400	126100	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2189	2253	
129-800-T0-M2	32"	800	32	750	400	126100	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2564	2948	
129-850-T0-D1	34"	850	34	750	400	7180	53 15/16	68 7/8	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	437	483	
129-850-T0-D2	34"	850	34	750	400	7180	68 15/16	88 9/16	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	483	545	
129-850-T0-E1	34"	850	34	750	400	10400	53 15/16	68 7/8	34 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	478	527	
129-850-T0-E2	34"	850	34	750	400	10400	68 15/16	88 9/16	34 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	677	772	
129-850-T0-F1	34"	850	34	750	400	16540	54 5/16	68 7/8	34 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	730	800	
129-850-T0-F2	34"	850	34	750	400	16540	68 15/16	88 9/16	34 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	800	897	
129-850-T0-G1	34"	850	34	750	400	24080	55 1/8	68 7/8	34 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	807	875	
129-850-T0-G2	34"	850	34	750	400	24080	68 15/16	88 9/16	34 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	1067	1206	
129-850-T0-H1	34"	850	34	750	400	32980	55 1/8	68 7/8	34 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	1047	1144	
129-850-T0-H2	34"	850	34	750	400	32980	68 15/16	88 9/16	34 5/16	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	1373	1561	
129-850-T0-I1	34"	850	34	750	400	43300	55 7/8	68 7/8	34 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1433	1556	
129-850-T0-I2	34"	850	34	750	400	43300	68 15/16	88 9/16	34 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1556	1746	
129-850-T0-J1	34"	850	34	750	400	59780	56 11/16	68 7/8	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1470	1587	
129-850-T0-J2	34"	850	34	750	400	59780	68 15/16	88 9/16	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1856	2101	
129-850-T0-K1	34"	850	34	750	400	78920	56 11/16	68 7/8	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1856	2008	
129-850-T0-K2	34"	850	34	750	400	78920	68 15/16	88 9/16	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	2317	2628	
129-850-T0-L1	34"	850	34	750	400	100260	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	2030	2176	
129-850-T0-L2	34"	850	34	750	400	100260	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2496	2809	
129-850-T0-M1	34"	850	34	750	400	126100	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2313	2496	
129-850-T0-M2	34"	850	34	750	400	126100	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2846	3230	
129-900-T0-D1	36"	900	36	750	400	7180	56 11/16	68 7/8	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	467	505	
129-900-T0-D2	36"	900	36	750	400	7180	68 15/16	88 9/16	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	505	567	
129-900-T0-E1	36"	900	36	750	400	10400	56 11/16	68 7/8	36 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	514	551	
129-900-T0-E2	36"	900	36	750	400	10400	68 15/16	88 9/16	36 7/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	705	800	
129-900-T0-F1	36"	900	36	750	400	16540	57 1/2	68 7/8	36 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	780	838	
129-900-T0-F2	36"	900	36	750	400	16540	68 15/16	88 9/16	36 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	838	933	
129-900-T0-G1	36"	900	36	750	400	24080	57 7/8	68 7/8	36 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	866	919	
129-900-T0-G2	36"	900	36	750	400	24080	68 15/16	88 9/16	36 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	1113	1252	
129-900-T0-H1	36"	900	36	750	400	32980	58 1/4	68 7/8	36 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	1120	1195	
129-900-T0-H2	36"	900	36	750	400	32980	68 15/16	88 9/16	36 7/16	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	1426	1614	
129-900-T0-I1	36"	900	36	750	400	43300	58 11/16	68 7/8	36 7/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	1310	1382	
129-900-T0-I2	36"	900	36	750	400	43300	68 15/16	88 9/16	36 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1623	1812	
129-900-T0-J1	36"	900	36	750	400	59780	59 7/16	68 7/8	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1563	1656	
129-900-T0-J2	36"	900	36	750	400	59780	68 15/16	88 9/16	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1927	2172	
129-900-T0-K1	36"	900	36	750	400	78920	59 13/16	68 7/8	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	1978	2090	
129-900-T0-K2	36"	900	36	750	400	78920	68 15/16	88 9/16	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	2403	2714	
129-900-T0-L1	36"	900	36	750	400	100260	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	2165	2269	
129-900-T0-L2	36"	900	36	750	400	100260	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2593	2906	
129-900-T0-M1	36"	900	36	750	400	126100	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2460	2593	
129-900-T0-M2	36"	900	36	750	400	126100	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	2945	3331	
129-950-T0-D1	38"	950	38	750	400	7180	59 7/16	68 7/8	38 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	498	527	
129-950-T0-E1	38"	950	38	750	400	10400	59 7/16	68 7/8	38 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	549	578	
129-950-T0-E2	38"	950	38	750	400	10400	68 15/16	88 9/16	38 7/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	732	827	
129-950-T0-F1	38"	950	38	750	400	16540	60 1/4	68 7/8	38 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	831	873	
129-950-T0-F2	38"	950	38	750	400	16540	68 15/16	88 9/16	38 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	873	970	
129-950-T0-G1	38"	950	38	750	400	24080	60 5/8	68 7/8	38 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	922	963	
129-950-T0-G2	38"	950	38	750	400	24080	68 15/16	88 9/16	38 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	1157	1296	
129-950-T0-H1	38"	950	38	750	400	32980	61	68 7/8	38 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	1188	1243	
129-950-T0-H2	38"	950	38	750	400	32980	68 15/16	88 9/16	38 7/16	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	1477	1664	
129-950-T0-I1	38"	950	38	750	400	43300	61 7/16	68 7/8	38 7/16	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	1389	1444	
129-950-T0-I2	38"	950	38	750	400	43300	68 15/16	88 9/16	38 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1687	1876	
129-950-T0-J1	38"	950	38	750	400	59780	62 3/16	68 7/8	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1656	1720	
129-950-T0-J2	38"	950	38	750	400	59780	68 15/16	88 9/16	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	1995	2240	
129-950-T0-K1	38"	950	38	750	400	78920	62 5/8	68 7/8	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	2090	2169	
129-950-T0-K2	38"	950	38	750	400	78920	68 15/16	88 9/16	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	2485	2795	
129-950-T0-L1	38"	950	38	750	400	100260	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	2288	2359	
129-950-T0-L2	38"	950	38	750	400	100260	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2685	2998	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

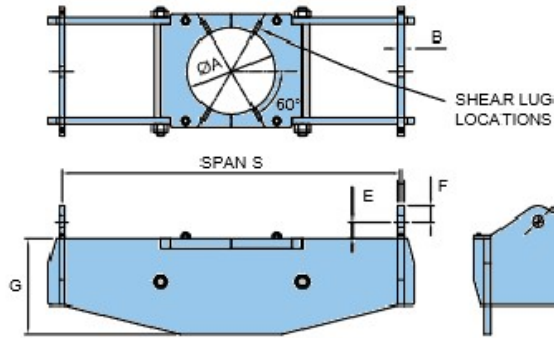
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C		in	in									lbs	lbs
129-950-T0-M1	38"	950	38	750	400	126100	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2597	2685	
129-950-T0-M2	38"	950	38	750	400	126100	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	3042	3428	
129-1000-T0-D1	40"	1000	40	750	400	7180	62 3/16	68 7/8	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	527	549	
129-1000-T0-D2	40"	1000	40	750	400	7180	68 15/16	88 9/16	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Carbon Steel	549	608	
129-1000-T0-E1	40"	1000	40	750	400	10400	62 3/16	68 7/8	40 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Carbon Steel	582	604	
129-1000-T0-E2	40"	1000	40	750	400	10400	68 15/16	88 9/16	40 3/8	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Carbon Steel	761	855	
129-1000-T0-F1	40"	1000	40	750	400	16540	63	68 7/8	40 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	882	910	
129-1000-T0-F2	40"	1000	40	750	400	16540	68 15/16	88 9/16	40 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Carbon Steel	910	1008	
129-1000-T0-G1	40"	1000	40	750	400	24080	63 3/8	68 7/8	40 3/8	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Carbon Steel	979	1008	
129-1000-T0-G2	40"	1000	40	750	400	24080	68 15/16	88 9/16	40 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Carbon Steel	1204	1343	
129-1000-T0-H1	40"	1000	40	750	400	32980	63 3/4	68 7/8	40 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Carbon Steel	1259	1294	
129-1000-T0-H2	40"	1000	40	750	400	32980	68 15/16	88 9/16	40 3/8	1	2 3/8	6 11/16	3 9/16	14 3/4	Carbon Steel	1530	1717	
129-1000-T0-I1	40"	1000	40	750	400	43300	64 3/16	68 7/8	40 3/8	1 3/16	3	8 11/16	4 1/8	13	Carbon Steel	1473	1506	
129-1000-T0-I2	40"	1000	40	750	400	43300	68 15/16	88 9/16	40 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	Carbon Steel	1753	1940	
129-1000-T0-J1	40"	1000	40	750	400	59780	64 15/16	68 7/8	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Carbon Steel	1748	1786	
129-1000-T0-J2	40"	1000	40	750	400	59780	68 15/16	88 9/16	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Carbon Steel	2064	2308	
129-1000-T0-K1	40"	1000	40	750	400	78920	65 3/8	68 7/8	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Carbon Steel	2205	2249	
129-1000-T0-K2	40"	1000	40	750	400	78920	68 15/16	88 9/16	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	Carbon Steel	2568	2879	
129-1000-T0-L1	40"	1000	40	750	400	100260	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Carbon Steel	2414	2449	
129-1000-T0-L2	40"	1000	40	750	400	100260	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2780	3093	
129-1000-T0-M1	40"	1000	40	750	400	126100	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Carbon Steel	2736	2780	
129-1000-T0-M2	40"	1000	40	750	400	126100	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Carbon Steel	3142	3527	
129-250-T1-B1	10"	250	10.75	842	450	2460	19 5/16	39 3/8	10 15/16	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	63.9	92.6	
129-250-T1-B2	10"	250	10.75	842	450	2460	39 7/16	59 1/16	10 15/16	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	92.6	119	
129-250-T1-C1	10"	250	10.75	842	450	4580	19 5/16	39 3/8	10 15/16	1/2	1 1/16	3 1/8	1 3/8	5 1/8	Alloy Steel	70.5	99.2	
129-250-T1-C2	10"	250	10.75	842	450	4580	39 7/16	59 1/16	10 15/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	117	150	
129-250-T1-D1	10"	250	10.75	842	450	7180	19 5/16	39 3/8	10 15/16	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Alloy Steel	92.6	128	
129-250-T1-D2	10"	250	10.75	842	450	7180	39 7/16	59 1/16	10 15/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	194	254	
129-250-T1-E1	10"	250	10.75	842	450	10400	19 5/16	39 3/8	10 15/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	139	201	
129-250-T1-E2	10"	250	10.75	842	450	10400	39 7/16	59 1/16	10 15/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	201	262	
129-250-T1-F1	10"	250	10.75	842	450	16540	20 1/16	39 3/8	10 15/16	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Alloy Steel	170	231	
129-250-T1-F2	10"	250	10.75	842	450	16540	39 7/16	59 1/16	10 15/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	317	414	
129-250-T1-G1	10"	250	10.75	842	450	24080	20 1/2	39 3/8	10 15/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	240	333	
129-250-T1-G2	10"	250	10.75	842	450	24080	39 7/16	59 1/16	10 15/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	335	432	
129-250-T1-H1	10"	250	10.75	842	450	32980	20 7/8	39 3/8	10 15/16	1	2 3/8	6 11/16	3 9/16	10 13/16	Alloy Steel	269	362	
129-250-T1-H2	10"	250	10.75	842	450	32980	39 7/16	59 1/16	10 15/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	470	608	
129-300-T1-B1	12"	300	12.75	842	450	2460	22 7/16	39 3/8	13	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	77.2	99.2	
129-300-T1-B2	12"	300	12.75	842	450	2460	39 7/16	59 1/16	13	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	99.2	128	
129-300-T1-C1	12"	300	12.75	842	450	4580	22 7/16	39 3/8	13	1/2	1 1/16	3 1/8	1 3/8	5 1/8	Alloy Steel	83.8	108	
129-300-T1-C2	12"	300	12.75	842	450	4580	39 7/16	59 1/16	13	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	126	161	
129-300-T1-D1	12"	300	12.75	842	450	7180	22 13/16	39 3/8	13	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Alloy Steel	110	141	
129-300-T1-D2	12"	300	12.75	842	450	7180	39 7/16	59 1/16	13	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	207	267	
129-300-T1-E1	12"	300	12.75	842	450	10400	22 13/16	39 3/8	13	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	165	216	
129-300-T1-E2	12"	300	12.75	842	450	10400	39 7/16	59 1/16	13	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	218	278	
129-300-T1-F1	12"	300	12.75	842	450	16540	23 1/4	39 3/8	13	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Alloy Steel	203	254	
129-300-T1-F2	12"	300	12.75	842	450	16540	39 7/16	59 1/16	13	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	342	439	
129-300-T1-G1	12"	300	12.75	842	450	24080	23 5/8	39 3/8	13	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	284	362	
129-300-T1-G2	12"	300	12.75	842	450	24080	39 7/16	59 1/16	13	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	362	459	
129-300-T1-H1	12"	300	12.75	842	450	32980	24	39 3/8	13	1	2 3/8	6 11/16	3 9/16	10 13/16	Alloy Steel	315	392	
129-300-T1-H2	12"	300	12.75	842	450	32980	39 7/16	59 1/16	13	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	503	642	
129-300-T1-I1	12"	300	12.75	842	450	43300	24 7/16	39 3/8	13	1	3	8 11/16	4 1/8	11	Alloy Steel	346	421	
129-300-T1-I2	12"	300	12.75	842	450	43300	39 7/16	59 1/16	13	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	567	705	
129-350-T1-B1	14"	350	14	842	450	2460	24 7/16	39 3/8	14 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	83.8	106	
129-350-T1-B2	14"	350	14	842	450	2460	39 7/16	59 1/16	14 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	106	134	
129-350-T1-C1	14"	350	14	842	450	4580	24 7/16	39 3/8	14 1/4	1/2	1 1/16	3 1/8	1 3/8	5 1/8	Alloy Steel	92.6	115	
129-350-T1-C2	14"	350	14	842	450	4580	39 7/16	59 1/16	14 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	132	168	
129-350-T1-D1	14"	350	14	842	450	7180	24 13/16	39 3/8	14 1/4	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Alloy Steel	123	148	
129-350-T1-D2	14"	350	14	842	450	7180	39 7/16	59 1/16	14 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	216	276	
129-350-T1-E1	14"	350	14	842	450	10400	24 13/16	39 3/8	14 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	183	227	
129-350-T1-E2	14"	350	14	842	450	10400	39 7/16	59 1/16	14 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	227	289	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

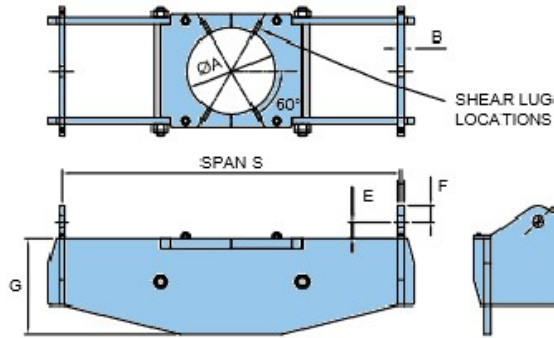
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.
Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-350-T1-F1	14"	350	14	842	450	16540	25 3/16	39 3/8	14 1/4	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Alloy Steel	223	267
129-350-T1-F2	14"	350	14	842	450	16540	39 7/16	59 1/16	14 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	357	454
129-350-T1-G1	14"	350	14	842	450	24080	26	39 3/8	14 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	313	379
129-350-T1-G2	14"	350	14	842	450	24080	39 7/16	59 1/16	14 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	379	476
129-350-T1-H1	14"	350	14	842	450	32980	26	39 3/8	14 1/4	1	2 3/8	6 11/16	3 9/16	10 13/16	Alloy Steel	346	412
129-350-T1-H2	14"	350	14	842	450	32980	39 7/16	59 1/16	14 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	525	664
129-350-T1-I1	14"	350	14	842	450	43300	26 3/8	39 3/8	14 1/4	1	3	8 11/16	4 1/8	11	Alloy Steel	379	445
129-350-T1-I2	14"	350	14	842	450	43300	39 7/16	59 1/16	14 1/4	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	593	732
129-350-T1-J1	14"	350	14	842	450	59780	27 9/16	39 3/8	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	13	Alloy Steel	522	606
129-350-T1-J2	14"	350	14	842	450	59780	39 7/16	59 1/16	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	743	930
129-400-T1-B1	16"	400	16	842	450	2460	27 9/16	59 1/16	16 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	99.2	143
129-400-T1-B2	16"	400	16	842	450	2460	59 1/8	78 3/4	16 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	143	170
129-400-T1-C1	16"	400	16	842	450	4580	27 9/16	59 1/16	16 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	123	179
129-400-T1-C2	16"	400	16	842	450	4580	59 1/8	78 3/4	16 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Alloy Steel	271	331
129-400-T1-D1	16"	400	16	842	450	7180	27 15/16	59 1/16	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	196	291
129-400-T1-D2	16"	400	16	842	450	7180	59 1/8	78 3/4	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	291	353
129-400-T1-E1	16"	400	16	842	450	10400	27 15/16	59 1/16	16 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	209	306
129-400-T1-E2	16"	400	16	842	450	10400	59 1/8	78 3/4	16 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	306	368
129-400-T1-F1	16"	400	16	842	450	16540	28 3/8	59 1/16	16 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	328	478
129-400-T1-F2	16"	400	16	842	450	16540	59 1/8	78 3/4	16 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	478	575
129-400-T1-G1	16"	400	16	842	450	24080	29 1/8	59 1/16	16 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	357	505
129-400-T1-G2	16"	400	16	842	450	24080	59 1/8	78 3/4	16 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	657	796
129-400-T1-H1	16"	400	16	842	450	32980	29 1/8	59 1/16	16 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	487	699
129-400-T1-H2	16"	400	16	842	450	32980	59 1/8	78 3/4	16 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	699	838
129-400-T1-I1	16"	400	16	842	450	43300	29 15/16	59 1/16	16 1/4	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	569	778
129-400-T1-I2	16"	400	16	842	450	43300	59 1/8	78 3/4	16 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	966	1153
129-400-T1-J1	16"	400	16	842	450	59780	30 11/16	59 1/16	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	708	979
129-400-T1-J2	16"	400	16	842	450	59780	59 1/8	78 3/4	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1193	1437
129-400-T1-K1	16"	400	16	842	450	78920	30 11/16	59 1/16	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	908	1265
129-400-T1-K2	16"	400	16	842	450	78920	59 1/8	78 3/4	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1265	1512
129-450-T1-B1	18"	450	18	842	450	2460	30 5/16	59 1/16	18 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	112	152
129-450-T1-B2	18"	450	18	842	450	2460	59 1/8	78 3/4	18 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	152	181
129-450-T1-C1	18"	450	18	842	450	4580	30 11/16	59 1/16	18 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	139	190
129-450-T1-C2	18"	450	18	842	450	4580	59 1/8	78 3/4	18 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Alloy Steel	282	344
129-450-T1-D1	18"	450	18	842	450	7180	30 11/16	59 1/16	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	218	306
129-450-T1-D2	18"	450	18	842	450	7180	59 1/8	78 3/4	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	306	368
129-450-T1-E1	18"	450	18	842	450	10400	30 11/16	59 1/16	18 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	236	324
129-450-T1-E2	18"	450	18	842	450	10400	59 1/8	78 3/4	18 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	324	386
129-450-T1-F1	18"	450	18	842	450	16540	31 1/2	59 1/16	18 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	370	505
129-450-T1-F2	18"	450	18	842	450	16540	59 1/8	78 3/4	18 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	505	600
129-450-T1-G1	18"	450	18	842	450	24080	31 7/8	59 1/16	18 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	401	536
129-450-T1-G2	18"	450	18	842	450	24080	59 1/8	78 3/4	18 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	688	827
129-450-T1-H1	18"	450	18	842	450	32980	31 7/8	59 1/16	18 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	542	734
129-450-T1-H2	18"	450	18	842	450	32980	59 1/8	78 3/4	18 1/4	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	734	873
129-450-T1-I1	18"	450	18	842	450	43300	32 11/16	59 1/16	18 1/4	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	635	822
129-450-T1-I2	18"	450	18	842	450	43300	59 1/8	78 3/4	18 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1014	1202
129-450-T1-J1	18"	450	18	842	450	59780	33 7/16	59 1/16	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	785	1030
129-450-T1-J2	18"	450	18	842	450	59780	59 1/8	78 3/4	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1246	1490
129-450-T1-K1	18"	450	18	842	450	78920	33 7/16	59 1/16	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	855	1102
129-450-T1-K2	18"	450	18	842	450	78920	59 1/8	78 3/4	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1327	1574
129-450-T1-L1	18"	450	18	842	450	100260	34 5/8	59 1/16	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1085	1391
129-450-T1-L2	18"	450	18	842	450	100260	59 1/8	78 3/4	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	1647	1958
129-500-T1-B1	20"	500	20	842	450	2460	33 7/16	59 1/16	20 5/16	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	126	163
129-500-T1-B2	20"	500	20	842	450	2460	59 1/8	78 3/4	20 5/16	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	163	190
129-500-T1-C1	20"	500	20	842	450	4580	33 7/16	59 1/16	20 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	157	201
129-500-T1-C2	20"	500	20	842	450	4580	59 1/8	78 3/4	20 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	Alloy Steel	295	357
129-500-T1-D1	20"	500	20	842	450	7180	33 7/16	59 1/16	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	243	322
129-500-T1-D2	20"	500	20	842	450	7180	59 1/8	78 3/4	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	322	384
129-500-T1-E1	20"	500	20	842	450	10400	33 7/16	59 1/16	20 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	262	342
129-500-T1-E2	20"	500	20	842	450	10400	59 1/8	78 3/4	20 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	342	403

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

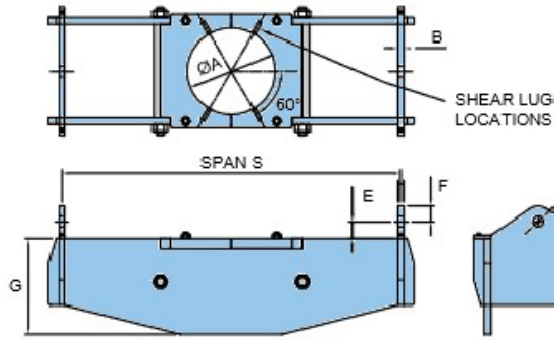
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-500-T1-F1	20"	500	20	842	450	16540	34 1/4	59 1/16	20 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	410	531
129-500-T1-F2	20"	500	20	842	450	16540	59 1/8	78 3/4	20 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	531	628
129-500-T1-G1	20"	500	20	842	450	24080	34 5/8	59 1/16	20 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	445	567
129-500-T1-G2	20"	500	20	842	450	24080	59 1/8	78 3/4	20 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	723	860
129-500-T1-H1	20"	500	20	842	450	32980	35 1/16	59 1/16	20 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	602	772
129-500-T1-H2	20"	500	20	842	450	32980	59 1/8	78 3/4	20 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	772	910
129-500-T1-I1	20"	500	20	842	450	43300	35 7/16	59 1/16	20 5/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	701	871
129-500-T1-I2	20"	500	20	842	450	43300	59 1/8	78 3/4	20 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1063	1252
129-500-T1-J1	20"	500	20	842	450	59780	36 1/4	59 1/16	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	862	1082
129-500-T1-J2	20"	500	20	842	450	59780	59 1/8	78 3/4	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1301	1545
129-500-T1-K1	20"	500	20	842	450	78920	36 5/8	59 1/16	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	946	1162
129-500-T1-K2	20"	500	20	842	450	78920	59 1/8	78 3/4	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1389	1636
129-500-T1-L1	20"	500	20	842	450	100260	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1186	1459
129-500-T1-L2	20"	500	20	842	450	100260	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	1720	2030
129-500-T1-M1	20"	500	20	842	450	126100	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1402	1746
129-500-T1-M2	20"	500	20	842	450	126100	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Alloy Steel	2033	2418
129-550-T1-C1	22"	550	22	842	450	4580	36 5/8	59 1/16	22 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	174	214
129-550-T1-C2	22"	550	22	842	450	4580	59 1/8	78 3/4	22 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	214	249
129-550-T1-D1	22"	550	22	842	450	7180	36 5/8	59 1/16	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	269	340
129-550-T1-D2	22"	550	22	842	450	7180	59 1/8	78 3/4	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	340	401
129-550-T1-E1	22"	550	22	842	450	10400	36 5/8	59 1/16	22 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	291	362
129-550-T1-E2	22"	550	22	842	450	10400	59 1/8	78 3/4	22 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	362	423
129-550-T1-F1	22"	550	22	842	450	16540	37 3/8	59 1/16	22 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	454	560
129-550-T1-F2	22"	550	22	842	450	16540	59 1/8	78 3/4	22 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	560	657
129-550-T1-G1	22"	550	22	842	450	24080	37 13/16	59 1/16	22 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	496	602
129-550-T1-G2	22"	550	22	842	450	24080	59 1/8	78 3/4	22 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	758	897
129-550-T1-H1	22"	550	22	842	450	32980	38 3/16	59 1/16	22 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	666	811
129-550-T1-H2	22"	550	22	842	450	32980	59 1/8	78 3/4	22 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	811	950
129-550-T1-I1	22"	550	22	842	450	43300	38 9/16	59 1/16	22 5/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	774	919
129-550-T1-I2	22"	550	22	842	450	43300	59 1/8	78 3/4	22 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1116	1305
129-550-T1-J1	22"	550	22	842	450	59780	39 3/8	59 1/16	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	948	1135
129-550-T1-J2	22"	550	22	842	450	59780	59 1/8	78 3/4	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1358	1603
129-550-T1-K1	22"	550	22	842	450	78920	39 3/4	59 1/16	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1038	1226
129-550-T1-K2	22"	550	22	842	450	78920	59 1/8	78 3/4	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1455	1702
129-550-T1-L1	22"	550	22	842	450	100260	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1299	1530
129-550-T1-L2	22"	550	22	842	450	100260	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	1795	2105
129-550-T1-M1	22"	550	22	842	450	126100	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1530	1825
129-550-T1-M2	22"	550	22	842	450	126100	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Alloy Steel	2116	2500
129-600-T1-C1	24"	600	24	842	450	4580	39 3/8	59 1/16	24 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	192	227
129-600-T1-C2	24"	600	24	842	450	4580	59 1/8	78 3/4	24 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	227	262
129-600-T1-D1	24"	600	24	842	450	7180	39 3/8	59 1/16	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	295	357
129-600-T1-D2	24"	600	24	842	450	7180	59 1/8	78 3/4	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	357	417
129-600-T1-E1	24"	600	24	842	450	10400	39 3/8	59 1/16	24 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	320	381
129-600-T1-E2	24"	600	24	842	450	10400	59 1/8	78 3/4	24 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	381	443
129-600-T1-F1	24"	600	24	842	450	16540	40 3/16	59 1/16	24 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	496	589
129-600-T1-F2	24"	600	24	842	450	16540	59 1/8	78 3/4	24 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	589	686
129-600-T1-G1	24"	600	24	842	450	24080	40 9/16	59 1/16	24 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	545	635
129-600-T1-G2	24"	600	24	842	450	24080	59 1/8	78 3/4	24 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	794	933
129-600-T1-H1	24"	600	24	842	450	32980	40 15/16	59 1/16	24 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	725	853
129-600-T1-H2	24"	600	24	842	450	32980	59 1/8	78 3/4	24 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	853	992
129-600-T1-I1	24"	600	24	842	450	43300	41 5/16	59 1/16	24 5/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	844	972
129-600-T1-I2	24"	600	24	842	450	43300	59 1/8	78 3/4	24 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1171	1360
129-600-T1-J1	24"	600	24	842	450	59780	42 1/8	59 1/16	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1030	1193
129-600-T1-J2	24"	600	24	842	450	59780	59 1/8	78 3/4	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1418	1662
129-600-T1-K1	24"	600	24	842	450	78920	42 1/2	59 1/16	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1129	1290
129-600-T1-K2	24"	600	24	842	450	78920	59 1/8	78 3/4	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1523	1770
129-600-T1-L1	24"	600	24	842	450	100260	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1404	1603
129-600-T1-L2	24"	600	24	842	450	100260	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	1870	2180
129-600-T1-M1	24"	600	24	842	450	126100	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1437	1638
129-600-T1-M2	24"	600	24	842	450	126100	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1907	2220

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

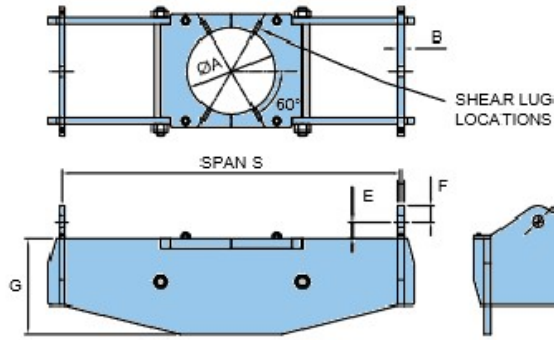
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.
Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-650-T1-C1	26"	650	26	842	450	4580	42 1/8	59 1/16	26 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	212	240
129-650-T1-C2	26"	650	26	842	450	4580	59 1/8	78 3/4	26 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	240	276
129-650-T1-D1	26"	650	26	842	450	7180	42 1/2	59 1/16	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	324	375
129-650-T1-D2	26"	650	26	842	450	7180	59 1/8	78 3/4	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	375	437
129-650-T1-E1	26"	650	26	842	450	10400	42 1/2	59 1/16	26 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	351	403
129-650-T1-E2	26"	650	26	842	450	10400	59 1/8	78 3/4	26 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	403	465
129-650-T1-F1	26"	650	26	842	450	16540	42 15/16	59 1/16	26 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	540	619
129-650-T1-F2	26"	650	26	842	450	16540	59 1/8	78 3/4	26 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	619	716
129-650-T1-G1	26"	650	26	842	450	24080	43 5/16	59 1/16	26 3/8	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	593	670
129-650-T1-G2	26"	650	26	842	450	24080	59 1/8	78 3/4	26 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	833	970
129-650-T1-H1	26"	650	26	842	450	32980	43 11/16	59 1/16	26 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	787	895
129-650-T1-H2	26"	650	26	842	450	32980	59 1/8	78 3/4	26 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	895	1034
129-650-T1-I1	26"	650	26	842	450	43300	44 1/2	59 1/16	26 3/8	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	919	1023
129-650-T1-I2	26"	650	26	842	450	43300	59 1/8	78 3/4	26 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1226	1415
129-650-T1-J1	26"	650	26	842	450	59780	44 7/8	59 1/16	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1113	1250
129-650-T1-J2	26"	650	26	842	450	59780	59 1/8	78 3/4	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1250	1437
129-650-T1-K1	26"	650	26	842	450	78920	45 1/4	59 1/16	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1221	1356
129-650-T1-K2	26"	650	26	842	450	78920	59 1/8	78 3/4	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1592	1839
129-650-T1-L1	26"	650	26	842	450	100260	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1515	1678
129-650-T1-L2	26"	650	26	842	450	100260	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	1949	2260
129-650-T1-M1	26"	650	26	842	450	126100	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1552	1715
129-650-T1-M2	26"	650	26	842	450	126100	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1989	2302
129-700-T1-C1	28"	700	28	842	450	4580	44 7/8	59 1/16	28 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	229	254
129-700-T1-C2	28"	700	28	842	450	4580	59 1/8	78 3/4	28 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	Alloy Steel	254	289
129-700-T1-D1	28"	700	28	842	450	7180	45 1/4	59 1/16	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	351	392
129-700-T1-D2	28"	700	28	842	450	7180	59 1/8	78 3/4	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	392	454
129-700-T1-E1	28"	700	28	842	450	10400	45 1/4	59 1/16	28 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	381	425
129-700-T1-E2	28"	700	28	842	450	10400	59 1/8	78 3/4	28 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	425	487
129-700-T1-F1	28"	700	28	842	450	16540	45 11/16	59 1/16	28 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	586	650
129-700-T1-F2	28"	700	28	842	450	16540	59 1/8	78 3/4	28 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	650	747
129-700-T1-G1	28"	700	28	842	450	24080	46 7/16	59 1/16	28 3/8	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	646	708
129-700-T1-G2	28"	700	28	842	450	24080	59 1/8	78 3/4	28 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	871	1010
129-700-T1-H1	28"	700	28	842	450	32980	46 7/16	59 1/16	28 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	849	937
129-700-T1-H2	28"	700	28	842	450	32980	59 1/8	78 3/4	28 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	937	1076
129-700-T1-I1	28"	700	28	842	450	43300	47 1/4	59 1/16	28 3/8	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	994	1078
129-700-T1-I2	28"	700	28	842	450	43300	59 1/8	78 3/4	28 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1283	1470
129-700-T1-J1	28"	700	28	842	450	59780	48 1/16	59 1/16	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1202	1307
129-700-T1-J2	28"	700	28	842	450	59780	59 1/8	78 3/4	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1307	1497
129-700-T1-K1	28"	700	28	842	450	78920	48 1/16	59 1/16	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1316	1422
129-700-T1-K2	28"	700	28	842	450	78920	59 1/8	78 3/4	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1662	1909
129-700-T1-L1	28"	700	28	842	450	100260	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1623	1753
129-700-T1-L2	28"	700	28	842	450	100260	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2028	2339
129-700-T1-M1	28"	700	28	842	450	126100	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1667	1797
129-700-T1-M2	28"	700	28	842	450	126100	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2072	2385
129-750-T1-D1	30"	750	30	842	450	7180	48 7/16	59 1/16	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	381	414
129-750-T1-D2	30"	750	30	842	450	7180	59 1/8	78 3/4	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	414	474
129-750-T1-E1	30"	750	30	842	450	10400	48 7/16	59 1/16	30 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	417	450
129-750-T1-E2	30"	750	30	842	450	10400	59 1/8	78 3/4	30 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	450	511
129-750-T1-F1	30"	750	30	842	450	16540	49 3/16	59 1/16	30 7/16	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Alloy Steel	516	547
129-750-T1-F2	30"	750	30	842	450	16540	59 1/8	78 3/4	30 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	686	783
129-750-T1-G1	30"	750	30	842	450	24080	49 5/8	59 1/16	30 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	703	750
129-750-T1-G2	30"	750	30	842	450	24080	59 1/8	78 3/4	30 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	915	1054
129-750-T1-H1	30"	750	30	842	450	32980	49 5/8	59 1/16	30 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	919	985
129-750-T1-H2	30"	750	30	842	450	32980	59 1/8	78 3/4	30 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	985	1124
129-750-T1-I1	30"	750	30	842	450	43300	50 3/8	59 1/16	30 7/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	1076	1138
129-750-T1-I2	30"	750	30	842	450	43300	59 1/8	78 3/4	30 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1345	1534
129-750-T1-J1	30"	750	30	842	450	59780	51 3/16	59 1/16	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1296	1371
129-750-T1-J2	30"	750	30	842	450	59780	59 1/8	78 3/4	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1371	1561
129-750-T1-K1	30"	750	30	842	450	78920	51 3/16	59 1/16	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1420	1497
129-750-T1-K2	30"	750	30	842	450	78920	59 1/8	78 3/4	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1739	1986

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

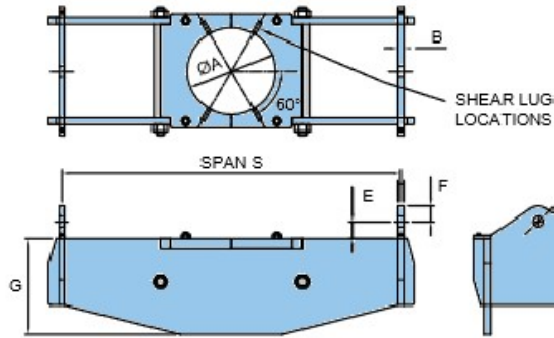
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.
Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C		in	in								lbs	lbs
129-750-T1-L1	30"	750	30	842	450	100260	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1753	1836
129-750-T1-L2	30"	750	30	842	450	100260	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2114	2425
129-750-T1-M1	30"	750	30	842	450	126100	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1801	1885
129-750-T1-M2	30"	750	30	842	450	126100	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2165	2478
129-800-T1-D1	32"	800	32	842	450	7180	51 3/16	59 1/16	32 7/16	9/16	1 5/16	3 9/16	1 3/4	6 3/8	Alloy Steel	313	326
129-800-T1-D2	32"	800	32	842	450	7180	59 1/8	78 3/4	32 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	434	494
129-800-T1-E1	32"	800	32	842	450	10400	51 3/16	59 1/16	32 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	448	472
129-800-T1-E2	32"	800	32	842	450	10400	59 1/8	78 3/4	32 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	472	534
129-800-T1-F1	32"	800	32	842	450	16540	51 15/16	59 1/16	32 7/16	13/16	1 3/4	5 1/8	2 3/4	8 11/16	Alloy Steel	556	578
129-800-T1-F2	32"	800	32	842	450	16540	59 1/8	78 3/4	32 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	719	816
129-800-T1-G1	32"	800	32	842	450	24080	52 3/8	59 1/16	32 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	756	789
129-800-T1-G2	32"	800	32	842	450	24080	59 1/8	78 3/4	32 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	957	1096
129-800-T1-H1	32"	800	32	842	450	32980	52 3/8	59 1/16	32 7/16	1	2 3/8	6 11/16	3 9/16	10 13/16	Alloy Steel	822	855
129-800-T1-H2	32"	800	32	842	450	32980	59 1/8	78 3/4	32 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1032	1171
129-800-T1-I1	32"	800	32	842	450	43300	53 1/8	59 1/16	32 7/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	1151	1193
129-800-T1-I2	32"	800	32	842	450	43300	59 1/8	78 3/4	32 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1404	1594
129-800-T1-J1	32"	800	32	842	450	59780	53 15/16	59 1/16	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1382	1433
129-800-T1-J2	32"	800	32	842	450	59780	59 1/8	78 3/4	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1433	1623
129-800-T1-K1	32"	800	32	842	450	78920	53 15/16	59 1/16	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1517	1567
129-800-T1-K2	32"	800	32	842	450	78920	59 1/8	78 3/4	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1814	2061
129-800-T1-L1	32"	800	32	842	450	100260	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1865	1914
129-800-T1-L2	32"	800	32	842	450	100260	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2198	2509
129-800-T1-M1	32"	800	32	842	450	126100	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1920	1969
129-800-T1-M2	32"	800	32	842	450	126100	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2253	2566
129-850-T1-D1	34"	850	34	842	450	7180	53 15/16	68 7/8	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	437	483
129-850-T1-D2	34"	850	34	842	450	7180	68 15/16	88 9/16	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	483	545
129-850-T1-E1	34"	850	34	842	450	10400	53 15/16	68 7/8	34 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	478	527
129-850-T1-E2	34"	850	34	842	450	10400	68 15/16	88 9/16	34 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	Alloy Steel	677	772
129-850-T1-F1	34"	850	34	842	450	16540	54 5/16	68 7/8	34 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	730	800
129-850-T1-F2	34"	850	34	842	450	16540	68 15/16	88 9/16	34 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	800	897
129-850-T1-G1	34"	850	34	842	450	24080	55 1/8	68 7/8	34 5/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	807	875
129-850-T1-G2	34"	850	34	842	450	24080	68 15/16	88 9/16	34 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	1067	1206
129-850-T1-H1	34"	850	34	842	450	32980	55 1/8	68 7/8	34 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1047	1144
129-850-T1-H2	34"	850	34	842	450	32980	68 15/16	88 9/16	34 5/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1144	1283
129-850-T1-I1	34"	850	34	842	450	43300	55 7/8	68 7/8	34 5/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	1228	1318
129-850-T1-I2	34"	850	34	842	450	43300	68 15/16	88 9/16	34 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1556	1746
129-850-T1-J1	34"	850	34	842	450	59780	56 11/16	68 7/8	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1470	1587
129-850-T1-J2	34"	850	34	842	450	59780	68 15/16	88 9/16	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1856	2101
129-850-T1-K1	34"	850	34	842	450	78920	56 11/16	68 7/8	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1856	2008
129-850-T1-K2	34"	850	34	842	450	78920	68 15/16	88 9/16	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2008	2255
129-850-T1-L1	34"	850	34	842	450	100260	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1971	2116
129-850-T1-L2	34"	850	34	842	450	100260	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2434	2745
129-850-T1-M1	34"	850	34	842	450	126100	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2313	2496
129-850-T1-M2	34"	850	34	842	450	126100	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Alloy Steel	2846	3230
129-900-T1-D1	36"	900	36	842	450	7180	56 11/16	68 7/8	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	467	505
129-900-T1-D2	36"	900	36	842	450	7180	68 15/16	88 9/16	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	505	567
129-900-T1-E1	36"	900	36	842	450	10400	56 11/16	68 7/8	36 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	514	551
129-900-T1-E2	36"	900	36	842	450	10400	68 15/16	88 9/16	36 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	553	613
129-900-T1-F1	36"	900	36	842	450	16540	57 1/2	68 7/8	36 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	780	838
129-900-T1-F2	36"	900	36	842	450	16540	68 15/16	88 9/16	36 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	838	933
129-900-T1-G1	36"	900	36	842	450	24080	57 7/8	68 7/8	36 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	866	919
129-900-T1-G2	36"	900	36	842	450	24080	68 15/16	88 9/16	36 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	1113	1252
129-900-T1-H1	36"	900	36	842	450	32980	58 1/4	68 7/8	36 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1120	1195
129-900-T1-H2	36"	900	36	842	450	32980	68 15/16	88 9/16	36 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1195	1334
129-900-T1-I1	36"	900	36	842	450	43300	58 11/16	68 7/8	36 7/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	1310	1382
129-900-T1-I2	36"	900	36	842	450	43300	68 15/16	88 9/16	36 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1623	1812
129-900-T1-J1	36"	900	36	842	450	59780	59 7/16	68 7/8	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1563	1656
129-900-T1-J2	36"	900	36	842	450	59780	68 15/16	88 9/16	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1927	2172
129-900-T1-K1	36"	900	36	842	450	78920	59 13/16	68 7/8	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	1978	2090
129-900-T1-K2	36"	900	36	842	450	78920	68 15/16	88 9/16	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2090	2337

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

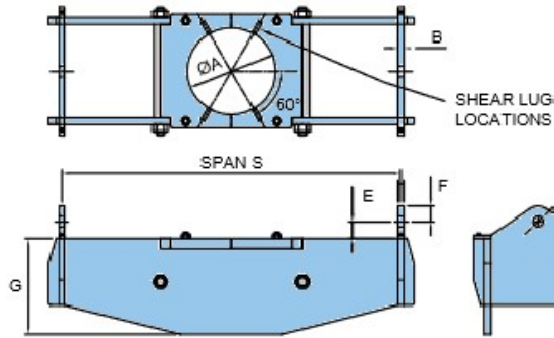
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod, i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	°F	°C	lbs	in	in	in	in	in	in	in	in		lbs	lbs
129-900-T1-L1	36"	900	36	842	450	100260	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2099	2202
129-900-T1-L2	36"	900	36	842	450	100260	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2524	2835
129-900-T1-M1	36"	900	36	842	450	126100	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2460	2593
129-900-T1-M2	36"	900	36	842	450	126100	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Alloy Steel	2945	3331
129-950-T1-D1	38"	950	38	842	450	7180	59 7/16	68 7/8	38 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	498	527
129-950-T1-D2	38"	950	38	842	450	7180	68 15/16	88 9/16	38 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	527	586
129-950-T1-E1	38"	950	38	842	450	10400	59 7/16	68 7/8	38 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	549	578
129-950-T1-E2	38"	950	38	842	450	10400	68 15/16	88 9/16	38 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	578	639
129-950-T1-F1	38"	950	38	842	450	16540	60 1/4	68 7/8	38 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	831	873
129-950-T1-F2	38"	950	38	842	450	16540	68 15/16	88 9/16	38 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	873	970
129-950-T1-G1	38"	950	38	842	450	24080	60 5/8	68 7/8	38 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	922	963
129-950-T1-G2	38"	950	38	842	450	24080	68 15/16	88 9/16	38 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	1157	1296
129-950-T1-H1	38"	950	38	842	450	32980	61	68 7/8	38 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1188	1243
129-950-T1-H2	38"	950	38	842	450	32980	68 15/16	88 9/16	38 7/16	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1243	1382
129-950-T1-I1	38"	950	38	842	450	43300	61 7/16	68 7/8	38 7/16	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	1389	1444
129-950-T1-I2	38"	950	38	842	450	43300	68 15/16	88 9/16	38 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1687	1876
129-950-T1-J1	38"	950	38	842	450	59780	62 3/16	68 7/8	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1656	1720
129-950-T1-J2	38"	950	38	842	450	59780	68 15/16	88 9/16	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	1995	2240
129-950-T1-K1	38"	950	38	842	450	78920	62 5/8	68 7/8	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1823	1885
129-950-T1-K2	38"	950	38	842	450	78920	68 15/16	88 9/16	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2169	2416
129-950-T1-L1	38"	950	38	842	450	100260	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2216	2286
129-950-T1-L2	38"	950	38	842	450	100260	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2612	2923
129-950-T1-M1	38"	950	38	842	450	126100	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2597	2685
129-950-T1-M2	38"	950	38	842	450	126100	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Alloy Steel	3042	3428
129-1000-T1-D1	40"	1000	40	842	450	7180	62 3/16	68 7/8	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	527	549
129-1000-T1-D2	40"	1000	40	842	450	7180	68 15/16	88 9/16	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	Alloy Steel	549	608
129-1000-T1-E1	40"	1000	40	842	450	10400	62 3/16	68 7/8	40 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	582	604
129-1000-T1-E2	40"	1000	40	842	450	10400	68 15/16	88 9/16	40 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	Alloy Steel	604	666
129-1000-T1-F1	40"	1000	40	842	450	16540	63	68 7/8	40 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	882	910
129-1000-T1-F2	40"	1000	40	842	450	16540	68 15/16	88 9/16	40 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	Alloy Steel	910	1008
129-1000-T1-G1	40"	1000	40	842	450	24080	63 3/8	68 7/8	40 3/8	13/16	2 1/16	5 7/8	3 3/8	10 13/16	Alloy Steel	979	1008
129-1000-T1-G2	40"	1000	40	842	450	24080	68 15/16	88 9/16	40 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	Alloy Steel	1204	1343
129-1000-T1-H1	40"	1000	40	842	450	32980	63 3/4	68 7/8	40 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1259	1294
129-1000-T1-H2	40"	1000	40	842	450	32980	68 15/16	88 9/16	40 3/8	1	2 3/8	6 11/16	3 9/16	12 13/16	Alloy Steel	1294	1433
129-1000-T1-I1	40"	1000	40	842	450	43300	64 3/16	68 7/8	40 3/8	1 3/16	3	8 11/16	4 1/8	13	Alloy Steel	1473	1506
129-1000-T1-I2	40"	1000	40	842	450	43300	68 15/16	88 9/16	40 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	Alloy Steel	1753	1940
129-1000-T1-J1	40"	1000	40	842	450	59780	64 15/16	68 7/8	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	14 15/16	Alloy Steel	1748	1786
129-1000-T1-J2	40"	1000	40	842	450	59780	68 15/16	88 9/16	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	16 15/16	Alloy Steel	2064	2308
129-1000-T1-K1	40"	1000	40	842	450	78920	65 3/8	68 7/8	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	15 3/16	Alloy Steel	1927	1962
129-1000-T1-K2	40"	1000	40	842	450	78920	68 15/16	88 9/16	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2249	2496
129-1000-T1-L1	40"	1000	40	842	450	100260	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	17 1/8	Alloy Steel	2337	2372
129-1000-T1-L2	40"	1000	40	842	450	100260	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 1/8	Alloy Steel	2701	3011
129-1000-T1-M1	40"	1000	40	842	450	126100	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2736	2780
129-1000-T1-M2	40"	1000	40	842	450	126100	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	Alloy Steel	3142	3527
129-250-T2-B1	10"	250	10.75	1022	550	2460	19 5/16	39 3/8	10 15/16	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	63.9	92.6
129-250-T2-B2	10"	250	10.75	1022	550	2460	39 7/16	59 1/16	10 15/16	3/8	3/4	1 15/16	1	6 5/16	Alloy Steel	108	143
129-250-T2-C1	10"	250	10.75	1022	550	4580	19 5/16	39 3/8	10 15/16	1/2	1 1/16	3 1/8	1 3/8	6 3/8	Alloy Steel	83.8	119
129-250-T2-C2	10"	250	10.75	1022	550	4580	39 7/16	59 1/16	10 15/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	183	243
129-250-T2-D1	10"	250	10.75	1022	550	7180	19 5/16	39 3/8	10 15/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	134	198
129-250-T2-D2	10"	250	10.75	1022	550	7180	39 7/16	59 1/16	10 15/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	198	260
129-250-T2-E1	10"	250	10.75	1022	550	10400	19 5/16	39 3/8	10 15/16	9/16	1 9/16	4 5/16	2 9/16	8 11/16	Alloy Steel	146	209
129-250-T2-E2	10"	250	10.75	1022	550	10400	39 7/16	59 1/16	10 15/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	293	388
129-250-T2-F1	10"	250	10.75	1022	550	16540	20 1/16	39 3/8	10 15/16	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	231	328
129-250-T2-F2	10"	250	10.75	1022	550	16540	39 7/16	59 1/16	10 15/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	432	571
129-250-T2-G1	10"	250	10.75	1022	550	24080	20 1/2	39 3/8	10 15/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	313	448
129-250-T2-G2	10"	250	10.75	1022	550	24080	39 7/16	59 1/16	10 15/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	448	589
129-250-T2-H1	10"	250	10.75	1022	550	32980	20 7/8	39 3/8	10 15/16	1	2 3/8	6 11/16	3 9/16	13 3/16	Alloy Steel	355	489
129-250-T2-H2	10"	250	10.75	1022	550	32980	39 7/16	59 1/16	10 15/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	615	807
129-300-T2-B1	12"	300	12.75	1022	550	2460	22 7/16	39 3/8	13	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	77.2	99.2
129-300-T2-B2	12"	300	12.75	1022	550	2460	39 7/16	59 1/16	13	3/8	3/4	1 15/16	1	6 5/16	Alloy Steel	117	152

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

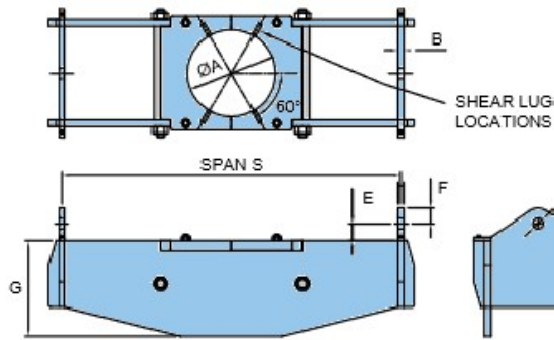
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-300-T2-C1	12"	300	12.75	1022	550	4580	22 7/16	39 3/8	13	1/2	1 1/16	3 1/8	1 3/8	6 3/8	Alloy Steel	101	130
129-300-T2-C2	12"	300	12.75	1022	550	4580	39 7/16	59 1/16	13	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	194	256
129-300-T2-D1	12"	300	12.75	1022	550	7180	22 13/16	39 3/8	13	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	161	214
129-300-T2-D2	12"	300	12.75	1022	550	7180	39 7/16	59 1/16	13	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	214	276
129-300-T2-E1	12"	300	12.75	1022	550	10400	22 13/16	39 3/8	13	9/16	1 9/16	4 5/16	2 9/16	8 11/16	Alloy Steel	176	229
129-300-T2-E2	12"	300	12.75	1022	550	10400	39 7/16	59 1/16	13	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	313	410
129-300-T2-F1	12"	300	12.75	1022	550	16540	23 1/4	39 3/8	13	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	273	353
129-300-T2-F2	12"	300	12.75	1022	550	16540	39 7/16	59 1/16	13	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	461	597
129-300-T2-G1	12"	300	12.75	1022	550	24080	23 5/8	39 3/8	13	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	368	481
129-300-T2-G2	12"	300	12.75	1022	550	24080	39 7/16	59 1/16	13	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	481	619
129-300-T2-H1	12"	300	12.75	1022	550	32980	24	39 3/8	13	1	2 3/8	6 11/16	3 9/16	13 3/16	Alloy Steel	417	527
129-300-T2-H2	12"	300	12.75	1022	550	32980	39 7/16	59 1/16	13	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	657	847
129-300-T2-I1	12"	300	12.75	1022	550	43300	24 13/16	39 3/8	13	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	571	712
129-300-T2-I2	12"	300	12.75	1022	550	43300	39 7/16	59 1/16	13	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	864	1111
129-350-T2-B1	14"	350	14	1022	550	2460	24 7/16	39 3/8	14 1/4	3/8	3/4	1 15/16	1	5 1/8	Alloy Steel	83.8	106
129-350-T2-B2	14"	350	14	1022	550	2460	39 7/16	59 1/16	14 1/4	3/8	3/4	1 15/16	1	6 5/16	Alloy Steel	123	159
129-350-T2-C1	14"	350	14	1022	550	4580	24 7/16	39 3/8	14 1/4	1/2	1 1/16	3 1/8	1 3/8	6 3/8	Alloy Steel	112	139
129-350-T2-C2	14"	350	14	1022	550	4580	39 7/16	59 1/16	14 1/4	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	203	265
129-350-T2-D1	14"	350	14	1022	550	7180	24 13/16	39 3/8	14 1/4	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	179	223
129-350-T2-D2	14"	350	14	1022	550	7180	39 7/16	59 1/16	14 1/4	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	223	284
129-350-T2-E1	14"	350	14	1022	550	10400	24 13/16	39 3/8	14 1/4	9/16	1 9/16	4 5/16	2 9/16	8 11/16	Alloy Steel	194	240
129-350-T2-E2	14"	350	14	1022	550	10400	39 7/16	59 1/16	14 1/4	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	326	423
129-350-T2-F1	14"	350	14	1022	550	16540	25 3/16	39 3/8	14 1/4	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	300	370
129-350-T2-F2	14"	350	14	1022	550	16540	39 7/16	59 1/16	14 1/4	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	478	617
129-350-T2-G1	14"	350	14	1022	550	24080	26	39 3/8	14 1/4	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	406	500
129-350-T2-G2	14"	350	14	1022	550	24080	39 7/16	59 1/16	14 1/4	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	500	642
129-350-T2-H1	14"	350	14	1022	550	32980	26	39 3/8	14 1/4	1	2 3/8	6 11/16	3 9/16	13 3/16	Alloy Steel	456	553
129-350-T2-H2	14"	350	14	1022	550	32980	39 7/16	59 1/16	14 1/4	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	683	875
129-350-T2-I1	14"	350	14	1022	550	43300	26 3/4	39 3/8	14 1/4	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	622	743
129-350-T2-I2	14"	350	14	1022	550	43300	39 7/16	59 1/16	14 1/4	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	897	1144
129-350-T2-J1	14"	350	14	1022	550	59780	27 9/16	39 3/8	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	15 3/8	Alloy Steel	657	772
129-350-T2-J2	14"	350	14	1022	550	59780	39 7/16	59 1/16	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	926	1175
129-400-T2-B1	16"	400	16	1022	550	2460	27 9/16	59 1/16	16 1/4	3/8	3/4	1 15/16	1	6 5/16	Alloy Steel	112	168
129-400-T2-B2	16"	400	16	1022	550	2460	59 1/8	78 3/4	16 1/4	3/8	3/4	1 15/16	1	8 1/4	Alloy Steel	258	320
129-400-T2-C1	16"	400	16	1022	550	4580	27 9/16	59 1/16	16 1/4	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	181	278
129-400-T2-C2	16"	400	16	1022	550	4580	59 1/8	78 3/4	16 1/4	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	278	337
129-400-T2-D1	16"	400	16	1022	550	7180	27 15/16	59 1/16	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	205	302
129-400-T2-D2	16"	400	16	1022	550	7180	59 1/8	78 3/4	16 1/4	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	421	516
129-400-T2-E1	16"	400	16	1022	550	10400	27 15/16	59 1/16	16 1/4	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	291	443
129-400-T2-E2	16"	400	16	1022	550	10400	59 1/8	78 3/4	16 1/4	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	445	540
129-400-T2-F1	16"	400	16	1022	550	16540	28 3/8	59 1/16	16 1/4	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	430	648
129-400-T2-F2	16"	400	16	1022	550	16540	59 1/8	78 3/4	16 1/4	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	648	787
129-400-T2-G1	16"	400	16	1022	550	24080	29 1/8	59 1/16	16 1/4	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	463	675
129-400-T2-G2	16"	400	16	1022	550	24080	59 1/8	78 3/4	16 1/4	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	853	1041
129-400-T2-H1	16"	400	16	1022	550	32980	29 1/8	59 1/16	16 1/4	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	628	919
129-400-T2-H2	16"	400	16	1022	550	32980	59 1/8	78 3/4	16 1/4	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1127	1373
129-400-T2-I1	16"	400	16	1022	550	43300	29 15/16	59 1/16	16 1/4	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	831	1197
129-400-T2-I2	16"	400	16	1022	550	43300	59 1/8	78 3/4	16 1/4	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1197	1444
129-400-T2-J1	16"	400	16	1022	550	59780	30 11/16	59 1/16	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	875	1232
129-400-T2-J2	16"	400	16	1022	550	59780	59 1/8	78 3/4	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1475	1786
129-400-T2-K1	16"	400	16	1022	550	78920	30 11/16	59 1/16	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1098	1552
129-400-T2-K2	16"	400	16	1022	550	78920	59 1/8	78 3/4	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	1825	2213
129-450-T2-B1	18"	450	18	1022	550	2460	30 5/16	59 1/16	18 1/4	3/8	3/4	1 15/16	1	6 5/16	Alloy Steel	128	176
129-450-T2-B2	18"	450	18	1022	550	2460	59 1/8	78 3/4	18 1/4	3/8	3/4	1 15/16	1	8 1/4	Alloy Steel	269	331
129-450-T2-C1	18"	450	18	1022	550	4580	30 11/16	59 1/16	18 1/4	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	203	291
129-450-T2-C2	18"	450	18	1022	550	4580	59 1/8	78 3/4	18 1/4	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	291	353
129-450-T2-D1	18"	450	18	1022	550	7180	30 11/16	59 1/16	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	229	320
129-450-T2-D2	18"	450	18	1022	550	7180	59 1/8	78 3/4	18 1/4	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	441	536
129-450-T2-E1	18"	450	18	1022	550	10400	30 11/16	59 1/16	18 1/4	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	328	465
129-450-T2-E2	18"	450	18	1022	550	10400	59 1/8	78 3/4	18 1/4	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	467	562

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

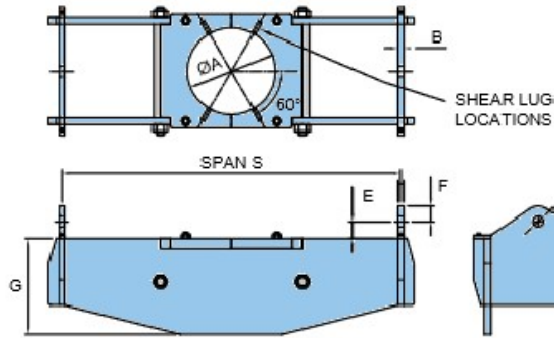
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C												
129-450-T2-F1	18"	450	18	1022	550	16540	31 1/2	59 1/16	18 1/4	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	483	679
129-450-T2-F2	18"	450	18	1022	550	16540	59 1/8	78 3/4	18 1/4	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	679	818
129-450-T2-G1	18"	450	18	1022	550	24080	31 7/8	59 1/16	18 1/4	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	516	710
129-450-T2-G2	18"	450	18	1022	550	24080	59 1/8	78 3/4	18 1/4	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	888	1078
129-450-T2-H1	18"	450	18	1022	550	32980	31 7/8	59 1/16	18 1/4	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	699	963
129-450-T2-H2	18"	450	18	1022	550	32980	59 1/8	78 3/4	18 1/4	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1175	1422
129-450-T2-I1	18"	450	18	1022	550	43300	32 11/16	59 1/16	18 1/4	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	919	1252
129-450-T2-I2	18"	450	18	1022	550	43300	59 1/8	78 3/4	18 1/4	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1252	1499
129-450-T2-J1	18"	450	18	1022	550	59780	33 7/16	59 1/16	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	968	1292
129-450-T2-J2	18"	450	18	1022	550	59780	59 1/8	78 3/4	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1537	1850
129-450-T2-K1	18"	450	18	1022	550	78920	33 7/16	59 1/16	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1213	1623
129-450-T2-K2	18"	450	18	1022	550	78920	59 1/8	78 3/4	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	1900	2286
129-450-T2-L1	18"	450	18	1022	550	100260	34 5/8	59 1/16	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	1521	2004
129-450-T2-L2	18"	450	18	1022	550	100260	59 1/8	78 3/4	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	2652	3208
129-500-T2-B1	20"	500	20	1022	550	2460	33 7/16	59 1/16	20 5/16	3/8	3/4	1 15/16	1	6 5/16	Alloy Steel	143	187
129-500-T2-B2	20"	500	20	1022	550	2460	59 1/8	78 3/4	20 5/16	3/8	3/4	1 15/16	1	8 1/4	Alloy Steel	280	342
129-500-T2-C1	20"	500	20	1022	550	4580	33 7/16	59 1/16	20 5/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	227	304
129-500-T2-C2	20"	500	20	1022	550	4580	59 1/8	78 3/4	20 5/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	306	366
129-500-T2-D1	20"	500	20	1022	550	7180	33 7/16	59 1/16	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	256	337
129-500-T2-D2	20"	500	20	1022	550	7180	59 1/8	78 3/4	20 5/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	461	556
129-500-T2-E1	20"	500	20	1022	550	10400	33 7/16	59 1/16	20 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	364	489
129-500-T2-E2	20"	500	20	1022	550	10400	59 1/8	78 3/4	20 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	489	586
129-500-T2-F1	20"	500	20	1022	550	16540	34 1/4	59 1/16	20 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	536	710
129-500-T2-F2	20"	500	20	1022	550	16540	59 1/8	78 3/4	20 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	710	849
129-500-T2-G1	20"	500	20	1022	550	24080	34 5/8	59 1/16	20 5/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	573	747
129-500-T2-G2	20"	500	20	1022	550	24080	59 1/8	78 3/4	20 5/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	928	1118
129-500-T2-H1	20"	500	20	1022	550	32980	35 1/16	59 1/16	20 5/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	778	1010
129-500-T2-H2	20"	500	20	1022	550	32980	59 1/8	78 3/4	20 5/16	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1224	1470
129-500-T2-I1	20"	500	20	1022	550	43300	35 7/16	59 1/16	20 5/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1012	1310
129-500-T2-I2	20"	500	20	1022	550	43300	59 1/8	78 3/4	20 5/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1310	1556
129-500-T2-J1	20"	500	20	1022	550	59780	36 1/4	59 1/16	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1065	1354
129-500-T2-J2	20"	500	20	1022	550	59780	59 1/8	78 3/4	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1601	1914
129-500-T2-K1	20"	500	20	1022	550	78920	36 5/8	59 1/16	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1336	1698
129-500-T2-K2	20"	500	20	1022	550	78920	59 1/8	78 3/4	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	1978	2363
129-500-T2-L1	20"	500	20	1022	550	100260	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	1662	2090
129-500-T2-L2	20"	500	20	1022	550	100260	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	2747	3302
129-500-T2-M1	20"	500	20	1022	550	126100	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2189	2806
129-500-T2-M2	20"	500	20	1022	550	126100	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2809	3369
129-550-T2-C1	22"	550	22	1022	550	4580	36 5/8	59 1/16	22 5/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	251	322
129-550-T2-C2	22"	550	22	1022	550	4580	59 1/8	78 3/4	22 5/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	322	381
129-550-T2-D1	22"	550	22	1022	550	7180	36 5/8	59 1/16	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	287	355
129-550-T2-D2	22"	550	22	1022	550	7180	59 1/8	78 3/4	22 5/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	481	575
129-550-T2-E1	22"	550	22	1022	550	10400	36 5/8	59 1/16	22 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	406	516
129-550-T2-E2	22"	550	22	1022	550	10400	59 1/8	78 3/4	22 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	516	611
129-550-T2-F1	22"	550	22	1022	550	16540	37 3/8	59 1/16	22 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	593	745
129-550-T2-F2	22"	550	22	1022	550	16540	59 1/8	78 3/4	22 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	745	884
129-550-T2-G1	22"	550	22	1022	550	24080	37 13/16	59 1/16	22 5/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	635	787
129-550-T2-G2	22"	550	22	1022	550	24080	59 1/8	78 3/4	22 5/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	970	1160
129-550-T2-H1	22"	550	22	1022	550	32980	38 3/16	59 1/16	22 5/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	860	1060
129-550-T2-H2	22"	550	22	1022	550	32980	59 1/8	78 3/4	22 5/16	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1276	1523
129-550-T2-I1	22"	550	22	1022	550	43300	38 9/16	59 1/16	22 5/16	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	948	1146
129-550-T2-I2	22"	550	22	1022	550	43300	59 1/8	78 3/4	22 5/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1369	1616
129-550-T2-J1	22"	550	22	1022	550	59780	39 3/8	59 1/16	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1171	1420
129-550-T2-J2	22"	550	22	1022	550	59780	59 1/8	78 3/4	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1671	1984
129-550-T2-K1	22"	550	22	1022	550	78920	39 3/4	59 1/16	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1466	1775
129-550-T2-K2	22"	550	22	1022	550	78920	59 1/8	78 3/4	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2059	2445
129-550-T2-L1	22"	550	22	1022	550	100260	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	1814	2180
129-550-T2-L2	22"	550	22	1022	550	100260	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	2846	3402
129-550-T2-M1	22"	550	22	1022	550	126100	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1876	2246
129-550-T2-M2	22"	550	22	1022	550	126100	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2917	3477

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

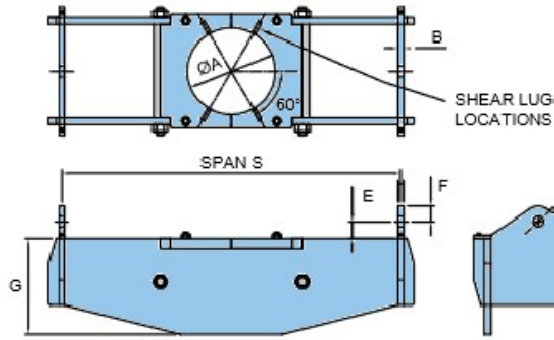
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-600-T2-C1	24"	600	24	1022	550	4580	39 3/8	59 1/16	24 5/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	276	337
129-600-T2-C2	24"	600	24	1022	550	4580	59 1/8	78 3/4	24 5/16	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	337	397
129-600-T2-D1	24"	600	24	1022	550	7180	39 3/8	59 1/16	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	313	375
129-600-T2-D2	24"	600	24	1022	550	7180	59 1/8	78 3/4	24 5/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	503	597
129-600-T2-E1	24"	600	24	1022	550	10400	39 3/8	59 1/16	24 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	445	540
129-600-T2-E2	24"	600	24	1022	550	10400	59 1/8	78 3/4	24 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	540	637
129-600-T2-F1	24"	600	24	1022	550	16540	40 3/16	59 1/16	24 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	648	780
129-600-T2-F2	24"	600	24	1022	550	16540	59 1/8	78 3/4	24 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	780	919
129-600-T2-G1	24"	600	24	1022	550	24080	40 9/16	59 1/16	24 5/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	697	827
129-600-T2-G2	24"	600	24	1022	550	24080	59 1/8	78 3/4	24 5/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1014	1202
129-600-T2-H1	24"	600	24	1022	550	32980	40 15/16	59 1/16	24 5/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	937	1111
129-600-T2-H2	24"	600	24	1022	550	32980	59 1/8	78 3/4	24 5/16	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1332	1578
129-600-T2-I1	24"	600	24	1022	550	43300	41 5/16	59 1/16	24 5/16	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	1032	1204
129-600-T2-I2	24"	600	24	1022	550	43300	59 1/8	78 3/4	24 5/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1431	1678
129-600-T2-J1	24"	600	24	1022	550	59780	42 1/8	59 1/16	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1272	1486
129-600-T2-J2	24"	600	24	1022	550	59780	59 1/8	78 3/4	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1739	2052
129-600-T2-K1	24"	600	24	1022	550	78920	42 1/2	59 1/16	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1590	1854
129-600-T2-K2	24"	600	24	1022	550	78920	59 1/8	78 3/4	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2141	2529
129-600-T2-L1	24"	600	24	1022	550	100260	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	1962	2273
129-600-T2-L2	24"	600	24	1022	550	100260	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	2948	3503
129-600-T2-M1	24"	600	24	1022	550	126100	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2033	2348
129-600-T2-M2	24"	600	24	1022	550	126100	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3025	3585
129-650-T2-C1	26"	650	26	1022	550	4580	42 1/8	59 1/16	26 3/8	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	300	353
129-650-T2-C2	26"	650	26	1022	550	4580	59 1/8	78 3/4	26 3/8	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	353	414
129-650-T2-D1	26"	650	26	1022	550	7180	42 1/2	59 1/16	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	344	397
129-650-T2-D2	26"	650	26	1022	550	7180	59 1/8	78 3/4	26 3/8	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	525	619
129-650-T2-E1	26"	650	26	1022	550	10400	42 1/2	59 1/16	26 3/8	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	487	569
129-650-T2-E2	26"	650	26	1022	550	10400	59 1/8	78 3/4	26 3/8	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	569	664
129-650-T2-F1	26"	650	26	1022	550	16540	42 15/16	59 1/16	26 3/8	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	575	657
129-650-T2-F2	26"	650	26	1022	550	16540	59 1/8	78 3/4	26 3/8	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	818	957
129-650-T2-G1	26"	650	26	1022	550	24080	43 5/16	59 1/16	26 3/8	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	758	869
129-650-T2-G2	26"	650	26	1022	550	24080	59 1/8	78 3/4	26 3/8	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1058	1248
129-650-T2-H1	26"	650	26	1022	550	32980	43 11/16	59 1/16	26 3/8	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1016	1166
129-650-T2-H2	26"	650	26	1022	550	32980	59 1/8	78 3/4	26 3/8	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1387	1634
129-650-T2-I1	26"	650	26	1022	550	43300	44 1/2	59 1/16	26 3/8	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	1122	1263
129-650-T2-I2	26"	650	26	1022	550	43300	59 1/8	78 3/4	26 3/8	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1493	1739
129-650-T2-J1	26"	650	26	1022	550	59780	44 7/8	59 1/16	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1376	1556
129-650-T2-J2	26"	650	26	1022	550	59780	59 1/8	78 3/4	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1812	2125
129-650-T2-K1	26"	650	26	1022	550	78920	45 1/4	59 1/16	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1713	1936
129-650-T2-K2	26"	650	26	1022	550	78920	59 1/8	78 3/4	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2227	2612
129-650-T2-L1	26"	650	26	1022	550	100260	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	2112	2368
129-650-T2-L2	26"	650	26	1022	550	100260	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	3051	3607
129-650-T2-M1	26"	650	26	1022	550	126100	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2191	2452
129-650-T2-M2	26"	650	26	1022	550	126100	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3137	3697
129-700-T2-C1	28"	700	28	1022	550	4580	44 7/8	59 1/16	28 3/8	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	326	370
129-700-T2-C2	28"	700	28	1022	550	4580	59 1/8	78 3/4	28 3/8	1/2	1 1/16	3 1/8	1 3/8	8 3/8	Alloy Steel	370	432
129-700-T2-D1	28"	700	28	1022	550	7180	45 1/4	59 1/16	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	375	417
129-700-T2-D2	28"	700	28	1022	550	7180	59 1/8	78 3/4	28 3/8	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	547	642
129-700-T2-E1	28"	700	28	1022	550	10400	45 1/4	59 1/16	28 3/8	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	529	595
129-700-T2-E2	28"	700	28	1022	550	10400	59 1/8	78 3/4	28 3/8	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	595	692
129-700-T2-F1	28"	700	28	1022	550	16540	45 11/16	59 1/16	28 3/8	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	626	692
129-700-T2-F2	28"	700	28	1022	550	16540	59 1/8	78 3/4	28 3/8	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	855	994
129-700-T2-G1	28"	700	28	1022	550	24080	46 7/16	59 1/16	28 3/8	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	822	913
129-700-T2-G2	28"	700	28	1022	550	24080	59 1/8	78 3/4	28 3/8	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1105	1292
129-700-T2-H1	28"	700	28	1022	550	32980	46 7/16	59 1/16	28 3/8	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1098	1219
129-700-T2-H2	28"	700	28	1022	550	32980	59 1/8	78 3/4	28 3/8	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1444	1691
129-700-T2-I1	28"	700	28	1022	550	43300	47 1/4	59 1/16	28 3/8	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	1210	1325
129-700-T2-I2	28"	700	28	1022	550	43300	59 1/8	78 3/4	28 3/8	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1556	1803
129-700-T2-J1	28"	700	28	1022	550	59780	48 1/16	59 1/16	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1486	1625
129-700-T2-J2	28"	700	28	1022	550	59780	59 1/8	78 3/4	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1885	2198

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

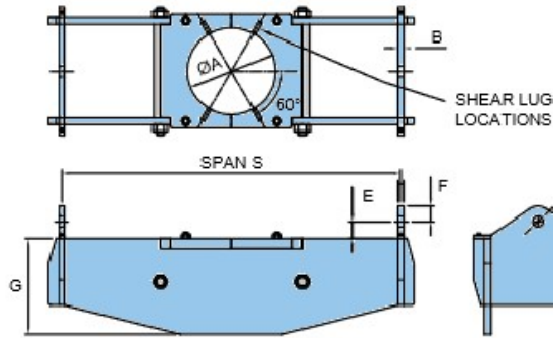
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.
Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	°F	°C	lbs	in	in		in	in	in	in	in		lbs	lbs
129-700-T2-K1	28"	700	28	1022	550	78920	48 1/16	59 1/16	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1841	2017
129-700-T2-K2	28"	700	28	1022	550	78920	59 1/8	78 3/4	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2313	2701
129-700-T2-L1	28"	700	28	1022	550	100260	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	2264	2465
129-700-T2-L2	28"	700	28	1022	550	100260	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	3157	3710
129-700-T2-M1	28"	700	28	1022	550	126100	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2352	2557
129-700-T2-M2	28"	700	28	1022	550	126100	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3252	3812
129-750-T2-D1	30"	750	30	1022	550	7180	48 7/16	59 1/16	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	408	441
129-750-T2-D2	30"	750	30	1022	550	7180	59 1/8	78 3/4	30 7/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	573	668
129-750-T2-E1	30"	750	30	1022	550	10400	48 7/16	59 1/16	30 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	575	628
129-750-T2-E2	30"	750	30	1022	550	10400	59 1/8	78 3/4	30 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	628	723
129-750-T2-F1	30"	750	30	1022	550	16540	49 3/16	59 1/16	30 7/16	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	683	732
129-750-T2-F2	30"	750	30	1022	550	16540	59 1/8	78 3/4	30 7/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	899	1036
129-750-T2-G1	30"	750	30	1022	550	24080	49 5/8	59 1/16	30 7/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	895	963
129-750-T2-G2	30"	750	30	1022	550	24080	59 1/8	78 3/4	30 7/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1155	1345
129-750-T2-H1	30"	750	30	1022	550	32980	49 5/8	59 1/16	30 7/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1190	1281
129-750-T2-H2	30"	750	30	1022	550	32980	59 1/8	78 3/4	30 7/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1283	1473
129-750-T2-I1	30"	750	30	1022	550	43300	50 3/8	59 1/16	30 7/16	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	1310	1393
129-750-T2-I2	30"	750	30	1022	550	43300	59 1/8	78 3/4	30 7/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1629	1876
129-750-T2-J1	30"	750	30	1022	550	59780	51 3/16	59 1/16	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1605	1704
129-750-T2-J2	30"	750	30	1022	550	59780	59 1/8	78 3/4	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	1969	2280
129-750-T2-K1	30"	750	30	1022	550	78920	51 3/16	59 1/16	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	1984	2110
129-750-T2-K2	30"	750	30	1022	550	78920	59 1/8	78 3/4	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2410	2795
129-750-T2-L1	30"	750	30	1022	550	100260	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 11/16	Alloy Steel	2158	2266
129-750-T2-L2	30"	750	30	1022	550	100260	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	3274	3827
129-750-T2-M1	30"	750	30	1022	550	126100	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2542	2676
129-750-T2-M2	30"	750	30	1022	550	126100	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3380	3940
129-800-T2-D1	32"	800	32	1022	550	7180	51 3/16	59 1/16	32 7/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	439	463
129-800-T2-D2	32"	800	32	1022	550	7180	59 1/8	78 3/4	32 7/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	597	692
129-800-T2-E1	32"	800	32	1022	550	10400	51 3/16	59 1/16	32 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	619	657
129-800-T2-E2	32"	800	32	1022	550	10400	59 1/8	78 3/4	32 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	657	754
129-800-T2-F1	32"	800	32	1022	550	16540	51 15/16	59 1/16	32 7/16	13/16	1 3/4	5 1/8	2 3/4	10 13/16	Alloy Steel	736	772
129-800-T2-F2	32"	800	32	1022	550	16540	59 1/8	78 3/4	32 7/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	939	1078
129-800-T2-G1	32"	800	32	1022	550	24080	52 3/8	59 1/16	32 7/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	961	1010
129-800-T2-G2	32"	800	32	1022	550	24080	59 1/8	78 3/4	32 7/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1204	1393
129-800-T2-H1	32"	800	32	1022	550	32980	52 3/8	59 1/16	32 7/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1274	1340
129-800-T2-H2	32"	800	32	1022	550	32980	59 1/8	78 3/4	32 7/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1340	1530
129-800-T2-I1	32"	800	32	1022	550	43300	53 1/8	59 1/16	32 7/16	1 3/16	3	8 11/16	4 1/8	15 3/16	Alloy Steel	1400	1457
129-800-T2-I2	32"	800	32	1022	550	43300	59 1/8	78 3/4	32 7/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1695	1942
129-800-T2-J1	32"	800	32	1022	550	59780	53 15/16	59 1/16	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1713	1779
129-800-T2-J2	32"	800	32	1022	550	59780	59 1/8	78 3/4	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2046	2357
129-800-T2-K1	32"	800	32	1022	550	78920	53 15/16	59 1/16	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	2116	2198
129-800-T2-K2	32"	800	32	1022	550	78920	59 1/8	78 3/4	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2500	2886
129-800-T2-L1	32"	800	32	1022	550	100260	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 11/16	Alloy Steel	2299	2363
129-800-T2-L2	32"	800	32	1022	550	100260	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	3384	3937
129-800-T2-M1	32"	800	32	1022	550	126100	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2709	2789
129-800-T2-M2	32"	800	32	1022	550	126100	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3501	4061
129-850-T2-D1	34"	850	34	1022	550	7180	53 15/16	68 7/8	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	470	516
129-850-T2-D2	34"	850	34	1022	550	7180	68 15/16	88 9/16	34 5/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	668	763
129-850-T2-E1	34"	850	34	1022	550	10400	53 15/16	68 7/8	34 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	661	734
129-850-T2-E2	34"	850	34	1022	550	10400	68 15/16	88 9/16	34 5/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	734	831
129-850-T2-F1	34"	850	34	1022	550	16540	54 5/16	68 7/8	34 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	946	1047
129-850-T2-F2	34"	850	34	1022	550	16540	68 15/16	88 9/16	34 5/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1047	1186
129-850-T2-G1	34"	850	34	1022	550	24080	55 1/8	68 7/8	34 5/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	1027	1124
129-850-T2-G2	34"	850	34	1022	550	24080	68 15/16	88 9/16	34 5/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1347	1534
129-850-T2-H1	34"	850	34	1022	550	32980	55 1/8	68 7/8	34 5/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1358	1493
129-850-T2-H2	34"	850	34	1022	550	32980	68 15/16	88 9/16	34 5/16	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1753	2000
129-850-T2-I1	34"	850	34	1022	550	43300	55 7/8	68 7/8	34 5/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1722	1885
129-850-T2-I2	34"	850	34	1022	550	43300	68 15/16	88 9/16	34 5/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1885	2132
129-850-T2-J1	34"	850	34	1022	550	59780	56 11/16	68 7/8	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1821	1975
129-850-T2-J2	34"	850	34	1022	550	59780	68 15/16	88 9/16	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2277	2590

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

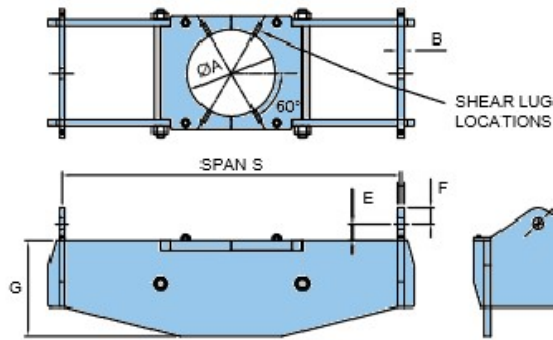
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C												
129-850-T2-K1	34"	850	34	1022	550	78920	56 11/16	68 7/8	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	2244	2440
129-850-T2-K2	34"	850	34	1022	550	78920	68 15/16	88 9/16	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2782	3170
129-850-T2-L1	34"	850	34	1022	550	100260	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	2745	2970
129-850-T2-L2	34"	850	34	1022	550	100260	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	3770	4323
129-850-T2-M1	34"	850	34	1022	550	126100	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3574	3898
129-850-T2-M2	34"	850	34	1022	550	126100	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3900	4458
129-900-T2-D1	36"	900	36	1022	550	7180	56 11/16	68 7/8	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	505	542
129-900-T2-D2	36"	900	36	1022	550	7180	68 15/16	88 9/16	36 7/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	694	791
129-900-T2-E1	36"	900	36	1022	550	10400	56 11/16	68 7/8	36 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	708	767
129-900-T2-E2	36"	900	36	1022	550	10400	68 15/16	88 9/16	36 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	769	864
129-900-T2-F1	36"	900	36	1022	550	16540	57 1/2	68 7/8	36 7/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1012	1093
129-900-T2-F2	36"	900	36	1022	550	16540	68 15/16	88 9/16	36 7/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1093	1232
129-900-T2-G1	36"	900	36	1022	550	24080	57 7/8	68 7/8	36 7/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	1098	1177
129-900-T2-G2	36"	900	36	1022	550	24080	68 15/16	88 9/16	36 7/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1400	1590
129-900-T2-H1	36"	900	36	1022	550	32980	58 1/4	68 7/8	36 7/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1455	1556
129-900-T2-H2	36"	900	36	1022	550	32980	68 15/16	88 9/16	36 7/16	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1821	2068
129-900-T2-I1	36"	900	36	1022	550	43300	58 11/16	68 7/8	36 7/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1832	1960
129-900-T2-I2	36"	900	36	1022	550	43300	68 15/16	88 9/16	36 7/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1960	2207
129-900-T2-J1	36"	900	36	1022	550	59780	59 7/16	68 7/8	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	1940	2059
129-900-T2-J2	36"	900	36	1022	550	59780	68 15/16	88 9/16	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2363	2676
129-900-T2-K1	36"	900	36	1022	550	78920	59 13/16	68 7/8	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	2392	2537
129-900-T2-K2	36"	900	36	1022	550	78920	68 15/16	88 9/16	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2884	3269
129-900-T2-L1	36"	900	36	1022	550	100260	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	2919	3082
129-900-T2-L2	36"	900	36	1022	550	100260	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	3891	4444
129-900-T2-M1	36"	900	36	1022	550	126100	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3796	4032
129-900-T2-M2	36"	900	36	1022	550	126100	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	4032	4592
129-950-T2-D1	38"	950	38	1022	550	7180	59 7/16	68 7/8	38 7/16	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	538	567
129-950-T2-D2	38"	950	38	1022	550	7180	68 15/16	88 9/16	38 7/16	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	721	816
129-950-T2-E1	38"	950	38	1022	550	10400	59 7/16	68 7/8	38 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	754	800
129-950-T2-E2	38"	950	38	1022	550	10400	68 15/16	88 9/16	38 7/16	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	800	897
129-950-T2-F1	38"	950	38	1022	550	16540	60 1/4	68 7/8	38 7/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1076	1138
129-950-T2-F2	38"	950	38	1022	550	16540	68 15/16	88 9/16	38 7/16	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1138	1276
129-950-T2-G1	38"	950	38	1022	550	24080	60 5/8	68 7/8	38 7/16	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	1168	1228
129-950-T2-G2	38"	950	38	1022	550	24080	68 15/16	88 9/16	38 7/16	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1453	1642
129-950-T2-H1	38"	950	38	1022	550	32980	61	68 7/8	38 7/16	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1543	1620
129-950-T2-H2	38"	950	38	1022	550	32980	68 15/16	88 9/16	38 7/16	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1887	2134
129-950-T2-I1	38"	950	38	1022	550	43300	61 7/16	68 7/8	38 7/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	1938	2033
129-950-T2-I2	38"	950	38	1022	550	43300	68 15/16	88 9/16	38 7/16	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	2033	2280
129-950-T2-J1	38"	950	38	1022	550	59780	62 3/16	68 7/8	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	2055	2138
129-950-T2-J2	38"	950	38	1022	550	59780	68 15/16	88 9/16	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	19 5/16	Alloy Steel	2447	2760
129-950-T2-K1	38"	950	38	1022	550	78920	62 5/8	68 7/8	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	Alloy Steel	2531	2632
129-950-T2-K2	38"	950	38	1022	550	78920	68 15/16	88 9/16	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	Alloy Steel	2981	3366
129-950-T2-L1	38"	950	38	1022	550	100260	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	Alloy Steel	3082	3192
129-950-T2-L2	38"	950	38	1022	550	100260	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	Alloy Steel	4008	4561
129-950-T2-M1	38"	950	38	1022	550	126100	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	4004	4160
129-950-T2-M2	38"	950	38	1022	550	126100	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	4162	4720
129-1000-T2-D1	40"	1000	40	1022	550	7180	62 3/16	68 7/8	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 7/16	Alloy Steel	571	593
129-1000-T2-D2	40"	1000	40	1022	550	7180	68 15/16	88 9/16	40 3/8	9/16	1 5/16	3 9/16	1 3/4	10 7/16	Alloy Steel	750	844
129-1000-T2-E1	40"	1000	40	1022	550	10400	62 3/16	68 7/8	40 3/8	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	802	836
129-1000-T2-E2	40"	1000	40	1022	550	10400	68 15/16	88 9/16	40 3/8	9/16	1 9/16	4 5/16	2 9/16	10 5/8	Alloy Steel	836	930
129-1000-T2-F1	40"	1000	40	1022	550	16540	63	68 7/8	40 3/8	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1140	1182
129-1000-T2-F2	40"	1000	40	1022	550	16540	68 15/16	88 9/16	40 3/8	13/16	1 3/4	5 1/8	2 3/4	12 13/16	Alloy Steel	1182	1321
129-1000-T2-G1	40"	1000	40	1022	550	24080	63 3/8	68 7/8	40 3/8	13/16	2 1/16	5 7/8	3 3/8	13	Alloy Steel	1241	1281
129-1000-T2-G2	40"	1000	40	1022	550	24080	68 15/16	88 9/16	40 3/8	13/16	2 1/16	5 7/8	3 3/8	14 15/16	Alloy Steel	1508	1698
129-1000-T2-H1	40"	1000	40	1022	550	32980	63 3/4	68 7/8	40 3/8	1	2 3/8	6 11/16	3 9/16	15 3/16	Alloy Steel	1636	1684
129-1000-T2-H2	40"	1000	40	1022	550	32980	68 15/16	88 9/16	40 3/8	1	2 3/8	6 11/16	3 9/16	17 1/8	Alloy Steel	1953	2200
129-1000-T2-I1	40"	1000	40	1022	550	43300	64 3/16	68 7/8	40 3/8	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	2048	2108
129-1000-T2-I2	40"	1000	40	1022	550	43300	68 15/16	88 9/16	40 3/8	1 3/16	3	8 11/16	4 1/8	17 1/8	Alloy Steel	2108	2355
129-1000-T2-J1	40"	1000	40	1022	550	59780	64 15/16	68 7/8	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 5/16	Alloy Steel	2172	2220
129-1000-T2-J2	40"	1000	40	1022	550	59780											

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

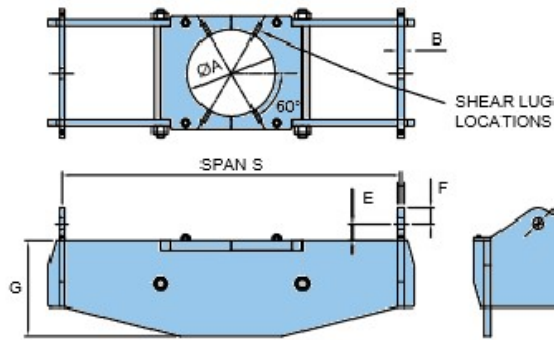
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C		in	in										
129-1000-T2-K1	40"	1000	40	1022	550	78920	65 3/8	68 7/8	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/2	1	Alloy Steel	2670	2727
129-1000-T2-K2	40"	1000	40	1022	550	78920	68 15/16	88 9/16	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	21 7/16	1	Alloy Steel	3080	3468
129-1000-T2-L1	40"	1000	40	1022	550	100260	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 5/8	1	Alloy Steel	3250	3302
129-1000-T2-L2	40"	1000	40	1022	550	100260	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	25 9/16	1	Alloy Steel	4127	4683
129-1000-T2-M1	40"	1000	40	1022	550	126100	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26	1	Alloy Steel	4213	4292
129-1000-T2-M2	40"	1000	40	1022	550	126100	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26	1	Alloy Steel	4295	4852
129-250-T3-B1	10"	250	10.75	1112	600	2460	19 5/16	39 3/8	10 15/16	3/8	3/4	1 15/16	1	6 3/8	1	Alloy Steel	77.2	112
129-250-T3-B2	10"	250	10.75	1112	600	2460	39 7/16	59 1/16	10 15/16	3/8	3/4	1 15/16	1	8 3/8	1	Alloy Steel	174	234
129-250-T3-C1	10"	250	10.75	1112	600	4580	19 5/16	39 3/8	10 15/16	1/2	1 1/16	3 1/8	1 3/8	8 11/16	1	Alloy Steel	132	196
129-250-T3-C2	10"	250	10.75	1112	600	4580	39 7/16	59 1/16	10 15/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	1	Alloy Steel	278	373
129-250-T3-D1	10"	250	10.75	1112	600	7180	19 5/16	39 3/8	10 15/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	192	289
129-250-T3-D2	10"	250	10.75	1112	600	7180	39 7/16	59 1/16	10 15/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	289	386
129-250-T3-E1	10"	250	10.75	1112	600	10400	19 5/16	39 3/8	10 15/16	9/16	1 9/16	4 5/16	2 9/16	10 13/16	1	Alloy Steel	203	302
129-250-T3-E2	10"	250	10.75	1112	600	10400	39 7/16	59 1/16	10 15/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	1	Alloy Steel	401	540
129-250-T3-F1	10"	250	10.75	1112	600	16540	20 1/16	39 3/8	10 15/16	13/16	1 3/4	5 1/8	2 3/4	13	1	Alloy Steel	304	441
129-250-T3-F2	10"	250	10.75	1112	600	16540	39 7/16	59 1/16	10 15/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	1	Alloy Steel	562	752
129-250-T3-G1	10"	250	10.75	1112	600	24080	20 1/2	39 3/8	10 15/16	13/16	2 1/16	5 7/8	3 3/8	15 3/8	1	Alloy Steel	406	591
129-250-T3-G2	10"	250	10.75	1112	600	24080	39 7/16	59 1/16	10 15/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	1	Alloy Steel	730	979
129-250-T3-H1	10"	250	10.75	1112	600	32980	20 7/8	39 3/8	10 15/16	1	2 3/8	6 11/16	3 9/16	17 1/2	1	Alloy Steel	545	780
129-250-T3-H2	10"	250	10.75	1112	600	32980	39 7/16	59 1/16	10 15/16	1	2 3/8	6 11/16	3 9/16	19 1/2	1	Alloy Steel	944	1259
129-300-T3-B1	12"	300	12.75	1112	600	2460	22 7/16	39 3/8	13	3/8	3/4	1 15/16	1	6 3/8	1	Alloy Steel	92.6	121
129-300-T3-B2	12"	300	12.75	1112	600	2460	39 7/16	59 1/16	13	3/8	3/4	1 15/16	1	8 3/8	1	Alloy Steel	185	245
129-300-T3-C1	12"	300	12.75	1112	600	4580	22 7/16	39 3/8	13	1/2	1 1/16	3 1/8	1 3/8	8 11/16	1	Alloy Steel	159	214
129-300-T3-C2	12"	300	12.75	1112	600	4580	39 7/16	59 1/16	13	1/2	1 1/16	3 1/8	1 3/8	10 5/8	1	Alloy Steel	295	390
129-300-T3-D1	12"	300	12.75	1112	600	7180	22 13/16	39 3/8	13	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	229	309
129-300-T3-D2	12"	300	12.75	1112	600	7180	39 7/16	59 1/16	13	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	309	406
129-300-T3-E1	12"	300	12.75	1112	600	10400	22 13/16	39 3/8	13	9/16	1 9/16	4 5/16	2 9/16	10 13/16	1	Alloy Steel	243	324
129-300-T3-E2	12"	300	12.75	1112	600	10400	39 7/16	59 1/16	13	9/16	1 9/16	4 5/16	2 9/16	12 13/16	1	Alloy Steel	425	564
129-300-T3-F1	12"	300	12.75	1112	600	16540	23 1/4	39 3/8	13	13/16	1 3/4	5 1/8	2 3/4	13	1	Alloy Steel	357	472
129-300-T3-F2	12"	300	12.75	1112	600	16540	39 7/16	59 1/16	13	13/16	1 3/4	5 1/8	2 3/4	14 15/16	1	Alloy Steel	595	785
129-300-T3-G1	12"	300	12.75	1112	600	24080	23 5/8	39 3/8	13	13/16	2 1/16	5 7/8	3 3/8	15 3/8	1	Alloy Steel	476	631
129-300-T3-G2	12"	300	12.75	1112	600	24080	39 7/16	59 1/16	13	13/16	2 1/16	5 7/8	3 3/8	17 5/16	1	Alloy Steel	772	1021
129-300-T3-H1	12"	300	12.75	1112	600	32980	24	39 3/8	13	1	2 3/8	6 11/16	3 9/16	15 9/16	1	Alloy Steel	531	683
129-300-T3-H2	12"	300	12.75	1112	600	32980	39 7/16	59 1/16	13	1	2 3/8	6 11/16	3 9/16	17 1/2	1	Alloy Steel	996	1312
129-300-T3-I1	12"	300	12.75	1112	600	43300	24 13/16	39 3/8	13	1 3/16	3	8 11/16	4 1/8	17 11/16	1	Alloy Steel	716	904
129-300-T3-I2	12"	300	12.75	1112	600	43300	39 7/16	59 1/16	13	1 3/16	3	8 11/16	4 1/8	19 11/16	1	Alloy Steel	1076	1393
129-350-T3-B1	14"	350	14	1112	600	2460	24 7/16	39 3/8	14 1/4	3/8	3/4	1 15/16	1	6 3/8	1	Alloy Steel	101	128
129-350-T3-B2	14"	350	14	1112	600	2460	39 7/16	59 1/16	14 1/4	3/8	3/4	1 15/16	1	8 3/8	1	Alloy Steel	192	254
129-350-T3-C1	14"	350	14	1112	600	4580	24 7/16	39 3/8	14 1/4	1/2	1 1/16	3 1/8	1 3/8	8 11/16	1	Alloy Steel	176	225
129-350-T3-C2	14"	350	14	1112	600	4580	39 7/16	59 1/16	14 1/4	1/2	1 1/16	3 1/8	1 3/8	10 5/8	1	Alloy Steel	306	403
129-350-T3-D1	14"	350	14	1112	600	7180	24 13/16	39 3/8	14 1/4	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	251	322
129-350-T3-D2	14"	350	14	1112	600	7180	39 7/16	59 1/16	14 1/4	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	322	419
129-350-T3-E1	14"	350	14	1112	600	10400	24 13/16	39 3/8	14 1/4	9/16	1 9/16	4 5/16	2 9/16	10 13/16	1	Alloy Steel	267	340
129-350-T3-E2	14"	350	14	1112	600	10400	39 7/16	59 1/16	14 1/4	9/16	1 9/16	4 5/16	2 9/16	12 13/16	1	Alloy Steel	443	582
129-350-T3-F1	14"	350	14	1112	600	16540	25 3/16	39 3/8	14 1/4	13/16	1 3/4	5 1/8	2 3/4	13	1	Alloy Steel	392	492
129-350-T3-F2	14"	350	14	1112	600	16540	39 7/16	59 1/16	14 1/4	13/16	1 3/4	5 1/8	2 3/4	14 15/16	1	Alloy Steel	617	807
129-350-T3-G1	14"	350	14	1112	600	24080	26	39 3/8	14 1/4	13/16	2 1/16	5 7/8	3 3/8	15 3/8	1	Alloy Steel	525	655
129-350-T3-G2	14"	350	14	1112	600	24080	39 7/16	59 1/16	14 1/4	13/16	2 1/16	5 7/8	3 3/8	17 5/16	1	Alloy Steel	800	1047
129-350-T3-H1	14"	350	14	1112	600	32980	26	39 3/8	14 1/4	1	2 3/8	6 11/16	3 9/16	15 9/16	1	Alloy Steel	582	712
129-350-T3-H2	14"	350	14	1112	600	32980	39 7/16	59 1/16	14 1/4	1	2 3/8	6 11/16	3 9/16	19 1/2	1	Alloy Steel	1030	1345
129-350-T3-I1	14"	350	14	1112	600	43300	26 3/4	39 3/8	14 1/4	1 3/16	3	8 11/16	4 1/8	17 11/16	1	Alloy Steel	780	944
129-350-T3-I2	14"	350	14	1112	600	43300	39 7/16	59 1/16	14 1/4	1 3/16	3	8 11/16	4 1/8	19 11/16	1	Alloy Steel	1118	1435
129-350-T3-J1	14"	350	14	1112	600	59780	27 9/16	39 3/8	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	20 1/16	1	Alloy Steel	970	1162
129-350-T3-J2	14"	350	14	1112	600	59780	39 7/16	59 1/16	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	1	Alloy Steel	1356	1748
129-400-T3-B1	16"	400	16	1112	600	2460	27 9/16	59 1/16	16 1/4	3/8	3/4	1 15/16	1	8 3/8	1	Alloy Steel	168	265
129-400-T3-B2	16"	400	16	1112	600	2460	59 1/8	78 3/4	16 1/4	3/8	3/4	1 15/16	1	8 3/8	1	Alloy Steel	265	326
129-400-T3-C1	16"	400	16	1112	600	4580	27 9/16	59 1/16	16 1/4	1/2	1 1/16	3 1/8	1 3/8	10 5/8	1	Alloy Steel	269	423
129-400-T3-C2	16"	400	16	1112	600	4580	59 1/8	78 3/4	16 1/4	1/2	1 1/16	3 1/8	1 3/8	10 5/8	1	Alloy Steel	423	518
129-400-T3-D1	16"	400	16	1112	600	7180	27 15/16	59 1/16	16 1/4	9/16	1 5/16	3 9/16	1 3/4	10 5/8	1	Alloy Steel	287	439
129-400-T3-D2	16"	400	16	1112	600	7180	59 1/8	78 3/4	16 1/4	9/16	1 5/16	3 9/16	1 3/4	12 5/8	1	Alloy Steel	584	723

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

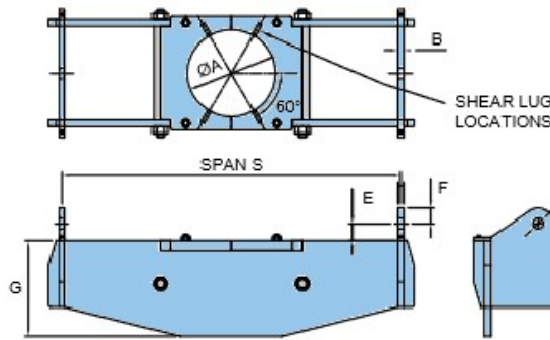
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod, i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C												
129-400-T3-E1	16"	400	16	1112	600	10400	27 15/16	59 1/16	16 1/4	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	388	608
129-400-T3-E2	16"	400	16	1112	600	10400	59 1/8	78 3/4	16 1/4	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	778	966
129-400-T3-F1	16"	400	16	1112	600	16540	28 3/8	59 1/16	16 1/4	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	547	842
129-400-T3-F2	16"	400	16	1112	600	16540	59 1/8	78 3/4	16 1/4	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1045	1290
129-400-T3-G1	16"	400	16	1112	600	24080	29 1/8	59 1/16	16 1/4	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	714	1093
129-400-T3-G2	16"	400	16	1112	600	24080	59 1/8	78 3/4	16 1/4	13/16	2 1/16	5 7/8	3 3/8	19 5/16	Alloy Steel	1323	1634
129-400-T3-H1	16"	400	16	1112	600	32980	29 1/8	59 1/16	16 1/4	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	785	1166
129-400-T3-H2	16"	400	16	1112	600	32980	59 1/8	78 3/4	16 1/4	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1402	1717
129-400-T3-I1	16"	400	16	1112	600	43300	29 15/16	59 1/16	16 1/4	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1030	1499
129-400-T3-I2	16"	400	16	1112	600	43300	59 1/8	78 3/4	16 1/4	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	1768	2156
129-400-T3-J1	16"	400	16	1112	600	59780	30 11/16	59 1/16	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1259	1825
129-400-T3-J2	16"	400	16	1112	600	59780	59 1/8	78 3/4	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2443	3000
129-400-T3-K1	16"	400	16	1112	600	78920	30 11/16	59 1/16	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	1713	2520
129-400-T3-K2	16"	400	16	1112	600	78920	59 1/8	78 3/4	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2520	3080
129-450-T3-B1	18"	450	18	1112	600	2460	30 5/16	59 1/16	18 1/4	3/8	3/4	1 15/16	1	8 3/8	Alloy Steel	187	278
129-450-T3-B2	18"	450	18	1112	600	2460	59 1/8	78 3/4	18 1/4	3/8	3/4	1 15/16	1	8 3/8	Alloy Steel	278	337
129-450-T3-C1	18"	450	18	1112	600	4580	30 11/16	59 1/16	18 1/4	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	304	443
129-450-T3-C2	18"	450	18	1112	600	4580	59 1/8	78 3/4	18 1/4	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	443	540
129-450-T3-D1	18"	450	18	1112	600	7180	30 11/16	59 1/16	18 1/4	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	322	461
129-450-T3-D2	18"	450	18	1112	600	7180	59 1/8	78 3/4	18 1/4	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	608	745
129-450-T3-E1	18"	450	18	1112	600	10400	30 11/16	59 1/16	18 1/4	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	434	635
129-450-T3-E2	18"	450	18	1112	600	10400	59 1/8	78 3/4	18 1/4	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	807	994
129-450-T3-F1	18"	450	18	1112	600	16540	31 1/2	59 1/16	18 1/4	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	613	880
129-450-T3-F2	18"	450	18	1112	600	16540	59 1/8	78 3/4	18 1/4	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1082	1327
129-450-T3-G1	18"	450	18	1112	600	24080	31 7/8	59 1/16	18 1/4	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	796	1140
129-450-T3-G2	18"	450	18	1112	600	24080	59 1/8	78 3/4	18 1/4	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1140	1389
129-450-T3-H1	18"	450	18	1112	600	32980	31 7/8	59 1/16	18 1/4	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	873	1221
129-450-T3-H2	18"	450	18	1112	600	32980	59 1/8	78 3/4	18 1/4	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1459	1772
129-450-T3-I1	18"	450	18	1112	600	43300	32 11/16	59 1/16	18 1/4	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1142	1567
129-450-T3-I2	18"	450	18	1112	600	43300	59 1/8	78 3/4	18 1/4	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	1839	2227
129-450-T3-J1	18"	450	18	1112	600	59780	33 7/16	59 1/16	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1393	1905
129-450-T3-J2	18"	450	18	1112	600	59780	59 1/8	78 3/4	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2529	3086
129-450-T3-K1	18"	450	18	1112	600	78920	33 7/16	59 1/16	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	1883	2612
129-450-T3-K2	18"	450	18	1112	600	78920	59 1/8	78 3/4	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2612	3172
129-450-T3-L1	18"	450	18	1112	600	100260	34 5/8	59 1/16	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	2033	2731
129-450-T3-L2	18"	450	18	1112	600	100260	59 1/8	78 3/4	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3100	3757
129-500-T3-B1	20"	500	20	1112	600	2460	33 7/16	59 1/16	20 5/16	3/8	3/4	1 15/16	1	8 3/8	Alloy Steel	212	291
129-500-T3-B2	20"	500	20	1112	600	2460	59 1/8	78 3/4	20 5/16	3/8	3/4	1 15/16	1	8 3/8	Alloy Steel	291	351
129-500-T3-C1	20"	500	20	1112	600	4580	33 7/16	59 1/16	20 5/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	340	463
129-500-T3-C2	20"	500	20	1112	600	4580	59 1/8	78 3/4	20 5/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	465	560
129-500-T3-D1	20"	500	20	1112	600	7180	33 7/16	59 1/16	20 5/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	359	485
129-500-T3-D2	20"	500	20	1112	600	7180	59 1/8	78 3/4	20 5/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	633	769
129-500-T3-E1	20"	500	20	1112	600	10400	33 7/16	59 1/16	20 5/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	483	664
129-500-T3-E2	20"	500	20	1112	600	10400	59 1/8	78 3/4	20 5/16	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	838	1025
129-500-T3-F1	20"	500	20	1112	600	16540	34 1/4	59 1/16	20 5/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	679	917
129-500-T3-F2	20"	500	20	1112	600	16540	59 1/8	78 3/4	20 5/16	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1122	1369
129-500-T3-G1	20"	500	20	1112	600	24080	34 5/8	59 1/16	20 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	880	1188
129-500-T3-G2	20"	500	20	1112	600	24080	59 1/8	78 3/4	20 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1188	1437
129-500-T3-H1	20"	500	20	1112	600	32980	35 1/16	59 1/16	20 5/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	970	1276
129-500-T3-H2	20"	500	20	1112	600	32980	59 1/8	78 3/4	20 5/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1519	1832
129-500-T3-I1	20"	500	20	1112	600	43300	35 7/16	59 1/16	20 5/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1257	1638
129-500-T3-I2	20"	500	20	1112	600	43300	59 1/8	78 3/4	20 5/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	1911	2302
129-500-T3-J1	20"	500	20	1112	600	59780	36 1/4	59 1/16	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1530	1986
129-500-T3-J2	20"	500	20	1112	600	59780	59 1/8	78 3/4	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2617	3177
129-500-T3-K1	20"	500	20	1112	600	78920	36 5/8	59 1/16	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2068	2707
129-500-T3-K2	20"	500	20	1112	600	78920	59 1/8	78 3/4	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2707	3267
129-500-T3-L1	20"	500	20	1112	600	100260	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	2218	2837
129-500-T3-L2	20"	500	20	1112	600	100260	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3210	3867
129-500-T3-M1	20"	500	20	1112	600	126100	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	2513	3239
129-500-T3-M2	20"	500	20	1112	600	126100	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	3640	4400

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

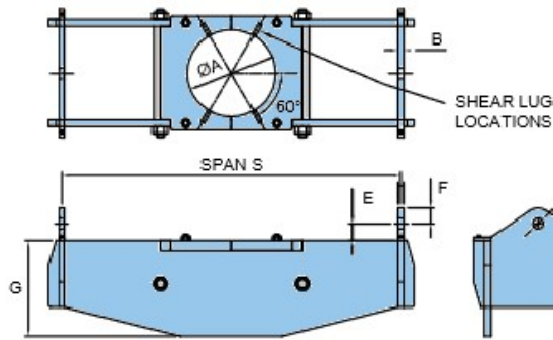
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-550-T3-C1	22"	550	22	1112	600	4580	36 5/8	59 1/16	22 5/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	377	487
129-550-T3-C2	22"	550	22	1112	600	4580	59 1/8	78 3/4	22 5/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	487	584
129-550-T3-D1	22"	550	22	1112	600	7180	36 5/8	59 1/16	22 5/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	399	509
129-550-T3-D2	22"	550	22	1112	600	7180	59 1/8	78 3/4	22 5/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	659	798
129-550-T3-E1	22"	550	22	1112	600	10400	36 5/8	59 1/16	22 5/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	536	694
129-550-T3-E2	22"	550	22	1112	600	10400	59 1/8	78 3/4	22 5/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	694	833
129-550-T3-F1	22"	550	22	1112	600	16540	37 3/8	59 1/16	22 5/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	750	959
129-550-T3-F2	22"	550	22	1112	600	16540	59 1/8	78 3/4	22 5/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	959	1146
129-550-T3-G1	22"	550	22	1112	600	24080	37 13/16	59 1/16	22 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	972	1241
129-550-T3-G2	22"	550	22	1112	600	24080	59 1/8	78 3/4	22 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1241	1490
129-550-T3-H1	22"	550	22	1112	600	32980	38 3/16	59 1/16	22 5/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1074	1338
129-550-T3-H2	22"	550	22	1112	600	32980	59 1/8	78 3/4	22 5/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1583	1898
129-550-T3-I1	22"	550	22	1112	600	43300	38 9/16	59 1/16	22 5/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1382	1713
129-550-T3-I2	22"	550	22	1112	600	43300	59 1/8	78 3/4	22 5/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	1991	2379
129-550-T3-J1	22"	550	22	1112	600	59780	39 3/8	59 1/16	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1682	2077
129-550-T3-J2	22"	550	22	1112	600	59780	59 1/8	78 3/4	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2714	3274
129-550-T3-K1	22"	550	22	1112	600	78920	39 3/4	59 1/16	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2260	2809
129-550-T3-K2	22"	550	22	1112	600	78920	59 1/8	78 3/4	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2809	3369
129-550-T3-L1	22"	550	22	1112	600	100260	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	2421	2950
129-550-T3-L2	22"	550	22	1112	600	100260	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3327	3984
129-550-T3-M1	22"	550	22	1112	600	126100	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	2738	3360
129-550-T3-M2	22"	550	22	1112	600	126100	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	3765	4526
129-600-T3-C1	24"	600	24	1112	600	4580	39 3/8	59 1/16	24 5/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	414	511
129-600-T3-C2	24"	600	24	1112	600	4580	59 1/8	78 3/4	24 5/16	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	511	606
129-600-T3-D1	24"	600	24	1112	600	7180	39 3/8	59 1/16	24 5/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	439	534
129-600-T3-D2	24"	600	24	1112	600	7180	59 1/8	78 3/4	24 5/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	686	825
129-600-T3-E1	24"	600	24	1112	600	10400	39 3/8	59 1/16	24 5/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	586	725
129-600-T3-E2	24"	600	24	1112	600	10400	59 1/8	78 3/4	24 5/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	728	864
129-600-T3-F1	24"	600	24	1112	600	16540	40 3/16	59 1/16	24 5/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	818	999
129-600-T3-F2	24"	600	24	1112	600	16540	59 1/8	78 3/4	24 5/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1001	1188
129-600-T3-G1	24"	600	24	1112	600	24080	40 9/16	59 1/16	24 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1060	1294
129-600-T3-G2	24"	600	24	1112	600	24080	59 1/8	78 3/4	24 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1294	1543
129-600-T3-H1	24"	600	24	1112	600	32980	40 15/16	59 1/16	24 5/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1171	1400
129-600-T3-H2	24"	600	24	1112	600	32980	59 1/8	78 3/4	24 5/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1647	1962
129-600-T3-I1	24"	600	24	1112	600	43300	41 5/16	59 1/16	24 5/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1504	1790
129-600-T3-I2	24"	600	24	1112	600	43300	59 1/8	78 3/4	24 5/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2070	2460
129-600-T3-J1	24"	600	24	1112	600	59780	42 1/8	59 1/16	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1828	2165
129-600-T3-J2	24"	600	24	1112	600	59780	59 1/8	78 3/4	24 5/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2811	3369
129-600-T3-K1	24"	600	24	1112	600	78920	42 1/2	59 1/16	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2440	2910
129-600-T3-K2	24"	600	24	1112	600	78920	59 1/8	78 3/4	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2912	3472
129-600-T3-L1	24"	600	24	1112	600	100260	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	2612	3062
129-600-T3-L2	24"	600	24	1112	600	100260	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3444	4101
129-600-T3-M1	24"	600	24	1112	600	126100	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	2954	3483
129-600-T3-M2	24"	600	24	1112	600	126100	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	3891	4654
129-650-T3-C1	26"	650	26	1112	600	4580	42 1/8	59 1/16	26 3/8	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	452	536
129-650-T3-C2	26"	650	26	1112	600	4580	59 1/8	78 3/4	26 3/8	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	536	633
129-650-T3-D1	26"	650	26	1112	600	7180	42 1/2	59 1/16	26 3/8	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	481	560
129-650-T3-D2	26"	650	26	1112	600	7180	59 1/8	78 3/4	26 3/8	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	714	853
129-650-T3-E1	26"	650	26	1112	600	10400	42 1/2	59 1/16	26 3/8	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	642	758
129-650-T3-E2	26"	650	26	1112	600	10400	59 1/8	78 3/4	26 3/8	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	761	897
129-650-T3-F1	26"	650	26	1112	600	16540	42 15/16	59 1/16	26 3/8	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	888	1043
129-650-T3-F2	26"	650	26	1112	600	16540	59 1/8	78 3/4	26 3/8	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1043	1232
129-650-T3-G1	26"	650	26	1112	600	24080	43 5/16	59 1/16	26 3/8	13/16	2 1/16	5 7/8	3 3/8	15 3/8	Alloy Steel	981	1135
129-650-T3-G2	26"	650	26	1112	600	24080	59 1/8	78 3/4	26 3/8	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1349	1598
129-650-T3-H1	26"	650	26	1112	600	32980	43 11/16	59 1/16	26 3/8	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1270	1466
129-650-T3-H2	26"	650	26	1112	600	32980	59 1/8	78 3/4	26 3/8	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1715	2030
129-650-T3-I1	26"	650	26	1112	600	43300	44 1/2	59 1/16	26 3/8	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1634	1867
129-650-T3-I2	26"	650	26	1112	600	43300	59 1/8	78 3/4	26 3/8	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2154	2542
129-650-T3-J1	26"	650	26	1112	600	59780	44 7/8	59 1/16	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	1975	2258
129-650-T3-J2	26"	650	26	1112	600	59780	59 1/8	78 3/4	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2910	3470

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

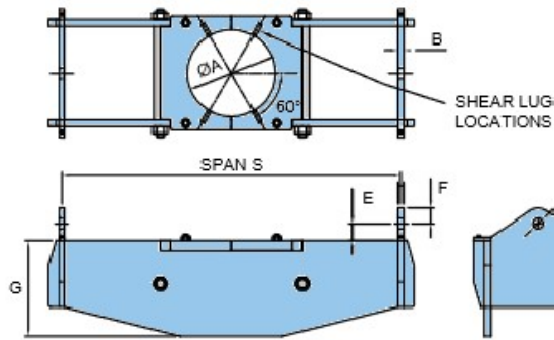
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-650-T3-K1	26"	650	26	1112	600	78920	45 1/4	59 1/16	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2626	3018
129-650-T3-K2	26"	650	26	1112	600	78920	59 1/8	78 3/4	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3018	3578
129-650-T3-L1	26"	650	26	1112	600	100260	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	2809	3179
129-650-T3-L2	26"	650	26	1112	600	100260	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3565	4222
129-650-T3-M1	26"	650	26	1112	600	126100	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	3172	3609
129-650-T3-M2	26"	650	26	1112	600	126100	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	4021	4784
129-700-T3-C1	28"	700	28	1112	600	4580	44 7/8	59 1/16	28 3/8	1/2	1 1/16	3 1/8	1 3/8	8 11/16	Alloy Steel	390	434
129-700-T3-C2	28"	700	28	1112	600	4580	59 1/8	78 3/4	28 3/8	1/2	1 1/16	3 1/8	1 3/8	10 5/8	Alloy Steel	562	657
129-700-T3-D1	28"	700	28	1112	600	7180	45 1/4	59 1/16	28 3/8	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	520	589
129-700-T3-D2	28"	700	28	1112	600	7180	59 1/8	78 3/4	28 3/8	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	743	882
129-700-T3-E1	28"	700	28	1112	600	10400	45 1/4	59 1/16	28 3/8	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	697	794
129-700-T3-E2	28"	700	28	1112	600	10400	59 1/8	78 3/4	28 3/8	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	794	933
129-700-T3-F1	28"	700	28	1112	600	16540	45 11/16	59 1/16	28 3/8	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	959	1087
129-700-T3-F2	28"	700	28	1112	600	16540	59 1/8	78 3/4	28 3/8	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1087	1276
129-700-T3-G1	28"	700	28	1112	600	24080	46 7/16	59 1/16	28 3/8	13/16	2 1/16	5 7/8	3 3/8	15 3/8	Alloy Steel	1067	1188
129-700-T3-G2	28"	700	28	1112	600	24080	59 1/8	78 3/4	28 3/8	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1407	1656
129-700-T3-H1	28"	700	28	1112	600	32980	46 7/16	59 1/16	28 3/8	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1371	1532
129-700-T3-H2	28"	700	28	1112	600	32980	59 1/8	78 3/4	28 3/8	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1784	2099
129-700-T3-I1	28"	700	28	1112	600	43300	47 1/4	59 1/16	28 3/8	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1759	1949
129-700-T3-I2	28"	700	28	1112	600	43300	59 1/8	78 3/4	28 3/8	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2238	2626
129-700-T3-J1	28"	700	28	1112	600	59780	48 1/16	59 1/16	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2134	2355
129-700-T3-J2	28"	700	28	1112	600	59780	59 1/8	78 3/4	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3011	3571
129-700-T3-K1	28"	700	28	1112	600	78920	48 1/16	59 1/16	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	2811	3126
129-700-T3-K2	28"	700	28	1112	600	78920	59 1/8	78 3/4	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3126	3686
129-700-T3-L1	28"	700	28	1112	600	100260	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	3005	3298
129-700-T3-L2	28"	700	28	1112	600	100260	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3691	4345
129-700-T3-M1	28"	700	28	1112	600	126100	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26 3/8	Alloy Steel	3051	3347
129-700-T3-M2	28"	700	28	1112	600	126100	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	4156	4916
129-750-T3-D1	30"	750	30	1112	600	7180	48 7/16	59 1/16	30 7/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	567	619
129-750-T3-D2	30"	750	30	1112	600	7180	59 1/8	78 3/4	30 7/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	776	915
129-750-T3-E1	30"	750	30	1112	600	10400	48 7/16	59 1/16	30 7/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	758	833
129-750-T3-E2	30"	750	30	1112	600	10400	59 1/8	78 3/4	30 7/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	833	972
129-750-T3-F1	30"	750	30	1112	600	16540	49 3/16	59 1/16	30 7/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1043	1138
129-750-T3-F2	30"	750	30	1112	600	16540	59 1/8	78 3/4	30 7/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1140	1327
129-750-T3-G1	30"	750	30	1112	600	24080	49 5/8	59 1/16	30 7/16	13/16	2 1/16	5 7/8	3 3/8	15 3/8	Alloy Steel	1160	1252
129-750-T3-G2	30"	750	30	1112	600	24080	59 1/8	78 3/4	30 7/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1473	1722
129-750-T3-H1	30"	750	30	1112	600	32980	49 5/8	59 1/16	30 7/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1486	1607
129-750-T3-H2	30"	750	30	1112	600	32980	59 1/8	78 3/4	30 7/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1863	2178
129-750-T3-I1	30"	750	30	1112	600	43300	50 3/8	59 1/16	30 7/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	1900	2041
129-750-T3-I2	30"	750	30	1112	600	43300	59 1/8	78 3/4	30 7/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2332	2720
129-750-T3-J1	30"	750	30	1112	600	59780	51 3/16	59 1/16	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2304	2460
129-750-T3-J2	30"	750	30	1112	600	59780	59 1/8	78 3/4	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3128	3686
129-750-T3-K1	30"	750	30	1112	600	78920	51 3/16	59 1/16	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3023	3247
129-750-T3-K2	30"	750	30	1112	600	78920	59 1/8	78 3/4	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3247	3807
129-750-T3-L1	30"	750	30	1112	600	100260	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	3241	3433
129-750-T3-L2	30"	750	30	1112	600	100260	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3827	4484
129-750-T3-M1	30"	750	30	1112	600	126100	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/8	Alloy Steel	3294	3485
129-750-T3-M2	30"	750	30	1112	600	126100	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	4303	5084
129-800-T3-D1	32"	800	32	1112	600	7180	51 3/16	59 1/16	32 7/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	611	648
129-800-T3-D2	32"	800	32	1112	600	7180	59 1/8	78 3/4	32 7/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	807	946
129-800-T3-E1	32"	800	32	1112	600	10400	51 3/16	59 1/16	32 7/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	813	869
129-800-T3-E2	32"	800	32	1112	600	10400	59 1/8	78 3/4	32 7/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	869	1008
129-800-T3-F1	32"	800	32	1112	600	16540	51 15/16	59 1/16	32 7/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1118	1186
129-800-T3-F2	32"	800	32	1112	600	16540	59 1/8	78 3/4	32 7/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1186	1376
129-800-T3-G1	32"	800	32	1112	600	24080	52 3/8	59 1/16	32 7/16	13/16	2 1/16	5 7/8	3 3/8	15 3/8	Alloy Steel	1246	1312
129-800-T3-G2	32"	800	32	1112	600	24080	59 1/8	78 3/4	32 7/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1532	1781
129-800-T3-H1	32"	800	32	1112	600	32980	52 3/8	59 1/16	32 7/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1592	1678
129-800-T3-H2	32"	800	32	1112	600	32980	59 1/8	78 3/4	32 7/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1936	2251
129-800-T3-I1	32"	800	32	1112	600	43300	53 1/8	59 1/16	32 7/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	2030	2127
129-800-T3-I2	32"	800	32	1112	600	43300	59 1/8	78 3/4	32 7/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2421	2811

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

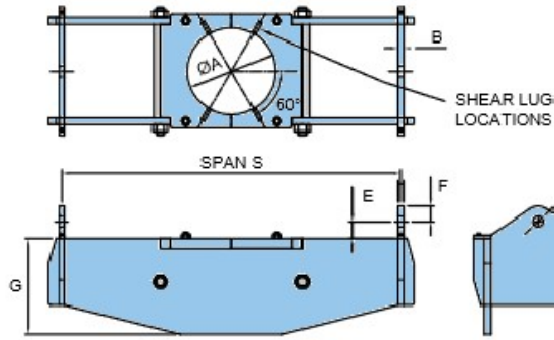
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	in
129-800-T3-J1	32"	800	32	1112	600	59780	53 15/16	59 1/16	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2460	2562
129-800-T3-J2	32"	800	32	1112	600	59780	59 1/8	78 3/4	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3236	3794
129-800-T3-K1	32"	800	32	1112	600	78920	53 15/16	59 1/16	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3214	3360
129-800-T3-K2	32"	800	32	1112	600	78920	59 1/8	78 3/4	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3362	3922
129-800-T3-L1	32"	800	32	1112	600	100260	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	3446	3558
129-800-T3-L2	32"	800	32	1112	600	100260	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	3957	4614
129-800-T3-M1	32"	800	32	1112	600	126100	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/8	Alloy Steel	3503	3616
129-800-T3-M2	32"	800	32	1112	600	126100	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	4442	5205
129-850-T3-D1	34"	850	34	1112	600	7180	53 15/16	68 7/8	34 5/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	653	725
129-850-T3-D2	34"	850	34	1112	600	7180	68 15/16	88 9/16	34 5/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	906	1045
129-850-T3-E1	34"	850	34	1112	600	10400	53 15/16	68 7/8	34 5/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	869	974
129-850-T3-E2	34"	850	34	1112	600	10400	68 15/16	88 9/16	34 5/16	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	1186	1373
129-850-T3-F1	34"	850	34	1112	600	16540	54 5/16	68 7/8	34 5/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1188	1327
129-850-T3-F2	34"	850	34	1112	600	16540	68 15/16	88 9/16	34 5/16	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1578	1823
129-850-T3-G1	34"	850	34	1112	600	24080	55 1/8	68 7/8	34 5/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1543	1717
129-850-T3-G2	34"	850	34	1112	600	24080	68 15/16	88 9/16	34 5/16	13/16	2 1/16	5 7/8	3 3/8	19 5/16	Alloy Steel	2002	2315
129-850-T3-H1	34"	850	34	1112	600	32980	55 1/8	68 7/8	34 5/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	1944	2167
129-850-T3-H2	34"	850	34	1112	600	32980	68 15/16	88 9/16	34 5/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	2167	2482
129-850-T3-I1	34"	850	34	1112	600	43300	55 7/8	68 7/8	34 5/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	2161	2370
129-850-T3-I2	34"	850	34	1112	600	43300	68 15/16	88 9/16	34 5/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2703	3093
129-850-T3-J1	34"	850	34	1112	600	59780	56 11/16	68 7/8	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2615	2859
129-850-T3-J2	34"	850	34	1112	600	59780	68 15/16	88 9/16	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3622	4182
129-850-T3-K1	34"	850	34	1112	600	78920	56 11/16	68 7/8	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3406	3752
129-850-T3-K2	34"	850	34	1112	600	78920	68 15/16	88 9/16	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3754	4314
129-850-T3-L1	34"	850	34	1112	600	100260	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	3635	3964
129-850-T3-L2	34"	850	34	1112	600	100260	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	4414	5071
129-850-T3-M1	34"	850	34	1112	600	126100	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	4096	4478
129-850-T3-M2	34"	850	34	1112	600	126100	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	4963	5723
129-900-T3-D1	36"	900	36	1112	600	7180	56 11/16	68 7/8	36 7/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	699	758
129-900-T3-D2	36"	900	36	1112	600	7180	68 15/16	88 9/16	36 7/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	941	1080
129-900-T3-E1	36"	900	36	1112	600	10400	56 11/16	68 7/8	36 7/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	930	1016
129-900-T3-E2	36"	900	36	1112	600	10400	68 15/16	88 9/16	36 7/16	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	1230	1418
129-900-T3-F1	36"	900	36	1112	600	16540	57 1/2	68 7/8	36 7/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1270	1380
129-900-T3-F2	36"	900	36	1112	600	16540	68 15/16	88 9/16	36 7/16	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1634	1881
129-900-T3-G1	36"	900	36	1112	600	24080	57 7/8	68 7/8	36 7/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1647	1786
129-900-T3-G2	36"	900	36	1112	600	24080	68 15/16	88 9/16	36 7/16	13/16	2 1/16	5 7/8	3 3/8	19 5/16	Alloy Steel	2072	2385
129-900-T3-H1	36"	900	36	1112	600	32980	58 1/4	68 7/8	36 7/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1817	1953
129-900-T3-H2	36"	900	36	1112	600	32980	68 15/16	88 9/16	36 7/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	2249	2564
129-900-T3-I1	36"	900	36	1112	600	43300	58 11/16	68 7/8	36 7/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	2302	2467
129-900-T3-I2	36"	900	36	1112	600	43300	68 15/16	88 9/16	36 7/16	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2804	3192
129-900-T3-J1	36"	900	36	1112	600	59780	59 7/16	68 7/8	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2782	2972
129-900-T3-J2	36"	900	36	1112	600	59780	68 15/16	88 9/16	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3743	4303
129-900-T3-K1	36"	900	36	1112	600	78920	59 13/16	68 7/8	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3622	3880
129-900-T3-K2	36"	900	36	1112	600	78920	68 15/16	88 9/16	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3880	4440
129-900-T3-L1	36"	900	36	1112	600	100260	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	3867	4103
129-900-T3-L2	36"	900	36	1112	600	100260	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	4559	5216
129-900-T3-M1	36"	900	36	1112	600	126100	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	4352	4630
129-900-T3-M2	36"	900	36	1112	600	126100	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	5117	5880
129-950-T3-D1	38"	950	38	1112	600	7180	59 7/16	68 7/8	38 7/16	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	745	791
129-950-T3-D2	38"	950	38	1112	600	7180	68 15/16	88 9/16	38 7/16	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	977	1113
129-950-T3-E1	38"	950	38	1112	600	10400	59 7/16	68 7/8	38 7/16	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	990	1056
129-950-T3-E2	38"	950	38	1112	600	10400	68 15/16	88 9/16	38 7/16	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	1272	1459
129-950-T3-F1	38"	950	38	1112	600	16540	60 1/4	68 7/8	38 7/16	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1349	1433
129-950-T3-F2	38"	950	38	1112	600	16540	68 15/16	88 9/16	38 7/16	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1689	1933
129-950-T3-G1	38"	950	38	1112	600	24080	60 5/8	68 7/8	38 7/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1748	1854
129-950-T3-G2	38"	950	38	1112	600	24080	68 15/16	88 9/16	38 7/16	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1854	2103
129-950-T3-H1	38"	950	38	1112	600	32980	61	68 7/8	38 7/16	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	1929	2030
129-950-T3-H2	38"	950	38	1112	600	32980	68 15/16	88 9/16	38 7/16	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	2330	2646
129-950-T3-I1	38"	950	38	1112	600	43300	61 7/16	68 7/8	38 7/16	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	2438	2560
129-950-T3-I2	38"	950	38														

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

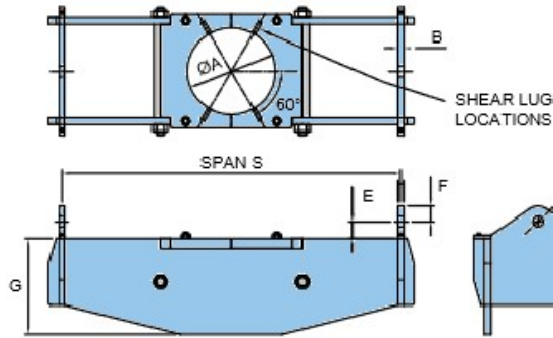
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.
Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-950-T3-J1	38"	950	38	1112	600	59780	62 3/16	68 7/8	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	2948	3082
129-950-T3-J2	38"	950	38	1112	600	59780	68 15/16	88 9/16	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3860	4420
129-950-T3-K1	38"	950	38	1112	600	78920	62 5/8	68 7/8	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3823	4001
129-950-T3-K2	38"	950	38	1112	600	78920	68 15/16	88 9/16	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	4004	4564
129-950-T3-L1	38"	950	38	1112	600	100260	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	4079	4237
129-950-T3-L2	38"	950	38	1112	600	100260	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	4698	5355
129-950-T3-M1	38"	950	38	1112	600	126100	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	4590	4775
129-950-T3-M2	38"	950	38	1112	600	126100	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	5267	6027
129-1000-T3-D1	40"	1000	40	1112	600	7180	62 3/16	68 7/8	40 3/8	9/16	1 5/16	3 9/16	1 3/4	10 5/8	Alloy Steel	791	825
129-1000-T3-D2	40"	1000	40	1112	600	7180	68 15/16	88 9/16	40 3/8	9/16	1 5/16	3 9/16	1 3/4	12 5/8	Alloy Steel	1010	1149
129-1000-T3-E1	40"	1000	40	1112	600	10400	62 3/16	68 7/8	40 3/8	9/16	1 9/16	4 5/16	2 9/16	12 13/16	Alloy Steel	1049	1098
129-1000-T3-E2	40"	1000	40	1112	600	10400	68 15/16	88 9/16	40 3/8	9/16	1 9/16	4 5/16	2 9/16	14 3/4	Alloy Steel	1316	1504
129-1000-T3-F1	40"	1000	40	1112	600	16540	63	68 7/8	40 3/8	13/16	1 3/4	5 1/8	2 3/4	14 15/16	Alloy Steel	1429	1486
129-1000-T3-F2	40"	1000	40	1112	600	16540	68 15/16	88 9/16	40 3/8	13/16	1 3/4	5 1/8	2 3/4	16 15/16	Alloy Steel	1744	1989
129-1000-T3-G1	40"	1000	40	1112	600	24080	63 3/8	68 7/8	40 3/8	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1852	1922
129-1000-T3-G2	40"	1000	40	1112	600	24080	68 15/16	88 9/16	40 3/8	13/16	2 1/16	5 7/8	3 3/8	17 5/16	Alloy Steel	1922	2172
129-1000-T3-H1	40"	1000	40	1112	600	32980	63 3/4	68 7/8	40 3/8	1	2 3/8	6 11/16	3 9/16	17 1/2	Alloy Steel	2046	2110
129-1000-T3-H2	40"	1000	40	1112	600	32980	68 15/16	88 9/16	40 3/8	1	2 3/8	6 11/16	3 9/16	19 1/2	Alloy Steel	2412	2727
129-1000-T3-I1	40"	1000	40	1112	600	43300	64 3/16	68 7/8	40 3/8	1 3/16	3	8 11/16	4 1/8	19 11/16	Alloy Steel	2579	2654
129-1000-T3-I2	40"	1000	40	1112	600	43300	68 15/16	88 9/16	40 3/8	1 3/16	3	8 11/16	4 1/8	21 5/8	Alloy Steel	2998	3386
129-1000-T3-J1	40"	1000	40	1112	600	59780	64 15/16	68 7/8	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	22 1/16	Alloy Steel	3115	3194
129-1000-T3-J2	40"	1000	40	1112	600	59780	68 15/16	88 9/16	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	26	Alloy Steel	3979	4539
129-1000-T3-K1	40"	1000	40	1112	600	78920	65 3/8	68 7/8	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	4028	4127
129-1000-T3-K2	40"	1000	40	1112	600	78920	68 15/16	88 9/16	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	26	Alloy Steel	4129	4689
129-1000-T3-L1	40"	1000	40	1112	600	100260	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	26 3/16	Alloy Steel	4297	4376
129-1000-T3-L2	40"	1000	40	1112	600	100260	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	28 1/8	Alloy Steel	4839	5496
129-1000-T3-M1	40"	1000	40	1112	600	126100	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	28 3/8	Alloy Steel	4830	4923
129-1000-T3-M2	40"	1000	40	1112	600	126100	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	30 5/16	Alloy Steel	5419	6182
129-250-T4-B1	10"	250	10.75	1112	600	2460	19 5/16	39 3/8	10 15/16	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	63.9	92.6
129-250-T4-B2	10"	250	10.75	1112	600	2460	39 7/16	59 1/16	10 15/16	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	92.6	119
129-250-T4-C1	10"	250	10.75	1112	600	4580	19 5/16	39 3/8	10 15/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	81.6	117
129-250-T4-C2	10"	250	10.75	1112	600	4580	39 7/16	59 1/16	10 15/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	179	240
129-250-T4-D1	10"	250	10.75	1112	600	7180	19 5/16	39 3/8	10 15/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	130	192
129-250-T4-D2	10"	250	10.75	1112	600	7180	39 7/16	59 1/16	10 15/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	194	254
129-250-T4-E1	10"	250	10.75	1112	600	10400	19 5/16	39 3/8	10 15/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	139	201
129-250-T4-E2	10"	250	10.75	1112	600	10400	39 7/16	59 1/16	10 15/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	284	379
129-250-T4-F1	10"	250	10.75	1112	600	16540	20 1/16	39 3/8	10 15/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	225	317
129-250-T4-F2	10"	250	10.75	1112	600	16540	39 7/16	59 1/16	10 15/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	317	414
129-250-T4-G1	10"	250	10.75	1112	600	24080	20 1/2	39 3/8	10 15/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	9% Cr Steel	240	333
129-250-T4-G2	10"	250	10.75	1112	600	24080	39 7/16	59 1/16	10 15/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	439	578
129-250-T4-H1	10"	250	10.75	1112	600	32980	20 7/8	39 3/8	10 15/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	346	478
129-250-T4-H2	10"	250	10.75	1112	600	32980	39 7/16	59 1/16	10 15/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	478	619
129-300-T4-B1	12"	300	12.75	1112	600	2460	22 7/16	39 3/8	13	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	77.2	99.2
129-300-T4-B2	12"	300	12.75	1112	600	2460	39 7/16	59 1/16	13	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	99.2	128
129-300-T4-C1	12"	300	12.75	1112	600	4580	22 7/16	39 3/8	13	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	97	126
129-300-T4-C2	12"	300	12.75	1112	600	4580	39 7/16	59 1/16	13	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	190	251
129-300-T4-D1	12"	300	12.75	1112	600	7180	22 13/16	39 3/8	13	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	157	207
129-300-T4-D2	12"	300	12.75	1112	600	7180	39 7/16	59 1/16	13	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	207	267
129-300-T4-E1	12"	300	12.75	1112	600	10400	22 13/16	39 3/8	13	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	165	216
129-300-T4-E2	12"	300	12.75	1112	600	10400	39 7/16	59 1/16	13	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	302	397
129-300-T4-F1	12"	300	12.75	1112	600	16540	23 1/4	39 3/8	13	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	262	342
129-300-T4-F2	12"	300	12.75	1112	600	16540	39 7/16	59 1/16	13	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	342	439
129-300-T4-G1	12"	300	12.75	1112	600	24080	23 5/8	39 3/8	13	13/16	2 1/16	5 7/8	3 3/8	10 13/16	9% Cr Steel	284	362
129-300-T4-G2	12"	300	12.75	1112	600	24080	39 7/16	59 1/16	13	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	467	606
129-300-T4-H1	12"	300	12.75	1112	600	32980	24	39 3/8	13	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	406	516
129-300-T4-H2	12"	300	12.75	1112	600	32980	39 7/16	59 1/16	13	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	516	655
129-300-T4-I1	12"	300	12.75	1112	600	43300	24 13/16	39 3/8	13	1 3/16	3	8 11/16	4 1/8	14	9% Cr Steel	461	564
129-300-T4-I2	12"	300	12.75	1112	600	43300	39 7/16	59 1/16	13	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	699	888
129-350-T4-B1	14"	350	14	1112	600	2460	24 7/16	39 3/8	14 1/4	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	83.8	106
129-350-T4-B2	14"	350	14	1112	600	2460	39 7/16	59 1/16	14 1/4	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	106	134

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

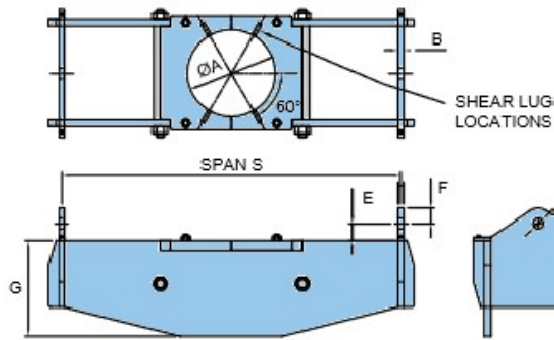
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.
Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-350-T4-C1	14"	350	14	1112	600	4580	24 7/16	39 3/8	14 1/4	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	106	132
129-350-T4-C2	14"	350	14	1112	600	4580	39 7/16	59 1/16	14 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	198	258
129-350-T4-D1	14"	350	14	1112	600	7180	24 13/16	39 3/8	14 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	170	216
129-350-T4-D2	14"	350	14	1112	600	7180	39 7/16	59 1/16	14 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	216	276
129-350-T4-E1	14"	350	14	1112	600	10400	24 13/16	39 3/8	14 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	183	227
129-350-T4-E2	14"	350	14	1112	600	10400	39 7/16	59 1/16	14 1/4	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	313	408
129-350-T4-F1	14"	350	14	1112	600	16540	25 3/16	39 3/8	14 1/4	13/16	1 3/4	5 1/8	2 3/4	8 11/16	9% Cr Steel	223	267
129-350-T4-F2	14"	350	14	1112	600	16540	39 7/16	59 1/16	14 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	357	454
129-350-T4-G1	14"	350	14	1112	600	24080	26	39 3/8	14 1/4	13/16	2 1/16	5 7/8	3 3/8	10 13/16	9% Cr Steel	313	379
129-350-T4-G2	14"	350	14	1112	600	24080	39 7/16	59 1/16	14 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	487	626
129-350-T4-H1	14"	350	14	1112	600	32980	26	39 3/8	14 1/4	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	443	538
129-350-T4-H2	14"	350	14	1112	600	32980	39 7/16	59 1/16	14 1/4	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	538	679
129-350-T4-I1	14"	350	14	1112	600	43300	26 3/4	39 3/8	14 1/4	1 3/16	3	8 11/16	4 1/8	13	9% Cr Steel	503	593
129-350-T4-I2	14"	350	14	1112	600	43300	39 7/16	59 1/16	14 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	728	917
129-350-T4-J1	14"	350	14	1112	600	59780	27 9/16	39 3/8	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	15 3/16	9% Cr Steel	642	756
129-350-T4-J2	14"	350	14	1112	600	59780	39 7/16	59 1/16	14 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	910	1157
129-400-T4-B1	16"	400	16	1112	600	2460	27 9/16	59 1/16	16 1/4	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	99.2	143
129-400-T4-B2	16"	400	16	1112	600	2460	59 1/8	78 3/4	16 1/4	3/8	3/4	1 15/16	1	6 5/16	9% Cr Steel	168	203
129-400-T4-C1	16"	400	16	1112	600	4580	27 9/16	59 1/16	16 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	174	271
129-400-T4-C2	16"	400	16	1112	600	4580	59 1/8	78 3/4	16 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	271	331
129-400-T4-D1	16"	400	16	1112	600	7180	27 15/16	59 1/16	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	196	291
129-400-T4-D2	16"	400	16	1112	600	7180	59 1/8	78 3/4	16 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	291	353
129-400-T4-E1	16"	400	16	1112	600	10400	27 15/16	59 1/16	16 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	209	306
129-400-T4-E2	16"	400	16	1112	600	10400	59 1/8	78 3/4	16 1/4	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	425	520
129-400-T4-F1	16"	400	16	1112	600	16540	28 3/8	59 1/16	16 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	328	478
129-400-T4-F2	16"	400	16	1112	600	16540	59 1/8	78 3/4	16 1/4	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	628	767
129-400-T4-G1	16"	400	16	1112	600	24080	29 1/8	59 1/16	16 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	445	657
129-400-T4-G2	16"	400	16	1112	600	24080	59 1/8	78 3/4	16 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	657	796
129-400-T4-H1	16"	400	16	1112	600	32980	29 1/8	59 1/16	16 1/4	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	505	716
129-400-T4-H2	16"	400	16	1112	600	32980	59 1/8	78 3/4	16 1/4	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	899	1089
129-400-T4-I1	16"	400	16	1112	600	43300	29 15/16	59 1/16	16 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	683	966
129-400-T4-I2	16"	400	16	1112	600	43300	59 1/8	78 3/4	16 1/4	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1177	1422
129-400-T4-J1	16"	400	16	1112	600	59780	30 11/16	59 1/16	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	855	1213
129-400-T4-J2	16"	400	16	1112	600	59780	59 1/8	78 3/4	16 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1213	1459
129-400-T4-K1	16"	400	16	1112	600	78920	30 11/16	59 1/16	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	908	1265
129-400-T4-K2	16"	400	16	1112	600	78920	59 1/8	78 3/4	16 1/4	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1510	1821
129-450-T4-B1	18"	450	18	1112	600	2460	30 5/16	59 1/16	18 1/4	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	112	152
129-450-T4-B2	18"	450	18	1112	600	2460	59 1/8	78 3/4	18 1/4	3/8	3/4	1 15/16	1	6 5/16	9% Cr Steel	179	212
129-450-T4-C1	18"	450	18	1112	600	4580	30 11/16	59 1/16	18 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	196	282
129-450-T4-C2	18"	450	18	1112	600	4580	59 1/8	78 3/4	18 1/4	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	282	344
129-450-T4-D1	18"	450	18	1112	600	7180	30 11/16	59 1/16	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	218	306
129-450-T4-D2	18"	450	18	1112	600	7180	59 1/8	78 3/4	18 1/4	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	306	368
129-450-T4-E1	18"	450	18	1112	600	10400	30 11/16	59 1/16	18 1/4	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	236	324
129-450-T4-E2	18"	450	18	1112	600	10400	59 1/8	78 3/4	18 1/4	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	445	540
129-450-T4-F1	18"	450	18	1112	600	16540	31 1/2	59 1/16	18 1/4	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	370	505
129-450-T4-F2	18"	450	18	1112	600	16540	59 1/8	78 3/4	18 1/4	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	657	794
129-450-T4-G1	18"	450	18	1112	600	24080	31 7/8	59 1/16	18 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	496	688
129-450-T4-G2	18"	450	18	1112	600	24080	59 1/8	78 3/4	18 1/4	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	688	827
129-450-T4-H1	18"	450	18	1112	600	32980	31 7/8	59 1/16	18 1/4	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	562	756
129-450-T4-H2	18"	450	18	1112	600	32980	59 1/8	78 3/4	18 1/4	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	941	1129
129-450-T4-I1	18"	450	18	1112	600	43300	32 11/16	59 1/16	18 1/4	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	758	1012
129-450-T4-I2	18"	450	18	1112	600	43300	59 1/8	78 3/4	18 1/4	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1230	1475
129-450-T4-J1	18"	450	18	1112	600	59780	33 7/16	59 1/16	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	948	1270
129-450-T4-J2	18"	450	18	1112	600	59780	59 1/8	78 3/4	18 1/4	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1270	1517
129-450-T4-K1	18"	450	18	1112	600	78920	33 7/16	59 1/16	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1003	1325
129-450-T4-K2	18"	450	18	1112	600	78920	59 1/8	78 3/4	18 1/4	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1576	1887
129-450-T4-L1	18"	450	18	1112	600	100260	34 5/8	59 1/16	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	1281	1671
129-450-T4-L2	18"	450	18	1112	600	100260	59 1/8	78 3/4	18 1/4	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	1953	2339
129-500-T4-B1	20"	500	20	1112	600	2460	33 7/16	59 1/16	20 5/16	3/8	3/4	1 15/16	1	5 1/8	9% Cr Steel	126	163
129-500-T4-B2	20"	500	20	1112	600	2460	59 1/8	78 3/4	20 5/16	3/8	3/4	1 15/16	1	6 5/16	9% Cr Steel	187	223

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

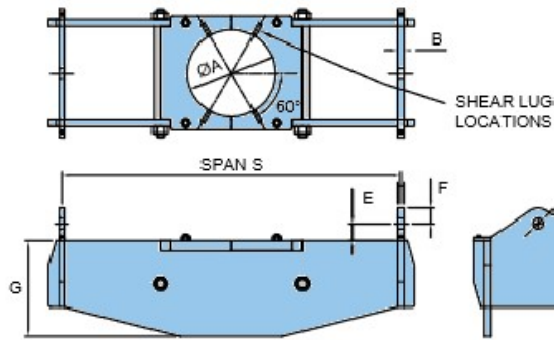
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		in	°F											°C	lbs
129-500-T4-C1	20"	500	20	1112	600	4580	33 7/16	59 1/16	20 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	157	201
129-500-T4-C2	20"	500	20	1112	600	4580	59 1/8	78 3/4	20 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	295	357
129-500-T4-D1	20"	500	20	1112	600	7180	33 7/16	59 1/16	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	243	322
129-500-T4-D2	20"	500	20	1112	600	7180	59 1/8	78 3/4	20 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	322	384
129-500-T4-E1	20"	500	20	1112	600	10400	33 7/16	59 1/16	20 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	262	342
129-500-T4-E2	20"	500	20	1112	600	10400	59 1/8	78 3/4	20 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	465	560
129-500-T4-F1	20"	500	20	1112	600	16540	34 1/4	59 1/16	20 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	410	531
129-500-T4-F2	20"	500	20	1112	600	16540	59 1/8	78 3/4	20 5/16	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	686	822
129-500-T4-G1	20"	500	20	1112	600	24080	34 5/8	59 1/16	20 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	549	721
129-500-T4-G2	20"	500	20	1112	600	24080	59 1/8	78 3/4	20 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	723	860
129-500-T4-H1	20"	500	20	1112	600	32980	35 1/16	59 1/16	20 5/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	626	798
129-500-T4-H2	20"	500	20	1112	600	32980	59 1/8	78 3/4	20 5/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	985	1173
129-500-T4-I1	20"	500	20	1112	600	43300	35 7/16	59 1/16	20 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	836	1063
129-500-T4-I2	20"	500	20	1112	600	43300	59 1/8	78 3/4	20 5/16	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1283	1528
129-500-T4-J1	20"	500	20	1112	600	59780	36 1/4	59 1/16	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1041	1327
129-500-T4-J2	20"	500	20	1112	600	59780	59 1/8	78 3/4	20 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1327	1574
129-500-T4-K1	20"	500	20	1112	600	78920	36 5/8	59 1/16	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1107	1389
129-500-T4-K2	20"	500	20	1112	600	78920	59 1/8	78 3/4	20 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1642	1953
129-500-T4-L1	20"	500	20	1112	600	100260	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	1402	1746
129-500-T4-L2	20"	500	20	1112	600	100260	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2033	2418
129-500-T4-M1	20"	500	20	1112	600	126100	37 3/8	59 1/16	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	1636	2061
129-500-T4-M2	20"	500	20	1112	600	126100	59 1/8	78 3/4	20 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 3/8	9% Cr Steel	2718	3269
129-550-T4-C1	22"	550	22	1112	600	4580	36 5/8	59 1/16	22 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	174	214
129-550-T4-C2	22"	550	22	1112	600	4580	59 1/8	78 3/4	22 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	311	370
129-550-T4-D1	22"	550	22	1112	600	7180	36 5/8	59 1/16	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	269	340
129-550-T4-D2	22"	550	22	1112	600	7180	59 1/8	78 3/4	22 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	340	401
129-550-T4-E1	22"	550	22	1112	600	10400	36 5/8	59 1/16	22 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	291	362
129-550-T4-E2	22"	550	22	1112	600	10400	59 1/8	78 3/4	22 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	487	582
129-550-T4-F1	22"	550	22	1112	600	16540	37 3/8	59 1/16	22 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	454	560
129-550-T4-F2	22"	550	22	1112	600	16540	59 1/8	78 3/4	22 5/16	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	716	853
129-550-T4-G1	22"	550	22	1112	600	24080	37 13/16	59 1/16	22 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	608	758
129-550-T4-G2	22"	550	22	1112	600	24080	59 1/8	78 3/4	22 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	758	897
129-550-T4-H1	22"	550	22	1112	600	32980	38 3/16	59 1/16	22 5/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	692	842
129-550-T4-H2	22"	550	22	1112	600	32980	59 1/8	78 3/4	22 5/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1032	1219
129-550-T4-I1	22"	550	22	1112	600	43300	38 9/16	59 1/16	22 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	919	1116
129-550-T4-I2	22"	550	22	1112	600	43300	59 1/8	78 3/4	22 5/16	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1338	1583
129-550-T4-J1	22"	550	22	1112	600	59780	39 3/8	59 1/16	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	15 3/16	9% Cr Steel	977	1166
129-550-T4-J2	22"	550	22	1112	600	59780	59 1/8	78 3/4	22 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1389	1636
129-550-T4-K1	22"	550	22	1112	600	78920	39 3/4	59 1/16	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1213	1455
129-550-T4-K2	22"	550	22	1112	600	78920	59 1/8	78 3/4	22 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1711	2022
129-550-T4-L1	22"	550	22	1112	600	100260	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	1530	1825
129-550-T4-L2	22"	550	22	1112	600	100260	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2116	2500
129-550-T4-M1	22"	550	22	1112	600	126100	40 9/16	59 1/16	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/2	9% Cr Steel	1561	1856
129-550-T4-M2	22"	550	22	1112	600	126100	59 1/8	78 3/4	22 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 3/8	9% Cr Steel	2813	3364
129-600-T4-C1	24"	600	24	1112	600	4580	39 3/8	59 1/16	24 5/16	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	192	227
129-600-T4-C2	24"	600	24	1112	600	4580	59 1/8	78 3/4	24 5/16	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	324	386
129-600-T4-D1	24"	600	24	1112	600	7180	39 3/8	59 1/16	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	295	357
129-600-T4-D2	24"	600	24	1112	600	7180	59 1/8	78 3/4	24 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	357	417
129-600-T4-E1	24"	600	24	1112	600	10400	39 3/8	59 1/16	24 5/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	320	381
129-600-T4-E2	24"	600	24	1112	600	10400	59 1/8	78 3/4	24 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	509	604
129-600-T4-F1	24"	600	24	1112	600	16540	40 3/16	59 1/16	24 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	496	589
129-600-T4-F2	24"	600	24	1112	600	16540	59 1/8	78 3/4	24 5/16	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	747	886
129-600-T4-G1	24"	600	24	1112	600	24080	40 9/16	59 1/16	24 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	664	794
129-600-T4-G2	24"	600	24	1112	600	24080	59 1/8	78 3/4	24 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	794	933
129-600-T4-H1	24"	600	24	1112	600	32980	40 15/16	59 1/16	24 5/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	756	886
129-600-T4-H2	24"	600	24	1112	600	32980	59 1/8	78 3/4	24 5/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1078	1268
129-600-T4-I1	24"	600	24	1112	600	43300	41 5/16	59 1/16	24 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	999	1171
129-600-T4-I2	24"	600	24	1112	600	43300	59 1/8	78 3/4	24 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1171	1360
129-600-T4-J1	24"	600	24	1112	600	59780	42 1/8	59 1/16									

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

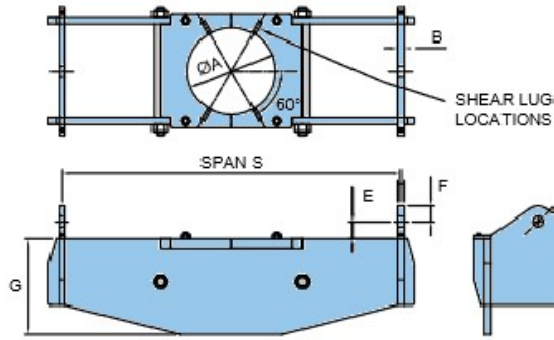
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C											lbs	lbs
129-600-T4-K1	24"	600	24	1112	600	78920	42 1/2	59 1/16	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1314	1521
129-600-T4-K2	24"	600	24	1112	600	78920	59 1/8	78 3/4	24 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1781	2092
129-600-T4-L1	24"	600	24	1112	600	100260	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	1656	1905
129-600-T4-L2	24"	600	24	1112	600	100260	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2200	2586
129-600-T4-M1	24"	600	24	1112	600	126100	43 5/16	59 1/16	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/2	9% Cr Steel	1689	1942
129-600-T4-M2	24"	600	24	1112	600	126100	59 1/8	78 3/4	24 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2238	2623
129-650-T4-C1	26"	650	26	1112	600	4580	42 1/8	59 1/16	26 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	212	240
129-650-T4-C2	26"	650	26	1112	600	4580	59 1/8	78 3/4	26 3/8	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	340	399
129-650-T4-D1	26"	650	26	1112	600	7180	42 1/2	59 1/16	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	324	375
129-650-T4-D2	26"	650	26	1112	600	7180	59 1/8	78 3/4	26 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	375	437
129-650-T4-E1	26"	650	26	1112	600	10400	42 1/2	59 1/16	26 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	351	403
129-650-T4-E2	26"	650	26	1112	600	10400	59 1/8	78 3/4	26 3/8	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	531	626
129-650-T4-F1	26"	650	26	1112	600	16540	42 15/16	59 1/16	26 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	540	619
129-650-T4-F2	26"	650	26	1112	600	16540	59 1/8	78 3/4	26 3/8	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	780	917
129-650-T4-G1	26"	650	26	1112	600	24080	43 5/16	59 1/16	26 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	721	831
129-650-T4-G2	26"	650	26	1112	600	24080	59 1/8	78 3/4	26 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	833	970
129-650-T4-H1	26"	650	26	1112	600	32980	43 11/16	59 1/16	26 3/8	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	822	933
129-650-T4-H2	26"	650	26	1112	600	32980	59 1/8	78 3/4	26 3/8	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1127	1316
129-650-T4-I1	26"	650	26	1112	600	43300	44 1/2	59 1/16	26 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1085	1226
129-650-T4-I2	26"	650	26	1112	600	43300	59 1/8	78 3/4	26 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1226	1415
129-650-T4-J1	26"	650	26	1112	600	59780	44 7/8	59 1/16	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	15 3/16	9% Cr Steel	1151	1287
129-650-T4-J2	26"	650	26	1112	600	59780	59 1/8	78 3/4	26 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1517	1764
129-650-T4-K1	26"	650	26	1112	600	78920	45 1/4	59 1/16	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1418	1592
129-650-T4-K2	26"	650	26	1112	600	78920	59 1/8	78 3/4	26 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1854	2165
129-650-T4-L1	26"	650	26	1112	600	100260	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	1781	1989
129-650-T4-L2	26"	650	26	1112	600	100260	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2286	2672
129-650-T4-M1	26"	650	26	1112	600	126100	46 1/16	59 1/16	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 1/2	9% Cr Steel	1821	2028
129-650-T4-M2	26"	650	26	1112	600	126100	59 1/8	78 3/4	26 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2328	2714
129-700-T4-C1	28"	700	28	1112	600	4580	44 7/8	59 1/16	28 3/8	1/2	1 1/16	3 1/8	1 3/8	6 5/16	9% Cr Steel	229	254
129-700-T4-C2	28"	700	28	1112	600	4580	59 1/8	78 3/4	28 3/8	1/2	1 1/16	3 1/8	1 3/8	8 1/4	9% Cr Steel	355	414
129-700-T4-D1	28"	700	28	1112	600	7180	45 1/4	59 1/16	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	351	392
129-700-T4-D2	28"	700	28	1112	600	7180	59 1/8	78 3/4	28 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	392	454
129-700-T4-E1	28"	700	28	1112	600	10400	45 1/4	59 1/16	28 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	381	425
129-700-T4-E2	28"	700	28	1112	600	10400	59 1/8	78 3/4	28 3/8	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	556	650
129-700-T4-F1	28"	700	28	1112	600	16540	45 11/16	59 1/16	28 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	586	650
129-700-T4-F2	28"	700	28	1112	600	16540	59 1/8	78 3/4	28 3/8	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	813	950
129-700-T4-G1	28"	700	28	1112	600	24080	46 7/16	59 1/16	28 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	783	871
129-700-T4-G2	28"	700	28	1112	600	24080	59 1/8	78 3/4	28 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	871	1010
129-700-T4-H1	28"	700	28	1112	600	32980	46 7/16	59 1/16	28 3/8	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	891	979
129-700-T4-H2	28"	700	28	1112	600	32980	59 1/8	78 3/4	28 3/8	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1177	1367
129-700-T4-I1	28"	700	28	1112	600	43300	47 1/4	59 1/16	28 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1168	1281
129-700-T4-I2	28"	700	28	1112	600	43300	59 1/8	78 3/4	28 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1283	1470
129-700-T4-J1	28"	700	28	1112	600	59780	48 1/16	59 1/16	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	15 3/16	9% Cr Steel	1243	1349
129-700-T4-J2	28"	700	28	1112	600	59780	59 1/8	78 3/4	28 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1583	1830
129-700-T4-K1	28"	700	28	1112	600	78920	48 1/16	59 1/16	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1523	1662
129-700-T4-K2	28"	700	28	1112	600	78920	59 1/8	78 3/4	28 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	1929	2240
129-700-T4-L1	28"	700	28	1112	600	100260	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	1909	2072
129-700-T4-L2	28"	700	28	1112	600	100260	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2374	2760
129-700-T4-M1	28"	700	28	1112	600	126100	48 13/16	59 1/16	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 1/2	9% Cr Steel	1953	2116
129-700-T4-M2	28"	700	28	1112	600	126100	59 1/8	78 3/4	28 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2421	2806
129-750-T4-D1	30"	750	30	1112	600	7180	48 7/16	59 1/16	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	381	414
129-750-T4-D2	30"	750	30	1112	600	7180	59 1/8	78 3/4	30 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	414	474
129-750-T4-E1	30"	750	30	1112	600	10400	48 7/16	59 1/16	30 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	417	450
129-750-T4-E2	30"	750	30	1112	600	10400	59 1/8	78 3/4	30 7/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	582	677
129-750-T4-F1	30"	750	30	1112	600	16540	49 3/16	59 1/16	30 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	637	686
129-750-T4-F2	30"	750	30	1112	600	16540	59 1/8	78 3/4	30 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	686	783
129-750-T4-G1	30"	750	30	1112	600	24080	49 5/8	59 1/16	30 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	849	915
129-750-T4-G2	30"	750	30	1112	600	24080	59 1/8	78 3/4	30 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	915	1054
129-750-T4-H1	30"	750	30	1112	600	32980	49 5/8	59 1/16	30 7/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	966	1034
129-750-T4-H2	30"	750	30	1112	600	32980	59 1/8	78 3/4	30 7/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1232	1422

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

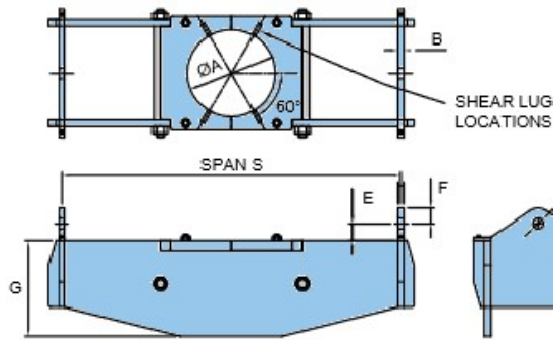
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	°F	°C	lbs	in	in	in	in	in	in	in	in		lbs	lbs
129-750-T4-I1	30"	750	30	1112	600	43300	50 3/8	59 1/16	30 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1261	1345
129-750-T4-I2	30"	750	30	1112	600	43300	59 1/8	78 3/4	30 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1345	1534
129-750-T4-J1	30"	750	30	1112	600	59780	51 3/16	59 1/16	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	15 3/16	9% Cr Steel	1345	1420
129-750-T4-J2	30"	750	30	1112	600	59780	59 1/8	78 3/4	30 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1656	1903
129-750-T4-K1	30"	750	30	1112	600	78920	51 3/16	59 1/16	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1640	1739
129-750-T4-K2	30"	750	30	1112	600	78920	59 1/8	78 3/4	30 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	2011	2321
129-750-T4-L1	30"	750	30	1112	600	100260	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	2059	2165
129-750-T4-L2	30"	750	30	1112	600	100260	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2471	2855
129-750-T4-M1	30"	750	30	1112	600	126100	52 3/8	59 1/16	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/2	9% Cr Steel	2108	2216
129-750-T4-M2	30"	750	30	1112	600	126100	59 1/8	78 3/4	30 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2522	2910
129-800-T4-D1	32"	800	32	1112	600	7180	51 3/16	59 1/16	32 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	410	434
129-800-T4-D2	32"	800	32	1112	600	7180	59 1/8	78 3/4	32 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	434	494
129-800-T4-E1	32"	800	32	1112	600	10400	51 3/16	59 1/16	32 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	448	472
129-800-T4-E2	32"	800	32	1112	600	10400	59 1/8	78 3/4	32 7/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	606	701
129-800-T4-F1	32"	800	32	1112	600	16540	51 15/16	59 1/16	32 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	686	719
129-800-T4-F2	32"	800	32	1112	600	16540	59 1/8	78 3/4	32 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	719	816
129-800-T4-G1	32"	800	32	1112	600	24080	52 3/8	59 1/16	32 7/16	13/16	2 1/16	5 7/8	3 3/8	10 13/16	9% Cr Steel	756	789
129-800-T4-G2	32"	800	32	1112	600	24080	59 1/8	78 3/4	32 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	957	1096
129-800-T4-H1	32"	800	32	1112	600	32980	52 3/8	59 1/16	32 7/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	1036	1082
129-800-T4-H2	32"	800	32	1112	600	32980	59 1/8	78 3/4	32 7/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1285	1475
129-800-T4-I1	32"	800	32	1112	600	43300	53 1/8	59 1/16	32 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1347	1404
129-800-T4-I2	32"	800	32	1112	600	43300	59 1/8	78 3/4	32 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1404	1594
129-800-T4-J1	32"	800	32	1112	600	59780	53 15/16	59 1/16	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	15 3/16	9% Cr Steel	1437	1486
129-800-T4-J2	32"	800	32	1112	600	59780	59 1/8	78 3/4	32 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1724	1971
129-800-T4-K1	32"	800	32	1112	600	78920	53 15/16	59 1/16	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1748	1812
129-800-T4-K2	32"	800	32	1112	600	78920	59 1/8	78 3/4	32 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	2088	2399
129-800-T4-L1	32"	800	32	1112	600	100260	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	2189	2253
129-800-T4-L2	32"	800	32	1112	600	100260	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2564	2948
129-800-T4-M1	32"	800	32	1112	600	126100	55 1/8	59 1/16	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 1/2	9% Cr Steel	2244	2308
129-800-T4-M2	32"	800	32	1112	600	126100	59 1/8	78 3/4	32 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2619	3007
129-850-T4-D1	34"	850	34	1112	600	7180	53 15/16	68 7/8	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	437	483
129-850-T4-D2	34"	850	34	1112	600	7180	68 15/16	88 9/16	34 5/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	483	545
129-850-T4-E1	34"	850	34	1112	600	10400	53 15/16	68 7/8	34 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	604	677
129-850-T4-E2	34"	850	34	1112	600	10400	68 15/16	88 9/16	34 5/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	677	772
129-850-T4-F1	34"	850	34	1112	600	16540	54 5/16	68 7/8	34 5/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	730	800
129-850-T4-F2	34"	850	34	1112	600	16540	68 15/16	88 9/16	34 5/16	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	990	1127
129-850-T4-G1	34"	850	34	1112	600	24080	55 1/8	68 7/8	34 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	970	1067
129-850-T4-G2	34"	850	34	1112	600	24080	68 15/16	88 9/16	34 5/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	1067	1206
129-850-T4-H1	34"	850	34	1112	600	32980	55 1/8	68 7/8	34 5/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	1105	1204
129-850-T4-H2	34"	850	34	1112	600	32980	68 15/16	88 9/16	34 5/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1433	1623
129-850-T4-I1	34"	850	34	1112	600	43300	55 7/8	68 7/8	34 5/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1433	1556
129-850-T4-I2	34"	850	34	1112	600	43300	68 15/16	88 9/16	34 5/16	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1825	2070
129-850-T4-J1	34"	850	34	1112	600	59780	56 11/16	68 7/8	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1761	1916
129-850-T4-J2	34"	850	34	1112	600	59780	68 15/16	88 9/16	34 5/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1916	2163
129-850-T4-K1	34"	850	34	1112	600	78920	56 11/16	68 7/8	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1856	2008
129-850-T4-K2	34"	850	34	1112	600	78920	68 15/16	88 9/16	34 5/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	2317	2628
129-850-T4-L1	34"	850	34	1112	600	100260	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	2313	2496
129-850-T4-L2	34"	850	34	1112	600	100260	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2846	3230
129-850-T4-M1	34"	850	34	1112	600	126100	57 1/2	68 7/8	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2683	2908
129-850-T4-M2	34"	850	34	1112	600	126100	68 15/16	88 9/16	34 5/16	1 9/16	3 3/8	9 7/16	4 3/4	25 3/8	9% Cr Steel	3704	4255
129-900-T4-D1	36"	900	36	1112	600	7180	56 11/16	68 7/8	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	467	505
129-900-T4-D2	36"	900	36	1112	600	7180	68 15/16	88 9/16	36 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	505	567
129-900-T4-E1	36"	900	36	1112	600	10400	56 11/16	68 7/8	36 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	514	551
129-900-T4-E2	36"	900	36	1112	600												

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 129



When ordering, specify:
Part Number
Span "S"

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

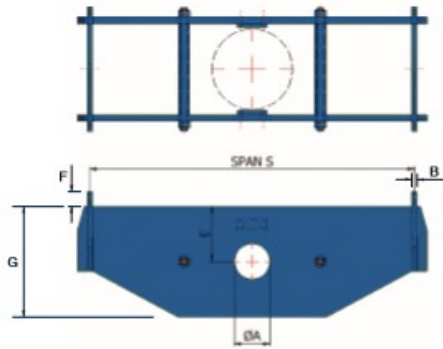
Note (1) Four shear lugs are to be welded to the pipe, positioned at 60 degrees to the clamp axis as shown.

Note (2) Where the clamp is used in a rigid support assembly (no springs) the clamp shall be selected to carry the load on either hanger rod. i.e. double the pipe load when selecting the riser clamp.

Part No.	Nominal Pipe Size		Pipe O/D	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm		°F	°C												
129-900-T4-I1	36"	900	36	1112	600	43300	58 11/16	68 7/8	36 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1523	1623
129-900-T4-I2	36"	900	36	1112	600	43300	68 15/16	88 9/16	36 7/16	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1894	2138
129-900-T4-J1	36"	900	36	1112	600	59780	59 7/16	68 7/8	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1874	1993
129-900-T4-J2	36"	900	36	1112	600	59780	68 15/16	88 9/16	36 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1993	2240
129-900-T4-K1	36"	900	36	1112	600	78920	59 13/16	68 7/8	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1978	2090
129-900-T4-K2	36"	900	36	1112	600	78920	68 15/16	88 9/16	36 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	2403	2714
129-900-T4-L1	36"	900	36	1112	600	100260	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	2460	2593
129-900-T4-L2	36"	900	36	1112	600	100260	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	2945	3331
129-900-T4-M1	36"	900	36	1112	600	126100	60 5/8	68 7/8	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	2851	3014
129-900-T4-M2	36"	900	36	1112	600	126100	68 15/16	88 9/16	36 7/16	1 9/16	3 3/8	9 7/16	4 3/4	25 3/8	9% Cr Steel	3821	4372
129-950-T4-D1	38"	950	38	1112	600	7180	59 7/16	68 7/8	38 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	498	527
129-950-T4-D2	38"	950	38	1112	600	7180	68 15/16	88 9/16	38 7/16	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	527	586
129-950-T4-E1	38"	950	38	1112	600	10400	59 7/16	68 7/8	38 7/16	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	549	578
129-950-T4-E2	38"	950	38	1112	600	10400	68 15/16	88 9/16	38 7/16	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	732	827
129-950-T4-F1	38"	950	38	1112	600	16540	60 1/4	68 7/8	38 7/16	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	831	873
129-950-T4-F2	38"	950	38	1112	600	16540	68 15/16	88 9/16	38 7/16	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	1067	1204
129-950-T4-G1	38"	950	38	1112	600	24080	60 5/8	68 7/8	38 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	1100	1157
129-950-T4-G2	38"	950	38	1112	600	24080	68 15/16	88 9/16	38 7/16	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	1157	1296
129-950-T4-H1	38"	950	38	1112	600	32980	61	68 7/8	38 7/16	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	1259	1314
129-950-T4-H2	38"	950	38	1112	600	32980	68 15/16	88 9/16	38 7/16	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1550	1737
129-950-T4-I1	38"	950	38	1112	600	43300	61 7/16	68 7/8	38 7/16	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1614	1687
129-950-T4-I2	38"	950	38	1112	600	43300	68 15/16	88 9/16	38 7/16	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	1960	2207
129-950-T4-J1	38"	950	38	1112	600	59780	62 3/16	68 7/8	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	1982	2066
129-950-T4-J2	38"	950	38	1112	600	59780	68 15/16	88 9/16	38 7/16	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	2066	2313
129-950-T4-K1	38"	950	38	1112	600	78920	62 5/8	68 7/8	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	2090	2169
129-950-T4-K2	38"	950	38	1112	600	78920	68 15/16	88 9/16	38 7/16	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	2485	2795
129-950-T4-L1	38"	950	38	1112	600	100260	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	2597	2685
129-950-T4-L2	38"	950	38	1112	600	100260	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	3042	3428
129-950-T4-M1	38"	950	38	1112	600	126100	63 3/8	68 7/8	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	3009	3117
129-950-T4-M2	38"	950	38	1112	600	126100	68 15/16	88 9/16	38 7/16	1 9/16	3 3/8	9 7/16	4 3/4	25 3/8	9% Cr Steel	3931	4482
129-1000-T4-D1	40"	1000	40	1112	600	7180	62 3/16	68 7/8	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	527	549
129-1000-T4-D2	40"	1000	40	1112	600	7180	68 15/16	88 9/16	40 3/8	9/16	1 5/16	3 9/16	1 3/4	8 3/8	9% Cr Steel	549	608
129-1000-T4-E1	40"	1000	40	1112	600	10400	62 3/16	68 7/8	40 3/8	9/16	1 9/16	4 5/16	2 9/16	8 7/16	9% Cr Steel	582	604
129-1000-T4-E2	40"	1000	40	1112	600	10400	68 15/16	88 9/16	40 3/8	9/16	1 9/16	4 5/16	2 9/16	10 7/16	9% Cr Steel	761	855
129-1000-T4-F1	40"	1000	40	1112	600	16540	63	68 7/8	40 3/8	13/16	1 3/4	5 1/8	2 3/4	10 5/8	9% Cr Steel	882	910
129-1000-T4-F2	40"	1000	40	1112	600	16540	68 15/16	88 9/16	40 3/8	13/16	1 3/4	5 1/8	2 3/4	12 5/8	9% Cr Steel	1107	1243
129-1000-T4-G1	40"	1000	40	1112	600	24080	63 3/8	68 7/8	40 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	1164	1204
129-1000-T4-G2	40"	1000	40	1112	600	24080	68 15/16	88 9/16	40 3/8	13/16	2 1/16	5 7/8	3 3/8	12 13/16	9% Cr Steel	1204	1343
129-1000-T4-H1	40"	1000	40	1112	600	32980	63 3/4	68 7/8	40 3/8	1	2 3/8	6 11/16	3 9/16	13	9% Cr Steel	1334	1371
129-1000-T4-H2	40"	1000	40	1112	600	32980	68 15/16	88 9/16	40 3/8	1	2 3/8	6 11/16	3 9/16	14 15/16	9% Cr Steel	1607	1797
129-1000-T4-I1	40"	1000	40	1112	600	43300	64 3/16	68 7/8	40 3/8	1 3/16	3	8 11/16	4 1/8	14 15/16	9% Cr Steel	1706	1750
129-1000-T4-I2	40"	1000	40	1112	600	43300	68 15/16	88 9/16	40 3/8	1 3/16	3	8 11/16	4 1/8	16 15/16	9% Cr Steel	2028	2273
129-1000-T4-J1	40"	1000	40	1112	600	59780	64 15/16	68 7/8	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	2092	2141
129-1000-T4-J2	40"	1000	40	1112	600	59780	68 15/16	88 9/16	40 3/8	1 3/16	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	2143	2390
129-1000-T4-K1	40"	1000	40	1112	600	78920	65 3/8	68 7/8	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	17 1/8	9% Cr Steel	2205	2249
129-1000-T4-K2	40"	1000	40	1112	600	78920	68 15/16	88 9/16	40 3/8	1 3/8	3 3/8	9 7/16	4 3/4	19 1/8	9% Cr Steel	2568	2879
129-1000-T4-L1	40"	1000	40	1112	600	100260	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	19 5/16	9% Cr Steel	2736	2780
129-1000-T4-L2	40"	1000	40	1112	600	100260	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 1/4	9% Cr Steel	3142	3527
129-1000-T4-M1	40"	1000	40	1112	600	126100	66 1/8	68 7/8	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	21 7/16	9% Cr Steel	3168	3223
129-1000-T4-M2	40"	1000	40	1112	600	126100	68 15/16	88 9/16	40 3/8	1 9/16	3 3/8	9 7/16	4 3/4	25 3/8	9% Cr Steel	4043	4597

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

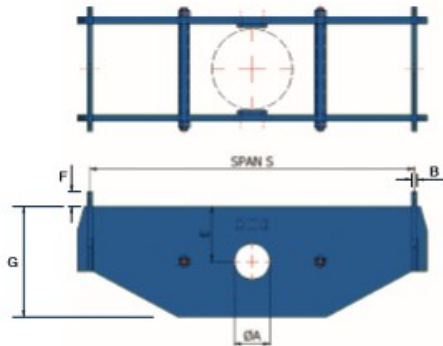
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-250-T0-B1	10"	250	10.75	3.5	3/8	750	400	2460	16 9/16	39 3/8	3 9/16	3/8	3/4	3 3/4	1	7 1/2	Carbon Steel	63.9	112
130-250-T0-B2	10"	250	10.75	3.5	3/8	750	400	2460	39 7/16	59 1/16	3 9/16	3/8	3/4	3 3/4	1	7 1/2	Carbon Steel	112	154
130-250-T0-C1	10"	250	10.75	3.5	3/8	750	400	4580	16 15/16	39 3/8	3 9/16	1/2	1 1/16	4 5/16	1 3/8	8 11/16	Carbon Steel	79.4	134
130-250-T0-C2	10"	250	10.75	3.5	3/8	750	400	4580	39 7/16	59 1/16	3 9/16	1/2	1 1/16	5 5/16	1 3/8	10 5/8	Carbon Steel	209	289
130-250-T0-D1	10"	250	10.75	3.5	3/8	750	400	7180	16 15/16	39 3/8	3 9/16	9/16	1 5/16	5 5/16	1 3/4	10 5/8	Carbon Steel	130	220
130-250-T0-D2	10"	250	10.75	3.5	3/8	750	400	7180	39 7/16	59 1/16	3 9/16	9/16	1 5/16	5 5/16	1 3/4	10 5/8	Carbon Steel	220	300
130-250-T0-E1	10"	250	10.75	3.5	3/8	750	400	10400	16 15/16	39 3/8	3 9/16	9/16	1 9/16	5 5/16	2 9/16	10 5/8	Carbon Steel	132	223
130-250-T0-E2	10"	250	10.75	3.5	3/8	750	400	10400	39 7/16	59 1/16	3 9/16	9/16	1 9/16	6 5/16	2 9/16	12 5/8	Carbon Steel	317	434
130-250-T0-F1	10"	250	10.75	3.5	3/8	750	400	16540	18 1/8	39 3/8	3 9/16	13/16	1 3/4	6 5/16	2 3/4	12 5/8	Carbon Steel	214	342
130-250-T0-F2	10"	250	10.75	3.5	3/8	750	400	16540	39 7/16	59 1/16	3 9/16	13/16	1 3/4	6 5/16	2 3/4	12 5/8	Carbon Steel	342	459
130-250-T0-G1	10"	250	10.75	3.5	1/2	750	400	24080	18 7/8	39 3/8	3 9/16	13/16	2 1/16	6 5/16	3 3/8	12 5/8	Carbon Steel	229	351
130-250-T0-G2	10"	250	10.75	3.5	1/2	750	400	24080	39 7/16	59 1/16	3 9/16	13/16	2 1/16	7 5/16	3 3/8	14 9/16	Carbon Steel	465	628
130-250-T0-H1	10"	250	10.75	3.5	9/16	750	400	32980	19 5/16	39 3/8	3 9/16	1	2 3/8	7 5/16	3 9/16	14 9/16	Carbon Steel	331	498
130-250-T0-H2	10"	250	10.75	3.5	9/16	750	400	32980	39 7/16	59 1/16	3 9/16	1	2 3/8	8 1/4	3 9/16	16 9/16	Carbon Steel	635	851
130-300-T0-B1	12"	300	12.75	4.5	3/8	750	400	2460	18 7/8	39 3/8	4 5/8	3/8	3/4	4 1/8	1	8 1/4	Carbon Steel	77.2	126
130-300-T0-B2	12"	300	12.75	4.5	3/8	750	400	2460	39 7/16	59 1/16	4 5/8	3/8	3/4	4 1/8	1	8 1/4	Carbon Steel	126	172
130-300-T0-C1	12"	300	12.75	4.5	3/8	750	400	4580	18 7/8	39 3/8	4 5/8	1/2	1 1/16	4 3/4	1 3/8	9 7/16	Carbon Steel	94.8	150
130-300-T0-C2	12"	300	12.75	4.5	3/8	750	400	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	Carbon Steel	227	313
130-300-T0-D1	12"	300	12.75	4.5	3/8	750	400	7180	18 7/8	39 3/8	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	Carbon Steel	154	243
130-300-T0-D2	12"	300	12.75	4.5	3/8	750	400	7180	39 7/16	59 1/16	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	Carbon Steel	243	326
130-300-T0-E1	12"	300	12.75	4.5	3/8	750	400	10400	18 7/8	39 3/8	4 5/8	9/16	1 9/16	5 11/16	2 9/16	11 7/16	Carbon Steel	157	247
130-300-T0-E2	12"	300	12.75	4.5	3/8	750	400	10400	39 7/16	59 1/16	4 5/8	9/16	1 9/16	6 11/16	2 9/16	13 3/8	Carbon Steel	344	467
130-300-T0-F1	12"	300	12.75	4.5	3/8	750	400	16540	20 1/16	39 3/8	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	Carbon Steel	251	373
130-300-T0-F2	12"	300	12.75	4.5	3/8	750	400	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	Carbon Steel	373	498
130-300-T0-G1	12"	300	12.75	4.5	1/2	750	400	24080	20 7/8	39 3/8	4 5/8	13/16	2 1/16	6 11/16	3 3/8	13 3/8	Carbon Steel	265	384
130-300-T0-G2	12"	300	12.75	4.5	1/2	750	400	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	Carbon Steel	503	675
130-300-T0-H1	12"	300	12.75	4.5	9/16	750	400	32980	21 1/4	39 3/8	4 5/8	1	2 3/8</						

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

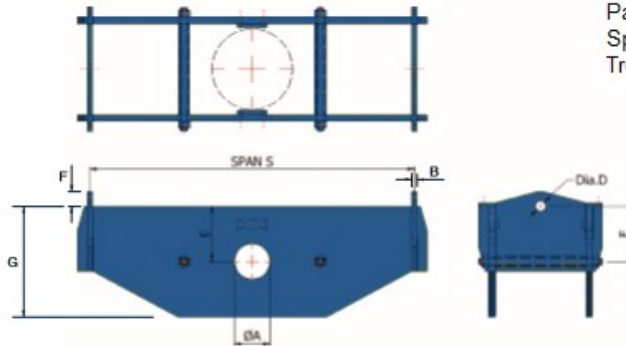
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				in	in												
130-400-T0-H1	16"	400	16	5.56	9/16	750	400	32980	24 7/16	59 1/16	5 11/16	1	2 3/8	9 1/16	3 9/16	18 1/8	Carbon Steel	564	981
130-400-T0-H2	16"	400	16	5.56	9/16	750	400	32980	59 1/8	78 3/4	5 11/16	1	2 3/8	9 1/16	3 9/16	18 1/8	Carbon Steel	981	1217
130-400-T0-I1	16"	400	16	5.56	13/16	750	400	43300	25 9/16	59 1/16	5 11/16	1 3/16	3	9 1/16	4 1/8	18 1/8	Carbon Steel	644	1045
130-400-T0-I2	16"	400	16	5.56	13/16	750	400	43300	59 1/8	78 3/4	5 11/16	1 3/16	3	10 1/16	4 1/8	20 1/16	Carbon Steel	1285	1583
130-400-T0-J1	16"	400	16	5.56	13/16	750	400	59780	27 3/16	59 1/16	5 11/16	1 3/16	3 3/8	10 1/16	4 3/4	20 1/16	Carbon Steel	816	1301
130-400-T0-J2	16"	400	16	5.56	13/16	750	400	59780	59 1/8	78 3/4	5 11/16	1 3/16	3 3/8	11	4 3/4	22 1/16	Carbon Steel	1567	1936
130-400-T0-K1	16"	400	16	5.56	1	750	400	78920	27 3/16	59 1/16	5 11/16	1 3/8	3 3/8	11	4 3/4	22 1/16	Carbon Steel	1041	1640
130-400-T0-K2	16"	400	16	5.56	1	750	400	78920	59 1/8	78 3/4	5 11/16	1 3/8	3 3/8	11	4 3/4	22 1/16	Carbon Steel	1642	2011
130-450-T0-B1	18"	450	18	5.56	3/8	750	400	2460	24	59 1/16	5 11/16	3/8	3/4	4 1/2	1	9 1/16	Carbon Steel	108	198
130-450-T0-B2	18"	450	18	5.56	3/8	750	400	2460	59 1/8	78 3/4	5 11/16	3/8	3/4	5 1/8	1	10 1/4	Carbon Steel	223	280
130-450-T0-C1	18"	450	18	5.56	3/8	750	400	4580	24	59 1/16	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	Carbon Steel	190	351
130-450-T0-C2	18"	450	18	5.56	3/8	750	400	4580	59 1/8	78 3/4	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	Carbon Steel	351	443
130-450-T0-D1	18"	450	18	5.56	3/8	750	400	7180	24 7/16	59 1/16	5 11/16	9/16	1 5/16	6 1/8	1 3/4	12 3/16	Carbon Steel	209	370
130-450-T0-D2	18"	450	18	5.56	3/8	750	400	7180	59 1/8	78 3/4	5 11/16	9/16	1 5/16	7 1/16	1 3/4	14 3/16	Carbon Steel	516	648
130-450-T0-E1	18"	450	18	5.56	3/8	750	400	10400	24 7/16	59 1/16	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	Carbon Steel	287	520
130-450-T0-E2	18"	450	18	5.56	3/8	750	400	10400	59 1/8	78 3/4	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	Carbon Steel	520	653
130-450-T0-F1	18"	450	18	5.56	3/8	750	400	16540	25 3/16	59 1/16	5 11/16	13/16	1 3/4	7 1/16	2 3/4	14 3/16	Carbon Steel	333	560
130-450-T0-F2	18"	450	18	5.56	3/8	750	400	16540	59 1/8	78 3/4	5 11/16	13/16	1 3/4	8 1/16	2 3/4	16 1/8	Carbon Steel	736	917
130-450-T0-G1	18"	450	18	5.56	1/2	750	400	24080	26 3/8	59 1/16	5 11/16	13/16	2 1/16	8 1/16	3 3/8	16 1/8	Carbon Steel	448	750
130-450-T0-G2	18"	450	18	5.56	1/2	750	400	24080	59 1/8	78 3/4	5 11/16	13/16	2 1/16	8 1/16	3 3/8	16 1/8	Carbon Steel	750	930
130-450-T0-H1	18"	450	18	5.56	9/16	750	400	32980	26 3/8	59 1/16	5 11/16	1	2 3/8	9 1/16	3 9/16	18 1			

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

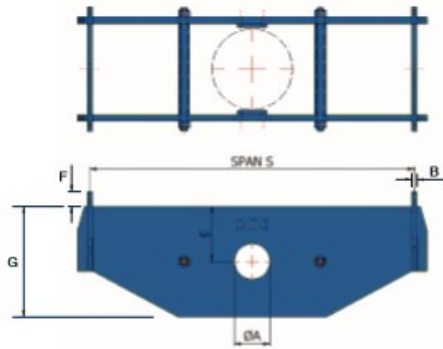
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				in	in											in	°F
130-550-T0-F1	22"	550	22	6.63	3/8	750	400	16540	29 1/2	59 1/16	6 3/4	13/16	1 3/4	7 1/2	2 3/4	14 15/16	Carbon Steel	406	615
130-550-T0-F2	22"	550	22	6.63	3/8	750	400	16540	59 1/8	78 3/4	6 3/4	13/16	1 3/4	8 7/16	2 3/4	16 15/16	Carbon Steel	800	990
130-550-T0-G1	22"	550	22	6.63	1/2	750	400	24080	30 5/16	59 1/16	6 3/4	13/16	2 1/16	8 7/16	3 3/8	16 15/16	Carbon Steel	536	813
130-550-T0-G2	22"	550	22	6.63	1/2	750	400	24080	59 1/8	78 3/4	6 3/4	13/16	2 1/16	8 7/16	3 3/8	16 15/16	Carbon Steel	813	1003
130-550-T0-H1	22"	550	22	6.63	9/16	750	400	32980	30 11/16	59 1/16	6 3/4	1	2 3/8	9 7/16	3 9/16	18 7/8	Carbon Steel	732	1089
130-550-T0-H2	22"	550	22	6.63	9/16	750	400	32980	59 1/8	78 3/4	6 3/4	1	2 3/8	9 7/16	3 9/16	18 7/8	Carbon Steel	1089	1336
130-550-T0-I1	22"	550	22	6.63	13/16	750	400	43300	31 1/2	59 1/16	6 3/4	1 3/16	3	9 7/16	4 1/8	18 7/8	Carbon Steel	825	1171
130-550-T0-I2	22"	550	22	6.63	13/16	750	400	43300	59 1/8	78 3/4	6 3/4	1 3/16	3	10 7/16	4 1/8	20 7/8	Carbon Steel	1422	1733
130-550-T0-J1	22"	550	22	6.63	13/16	750	400	59780	33 1/16	59 1/16	6 3/4	1 3/16	3 3/8	10 7/16	4 3/4	20 7/8	Carbon Steel	1032	1442
130-550-T0-J2	22"	550	22	6.63	13/16	750	400	59780	59 1/8	78 3/4	6 3/4	1 3/16	3 3/8	11 7/16	4 3/4	22 13/16	Carbon Steel	1722	2105
130-550-T0-K1	22"	550	22	6.63	1	750	400	78920	33 7/16	59 1/16	6 3/4	1 3/8	3 3/8	11 7/16	4 3/4	22 13/16	Carbon Steel	1314	1812
130-550-T0-K2	22"	550	22	6.63	1	750	400	78920	59 1/8	78 3/4	6 3/4	1 3/8	3 3/8	11 7/16	4 3/4	22 13/16	Carbon Steel	1812	2196
130-550-T0-L1	22"	550	22	6.63	1	750	400	100260	35 1/16	59 1/16	6 3/4	1 9/16	3 3/8	11 7/16	4 3/4	22 13/16	Carbon Steel	1440	1907
130-550-T0-L2	22"	550	22	6.63	1	750	400	100260	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	Carbon Steel	2231	2694
130-550-T0-M1	22"	550	22	6.63	1	750	400	126100	35 1/16	59 1/16	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	Carbon Steel	1664	2231
130-550-T0-M2	22"	550	22	6.63	1	750	400	126100	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	Carbon Steel	2961	3602
130-600-T0-C1	24"	600	24	8.63	3/8	750	400	4580	30 5/16	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Carbon Steel	271	430
130-600-T0-C2	24"	600	24	8.63	3/8	750	400	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Carbon Steel	430	538
130-600-T0-D1	24"	600	24	8.63	3/8	750	400	7180	30 5/16	59 1/16	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	Carbon Steel	298	456
130-600-T0-D2	24"	600	24	8.63	3/8	750	400	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Carbon Steel	617	772
130-600-T0-E1	24"	60																	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

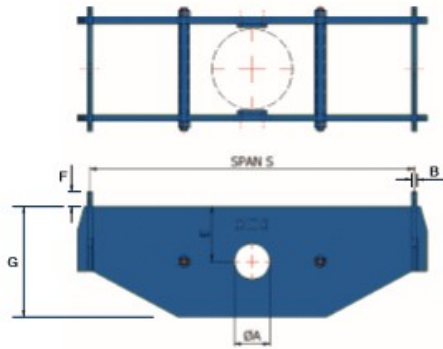
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in								lbs	lbs
130-700-T0-C1	28"	700	28	8.63	3/8	750	400	4580	34 1/4	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Carbon Steel	309	448
130-700-T0-C2	28"	700	28	8.63	3/8	750	400	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Carbon Steel	448	556
130-700-T0-D1	28"	700	28	8.63	3/8	750	400	7180	34 1/4	59 1/16	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	Carbon Steel	342	478
130-700-T0-D2	28"	700	28	8.63	3/8	750	400	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Carbon Steel	644	798
130-700-T0-E1	28"	700	28	8.63	3/8	750	400	10400	34 1/4	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Carbon Steel	456	650
130-700-T0-E2	28"	700	28	8.63	3/8	750	400	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Carbon Steel	653	805
130-700-T0-F1	28"	700	28	8.63	3/8	750	400	16540	35 7/16	59 1/16	8 3/4	13/16	1 3/4	8 1/4	2 3/4	16 9/16	Carbon Steel	529	714
130-700-T0-F2	28"	700	28	8.63	3/8	750	400	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	Carbon Steel	913	1120
130-700-T0-G1	28"	700	28	8.63	1/2	750	400	24080	36 5/8	59 1/16	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	Carbon Steel	692	930
130-700-T0-G2	28"	700	28	8.63	1/2	750	400	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	Carbon Steel	930	1138
130-700-T0-H1	28"	700	28	8.63	9/16	750	400	32980	36 5/8	59 1/16	8 3/4	1	2 3/8	10 1/4	3 9/16	20 1/2	Carbon Steel	930	1237
130-700-T0-H2	28"	700	28	8.63	9/16	750	400	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	10 1/4	3 9/16	20 1/2	Carbon Steel	1237	1504
130-700-T0-I1	28"	700	28	8.63	13/16	750	400	43300	37 13/16	59 1/16	8 3/4	1 3/16	3	10 1/4	4 1/8	20 1/2	Carbon Steel	1049	1338
130-700-T0-I2	28"	700	28	8.63	13/16	750	400	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	Carbon Steel	1607	1942
130-700-T0-J1	28"	700	28	8.63	13/16	750	400	59780	39 3/8	59 1/16	8 3/4	1 3/16	3 3/8	11 1/4	4 3/4	22 7/16	Carbon Steel	1296	1631
130-700-T0-J2	28"	700	28	8.63	13/16	750	400	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	12 3/16	4 3/4	24 7/16	Carbon Steel	1929	2339
130-700-T0-K1	28"	700	28	8.63	1	750	400	78920	39 3/8	59 1/16	8 3/4	1 3/8	3 3/8	12 3/16	4 3/4	24 7/16	Carbon Steel	1629	2039
130-700-T0-K2	28"	700	28	8.63	1	750	400	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	12 3/16	4 3/4	24 7/16	Carbon Steel	2041	2449
130-700-T0-L1	28"	700	28	8.63	1	750	400	100260	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	12 3/16	4 3/4	24 7/16	Carbon Steel	1779	2158
130-700-T0-L2	28"	700	28	8.63	1	750	400	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	13 3/16	4 3/4	26 3/8	Carbon Steel	2500	2994
130-700-T0-M1	28"	700	28	8.63	1	750	400	126100	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	13 3/16	4 3/4	26 3/8	Carbon Steel	2046	2500
130-700-T0-M2	28"	700	28	8.63	1	750	400	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Carbon Steel	3272	3951
130-750-T0-D1	30"	750	30	10.75	3/8	750	400	7180	36 1/4	59 1/16	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Carbon Steel	386	527
130-750-T0-D2	30"	750	30	10.75	3/8	750	400	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Carbon Steel	701	869
130-750-T0-E1	30"	750	30	10.75	3/8	750	400	10400	36 1/4	59 1/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	511	708
130-750-T0-E2	30"	750	30	10.75	3/8	750	400	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	710	877
130-750-T0-F1	30"	750	30	10.75	3/8	750	400	16540	37 3/8	59 1/16	10 15/16	13/16	1 3/4	9 1/16	2 3/4	18 1/8	Carbon Steel	593	780
130-750-T0-F2	30"	750	30	10.75	3/8	750	400	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Carbon Steel	988	1213
130-750-T0-G1	30"	750	30	10.75	1/2	750	400	24080	38 9/16	59 1/16	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Carbon Steel	772	1005
130-750-T0-G2	30"	750	30	10.75	1/2	750	400	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Carbon Steel	1005	1230
130-750-T0-H1	30"	750	30	10.75	9/16	750	400	32980	38 9/16	59 1/16	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1032	1332
130-750-T0-H2	30"	750	30	10.75	9/16	750	400	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1332	1618
130-750-T0-I1	30"	750	30	10.75	13/16	750	400	43300	39 3/4	59 1/16	10 15/16	1 3/16	3	11	4 1/8	22 1/16	Carbon Steel	1162	1444
130-750-T0-I2	30"	750	30	10.75	13/16	750	400	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	12	4 1/8	24	Carbon Steel	1722	2081
130-750-T0-J1	30"	750	30	10.75	13/16	750	400	59780	41 5/16	59 1/16	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Carbon Steel	1426	1748
130-750-T0-J2	30"	750	30	10.75	13/16	750	400	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Carbon Steel	2057	2493
130-750-T0-K1	30"	750	30	10.75	1	750	400	78920	41 5/16	59 1/16	10 15/16	1 3/8	3 3/8	13	4 3/4	26	Carbon Steel	1786	2178
130-750-T0-K2	30"	750	30	10.75	1	750	400	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	13	4 3/4	26	Carbon Steel	2178	2615
130-750-T0-L1	30"	750	30	10.75	1	750	400	100260	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	13	4 3/4	26	Carbon Steel	1949	2308
130-750-T0-L2	30"	750	30	10.75	1	750	400	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2663	3183
130-750-T0-M1	30"	750	30	10.75	1	750	400	126100	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2233	2661
130-750-T0-M2	30"	750	30	10.75	1	750	400	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Carbon Steel	3457	4169
130-800-T0-D1	32"	800	32	10.75	3/8	750	400	7180	38 9/16	59 1/16	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Carbon Steel	412	538
130-800-T0-D2	32"	800	32	10.75	3/8	750	400	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Carbon Steel	714	882
130-800-T0-E1	32"	800	32	10.75	3/8	750	400	10400	38 9/16	59 1/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	547	723
130-800-T0-E2	32"	800	32	10.75	3/8	750	400	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	723	891
130-800-T0-F1	32"	800	32	10.75	3/8	750	400	16540	39 3/8	59 1/16	10 15/16	13/16	1 3/4	9 1/16	2 3/4	18 1/8	Carbon Steel	628	798
130-800-T0-F2	32"	800	32	10.75	3/8	750	400	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Carbon Steel	1008	1232
130-800-T0-G1	32"	800	32	10.75	1/2	750	400	24080	40 9/16	59 1/16	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Carbon Steel	816	1025
130-800-T0-G2	32"	800	32	10.75	1/2	750	400	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Carbon Steel	1027	1252
130-800-T0-H1	32"	800	32	10.75	9/16	750	400	32980	40 9/16	59 1/16	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1087	1358
130-800-T0-H2	32"	800	32	10.75	9/16	750	400	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1360	1647
130-800-T0-I1	32"	800	32	10.75	13/16	750	400	43300	41 3/4	59 1/16	10 15/16	1 3/16	3	11	4 1/8	22 1/16	Carbon Steel	1224	1477
130-800-T0-I2	32"	800	32	10.75	13/16	750	400	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	12	4 1/8	24	Carbon Steel	1759	2116
130-800-T0-J1	32"	800	32	10.75	13/16	750	400	59780	43 5/16	59 1/16	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Carbon Steel	1499	1788
130-800-T0-J2	32"	800	32	10.75	13/16	750	400	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Carbon Steel	2099	2533
130-800-T0-K1	32"	800	32	10.75	1	750	400	78920	43 5/16	59 1/16	10 15/16	1 3/8	3 3/8	13	4 3/4	26	Carbon Steel	1874	2224

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

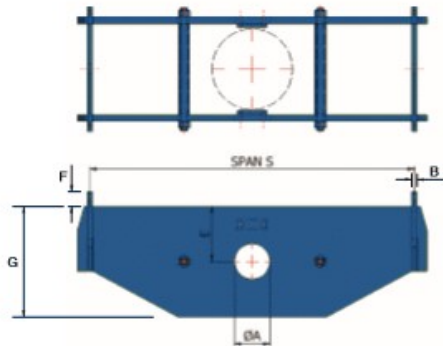
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	in	in	°F	°C	lbs	in	in	in	in	in	in	in	in		lbs	lbs
130-800-T0-M1	32"	800	32	10.75	1	750	400	126100	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2341	2718
130-800-T0-M2	32"	800	32	10.75	1	750	400	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Carbon Steel	3521	4235
130-850-T0-D1	34"	850	34	10.75	3/8	750	400	7180	40 3/16	68 7/8	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Carbon Steel	434	611
130-850-T0-D2	34"	850	34	10.75	3/8	750	400	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Carbon Steel	811	979
130-850-T0-E1	34"	850	34	10.75	3/8	750	400	10400	40 3/16	68 7/8	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	573	820
130-850-T0-E2	34"	850	34	10.75	3/8	750	400	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	820	990
130-850-T0-F1	34"	850	34	10.75	3/8	750	400	16540	41 5/16	68 7/8	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Carbon Steel	825	1138
130-850-T0-F2	34"	850	34	10.75	3/8	750	400	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Carbon Steel	1140	1365
130-850-T0-G1	34"	850	34	10.75	1/2	750	400	24080	42 1/2	68 7/8	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Carbon Steel	858	1160
130-850-T0-G2	34"	850	34	10.75	1/2	750	400	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Carbon Steel	1429	1717
130-850-T0-H1	34"	850	34	10.75	9/16	750	400	32980	42 1/2	68 7/8	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1142	1530
130-850-T0-H2	34"	850	34	10.75	9/16	750	400	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1530	1817
130-850-T0-I1	34"	850	34	10.75	13/16	750	400	43300	43 11/16	68 7/8	10 15/16	1 3/16	3	11	4 1/8	22 1/16	Carbon Steel	1283	1653
130-850-T0-I2	34"	850	34	10.75	13/16	750	400	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	12	4 1/8	24	Carbon Steel	1973	2330
130-850-T0-J1	34"	850	34	10.75	13/16	750	400	59780	45 1/4	68 7/8	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Carbon Steel	1572	2002
130-850-T0-J2	34"	850	34	10.75	13/16	750	400	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Carbon Steel	2355	2791
130-850-T0-K1	34"	850	34	10.75	1	750	400	78920	45 1/4	68 7/8	10 15/16	1 3/8	3 3/8	13	4 3/4	26	Carbon Steel	1962	2487
130-850-T0-K2	34"	850	34	10.75	1	750	400	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2881	3402
130-850-T0-L1	34"	850	34	10.75	1	750	400	100260	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2447	3034
130-850-T0-L2	34"	850	34	10.75	1	750	400	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8			

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

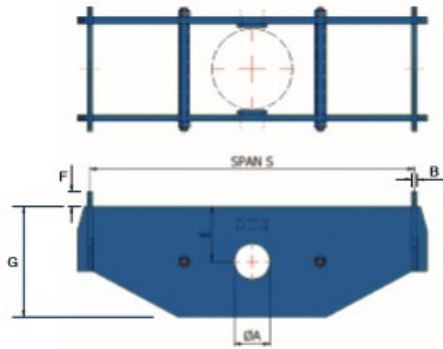
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-950-T0-M1	38"	950	38	10.75	1	750	400	126100	51 3/16	68 7/8	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2676	3148
130-950-T0-M2	38"	950	38	10.75	1	750	400	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Carbon Steel	4072	4786
130-1000-T0-D1	40"	1000	40	10.75	3/8	750	400	7180	46 7/16	68 7/8	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Carbon Steel	507	646
130-1000-T0-D2	40"	1000	40	10.75	3/8	750	400	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Carbon Steel	851	1021
130-1000-T0-E1	40"	1000	40	10.75	3/8	750	400	10400	46 7/16	68 7/8	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	670	862
130-1000-T0-E2	40"	1000	40	10.75	3/8	750	400	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Carbon Steel	862	1032
130-1000-T0-F1	40"	1000	40	10.75	3/8	750	400	16540	47 5/8	68 7/8	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Carbon Steel	957	1199
130-1000-T0-F2	40"	1000	40	10.75	3/8	750	400	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Carbon Steel	1199	1424
130-1000-T0-G1	40"	1000	40	10.75	1/2	750	400	24080	48 7/16	68 7/8	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Carbon Steel	988	1221
130-1000-T0-G2	40"	1000	40	10.75	1/2	750	400	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Carbon Steel	1499	1788
130-1000-T0-H1	40"	1000	40	10.75	9/16	750	400	32980	48 13/16	68 7/8	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1321	1614
130-1000-T0-H2	40"	1000	40	10.75	9/16	750	400	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Carbon Steel	1614	1903
130-1000-T0-I1	40"	1000	40	10.75	13/16	750	400	43300	49 5/8	68 7/8	10 15/16	1 3/16	3	11	4 1/8	22 1/16	Carbon Steel	1470	1753
130-1000-T0-I2	40"	1000	40	10.75	13/16	750	400	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	12	4 1/8	24	Carbon Steel	2083	2440
130-1000-T0-J1	40"	1000	40	10.75	13/16	750	400	59780	51 3/16	68 7/8	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Carbon Steel	1792	2116
130-1000-T0-J2	40"	1000	40	10.75	13/16	750	400	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Carbon Steel	2478	2914
130-1000-T0-K1	40"	1000	40	10.75	1	750	400	78920	51 9/16	68 7/8	10 15/16	1 3/8	3 3/8	13	4 3/4	26	Carbon Steel	2242	2626
130-1000-T0-K2	40"	1000	40	10.75	1	750	400	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Carbon Steel	3031	3554
130-1000-T0-L1	40"	1000	40	10.75	1	750	400	100260	53 1/8	68 7/8	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Carbon Steel	2784	3203
130-1000-T0-L2	40"	1000	40	10.75	1	750	400	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8						

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

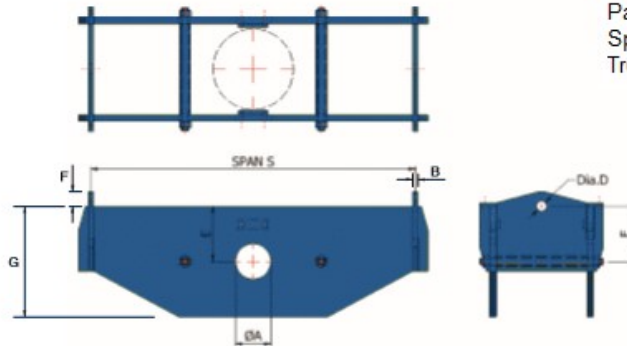
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				in	in											in	°F
130-350-T1-F1	14"	350	14	4.5	3/8	842	450	16540	21 1/4	39 3/8	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	Alloy Steel	267	381
130-350-T1-F2	14"	350	14	4.5	3/8	842	450	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	Alloy Steel	381	507
130-350-T1-G1	14"	350	14	4.5	1/2	842	450	24080	22 7/16	39 3/8	4 5/8	13/16	2 1/16	6 11/16	3 3/8	13 3/8	Alloy Steel	284	392
130-350-T1-G2	14"	350	14	4.5	1/2	842	450	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	Alloy Steel	514	686
130-350-T1-H1	14"	350	14	4.5	9/16	842	450	32980	22 7/16	39 3/8	4 5/8	1	2 3/8	7 11/16	3 9/16	15 3/8	Alloy Steel	403	553
130-350-T1-H2	14"	350	14	4.5	9/16	842	450	32980	39 7/16	59 1/16	4 5/8	1	2 3/8	7 11/16	3 9/16	15 3/8	Alloy Steel	553	725
130-350-T1-I1	14"	350	14	4.5	13/16	842	450	43300	23 5/8	39 3/8	4 5/8	1 3/16	3	7 11/16	4 1/8	15 3/8	Alloy Steel	467	604
130-350-T1-I2	14"	350	14	4.5	13/16	842	450	43300	39 7/16	59 1/16	4 5/8	1 3/16	3	8 11/16	4 1/8	17 5/16	Alloy Steel	756	983
130-350-T1-J1	14"	350	14	4.5	13/16	842	450	59780	25 3/16	39 3/8	4 5/8	1 3/16	3 3/8	8 11/16	4 3/4	17 5/16	Alloy Steel	608	769
130-350-T1-J2	14"	350	14	4.5	13/16	842	450	59780	39 7/16	59 1/16	4 5/8	1 3/16	3 3/8	9 5/8	4 3/4	19 5/16	Alloy Steel	941	1228
130-400-T1-B1	16"	400	16	5.56	3/8	842	450	2460	22 1/16	59 1/16	5 11/16	3/8	3/4	4 1/2	1	9 1/16	Alloy Steel	97	192
130-400-T1-B2	16"	400	16	5.56	3/8	842	450	2460	59 1/8	78 3/4	5 11/16	3/8	3/4	5 1/8	1	10 1/4	Alloy Steel	218	276
130-400-T1-C1	16"	400	16	5.56	3/8	842	450	4580	22 1/16	59 1/16	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	Alloy Steel	172	344
130-400-T1-C2	16"	400	16	5.56	3/8	842	450	4580	59 1/8	78 3/4	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	Alloy Steel	344	434
130-400-T1-D1	16"	400	16	5.56	3/8	842	450	7180	22 1/16	59 1/16	5 11/16	9/16	1 5/16	6 1/8	1 3/4	12 3/16	Alloy Steel	190	362
130-400-T1-D2	16"	400	16	5.56	3/8	842	450	7180	59 1/8	78 3/4	5 11/16	9/16	1 5/16	6 1/8	1 3/4	12 3/16	Alloy Steel	362	452
130-400-T1-E1	16"	400	16	5.56	3/8	842	450	10400	22 1/16	59 1/16	5 11/16	9/16	1 9/16	6 1/8	2 9/16	12 3/16	Alloy Steel	194	366
130-400-T1-E2	16"	400	16	5.56	3/8	842	450	10400	59 1/8	78 3/4	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	Alloy Steel	509	642
130-400-T1-F1	16"	400	16	5.56	3/8	842	450	16540	23 1/4	59 1/16	5 11/16	13/16	1 3/4	7 1/16	2 3/4	14 3/16	Alloy Steel	304	545
130-400-T1-F2	16"	400	16	5.56	3/8	842	450	16540											

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

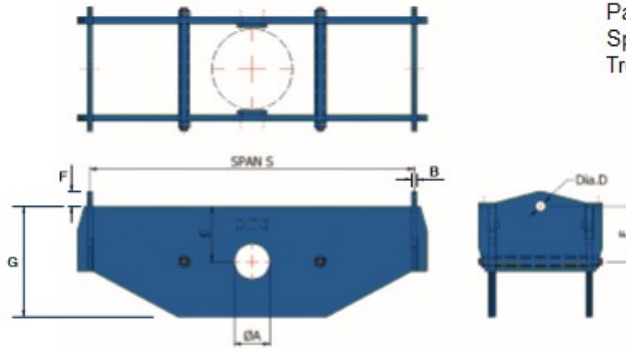
Refer to notes at end of table.

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C												
130-500-T1-F1	20"	500	20	6.63	3/8	842	450	16540	27 9/16	59 1/16	6 3/4	13/16	1 3/4	7 1/2	2 3/4	14 15/16	Alloy Steel	377	600
130-500-T1-F2	20"	500	20	6.63	3/8	842	450	16540	59 1/8	78 3/4	6 3/4	13/16	1 3/4	8 7/16	2 3/4	16 15/16	Alloy Steel	783	972
130-500-T1-G1	20"	500	20	6.63	1/2	842	450	24080	28 3/8	59 1/16	6 3/4	13/16	2 1/16	8 7/16	3 3/8	16 15/16	Alloy Steel	500	796
130-500-T1-G2	20"	500	20	6.63	1/2	842	450	24080	59 1/8	78 3/4	6 3/4	13/16	2 1/16	8 7/16	3 3/8	16 15/16	Alloy Steel	796	985
130-500-T1-H1	20"	500	20	6.63	9/16	842	450	32980	28 3/4	59 1/16	6 3/4	1	2 3/8	8 7/16	3 9/16	16 15/16	Alloy Steel	558	849
130-500-T1-H2	20"	500	20	6.63	9/16	842	450	32980	59 1/8	78 3/4	6 3/4	1	2 3/8	9 7/16	3 9/16	18 7/8	Alloy Steel	1065	1312
130-500-T1-I1	20"	500	20	6.63	13/16	842	450	43300	29 1/2	59 1/16	6 3/4	1 3/16	3	9 7/16	4 1/8	18 7/8	Alloy Steel	772	1142
130-500-T1-I2	20"	500	20	6.63	13/16	842	450	43300	59 1/8	78 3/4	6 3/4	1 3/16	3	10 7/16	4 1/8	20 7/8	Alloy Steel	1391	1702
130-500-T1-J1	20"	500	20	6.63	13/16	842	450	59780	31 1/8	59 1/16	6 3/4	1 3/16	3 3/8	10 7/16	4 3/4	20 7/8	Alloy Steel	966	1409
130-500-T1-J2	20"	500	20	6.63	13/16	842	450	59780	59 1/8	78 3/4	6 3/4	1 3/16	3 3/8	10 7/16	4 3/4	20 7/8	Alloy Steel	1411	1722
130-500-T1-K1	20"	500	20	6.63	1	842	450	78920	31 1/2	59 1/16	6 3/4	1 3/8	3 3/8	10 7/16	4 3/4	20 7/8	Alloy Steel	1052	1488
130-500-T1-K2	20"	500	20	6.63	1	842	450	78920	59 1/8	78 3/4	6 3/4	1 3/8	3 3/8	11 7/16	4 3/4	22 13/16	Alloy Steel	1772	2156
130-500-T1-L1	20"	500	20	6.63	1	842	450	100260	33 1/16	59 1/16	6 3/4	1 9/16	3 3/8	11 7/16	4 3/4	22 13/16	Alloy Steel	1354	1861
130-500-T1-L2	20"	500	20	6.63	1	842	450	100260	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	Alloy Steel	2180	2643
130-500-T1-M1	20"	500	20	6.63	1	842	450	126100	33 1/16	59 1/16	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	Alloy Steel	1567	2180
130-500-T1-M2	20"	500	20	6.63	1	842	450	126100	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	Alloy Steel	2180	2643
130-550-T1-C1	22"	550	22	6.63	3/8	842	450	4580	27 15/16	59 1/16	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	Alloy Steel	231	384
130-550-T1-C2	22"	550	22	6.63	3/8	842	450	4580	59 1/8	78 3/4	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	Alloy Steel	386	483
130-550-T1-D1	22"	550	22	6.63	3/8	842	450	7180	28 3/8	59 1/16	6 3/4	9/16	1 5/16	6 1/2	1 3/4	13	Alloy Steel	256	408
130-550-T1-D2	22"	550	22	6.63	3/8	842													

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

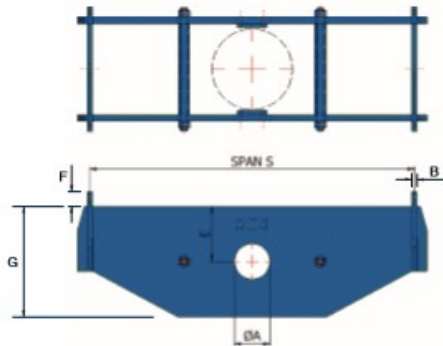
Refer to notes at end of table.

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-650-T1-C1	26"	650	26	8.63	3/8	842	450	4580	32 5/16	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Alloy Steel	291	439
130-650-T1-C2	26"	650	26	8.63	3/8	842	450	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Alloy Steel	439	547
130-650-T1-D1	26"	650	26	8.63	3/8	842	450	7180	32 5/16	59 1/16	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	Alloy Steel	320	467
130-650-T1-D2	26"	650	26	8.63	3/8	842	450	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	Alloy Steel	467	575
130-650-T1-E1	26"	650	26	8.63	3/8	842	450	10400	32 5/16	59 1/16	8 3/4	9/16	1 9/16	7 5/16	2 9/16	14 9/16	Alloy Steel	326	476
130-650-T1-E2	26"	650	26	8.63	3/8	842	450	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Alloy Steel	639	794
130-650-T1-F1	26"	650	26	8.63	3/8	842	450	16540	33 7/16	59 1/16	8 3/4	13/16	1 3/4	8 1/4	2 3/4	16 9/16	Alloy Steel	496	697
130-650-T1-F2	26"	650	26	8.63	3/8	842	450	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	Alloy Steel	893	1100
130-650-T1-G1	26"	650	26	8.63	1/2	842	450	24080	34 1/4	59 1/16	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	Alloy Steel	648	910
130-650-T1-G2	26"	650	26	8.63	1/2	842	450	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	Alloy Steel	910	1118
130-650-T1-H1	26"	650	26	8.63	9/16	842	450	32980	34 5/8	59 1/16	8 3/4	1	2 3/8	9 1/4	3 9/16	18 1/2	Alloy Steel	723	979
130-650-T1-H2	26"	650	26	8.63	9/16	842	450	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	10 1/4	3 9/16	20 1/2	Alloy Steel	1210	1477
130-650-T1-I1	26"	650	26	8.63	13/16	842	450	43300	35 13/16	59 1/16	8 3/4	1 3/16	3	10 1/4	4 1/8	20 1/2	Alloy Steel	992	1307
130-650-T1-I2	26"	650	26	8.63	13/16	842	450	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	Alloy Steel	1572	1907
130-650-T1-J1	26"	650	26	8.63	13/16	842	450	59780	37	59 1/16	8 3/4	1 3/16	3 3/8	11 1/4	4 3/4	22 7/16	Alloy Steel	1221	1596
130-650-T1-J2	26"	650	26	8.63	13/16	842	450	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	11 1/4	4 3/4	22 7/16	Alloy Steel	1596	1931
130-650-T1-K1	26"	650	26	8.63	1	842	450	78920	37 3/8	59 1/16	8 3/4	1 3/8	3 3/8	11 1/4	4 3/4	22 7/16	Alloy Steel	1325	1693
130-650-T1-K2	26"	650	26	8.63	1	842	450	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	12 3/16	4 3/4	24 7/16	Alloy Steel	1997	2405
130-650-T1-L1	26"	650	26	8.63	1	842	450	100260	39	59 1/16	8 3/4	1 9/16	3 3/8	12 3/16	4 3/4	24 7/16	Alloy Steel	1689	2108
130-650-T1-L2	26"	650	26	8.															

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

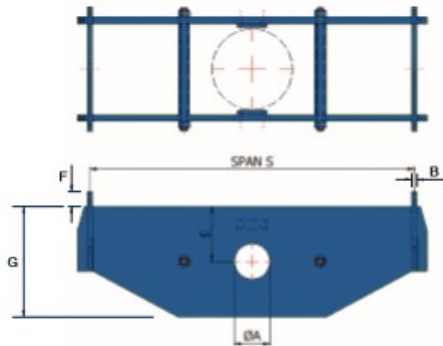
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C												
130-750-T1-L1	30"	750	30	10.75	1	842	450	100260	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	13	4 3/4	26	Alloy Steel	1949	2308
130-750-T1-L2	30"	750	30	10.75	1	842	450	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2663	3183
130-750-T1-M1	30"	750	30	10.75	1	842	450	126100	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2233	2661
130-750-T1-M2	30"	750	30	10.75	1	842	450	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2663	3183
130-800-T1-D1	32"	800	32	10.75	3/8	842	450	7180	38 9/16	59 1/16	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Alloy Steel	412	538
130-800-T1-D2	32"	800	32	10.75	3/8	842	450	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Alloy Steel	538	659
130-800-T1-E1	32"	800	32	10.75	3/8	842	450	10400	38 9/16	59 1/16	10 15/16	9/16	1 9/16	8 1/16	2 9/16	16 1/8	Alloy Steel	421	547
130-800-T1-E2	32"	800	32	10.75	3/8	842	450	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	723	891
130-800-T1-F1	32"	800	32	10.75	3/8	842	450	16540	39 3/8	59 1/16	10 15/16	13/16	1 3/4	9 1/16	2 3/4	18 1/8	Alloy Steel	628	798
130-800-T1-F2	32"	800	32	10.75	3/8	842	450	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	1008	1232
130-800-T1-G1	32"	800	32	10.75	1/2	842	450	24080	40 9/16	59 1/16	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	816	1025
130-800-T1-G2	32"	800	32	10.75	1/2	842	450	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	1027	1252
130-800-T1-H1	32"	800	32	10.75	9/16	842	450	32980	40 9/16	59 1/16	10 15/16	1	2 3/8	10 1/16	3 9/16	20 1/16	Alloy Steel	902	1113
130-800-T1-H2	32"	800	32	10.75	9/16	842	450	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Alloy Steel	1360	1647
130-800-T1-I1	32"	800	32	10.75	13/16	842	450	43300	41 3/4	59 1/16	10 15/16	1 3/16	3	11	4 1/8	22 1/16	Alloy Steel	1224	1477
130-800-T1-I2	32"	800	32	10.75	13/16	842	450	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	12	4 1/8	24	Alloy Steel	1759	2116
130-800-T1-J1	32"	800	32	10.75	13/16	842	450	59780	43 5/16	59 1/16	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Alloy Steel	1499	1788
130-800-T1-J2	32"	800	32	10.75	13/16	842	450	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Alloy Steel	1788	2145
130-800-T1-K1	32"	800	32	10.75	1	842	450	78920	43 5/16	59 1/16	10 15/16	1 3/8	3 3/8	12	4 3/4	24	Alloy Steel	1616	1905
130-800-T1-K2	32																		

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

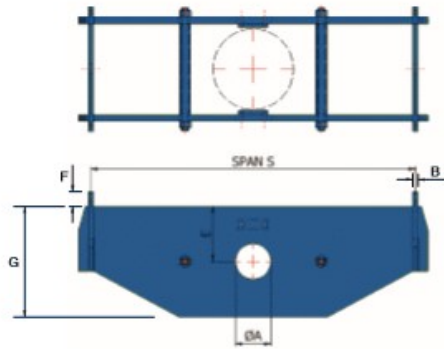
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-900-T1-L1	36"	900	36	10.75	1	842	450	100260	49 3/16	68 7/8	10 15/16	1 9/16	3 3/8	13	4 3/4	26	Alloy Steel	2246	2683
130-900-T1-L2	36"	900	36	10.75	1	842	450	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	3093	3613
130-900-T1-M1	36"	900	36	10.75	1	842	450	126100	49 3/16	68 7/8	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2571	3093
130-900-T1-M2	36"	900	36	10.75	1	842	450	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	4008	4722
130-950-T1-D1	38"	950	38	10.75	3/8	842	450	7180	44 1/2	68 7/8	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Alloy Steel	483	633
130-950-T1-D2	38"	950	38	10.75	3/8	842	450	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	838	1008
130-950-T1-E1	38"	950	38	10.75	3/8	842	450	10400	44 1/2	68 7/8	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	639	849
130-950-T1-E2	38"	950	38	10.75	3/8	842	450	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	849	1019
130-950-T1-F1	38"	950	38	10.75	3/8	842	450	16540	45 11/16	68 7/8	10 15/16	13/16	1 3/4	9 1/16	2 3/4	18 1/8	Alloy Steel	736	935
130-950-T1-F2	38"	950	38	10.75	3/8	842	450	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	1179	1404
130-950-T1-G1	38"	950	38	10.75	1/2	842	450	24080	46 7/16	68 7/8	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	946	1202
130-950-T1-G2	38"	950	38	10.75	1/2	842	450	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	1202	1426
130-950-T1-H1	38"	950	38	10.75	9/16	842	450	32980	46 7/8	68 7/8	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Alloy Steel	1263	1587
130-950-T1-H2	38"	950	38	10.75	9/16	842	450	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	11	3 9/16	22 1/16	Alloy Steel	1587	1874
130-950-T1-I1	38"	950	38	10.75	13/16	842	450	43300	47 5/8	68 7/8	10 15/16	1 3/16	3	11	4 1/8	22 1/16	Alloy Steel	1409	1720
130-950-T1-I2	38"	950	38	10.75	13/16	842	450	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	12	4 1/8	24	Alloy Steel	2048	2405
130-950-T1-J1	38"	950	38	10.75	13/16	842	450	59780	49 3/16	68 7/8	10 15/16	1 3/16	3 3/8	12	4 3/4	24	Alloy Steel	1720	2079
130-950-T1-J2	38"	950	38	10.75	13/16	842	450	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Alloy Steel	2438	2875
130-950-T1-K1	38"	950	38	10.75	1	842	450	78920	49 5/8	68 7/8	10 15/16	1 3/8							

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

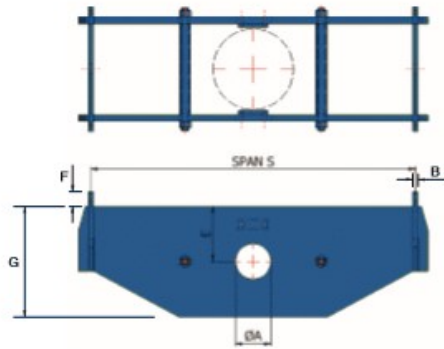
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-300-T2-C1	12"	300	12.75	4.5	3/8	1022	550	4580	18 7/8	39 3/8	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	Alloy Steel	139	227
130-300-T2-C2	12"	300	12.75	4.5	3/8	1022	550	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	Alloy Steel	227	313
130-300-T2-D1	12"	300	12.75	4.5	3/8	1022	550	7180	18 7/8	39 3/8	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	Alloy Steel	154	243
130-300-T2-D2	12"	300	12.75	4.5	3/8	1022	550	7180	39 7/16	59 1/16	4 5/8	9/16	1 5/16	6 11/16	1 3/4	13 3/8	Alloy Steel	340	463
130-300-T2-E1	12"	300	12.75	4.5	3/8	1022	550	10400	18 7/8	39 3/8	4 5/8	9/16	1 9/16	6 11/16	2 9/16	13 3/8	Alloy Steel	214	344
130-300-T2-E2	12"	300	12.75	4.5	3/8	1022	550	10400	39 7/16	59 1/16	4 5/8	9/16	1 9/16	6 11/16	2 9/16	13 3/8	Alloy Steel	344	467
130-300-T2-F1	12"	300	12.75	4.5	3/8	1022	550	16540	20 1/16	39 3/8	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	Alloy Steel	251	373
130-300-T2-F2	12"	300	12.75	4.5	3/8	1022	550	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	7 11/16	2 3/4	15 3/8	Alloy Steel	492	664
130-300-T2-G1	12"	300	12.75	4.5	1/2	1022	550	24080	20 7/8	39 3/8	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	Alloy Steel	340	503
130-300-T2-G2	12"	300	12.75	4.5	1/2	1022	550	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	8 11/16	3 3/8	17 5/16	Alloy Steel	639	866
130-300-T2-H1	12"	300	12.75	4.5	9/16	1022	550	32980	21 1/4	39 3/8	4 5/8	1	2 3/8	8 11/16	3 9/16	17 5/16	Alloy Steel	474	681
130-300-T2-H2	12"	300	12.75	4.5	9/16	1022	550	32980	39 7/16	59 1/16	4 5/8	1	2 3/8	9 5/8	3 9/16	19 5/16	Alloy Steel	844	1131
130-300-T2-I1	12"	300	12.75	4.5	13/16	1022	550	43300	22 7/16	39 3/8	4 5/8	1 3/16	3	8 11/16	4 1/8	17 5/16	Alloy Steel	545	739
130-300-T2-I2	12"	300	12.75	4.5	13/16	1022	550	43300	39 7/16	59 1/16	4 5/8	1 3/16	3	9 5/8	4 1/8	19 5/16	Alloy Steel	906	1195
130-350-T2-B1	14"	350	14	4.5	3/8	1022	550	2460	20 1/16	39 3/8	4 5/8	3/8	3/4	4 3/4	1	9 7/16	Alloy Steel	94.8	146
130-350-T2-B2	14"	350	14	4.5	3/8	1022	550	2460	39 7/16	59 1/16	4 5/8	3/8	3/4	5 11/16	1	11 7/16	Alloy Steel	223	309
130-350-T2-C1	14"	350	14	4.5	3/8	1022	550	4580	20 1/16	39 3/8	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	Alloy Steel	150	231
130-350-T2-C2	14"	350	14	4.5	3/8	1022	550	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	Alloy Steel	234	317
130-350-T2-D1	14"	350	14	4.5	3/8	1022	550	7180	20 1/16	39 3/8	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	Alloy Steel	16	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

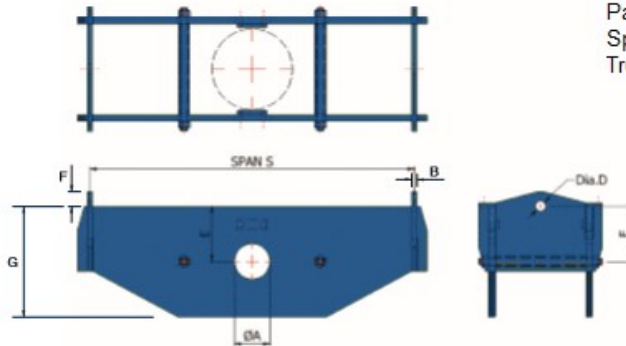
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-450-T2-F1	18"	450	18	5.56	3/8	1022	550	16540	25 3/16	59 1/16	5 11/16	13/16	1 3/4	8 1/16	2 3/4	16 1/8	Alloy Steel	425	736
130-450-T2-F2	18"	450	18	5.56	3/8	1022	550	16540	59 1/8	78 3/4	5 11/16	13/16	1 3/4	9 1/16	2 3/4	18 1/8	Alloy Steel	937	1175
130-450-T2-G1	18"	450	18	5.56	1/2	1022	550	24080	26 3/8	59 1/16	5 11/16	13/16	2 1/16	9 1/16	3 3/8	18 1/8	Alloy Steel	558	950
130-450-T2-G2	18"	450	18	5.56	1/2	1022	550	24080	59 1/8	78 3/4	5 11/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	1177	1477
130-450-T2-H1	18"	450	18	5.56	9/16	1022	550	32980	26 3/8	59 1/16	5 11/16	1	2 3/8	10 1/16	3 9/16	20 1/16	Alloy Steel	741	1239
130-450-T2-H2	18"	450	18	5.56	9/16	1022	550	32980	59 1/8	78 3/4	5 11/16	1	2 3/8	10 1/16	3 9/16	20 1/16	Alloy Steel	1239	1539
130-450-T2-I1	18"	450	18	5.56	13/16	1022	550	43300	27 9/16	59 1/16	5 11/16	1 3/16	3	10 1/16	4 1/8	20 1/16	Alloy Steel	836	1316
130-450-T2-I2	18"	450	18	5.56	13/16	1022	550	43300	59 1/8	78 3/4	5 11/16	1 3/16	3	11	4 1/8	22 1/16	Alloy Steel	1585	1955
130-450-T2-J1	18"	450	18	5.56	13/16	1022	550	59780	29 1/8	59 1/16	5 11/16	1 3/16	3 3/8	11	4 3/4	22 1/16	Alloy Steel	1038	1603
130-450-T2-J2	18"	450	18	5.56	13/16	1022	550	59780	59 1/8	78 3/4	5 11/16	1 3/16	3 3/8	12	4 3/4	24	Alloy Steel	1898	2346
130-450-T2-K1	18"	450	18	5.56	1	1022	550	78920	29 1/8	59 1/16	5 11/16	1 3/8	3 3/8	12	4 3/4	24	Alloy Steel	1303	1984
130-450-T2-K2	18"	450	18	5.56	1	1022	550	78920	59 1/8	78 3/4	5 11/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2670	3296
130-450-T2-L1	18"	450	18	5.56	1	1022	550	100260	30 11/16	59 1/16	5 11/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	1876	2778
130-450-T2-L2	18"	450	18	5.56	1	1022	550	100260	59 1/8	78 3/4	5 11/16	1 9/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2780	3406
130-500-T2-B1	20"	500	20	6.63	3/8	1022	550	2460	26	59 1/16	6 3/4	3/8	3/4	6 1/2	1	13	Alloy Steel	198	362
130-500-T2-B2	20"	500	20	6.63	3/8	1022	550	2460	59 1/8	78 3/4	6 3/4	3/8	3/4	6 1/2	1	13	Alloy Steel	364	459
130-500-T2-C1	20"	500	20	6.63	3/8	1022	550	4580	26	59 1/16	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	Alloy Steel	214	377
130-500-T2-C2	20"	500	20	6.63	3/8	1022	550	4580	59 1/8	78 3/4	6 3/4	1/2	1 1/16	7 1/2	1 3/8	14 15/16	Alloy Steel	525	664
130-500-T2-D1	20"	500	20	6.63	3/8	1022	550	7180	26 3/8	59 1/16	6 3/4	9/16	1 5/16	7 1/2	1 3/4	14 15/16	Alloy Steel	317	549
130-500-T2-D2	20"	500	20	6.63															

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

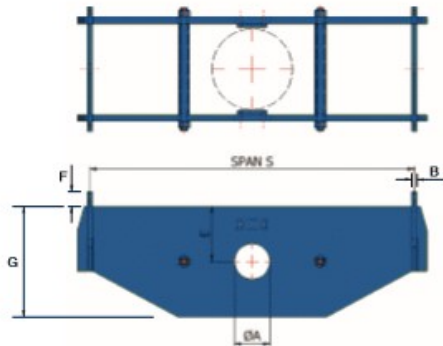
Refer to notes at end of table.

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in									lbs	lbs
130-600-T2-C1	24"	600	24	8.63	3/8	1022	550	4580	30 5/16	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Alloy Steel	271	430	
130-600-T2-C2	24"	600	24	8.63	3/8	1022	550	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	8 1/4	1 3/8	16 9/16	Alloy Steel	586	741	
130-600-T2-D1	24"	600	24	8.63	3/8	1022	550	7180	30 5/16	59 1/16	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Alloy Steel	392	617	
130-600-T2-D2	24"	600	24	8.63	3/8	1022	550	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Alloy Steel	617	772	
130-600-T2-E1	24"	600	24	8.63	3/8	1022	550	10400	30 5/16	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Alloy Steel	399	624	
130-600-T2-E2	24"	600	24	8.63	3/8	1022	550	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	9 1/4	2 9/16	18 1/2	Alloy Steel	811	1019	
130-600-T2-F1	24"	600	24	8.63	3/8	1022	550	16540	31 1/2	59 1/16	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	Alloy Steel	584	875	
130-600-T2-F2	24"	600	24	8.63	3/8	1022	550	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	10 1/4	2 3/4	20 1/2	Alloy Steel	1093	1362	
130-600-T2-G1	24"	600	24	8.63	1/2	1022	550	24080	32 5/16	59 1/16	8 3/4	13/16	2 1/16	10 1/4	3 3/8	20 1/2	Alloy Steel	745	1109	
130-600-T2-G2	24"	600	24	8.63	1/2	1022	550	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	11 1/4	3 3/8	22 7/16	Alloy Steel	1356	1691	
130-600-T2-H1	24"	600	24	8.63	9/16	1022	550	32980	32 11/16	59 1/16	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	Alloy Steel	988	1437	
130-600-T2-H2	24"	600	24	8.63	9/16	1022	550	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	Alloy Steel	1437	1772	
130-600-T2-I1	24"	600	24	8.63	13/16	1022	550	43300	33 7/8	59 1/16	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	Alloy Steel	1107	1537	
130-600-T2-I2	24"	600	24	8.63	13/16	1022	550	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	12 3/16	4 1/8	24 7/16	Alloy Steel	1828	2235	
130-600-T2-J1	24"	600	24	8.63	13/16	1022	550	59780	35 1/16	59 1/16	8 3/4	1 3/16	3 3/8	12 3/16	4 3/4	24 7/16	Alloy Steel	1349	1850	
130-600-T2-J2	24"	600	24	8.63	13/16	1022	550	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	13 3/16	4 3/4	26 3/8	Alloy Steel	2167	2659	
130-600-T2-K1	24"	600	24	8.63	1	1022	550	78920	35 7/16	59 1/16	8 3/4	1 3/8	3 3/8	13 3/16	4 3/4	26 3/8	Alloy Steel	1684	2275	
130-600-T2-K2	24"	600	24	8.63	1	1022	550	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	3009	3688	
130-600-T2-L1	24"	600	24	8.63	1	1022	550	100260	37	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2383	3144	
130-600-T2-L2	24"	600	24	8.63	1	1022	550	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	3146	3825	
130-600-T2-M1	24"	600	24	8.63	1	1022	550	126100	37	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2383	3144	
130-600-T2-M2	24"	600	24	8.63	1	1022	550	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	16 1/8	4 3/4	32 5/16	Alloy Steel	3565	4347	
130-650-T2-C1	26"	650	26	8.63	3/8	1022	550	4580	32 5/16	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Alloy Steel	291	439	
130-650-T2-C2	26"	650	26	8.63	3/8	1022	550	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	8 1/4	1 3/8	16 9/16	Alloy Steel	597	752	
130-650-T2-D1	26"	650	26	8.63	3/8	1022	550	7180	32 5/16	59 1/16	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Alloy Steel	421	631	
130-650-T2-D2	26"	650	26	8.63	3/8	1022	550	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Alloy Steel	631	785	
130-650-T2-E1	26"	650	26	8.63	3/8	1022	550	10400	32 5/16	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Alloy Steel	428	637	
130-650-T2-E2	26"	650	26	8.63	3/8	1022	550	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	9 1/4	2 9/16	18 1/2	Alloy Steel	827	1034	
130-650-T2-F1	26"	650	26	8.63	3/8	1022	550	16540	33 7/16	59 1/16	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	Alloy Steel	624	893	
130-650-T2-F2	26"	650	26	8.63	3/8	1022	550	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	10 1/4	2 3/4	20 1/2	Alloy Steel	1116	1382	
130-650-T2-G1	26"	650	26	8.63	1/2	1022	550	24080	34 1/4	59 1/16	8 3/4	13/16	2 1/16	10 1/4	3 3/8	20 1/2	Alloy Steel	796	1133	
130-650-T2-G2	26"	650	26	8.63	1/2	1022	550	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	11 1/4	3 3/8	22 7/16	Alloy Steel	1380	1715	
130-650-T2-H1	26"	650	26	8.63	9/16	1022	550	32980	34 5/8	59 1/16	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	Alloy Steel	1049	1466	
130-650-T2-H2	26"	650	26	8.63	9/16	1022	550	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	Alloy Steel	1466	1801	
130-650-T2-I1	26"	650	26	8.63	13/16	1022	550	43300	35 13/16	59 1/16	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	Alloy Steel	1177	1572	
130-650-T2-I2	26"	650	26	8.63	13/16	1022	550	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	12 3/16	4 1/8	24 7/16	Alloy Steel	1865	2275	
130-650-T2-J1	26"	650	26	8.63	13/16	1022	550	59780	37	59 1/16	8 3/4	1 3/16	3 3/8	12 3/16	4 3/4	24 7/16	Alloy Steel	1431	1889	
130-650-T2-J2	26"	650	26	8.63	13/16	1022	550	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	13 3/16	4 3/4	26 3/8	Alloy Steel	2209	2703	
130-650-T2-K1	26"	650	26	8.63	1	1022	550	78920	37 3/8	59 1/16	8 3/4	1 3/8	3 3/8	13 3/16	4 3/4	26 3/8	Alloy Steel	1781	2324	
130-650-T2-K2	26"	650	26	8.63	1	1022	550	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	3067	3743	
130-650-T2-L1	26"	650	26	8.63	1	1022	550	100260	39	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2515	3208	
130-650-T2-L2	26"	650	26	8.63	1	1022	550	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	3210	3887	
130-650-T2-M1	26"	650	26	8.63	1	1022	550	126100	39	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2515	3208	
130-650-T2-M2	26"	650	26	8.63	1	1022	550	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	16 1/8	4 3/4	32 5/16	Alloy Steel	3633	4416	
130-700-T2-C1	28"	700	28	8.63	3/8	1022	550	4580	34 1/4	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	Alloy Steel	309	448	
130-700-T2-C2	28"	700	28	8.63	3/8	1022	550	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	8 1/4	1 3/8	16 9/16	Alloy Steel	608	763	
130-700-T2-D1	28"	700	28	8.63	3/8	1022	550	7180	34 1/4	59 1/16	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Alloy Steel	448	644	
130-700-T2-D2	28"	700	28	8.63	3/8	1022	550	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	Alloy Steel	644	798	
130-700-T2-E1	28"	700	28	8.63	3/8	1022	550	10400	34 1/4	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Alloy Steel	456	650	
130-700-T2-E2	28"	700	28	8.63	3/8	1022	550	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	9 1/4	2 9/16	18 1/2	Alloy Steel	842	1049	
130-700-T2-F1	28"	700	28	8.63	3/8	1022	550	16540	35 7/16	59 1/16	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	Alloy Steel	664	913	
130-700-T2-F2	28"	700	28	8.63	3/8	1022	550	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	10 1/4	2 3/4	20 1/2	Alloy Steel	1138	1404	
130-700-T2-G1	28"	700	28	8.63	1/2	1022	550	24080	36 5/8	59 1/16	8 3/4	13/16	2 1/16	10 1/4	3 3/8	20 1/2	Alloy Steel	849	1155	
130-700-T2-G2	28"	700	28	8.63	1/2	1022	550	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	11 1/4	3 3/8	22 7/16	Alloy Steel	1404	1739	
130-700-T2-H1	28"	700	28	8.63	9/16	1022	550	32980	36 5/8	59 1/16	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	Alloy Steel	1113	1495	
130-700-T2-H2	28"	700	28	8.63	9/16	1022	550	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	Alloy Steel	1497	1830	
130-700-T2-I1	28"	700	28	8.63	13/16	1022	550	43300	37 13/16	59 1/16	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	Alloy Steel	1243	1607	
130-700-T2-I2	28"	700	28	8.63	13/16	1022	550	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	12 3/16	4 1/8	24 7/16	Alloy Steel	19		

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

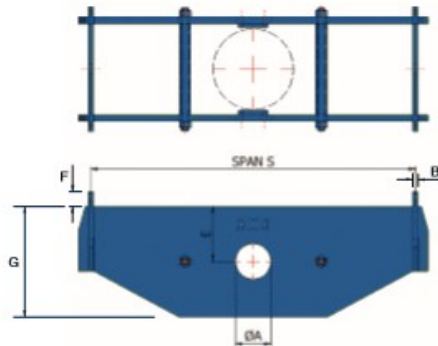
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in									lbs	lbs
130-700-T2-K1	28"	700	28	8.63	1	1022	550	78920	39 3/8	59 1/16	8 3/4	1 3/8	3 3/8	13 3/16	4 3/4	26 3/8	Alloy Steel	1878	2372	
130-700-T2-K2	28"	700	28	8.63	1	1022	550	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	3122	3799	
130-700-T2-L1	28"	700	28	8.63	1	1022	550	100260	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2646	3269	
130-700-T2-L2	28"	700	28	8.63	1	1022	550	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	3272	3951	
130-700-T2-M1	28"	700	28	8.63	1	1022	550	126100	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2646	3269	
130-700-T2-M2	28"	700	28	8.63	1	1022	550	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	16 1/8	4 3/4	32 5/16	Alloy Steel	3699	4482	
130-750-T2-D1	30"	750	30	10.75	3/8	1022	550	7180	36 1/4	59 1/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	503	699	
130-750-T2-D2	30"	750	30	10.75	3/8	1022	550	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	701	869	
130-750-T2-E1	30"	750	30	10.75	3/8	1022	550	10400	36 1/4	59 1/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	511	708	
130-750-T2-E2	30"	750	30	10.75	3/8	1022	550	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	908	1131	
130-750-T2-F1	30"	750	30	10.75	3/8	1022	550	16540	37 3/8	59 1/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	739	988	
130-750-T2-F2	30"	750	30	10.75	3/8	1022	550	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1221	1508	
130-750-T2-G1	30"	750	30	10.75	1/2	1022	550	24080	38 9/16	59 1/16	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	939	1239	
130-750-T2-G2	30"	750	30	10.75	1/2	1022	550	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1499	1858	
130-750-T2-H1	30"	750	30	10.75	9/16	1022	550	32980	38 9/16	59 1/16	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1226	1598	
130-750-T2-H2	30"	750	30	10.75	9/16	1022	550	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1601	1958	
130-750-T2-I1	30"	750	30	10.75	13/16	1022	550	43300	39 3/4	59 1/16	10 15/16	1 3/16	3	12	4 1/8	24	Alloy Steel	1369	1722	
130-750-T2-I2	30"	750	30	10.75	13/16	1022	550	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	2028	2465	
130-750-T2-J1	30"	750	30	10.75	13/16	1022	550	59780	41 5/16	59 1/16	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Alloy Steel	1662	2057	
130-750-T2-J2	30"	750	30	10.75	13/16	1022	550	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2390	2912	
130-750-T2-K1	30"	750	30	10.75	1	1022	550	78920	41 5/16	59 1/16	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2050	2522	
130-750-T2-K2	30"	750	30	10.75	1	1022	550	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3294	4006	
130-750-T2-L1	30"	750	30	10.75	1	1022	550	100260	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2868	3455	
130-750-T2-L2	30"	750	30	10.75	1	1022	550	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3457	4169	
130-750-T2-M1	30"	750	30	10.75	1	1022	550	126100	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2868	3455	
130-750-T2-M2	30"	750	30	10.75	1	1022	550	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3896	4718	
130-800-T2-D1	32"	800	32	10.75	3/8	1022	550	7180	38 9/16	59 1/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	538	714	
130-800-T2-D2	32"	800	32	10.75	3/8	1022	550	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	714	882	
130-800-T2-E1	32"	800	32	10.75	3/8	1022	550	10400	38 9/16	59 1/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	547	723	
130-800-T2-E2	32"	800	32	10.75	3/8	1022	550	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	924	1149	
130-800-T2-F1	32"	800	32	10.75	3/8	1022	550	16540	39 3/8	59 1/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	783	1008	
130-800-T2-F2	32"	800	32	10.75	3/8	1022	550	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1243	1530	
130-800-T2-G1	32"	800	32	10.75	1/2	1022	550	24080	40 9/16	59 1/16	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	992	1263	
130-800-T2-G2	32"	800	32	10.75	1/2	1022	550	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1526	1883	
130-800-T2-H1	32"	800	32	10.75	9/16	1022	550	32980	40 9/16	59 1/16	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1292	1629	
130-800-T2-H2	32"	800	32	10.75	9/16	1022	550	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1631	1989	
130-800-T2-I1	32"	800	32	10.75	13/16	1022	550	43300	41 3/4	59 1/16	10 15/16	1 3/16	3	12	4 1/8	24	Alloy Steel	1442	1759	
130-800-T2-I2	32"	800	32	10.75	13/16	1022	550	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	2068	2504	
130-800-T2-J1	32"	800	32	10.75	13/16	1022	550	59780	43 5/16	59 1/16	10 15/16	1 3/16	3 3/8	13	4 3/4	26	Alloy Steel	1748	2097	
130-800-T2-J2	32"	800	32	10.75	13/16	1022	550	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2434	2956	
130-800-T2-K1	32"	800	32	10.75	1	1022	550	78920	43 5/16	59 1/16	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2154	2571	
130-800-T2-K2	32"	800	32	10.75	1	1022	550	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3351	4063	
130-800-T2-L1	32"	800	32	10.75	1	1022	550	100260	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3005	3521	
130-800-T2-L2	32"	800	32	10.75	1	1022	550	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3521	4235	
130-800-T2-M1	32"	800	32	10.75	1	1022	550	126100	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3005	3521	
130-800-T2-M2	32"	800	32	10.75	1	1022	550	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3966	4786	
130-850-T2-D1	34"	850	34	10.75	3/8	1022	550	7180	40 3/16	68 7/8	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	564	811	
130-850-T2-D2	34"	850	34	10.75	3/8	1022	550	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	811	979	
130-850-T2-E1	34"	850	34	10.75	3/8	1022	550	10400	40 3/16	68 7/8	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	721	1049	
130-850-T2-E2	34"	850	34	10.75	3/8	1022	550	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	1052	1276	
130-850-T2-F1	34"	850	34	10.75	3/8	1022	550	16540	41 5/16	68 7/8	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1005	1409	
130-850-T2-F2	34"	850	34	10.75	3/8	1022	550	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1409	1695	
130-850-T2-G1	34"	850	34	10.75	1/2	1022	550	24080	42 1/2	68 7/8	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	1043	1429	
130-850-T2-G2	34"	850	34	10.75	1/2	1022	550	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1728	2088	
130-850-T2-H1	34"	850	34	10.75	9/16	1022	550	32980	42 1/2	68 7/8	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1358	1839	
130-850-T2-H2	34"	850	34	10.75	9/16	1022	550	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	13	3 9/16	26	Alloy Steel	2180	2617	
130-850-T2-I1	34"	850	34	10.75	13/16	1022	550	43300	43 11/16	68 7/8	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	1764	2324	
130-850-T2-I2	34"	850	34	10.75	13/16	1022	550</													

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

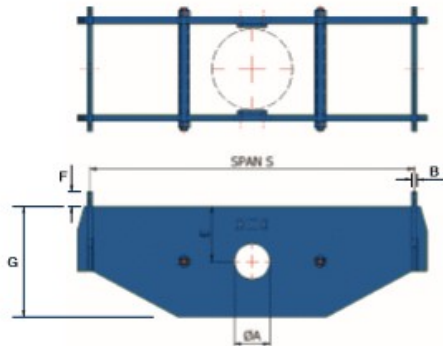
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	in	in	°F	°C	lbs	in	in	in	in	in	in	in	in		lbs	lbs
130-850-T2-K1	34"	850	34	10.75	1	1022	550	78920	45 1/4	68 7/8	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2903	3761
130-850-T2-K2	34"	850	34	10.75	1	1022	550	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3763	4475
130-850-T2-L1	34"	850	34	10.75	1	1022	550	100260	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3137	3937
130-850-T2-L2	34"	850	34	10.75	1	1022	550	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3940	4654
130-850-T2-M1	34"	850	34	10.75	1	1022	550	126100	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3137	3937
130-850-T2-M2	34"	850	34	10.75	1	1022	550	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4442	5262
130-900-T2-D1	36"	900	36	10.75	3/8	1022	550	7180	42 1/2	68 7/8	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	597	825
130-900-T2-D2	36"	900	36	10.75	3/8	1022	550	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	825	994
130-900-T2-E1	36"	900	36	10.75	3/8	1022	550	10400	42 1/2	68 7/8	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	765	1067
130-900-T2-E2	36"	900	36	10.75	3/8	1022	550	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	1067	1292
130-900-T2-F1	36"	900	36	10.75	3/8	1022	550	16540	43 11/16	68 7/8	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1063	1431
130-900-T2-F2	36"	900	36	10.75	3/8	1022	550	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1433	1720
130-900-T2-G1	36"	900	36	10.75	1/2	1022	550	24080	44 1/2	68 7/8	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	1096	1453
130-900-T2-G2	36"	900	36	10.75	1/2	1022	550	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1757	2114
130-900-T2-H1	36"	900	36	10.75	9/16	1022	550	32980	44 7/8	68 7/8	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1433	1872
130-900-T2-H2	36"	900	36	10.75	9/16	1022	550	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	13	3 9/16	26	Alloy Steel	2216	2652
130-900-T2-I1	36"	900	36	10.75	13/16	1022	550	43300	45 11/16	68 7/8	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	1850	2366
130-900-T2-I2	36"	900	36	10.75	13/16	1022	550	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	2366	2802
130-900-T2-J1	36"	900	36	10.75	13/16	1022	550	59780	47 1/4	68 7/8	10 15/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2209	2784
130-900-T2-J2	36"	900	36	10.75	13/16	1022	550	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3651	4365
130-900-T2-K1	36"	900	36	10.75	1	1022	550	78920	47 5/8	68 7/8	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3051	3823
130-900-T2-K2	36"	900	36	10.75	1	1022	550	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3823	4537
130-900-T2-L1	36"	900	36	10.75	1	1022	550	100260	49 3/16	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3291	4008
130-900-T2-L2	36"	900	36	10.75	1	1022	550	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	4008	4722
130-900-T2-M1	36"	900	36	10.75	1	1022	550	126100	49 3/16	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3291	4008
130-900-T2-M2	36"	900	36	10.75	1	1022	550	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4515	5335
130-950-T2-D1	38"	950	38	10.75	3/8	1022	550	7180	44 1/2	68 7/8	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	628	838
130-950-T2-D2	38"	950	38	10.75	3/8	1022	550	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	838	1008
130-950-T2-E1	38"	950	38	10.75	3/8	1022	550	10400	44 1/2	68 7/8	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	805	1082
130-950-T2-E2	38"	950	38	10.75	3/8	1022	550	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	1082	1307
130-950-T2-F1	38"	950	38	10.75	3/8	1022	550	16540	45 11/16	68 7/8	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1113	1453
130-950-T2-F2	38"	950	38	10.75	3/8	1022	550	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1455	1742
130-950-T2-G1	38"	950	38	10.75	1/2	1022	550	24080	46 7/16	68 7/8	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	1149	1477
130-950-T2-G2	38"	950	38	10.75	1/2	1022	550	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1781	2141
130-950-T2-H1	38"	950	38	10.75	9/16	1022	550	32980	46 7/8	68 7/8	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1499	1900
130-950-T2-H2	38"	950	38	10.75	9/16	1022	550	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	13	3 9/16	26	Alloy Steel	2249	2685
130-950-T2-I1	38"	950	38	10.75	13/16	1022	550	43300	47 5/8	68 7/8	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	1933	2405
130-950-T2-I2	38"	950	38	10.75	13/16	1022	550	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	2405	2842
130-950-T2-J1	38"	950	38	10.75	13/16	1022	550	59780	49 3/16	68 7/8	10 15/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2306	2826
130-950-T2-J2	38"	950	38	10.75	13/16	1022	550	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3702	4416
130-950-T2-K1	38"	950	38	10.75	1	1022	550	78920	49 5/8	68 7/8	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3179	3878
130-950-T2-K2	38"	950	38	10.75	1	1022	550	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3880	4594
130-950-T2-L1	38"	950	38	10.75	1	1022	550	100260	51 3/16	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3428	4070
130-950-T2-L2	38"	950	38	10.75	1	1022	550	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	4072	4786
130-950-T2-M1	38"	950	38	10.75	1	1022	550	126100	51 3/16	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3428	4070
130-950-T2-M2	38"	950	38	10.75	1	1022	550	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4583	5403
130-1000-T2-D1	40"	1000	40	10.75	3/8	1022	550	7180	46 7/16	68 7/8	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	659	851
130-1000-T2-D2	40"	1000	40	10.75	3/8	1022	550	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	Alloy Steel	851	1021
130-1000-T2-E1	40"	1000	40	10.75	3/8	1022	550	10400	46 7/16	68 7/8	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	842	1098
130-1000-T2-E2	40"	1000	40	10.75	3/8	1022	550	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	10 1/16	2 9/16	20 1/16	Alloy Steel	1098	1323
130-1000-T2-F1	40"	1000	40	10.75	3/8	1022	550	16540	47 5/8	68 7/8	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1164	1475
130-1000-T2-F2	40"	1000	40	10.75	3/8	1022	550	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	11	2 3/4	22 1/16	Alloy Steel	1477	1764
130-1000-T2-G1	40"	1000	40	10.75	1/2	1022	550	24080	48 7/16	68 7/8	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	1199	1499
130-1000-T2-G2	40"	1000	40	10.75	1/2	1022	550	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1808	2165
130-1000-T2-H1	40"	1000	40	10.75	9/16	1022	550	32980	48 13/16	68 7/8	10 15/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1565	1931
130-1000-T2-H2	40"	1000	40	10.75	9/16	1022	550	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	13	3 9/16	26	Alloy Steel	2282	2718
130-1000-T2-I1	40"	1000	40	10.75	13/16	1022	550	43300	49 5/8	68 7/8	10 15/16	1 3/16	3	13	4 1/8	26	Alloy Steel	2015	2443
130-1000-T2-I2	40"	1000	40	10.75	13/16	1022	550	43300	68 15/16	88 9/16	10 15/16	1 3/16	3</						

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

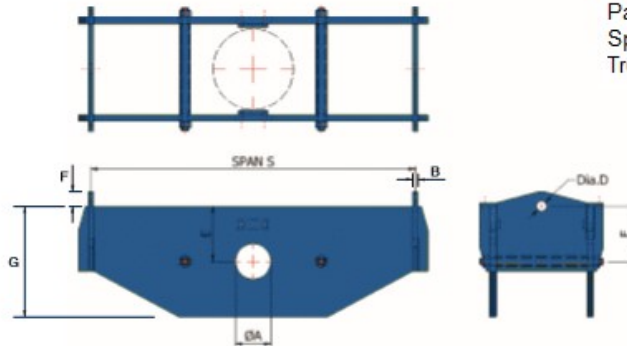
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in									lbs	lbs
130-1000-T2-K1	40"	1000	40	10.75	1	1022	550	78920	51 9/16	68 7/8	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3307	3935	
130-1000-T2-K2	40"	1000	40	10.75	1	1022	550	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3937	4650	
130-1000-T2-L1	40"	1000	40	10.75	1	1022	550	100260	53 1/8	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3563	4134	
130-1000-T2-L2	40"	1000	40	10.75	1	1022	550	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	4136	4848	
130-1000-T2-M1	40"	1000	40	10.75	1	1022	550	126100	53 1/8	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3563	4134	
130-1000-T2-M2	40"	1000	40	10.75	1	1022	550	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4650	5472	
130-250-T3-B1	10"	250	10.75	3.5	3/8	1112	600	2460	16 9/16	39 3/8	3 9/16	3/8	3/4	5 5/16	1	10 5/8	Alloy Steel	108	201	
130-250-T3-B2	10"	250	10.75	3.5	3/8	1112	600	2460	39 7/16	59 1/16	3 9/16	3/8	3/4	5 5/16	1	10 5/8	Alloy Steel	201	280	
130-250-T3-C1	10"	250	10.75	3.5	3/8	1112	600	4580	16 15/16	39 3/8	3 9/16	1/2	1 1/16	6 5/16	1 3/8	12 5/8	Alloy Steel	165	300	
130-250-T3-C2	10"	250	10.75	3.5	3/8	1112	600	4580	39 7/16	59 1/16	3 9/16	1/2	1 1/16	6 5/16	1 3/8	12 5/8	Alloy Steel	300	417	
130-250-T3-D1	10"	250	10.75	3.5	3/8	1112	600	7180	16 15/16	39 3/8	3 9/16	9/16	1 5/16	6 5/16	1 3/4	12 5/8	Alloy Steel	179	313	
130-250-T3-D2	10"	250	10.75	3.5	3/8	1112	600	7180	39 7/16	59 1/16	3 9/16	9/16	1 5/16	7 5/16	1 3/4	14 9/16	Alloy Steel	423	586	
130-250-T3-E1	10"	250	10.75	3.5	3/8	1112	600	10400	16 15/16	39 3/8	3 9/16	9/16	1 9/16	7 5/16	2 9/16	14 9/16	Alloy Steel	240	425	
130-250-T3-E2	10"	250	10.75	3.5	3/8	1112	600	10400	39 7/16	59 1/16	3 9/16	9/16	1 9/16	8 1/4	2 9/16	16 9/16	Alloy Steel	553	769	
130-250-T3-F1	10"	250	10.75	3.5	3/8	1112	600	16540	18 1/8	39 3/8	3 9/16	13/16	1 3/4	8 1/4	2 3/4	16 9/16	Alloy Steel	355	589	
130-250-T3-F2	10"	250	10.75	3.5	3/8	1112	600	16540	39 7/16	59 1/16	3 9/16	13/16	1 3/4	9 1/4	2 3/4	18 1/2	Alloy Steel	739	1014	
130-250-T3-G1	10"	250	10.75	3.5	1/2	1112	600	24080	18 7/8	39 3/8	3 9/16	13/16	2 1/16	8 1/4	3 3/8	16 9/16	Alloy Steel	373	597	
130-250-T3-G2	10"	250	10.75	3.5	1/2	1112	600	24080	39 7/16	59 1/16	3 9/16	13/16	2 1/16	9 1/4	3 3/8	18 1/2	Alloy Steel	747	1023	
130-250-T3-H1	10"	250	10.75	3.5	9/16	1112	600	32980	19 5/16	39 3/8	3 9/16	1	2 3/8	9 1/4	3 9/16	18 1/2	Alloy Steel	507	789	
130-250-T3-H2	10"	250	10.75	3.5	9/16	1112	600	32980	39 7/16	59 1/16	3 9/16	1	2 3/8	10 1/4	3 9/16	20 1/2	Alloy Steel	963	1307	
130-300-T3-B1	12"	300	12.75	4.5	3/8	1112	600	2460	18 7/8	39 3/8	4 5/8	3/8	3/4	5 11/16	1	11 7/16	Alloy Steel	130	218	
130-300-T3-B2	12"	300	12.75	4.5	3/8	1112	600	2460	39 7/16	59 1/16	4 5/8	3/8	3/4	5 11/16	1	11 7/16	Alloy Steel	218	304	
130-300-T3-C1	12"	300	12.75	4.5	3/8	1112	600	4580	18 7/8	39 3/8	4 5/8	1/2	1 1/16	6 11/16	1 3/8	13 3/8	Alloy Steel	192	322	
130-300-T3-C2	12"	300	12.75	4.5	3/8	1112	600	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	6 11/16	1 3/8	13 3/8	Alloy Steel	322	448	
130-300-T3-D1	12"	300	12.75	4.5	3/8	1112	600	7180	18 7/8	39 3/8	4 5/8	9/16	1 5/16	6 11/16	1 3/4	13 3/8	Alloy Steel	209	340	
130-300-T3-D2	12"	300	12.75	4.5	3/8	1112	600	7180	39 7/16	59 1/16	4 5/8	9/16	1 5/16	7 11/16	1 3/4	15 3/8	Alloy Steel	454	626	
130-300-T3-E1	12"	300	12.75	4.5	3/8	1112	600	10400	18 7/8	39 3/8	4 5/8	9/16	1 9/16	7 11/16	2 9/16	15 3/8	Alloy Steel	278	456	
130-300-T3-E2	12"	300	12.75	4.5	3/8	1112	600	10400	39 7/16	59 1/16	4 5/8	9/16	1 9/16	8 11/16	2 9/16	17 5/16	Alloy Steel	589	816	
130-300-T3-F1	12"	300	12.75	4.5	3/8	1112	600	16540	20 1/16	39 3/8	4 5/8	13/16	1 3/4	8 11/16	2 3/4	17 5/16	Alloy Steel	408	628	
130-300-T3-F2	12"	300	12.75	4.5	3/8	1112	600	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	9 5/8	2 3/4	19 5/16	Alloy Steel	783	1071	
130-300-T3-G1	12"	300	12.75	4.5	1/2	1112	600	24080	20 7/8	39 3/8	4 5/8	13/16	2 1/16	8 11/16	3 3/8	17 5/16	Alloy Steel	428	639	
130-300-T3-G2	12"	300	12.75	4.5	1/2	1112	600	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	9 5/8	3 3/8	19 5/16	Alloy Steel	796	1082	
130-300-T3-H1	12"	300	12.75	4.5	9/16	1112	600	32980	21 1/4	39 3/8	4 5/8	1	2 3/8	9 5/8	3 9/16	19 5/16	Alloy Steel	578	842	
130-300-T3-H2	12"	300	12.75	4.5	9/16	1112	600	32980	39 7/16	59 1/16	4 5/8	1	2 3/8	10 5/8	3 9/16	21 1/4	Alloy Steel	1023	1380	
130-300-T3-I1	12"	300	12.75	4.5	13/16	1112	600	43300	22 7/16	39 3/8	4 5/8	1 3/16	3	10 5/8	4 1/8	21 1/4	Alloy Steel	785	1091	
130-300-T3-I2	12"	300	12.75	4.5	13/16	1112	600	43300	39 7/16	59 1/16	4 5/8	1 3/16	3	11 5/8	4 1/8	23 1/4	Alloy Steel	1296	1731	
130-350-T3-B1	14"	350	14	4.5	3/8	1112	600	2460	20 1/16	39 3/8	4 5/8	3/8	3/4	5 11/16	1	11 7/16	Alloy Steel	139	223	
130-350-T3-B2	14"	350	14	4.5	3/8	1112	600	2460	39 7/16	59 1/16	4 5/8	3/8	3/4	5 11/16	1	11 7/16	Alloy Steel	223	309	
130-350-T3-C1	14"	350	14	4.5	3/8	1112	600	4580	20 1/16	39 3/8	4 5/8	1/2	1 1/16	6 11/16	1 3/8	13 3/8	Alloy Steel	205	328	
130-350-T3-C2	14"	350	14	4.5	3/8	1112	600	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	6 11/16	1 3/8	13 3/8	Alloy Steel	328	452	
130-350-T3-D1	14"	350	14	4.5	3/8	1112	600	7180	20 1/16	39 3/8	4 5/8	9/16	1 5/16	6 11/16	1 3/4	13 3/8	Alloy Steel	223	346	
130-350-T3-D2	14"	350	14	4.5	3/8	1112	600	7180	39 7/16	59 1/16	4 5/8	9/16	1 5/16	7 11/16	1 3/4	15 3/8	Alloy Steel	461	633	
130-350-T3-E1	14"	350	14	4.5	3/8	1112	600	10400	20 1/16	39 3/8	4 5/8	9/16	1 9/16	7 11/16	2 9/16	15 3/8	Alloy Steel	295	465	
130-350-T3-E2	14"	350	14	4.5	3/8	1112	600	10400	39 7/16	59 1/16	4 5/8	9/16	1 9/16	8 11/16	2 9/16	17 5/16	Alloy Steel	597	825	
130-350-T3-F1	14"	350	14	4.5	3/8	1112	600	16540	21 1/4	39 3/8	4 5/8	13/16	1 3/4	8 11/16	2 3/4	17 5/16	Alloy Steel	432	639	
130-350-T3-F2	14"	350	14	4.5	3/8	1112	600	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	9 5/8	2 3/4	19 5/16	Alloy Steel	796	1085	
130-350-T3-G1	14"	350	14	4.5	1/2	1112	600	24080	22 7/16	39 3/8	4 5/8	13/16	2 1/16	8 11/16	3 3/8	17 5/16	Alloy Steel	456	653	
130-350-T3-G2	14"	350	14	4.5	1/2	1112	600	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	9 5/8	3 3/8	19 5/16	Alloy Steel	809	1096	
130-350-T3-H1	14"	350	14	4.5	9/16	1112	600	32980	22 7/16	39 3/8	4 5/8	1	2 3/8	9 5/8	3 9/16	19 5/16	Alloy Steel	611	860	
130-350-T3-H2	14"	350	14	4.5	9/16	1112	600	32980	39 7/16	59 1/16	4 5/8	1	2 3/8	10 5/8	3 9/16	21 1/4	Alloy Steel	1041	1398	
130-350-T3-I1	14"	350	14	4.5	13/16	1112	600	43300	23 5/8	39 3/8	4 5/8	1 3/16	3	10 5/8	4 1/8	21 1/4	Alloy Steel	827	1113	
130-350-T3-I2	14"	350	14	4.5	13/16	1112	600	43300	39 7/16	59 1/16	4 5/8	1 3/16	3	11 5/8	4 1/8	23 1/4	Alloy Steel	1321	1753	
130-350-T3-J1	14"	350	14	4.5	13/16	1112	600	59780	25 3/16	39 3/8	4 5/8	1 3/16	3 3/8	11 5/8	4 3/4	23 1/4	Alloy Steel	1023	1336	
130-350-T3-J2	14"	350	14	4.5	13/16	1112	600	59780	39 7/16	59 1/16	4 5/8	1 3/16	3 3/8	13 9/16	4 3/4	27 1/4	Alloy Steel	1808	2416	
130-400-T3-B1	16"	400	16	5.56	3/8	1112	600	2460	22 1/16	59 1/16	5 11/16	3/8	3/4	6 1/8	1	12 3/16	Alloy Steel	161	331	
130-400-T3-B2	16"	400	16	5.56	3/8	1112	600	2460	59 1/8	78 3/4	5 11/16	3/8	3/4	7 1/16	1	14 3/16	Alloy Steel	470	602	
130-400-T3-C1	16"	400	16	5.56	3/8	1112	600	4580	22 1/16	59 1/16	5 11/16	1/2	1 1/16	7 1/16	1 3/8	14 3/16	Alloy Steel	234	483	
130-400-T3-C2	16"	400	16	5.56	3/8	1112	600	4580	59 1/8	78 3/4	5 11/16	1/2	1 1/16	8 1/16	1 3/8	16 1/				

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

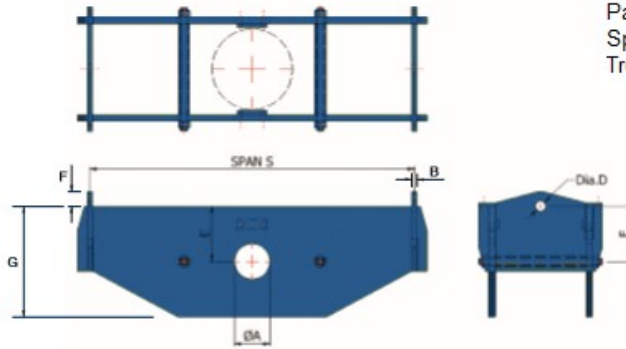
Refer to notes at end of table.

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in									lbs	lbs
130-400-T3-E1	16"	400	16	5.56	3/8	1112	600	10400	22 1/16	59 1/16	5 11/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	423	869	
130-400-T3-E2	16"	400	16	5.56	3/8	1112	600	10400	59 1/8	78 3/4	5 11/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	871	1107	
130-400-T3-F1	16"	400	16	5.56	3/8	1112	600	16540	23 1/4	59 1/16	5 11/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	595	1142	
130-400-T3-F2	16"	400	16	5.56	3/8	1112	600	16540	59 1/8	78 3/4	5 11/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	1142	1442	
130-400-T3-G1	16"	400	16	5.56	1/2	1112	600	24080	24 7/16	59 1/16	5 11/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	626	1155	
130-400-T3-G2	16"	400	16	5.56	1/2	1112	600	24080	59 1/8	78 3/4	5 11/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	1404	1775	
130-400-T3-H1	16"	400	16	5.56	9/16	1112	600	32980	24 7/16	59 1/16	5 11/16	1	2 3/8	11	3 9/16	22 1/16	Alloy Steel	816	1468	
130-400-T3-H2	16"	400	16	5.56	9/16	1112	600	32980	59 1/8	78 3/4	5 11/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1750	2198	
130-400-T3-I1	16"	400	16	5.56	13/16	1112	600	43300	25 9/16	59 1/16	5 11/16	1 3/16	3	12	4 1/8	24	Alloy Steel	1076	1839	
130-400-T3-I2	16"	400	16	5.56	13/16	1112	600	43300	59 1/8	78 3/4	5 11/16	1 3/16	3	14	4 1/8	27 15/16	Alloy Steel	2498	3124	
130-400-T3-J1	16"	400	16	5.56	13/16	1112	600	59780	27 3/16	59 1/16	5 11/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	1504	2518	
130-400-T3-J2	16"	400	16	5.56	13/16	1112	600	59780	59 1/8	78 3/4	5 11/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2520	3144	
130-400-T3-K1	16"	400	16	5.56	1	1112	600	78920	27 3/16	59 1/16	5 11/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Alloy Steel	1601	2617	
130-400-T3-K2	16"	400	16	5.56	1	1112	600	78920	59 1/8	78 3/4	5 11/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3402	4235	
130-450-T3-B1	18"	450	18	5.56	3/8	1112	600	2460	24	59 1/16	5 11/16	3/8	3/4	6 1/8	1	12 3/16	Alloy Steel	176	337	
130-450-T3-B2	18"	450	18	5.56	3/8	1112	600	2460	59 1/8	78 3/4	5 11/16	3/8	3/4	7 1/16	1	14 3/16	Alloy Steel	478	611	
130-450-T3-C1	18"	450	18	5.56	3/8	1112	600	4580	24	59 1/16	5 11/16	1/2	1 1/16	7 1/16	1 3/8	14 3/16	Alloy Steel	258	492	
130-450-T3-C2	18"	450	18	5.56	3/8	1112	600	4580	59 1/8	78 3/4	5 11/16	1/2	1 1/16	8 1/16	1 3/8	16 1/8	Alloy Steel	659	840	
130-450-T3-D1	18"	450	18	5.56	3/8	1112	600	7180	24 7/16	59 1/16	5 11/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Alloy Steel	366	686	
130-450-T3-D2	18"	450	18	5.56	3/8	1112	600	7180	59 1/8	78 3/4	5 11/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	Alloy Steel	686	866	
130-450-T3-E1	18"	450	18	5.56	3/8	1112	600	10400	24 7/16	59 1/16	5 11/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	467	884	
130-450-T3-E2	18"	450	18	5.56	3/8	1112	600	10400	59 1/8	78 3/4	5 11/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	Alloy Steel	886	1122	
130-450-T3-F1	18"	450	18	5.56	3/8	1112	600	16540	25 3/16	59 1/16	5 11/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	648	1164	
130-450-T3-F2	18"	450	18	5.56	3/8	1112	600	16540	59 1/8	78 3/4	5 11/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	Alloy Steel	1164	1464	
130-450-T3-G1	18"	450	18	5.56	1/2	1112	600	24080	26 3/8	59 1/16	5 11/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	Alloy Steel	679	1177	
130-450-T3-G2	18"	450	18	5.56	1/2	1112	600	24080	59 1/8	78 3/4	5 11/16	13/16	2 1/16	11	3 3/8	22 1/16	Alloy Steel	1431	1801	
130-450-T3-H1	18"	450	18	5.56	9/16	1112	600	32980	26 3/8	59 1/16	5 11/16	1	2 3/8	11	3 9/16	22 1/16	Alloy Steel	882	1499	
130-450-T3-H2	18"	450	18	5.56	9/16	1112	600	32980	59 1/8	78 3/4	5 11/16	1	2 3/8	12	3 9/16	24	Alloy Steel	1784	2231	
130-450-T3-I1	18"	450	18	5.56	13/16	1112	600	43300	27 9/16	59 1/16	5 11/16	1 3/16	3	12	4 1/8	24	Alloy Steel	1160	1876	
130-450-T3-I2	18"	450	18	5.56	13/16	1112	600	43300	59 1/8	78 3/4	5 11/16	1 3/16	3	14	4 1/8	27 15/16	Alloy Steel	2544	3170	
130-450-T3-J1	18"	450	18	5.56	13/16	1112	600	59780	29 1/8	59 1/16	5 11/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	1612	2564	
130-450-T3-J2	18"	450	18	5.56	13/16	1112	600	59780	59 1/8	78 3/4	5 11/16	1 3/16	3 3/8	14	4 3/4	27 15/16	Alloy Steel	2566	3192	
130-450-T3-K1	18"	450	18	5.56	1	1112	600	78920	29 1/8	59 1/16	5 11/16	1 3/8	3 3/8	14	4 3/4	27 15/16	Alloy Steel	1717	2670	
130-450-T3-K2	18"	450	18	5.56	1	1112	600	78920	59 1/8	78 3/4	5 11/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3463	4295	
130-450-T3-L1	18"	450	18	5.56	1	1112	600	100260	30 11/16	59 1/16	5 11/16	1 9/16	3 3/8	14 15/16	4 3/4	29 15/16	Alloy Steel	2125	3170	
130-450-T3-L2	18"	450	18	5.56	1	1112	600	100260	59 1/8	78 3/4	5 11/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4513	5582	
130-500-T3-B1	20"	500	20	6.63	3/8	1112	600	2460	26	59 1/16	6 3/4	3/8	3/4	6 1/2	1	13	Alloy Steel	198	362	
130-500-T3-B2	20"	500	20	6.63	3/8	1112	600	2460	59 1/8	78 3/4	6 3/4	3/8	3/4	7 1/2	1	14 15/16	Alloy Steel	507	648	
130-500-T3-C1	20"	500	20	6.63	3/8	1112	600	4580	26	59 1/16	6 3/4	1/2	1 1/16	7 1/2	1 3/8	14 15/16	Alloy Steel	289	525	
130-500-T3-C2	20"	500	20	6.63	3/8	1112	600	4580	59 1/8	78 3/4	6 3/4	1/2	1 1/16	8 7/16	1 3/8	16 15/16	Alloy Steel	697	886	
130-500-T3-D1	20"	500	20	6.63	3/8	1112	600	7180	26 3/8	59 1/16	6 3/4	9/16	1 5/16	8 7/16	1 3/4	16 15/16	Alloy Steel	410	725	
130-500-T3-D2	20"	500	20	6.63	3/8	1112	600	7180	59 1/8	78 3/4	6 3/4	9/16	1 5/16	8 7/16	1 3/4	16 15/16	Alloy Steel	725	915	
130-500-T3-E1	20"	500	20	6.63	3/8	1112	600	10400	26 3/8	59 1/16	6 3/4	9/16	1 9/16	9 7/16	2 9/16	18 7/8	Alloy Steel	520	930	
130-500-T3-E2	20"	500	20	6.63	3/8	1112	600	10400	59 1/8	78 3/4	6 3/4	9/16	1 9/16	9 7/16	2 9/16	18 7/8	Alloy Steel	933	1177	
130-500-T3-F1	20"	500	20	6.63	3/8	1112	600	16540	27 9/16	59 1/16	6 3/4	13/16	1 3/4	10 7/16	2 3/4	20 7/8	Alloy Steel	723	1221	
130-500-T3-F2	20"	500	20	6.63	3/8	1112	600	16540	59 1/8	78 3/4	6 3/4	13/16	1 3/4	10 7/16	2 3/4	20 7/8	Alloy Steel	1224	1534	
130-500-T3-G1	20"	500	20	6.63	1/2	1112	600	24080	28 3/8	59 1/16	6 3/4	13/16	2 1/16	10 7/16	3 3/8	20 7/8	Alloy Steel	750	1237	
130-500-T3-G2	20"	500	20	6.63	1/2	1112	600	24080	59 1/8	78 3/4	6 3/4	13/16	2 1/16	11 7/16	3 3/8	22 13/16	Alloy Steel	1497	1881	
130-500-T3-H1	20"	500	20	6.63	9/16	1112	600	32980	28 3/4	59 1/16	6 3/4	1	2 3/8	11 7/16	3 9/16	22 13/16	Alloy Steel	979	1572	
130-500-T3-H2	20"	500	20	6.63	9/16	1112	600	32980	59 1/8	78 3/4	6 3/4	1	2 3/8	12 3/8	3 9/16	24 13/16	Alloy Steel	1863	2326	
130-500-T3-I1	20"	500	20	6.63	13/16	1112	600	43300	29 1/2	59 1/16	6 3/4	1 3/16	3	12 3/8	4 1/8	24 13/16	Alloy Steel	1270	1964	
130-500-T3-I2	20"	500	20	6.63	13/16	1112	600	43300	59 1/8	78 3/4	6 3/4	1 3/16	3	14 3/8	4 1/8	28 3/4	Alloy Steel	2648	3291	
130-500-T3-J1	20"	500	20	6.63	13/16	1112	600	59780	31 1/8	59 1/16	6 3/4	1 3/16	3 3/8	14 3/8	4 3/4	28 3/4	Alloy Steel	1755	2670	
130-500-T3-J2	20"	500	20	6.63	13/16	1112	600	59780	59 1/8	78 3/4	6 3/4	1 3/16	3 3/8	14 3/8	4 3/4	28 3/4	Alloy Steel	2672	3314	
130-500-T3-K1	20"	500	20	6.63	1	1112	600	78920	31 1/2	59 1/16	6 3/4	1 3/8	3 3/8	14 3/8	4 3/4	28 3/4	Alloy Steel	1881	2782	
130-500-T3-K2	20"	500	20	6.63	1	1112	600	78920	59 1/8	78 3/4	6 3/4	1 3/8	3 3/8	16 5/16	4 3/4	32 11/16	Alloy Steel	3593	4444	
130-500-T3-L1	20"	500	20	6.63	1	1112	600	100260	33 1/16	59 1/16	6 3/4	1 9/16	3 3/8	15 3/8	4 3/4	30 11/16	Alloy Steel	2317	3302	
130-500-T3-L2	20"	500	20	6.63	1	1112	600	100260	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	18 5/16	4 3/4	36 5/8	Alloy Steel	46		

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

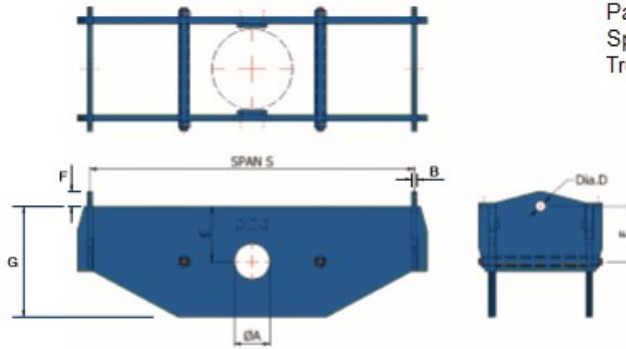
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in								lbs	lbs
130-550-T3-C1	22"	550	22	6.63	3/8	1112	600	4580	27 15/16	59 1/16	6 3/4	1/2	1 1/16	7 1/2	1 3/8	14 15/16	Alloy Steel	313	534
130-550-T3-C2	22"	550	22	6.63	3/8	1112	600	4580	59 1/8	78 3/4	6 3/4	1/2	1 1/16	8 7/16	1 3/8	16 15/16	Alloy Steel	708	897
130-550-T3-D1	22"	550	22	6.63	3/8	1112	600	7180	28 3/8	59 1/16	6 3/4	9/16	1 5/16	8 7/16	1 3/4	16 15/16	Alloy Steel	441	739
130-550-T3-D2	22"	550	22	6.63	3/8	1112	600	7180	59 1/8	78 3/4	6 3/4	9/16	1 5/16	8 7/16	1 3/4	16 15/16	Alloy Steel	739	928
130-550-T3-E1	22"	550	22	6.63	3/8	1112	600	10400	28 3/8	59 1/16	6 3/4	9/16	1 9/16	9 7/16	2 9/16	18 7/8	Alloy Steel	560	946
130-550-T3-E2	22"	550	22	6.63	3/8	1112	600	10400	59 1/8	78 3/4	6 3/4	9/16	1 9/16	9 7/16	2 9/16	18 7/8	Alloy Steel	948	1193
130-550-T3-F1	22"	550	22	6.63	3/8	1112	600	16540	29 1/2	59 1/16	6 3/4	13/16	1 3/4	10 7/16	2 3/4	20 7/8	Alloy Steel	776	1243
130-550-T3-F2	22"	550	22	6.63	3/8	1112	600	16540	59 1/8	78 3/4	6 3/4	13/16	1 3/4	10 7/16	2 3/4	20 7/8	Alloy Steel	1243	1556
130-550-T3-G1	22"	550	22	6.63	1/2	1112	600	24080	30 5/16	59 1/16	6 3/4	13/16	2 1/16	10 7/16	3 3/8	20 7/8	Alloy Steel	805	1259
130-550-T3-G2	22"	550	22	6.63	1/2	1112	600	24080	59 1/8	78 3/4	6 3/4	13/16	2 1/16	11 7/16	3 3/8	22 13/16	Alloy Steel	1521	1905
130-550-T3-H1	22"	550	22	6.63	9/16	1112	600	32980	30 11/16	59 1/16	6 3/4	1	2 3/8	11 7/16	3 9/16	22 13/16	Alloy Steel	1047	1601
130-550-T3-H2	22"	550	22	6.63	9/16	1112	600	32980	59 1/8	78 3/4	6 3/4	1	2 3/8	12 3/8	3 9/16	24 13/16	Alloy Steel	1896	2359
130-550-T3-I1	22"	550	22	6.63	13/16	1112	600	43300	31 1/2	59 1/16	6 3/4	1 3/16	3	12 3/8	4 1/8	24 13/16	Alloy Steel	1356	2004
130-550-T3-I2	22"	550	22	6.63	13/16	1112	600	43300	59 1/8	78 3/4	6 3/4	1 3/16	3	14 3/8	4 1/8	28 3/4	Alloy Steel	2692	3336
130-550-T3-J1	22"	550	22	6.63	13/16	1112	600	59780	33 1/16	59 1/16	6 3/4	1 3/16	3 3/8	14 3/8	4 3/4	28 3/4	Alloy Steel	1865	2716
130-550-T3-J2	22"	550	22	6.63	13/16	1112	600	59780	59 1/8	78 3/4	6 3/4	1 3/16	3 3/8	14 3/8	4 3/4	28 3/4	Alloy Steel	2718	3360
130-550-T3-K1	22"	550	22	6.63	1	1112	600	78920	33 7/16	59 1/16	6 3/4	1 3/8	3 3/8	14 3/8	4 3/4	28 3/4	Alloy Steel	1997	2835
130-550-T3-K2	22"	550	22	6.63	1	1112	600	78920	59 1/8	78 3/4	6 3/4	1 3/8	3 3/8	16 5/16	4 3/4	32 11/16	Alloy Steel	3653	4506
130-550-T3-L1	22"	550	22	6.63	1	1112	600	100260	35 1/16	59 1/16	6 3/4	1 9/16	3 3/8	15 3/8	4 3/4	30 11/16	Alloy Steel	2454	3364
130-550-T3-L2	22"	550	22	6.63	1	1112	600	100260	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	18 5/16	4 3/4	36 5/8	Alloy Steel	4747	5840
130-550-T3-M1	22"	550	22	6.63	1	1112	600	126100	35 1/16	59 1/16	6 3/4	1 9/16	3 3/8	16 5/16	4 3/4	32 11/16	Alloy Steel	2754	3796
130-550-T3-M2	22"	550	22	6.63	1	1112	600	126100	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	18 5/16	4 3/4	36 5/8	Alloy Steel	4747	5840
130-600-T3-C1	24"	600	24	8.63	3/8	1112	600	4580	30 5/16	59 1/16	8 3/4	1/2	1 1/16	8 1/4	1 3/8	16 9/16	Alloy Steel	362	586
130-600-T3-C2	24"	600	24	8.63	3/8	1112	600	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	9 1/4	1 3/8	18 1/2	Alloy Steel	769	977
130-600-T3-D1	24"	600	24	8.63	3/8	1112	600	7180	30 5/16	59 1/16	8 3/4	9/16	1 5/16	9 1/4	1 3/4	18 1/2	Alloy Steel	500	805
130-600-T3-D2	24"	600	24	8.63	3/8	1112	600	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	9 1/4	1 3/4	18 1/2	Alloy Steel	805	1012
130-600-T3-E1	24"	600	24	8.63	3/8	1112	600	10400	30 5/16	59 1/16	8 3/4	9/16	1 9/16	10 1/4	2 9/16	20 1/2	Alloy Steel	633	1023
130-600-T3-E2	24"	600	24	8.63	3/8	1112	600	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	10 1/4	2 9/16	20 1/2	Alloy Steel	1023	1290
130-600-T3-F1	24"	600	24	8.63	3/8	1112	600	16540	31 1/2	59 1/16	8 3/4	13/16	1 3/4	11 1/4	2 3/4	22 7/16	Alloy Steel	869	1338
130-600-T3-F2	24"	600	24	8.63	3/8	1112	600	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	11 1/4	2 3/4	22 7/16	Alloy Steel	1338	1673
130-600-T3-G1	24"	600	24	8.63	1/2	1112	600	24080	32 5/16	59 1/16	8 3/4	13/16	2 1/16	11 1/4	3 3/8	22 7/16	Alloy Steel	899	1356
130-600-T3-G2	24"	600	24	8.63	1/2	1112	600	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	12 3/16	3 3/8	24 7/16	Alloy Steel	1627	2037
130-600-T3-H1	24"	600	24	8.63	9/16	1112	600	32980	32 11/16	59 1/16	8 3/4	1	2 3/8	12 3/16	3 9/16	24 7/16	Alloy Steel	1166	1717
130-600-T3-H2	24"	600	24	8.63	9/16	1112	600	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	13 3/16	3 9/16	26 3/8	Alloy Steel	2024	2515
130-600-T3-I1	24"	600	24	8.63	13/16	1112	600	43300	33 7/8	59 1/16	8 3/4	1 3/16	3	13 3/16	4 1/8	26 3/8	Alloy Steel	1510	2141
130-600-T3-I2	24"	600	24	8.63	13/16	1112	600	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	15 3/16	4 1/8	30 5/16	Alloy Steel	2853	3532
130-600-T3-J1	24"	600	24	8.63	13/16	1112	600	59780	35 1/16	59 1/16	8 3/4	1 3/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2050	2879
130-600-T3-J2	24"	600	24	8.63	13/16	1112	600	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2879	3558
130-600-T3-K1	24"	600	24	8.63	1	1112	600	78920	35 7/16	59 1/16	8 3/4	1 3/8	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2191	3007
130-600-T3-K2	24"	600	24	8.63	1	1112	600	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	17 1/8	4 3/4	34 1/4	Alloy Steel	3851	4744
130-600-T3-L1	24"	600	24	8.63	1	1112	600	100260	37	59 1/16	8 3/4	1 9/16	3 3/8	16 1/8	4 3/4	32 5/16	Alloy Steel	2685	3563
130-600-T3-L2	24"	600	24	8.63	1	1112	600	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	19 1/8	4 3/4	38 3/16	Alloy Steel	4985	6124
130-600-T3-M1	24"	600	24	8.63	1	1112	600	126100	37	59 1/16	8 3/4	1 9/16	3 3/8	17 1/8	4 3/4	34 1/4	Alloy Steel	3005	4008
130-600-T3-M2	24"	600	24	8.63	1	1112	600	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	19 1/8	4 3/4	38 3/16	Alloy Steel	4985	6124
130-650-T3-C1	26"	650	26	8.63	3/8	1112	600	4580	32 5/16	59 1/16	8 3/4	1/2	1 1/16	8 1/4	1 3/8	16 9/16	Alloy Steel	386	597
130-650-T3-C2	26"	650	26	8.63	3/8	1112	600	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	9 1/4	1 3/8	18 1/2	Alloy Steel	780	988
130-650-T3-D1	26"	650	26	8.63	3/8	1112	600	7180	32 5/16	59 1/16	8 3/4	9/16	1 5/16	9 1/4	1 3/4	18 1/2	Alloy Steel	536	818
130-650-T3-D2	26"	650	26	8.63	3/8	1112	600	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	9 1/4	1 3/4	18 1/2	Alloy Steel	820	1027
130-650-T3-E1	26"	650	26	8.63	3/8	1112	600	10400	32 5/16	59 1/16	8 3/4	9/16	1 9/16	10 1/4	2 9/16	20 1/2	Alloy Steel	677	1041
130-650-T3-E2	26"	650	26	8.63	3/8	1112	600	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	10 1/4	2 9/16	20 1/2	Alloy Steel	1041	1307
130-650-T3-F1	26"	650	26	8.63	3/8	1112	600	16540	33 7/16	59 1/16	8 3/4	13/16	1 3/4	11 1/4	2 3/4	22 7/16	Alloy Steel	926	1362
130-650-T3-F2	26"	650	26	8.63	3/8	1112	600	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	11 1/4	2 3/4	22 7/16	Alloy Steel	1362	1698
130-650-T3-G1	26"	650	26	8.63	1/2	1112	600	24080	34 1/4	59 1/16	8 3/4	13/16	2 1/16	11 1/4	3 3/8	22 7/16	Alloy Steel	957	1380
130-650-T3-G2	26"	650	26	8.63	1/2	1112	600	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	12 3/16	3 3/8	24 7/16	Alloy Steel	1656	2066
130-650-T3-H1	26"	650	26	8.63	9/16	1112	600	32980	34 5/8	59 1/16	8 3/4	1	2 3/8	12 3/16	3 9/16	24 7/16	Alloy Steel	1241	1748
130-650-T3-H2	26"	650	26	8.63	9/16	1112	600	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	13 3/16	3 9/16	26 3/8	Alloy Steel	2059	2551
130-650-T3-I1	26"	650	26	8.63	13/16	1112	600	43300	35 13/16	59 1/16	8 3/4	1 3/16	3	13 3/16	4 1/8	26 3/8	Alloy Steel	1601	2183
130-650-T3-I2	26"	650	26	8.63	13/16	1112	600	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	15 3/16	4 1/8	30 5/16	Alloy Steel</		

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

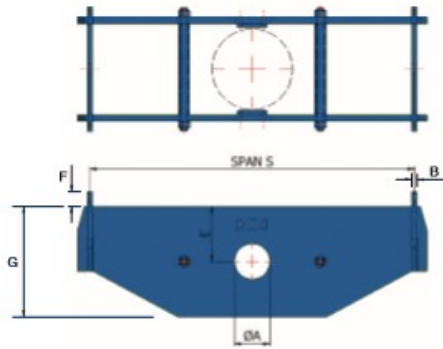
Refer to notes at end of table.

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in									lbs	lbs
130-650-T3-K1	26"	650	26	8.63	1	1112	600	78920	37 3/8	59 1/16	8 3/4	1 3/8	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2317	3064	
130-650-T3-K2	26"	650	26	8.63	1	1112	600	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	17 1/8	4 3/4	34 1/4	Alloy Steel	3915	4810	
130-650-T3-L1	26"	650	26	8.63	1	1112	600	100260	39	59 1/16	8 3/4	1 9/16	3 3/8	16 1/8	4 3/4	32 5/16	Alloy Steel	2831	3631	
130-650-T3-L2	26"	650	26	8.63	1	1112	600	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	19 1/8	4 3/4	38 3/16	Alloy Steel	5066	6206	
130-650-T3-M1	26"	650	26	8.63	1	1112	600	126100	39	59 1/16	8 3/4	1 9/16	3 3/8	17 1/8	4 3/4	34 1/4	Alloy Steel	3166	4081	
130-650-T3-M2	26"	650	26	8.63	1	1112	600	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	19 1/8	4 3/4	38 3/16	Alloy Steel	5066	6206	
130-700-T3-C1	28"	700	28	8.63	3/8	1112	600	4580	34 1/4	59 1/16	8 3/4	1/2	1 1/16	8 1/4	1 3/8	16 9/16	Alloy Steel	412	606	
130-700-T3-C2	28"	700	28	8.63	3/8	1112	600	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	9 1/4	1 3/8	18 1/2	Alloy Steel	794	1001	
130-700-T3-D1	28"	700	28	8.63	3/8	1112	600	7180	34 1/4	59 1/16	8 3/4	9/16	1 5/16	9 1/4	1 3/4	18 1/2	Alloy Steel	571	833	
130-700-T3-D2	28"	700	28	8.63	3/8	1112	600	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	9 1/4	1 3/4	18 1/2	Alloy Steel	833	1041	
130-700-T3-E1	28"	700	28	8.63	3/8	1112	600	10400	34 1/4	59 1/16	8 3/4	9/16	1 9/16	10 1/4	2 9/16	20 1/2	Alloy Steel	719	1056	
130-700-T3-E2	28"	700	28	8.63	3/8	1112	600	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	10 1/4	2 9/16	20 1/2	Alloy Steel	1058	1325	
130-700-T3-F1	28"	700	28	8.63	3/8	1112	600	16540	35 7/16	59 1/16	8 3/4	13/16	1 3/4	11 1/4	2 3/4	22 7/16	Alloy Steel	983	1387	
130-700-T3-F2	28"	700	28	8.63	3/8	1112	600	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	11 1/4	2 3/4	22 7/16	Alloy Steel	1387	1722	
130-700-T3-G1	28"	700	28	8.63	1/2	1112	600	24080	36 5/8	59 1/16	8 3/4	13/16	2 1/16	11 1/4	3 3/8	22 7/16	Alloy Steel	1023	1404	
130-700-T3-G2	28"	700	28	8.63	1/2	1112	600	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	12 3/16	3 3/8	24 7/16	Alloy Steel	1682	2092	
130-700-T3-H1	28"	700	28	8.63	9/16	1112	600	32980	36 5/8	59 1/16	8 3/4	1	2 3/8	12 3/16	3 9/16	24 7/16	Alloy Steel	1314	1781	
130-700-T3-H2	28"	700	28	8.63	9/16	1112	600	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	13 3/16	3 9/16	26 3/8	Alloy Steel	2094	2586	
130-700-T3-I1	28"	700	28	8.63	13/16	1112	600	43300	37 13/16	59 1/16	8 3/4	1 3/16	3	13 3/16	4 1/8	26 3/8	Alloy Steel	1691	2224	
130-700-T3-I2	28"	700	28	8.63	13/16	1112	600	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	15 3/16	4 1/8	30 5/16	Alloy Steel	2950	3629	
130-700-T3-J1	28"	700	28	8.63	13/16	1112	600	59780	39 3/8	59 1/16	8 3/4	1 3/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2299	2978	
130-700-T3-J2	28"	700	28	8.63	13/16	1112	600	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2981	3657	
130-700-T3-K1	28"	700	28	8.63	1	1112	600	78920	39 3/8	59 1/16	8 3/4	1 3/8	3 3/8	15 3/16	4 3/4	30 5/16	Alloy Steel	2440	3120	
130-700-T3-K2	28"	700	28	8.63	1	1112	600	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	17 1/8	4 3/4	34 1/4	Alloy Steel	3979	4872	
130-700-T3-L1	28"	700	28	8.63	1	1112	600	100260	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	16 1/8	4 3/4	32 5/16	Alloy Steel	2976	3697	
130-700-T3-L2	28"	700	28	8.63	1	1112	600	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	19 1/8	4 3/4	38 3/16	Alloy Steel	5146	6285	
130-700-T3-M1	28"	700	28	8.63	1	1112	600	126100	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	17 1/8	4 3/4	34 1/4	Alloy Steel	3327	4151	
130-700-T3-M2	28"	700	28	8.63	1	1112	600	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	19 1/8	4 3/4	38 3/16	Alloy Steel	5146	6285	
130-750-T3-D1	30"	750	30	10.75	3/8	1112	600	7180	36 1/4	59 1/16	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	637	897	
130-750-T3-D2	30"	750	30	10.75	3/8	1112	600	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	11 1/16	1 3/4	20 1/16	Alloy Steel	899	1124	
130-750-T3-E1	30"	750	30	10.75	3/8	1112	600	10400	36 1/4	59 1/16	10 15/16	9/16	1 9/16	10 1/16	2 9/16	22 1/16	Alloy Steel	796	1131	
130-750-T3-E2	30"	750	30	10.75	3/8	1112	600	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1131	1420	
130-750-T3-F1	30"	750	30	10.75	3/8	1112	600	16540	37 3/8	59 1/16	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1085	1479	
130-750-T3-F2	30"	750	30	10.75	3/8	1112	600	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1479	1839	
130-750-T3-G1	30"	750	30	10.75	1/2	1112	600	24080	38 9/16	59 1/16	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1124	1499	
130-750-T3-G2	30"	750	30	10.75	1/2	1112	600	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	13	3 3/8	26	Alloy Steel	1786	2222	
130-750-T3-H1	30"	750	30	10.75	9/16	1112	600	32980	38 9/16	59 1/16	10 15/16	1	2 3/8	13	3 9/16	26	Alloy Steel	1442	1896	
130-750-T3-H2	30"	750	30	10.75	9/16	1112	600	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	14	3 9/16	27 15/16	Alloy Steel	2218	2738	
130-750-T3-I1	30"	750	30	10.75	13/16	1112	600	43300	39 3/4	59 1/16	10 15/16	1 3/16	3	14	4 1/8	27 15/16	Alloy Steel	1847	2361	
130-750-T3-I2	30"	750	30	10.75	13/16	1112	600	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	3108	3821	
130-750-T3-J1	30"	750	30	10.75	13/16	1112	600	59780	41 5/16	59 1/16	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2493	3137	
130-750-T3-J2	30"	750	30	10.75	13/16	1112	600	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3139	3854	
130-750-T3-K1	30"	750	30	10.75	1	1112	600	78920	41 5/16	59 1/16	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2648	3291	
130-750-T3-K2	30"	750	30	10.75	1	1112	600	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4173	5108	
130-750-T3-L1	30"	750	30	10.75	1	1112	600	100260	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3221	3896	
130-750-T3-L2	30"	750	30	10.75	1	1112	600	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5379	6568	
130-750-T3-M1	30"	750	30	10.75	1	1112	600	126100	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	3591	4361	
130-750-T3-M2	30"	750	30	10.75	1	1112	600	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5379	6568	
130-800-T3-D1	32"	800	32	10.75	3/8	1112	600	7180	38 9/16	59 1/16	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	679	913	
130-800-T3-D2	32"	800	32	10.75	3/8	1112	600	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	915	1140	
130-800-T3-E1	32"	800	32	10.75	3/8	1112	600	10400	38 9/16	59 1/16	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	849	1149	
130-800-T3-E2	32"	800	32	10.75	3/8	1112	600	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1151	1437	
130-800-T3-F1	32"	800	32	10.75	3/8	1112	600	16540	39 3/8	59 1/16	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1144	1504	
130-800-T3-F2	32"	800	32	10.75	3/8	1112	600	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1506	1863	
130-800-T3-G1	32"	800	32	10.75	1/2	1112	600	24080	40 9/16	59 1/16	10 15/16	13/16	2 1/16	12	3 3/8	24	Alloy Steel	1186	1526	
130-800-T3-G2	32"	800	32	10.75	1/2	1112	600	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	13	3 3/8	26	Alloy Steel	1814	2251	
130-800-T3-H1	32"	800	32	10.75	9/16	1112	600	32980	40 9/16	59 1/16	10 15/16	1	2 3/8	13	3 9/16	26	Alloy Steel	1519	1929	
130-800-T3-H2	32"	800	32	10.75	9/16	1112	600	32980	59 1/8</											

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

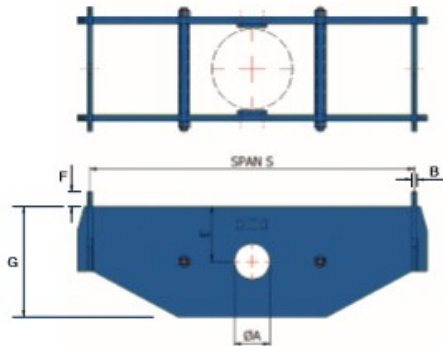
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	in	in	°F	°C	lbs	in	in	in	in	in	in	in	in		lbs	lbs
130-800-T3-J1	32"	800	32	10.75	13/16	1112	600	59780	43 5/16	59 1/16	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2617	3190
130-800-T3-J2	32"	800	32	10.75	13/16	1112	600	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3190	3904
130-800-T3-K1	32"	800	32	10.75	1	1112	600	78920	43 5/16	59 1/16	10 15/16	1 3/8	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2778	3349
130-800-T3-K2	32"	800	32	10.75	1	1112	600	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4239	5174
130-800-T3-L1	32"	800	32	10.75	1	1112	600	100260	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3371	3964
130-800-T3-L2	32"	800	32	10.75	1	1112	600	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5463	6649
130-800-T3-M1	32"	800	32	10.75	1	1112	600	126100	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	3759	4433
130-800-T3-M2	32"	800	32	10.75	1	1112	600	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5463	6649
130-850-T3-D1	34"	850	34	10.75	3/8	1112	600	7180	40 3/16	68 7/8	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	712	1041
130-850-T3-D2	34"	850	34	10.75	3/8	1112	600	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	11	1 3/4	22 1/16	Alloy Steel	1301	1590
130-850-T3-E1	34"	850	34	10.75	3/8	1112	600	10400	40 3/16	68 7/8	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	888	1310
130-850-T3-E2	34"	850	34	10.75	3/8	1112	600	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1312	1598
130-850-T3-F1	34"	850	34	10.75	3/8	1112	600	16540	41 5/16	68 7/8	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1204	1706
130-850-T3-F2	34"	850	34	10.75	3/8	1112	600	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	13	2 3/4	26	Alloy Steel	2037	2474
130-850-T3-G1	34"	850	34	10.75	1/2	1112	600	24080	42 1/2	68 7/8	10 15/16	13/16	2 1/16	13	3 3/8	26	Alloy Steel	1473	2059
130-850-T3-G2	34"	850	34	10.75	1/2	1112	600	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	14	3 3/8	27 15/16	Alloy Steel	2421	2941
130-850-T3-H1	34"	850	34	10.75	9/16	1112	600	32980	42 1/2	68 7/8	10 15/16	1	2 3/8	14	3 9/16	27 15/16	Alloy Steel	1850	2549
130-850-T3-H2	34"	850	34	10.75	9/16	1112	600	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	15 15/16	3 9/16	31 7/8	Alloy Steel	3384	4096
130-850-T3-I1	34"	850	34	10.75	13/16	1112	600	43300	43 11/16	68 7/8	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	2646	3563
130-850-T3-I2	34"	850	34	10.75	13/16	1112	600	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	3563	4277
130-850-T3-J1	34"	850	34	10.75	13/16	1112	600	59780	45 1/4	68 7/8	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2738	3596
130-850-T3-J2	34"	850	34	10.75	13/16	1112	600	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4074	4894
130-850-T3-K1	34"	850	34	10.75	1	1112	600	78920	45 1/4	68 7/8	10 15/16	1 3/8	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3263	4250
130-850-T3-K2	34"	850	34	10.75	1	1112	600	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4771	5706
130-850-T3-L1	34"	850	34	10.75	1	1112	600	100260	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	3922	4971
130-850-T3-L2	34"	850	34	10.75	1	1112	600	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6135	7321
130-850-T3-M1	34"	850	34	10.75	1	1112	600	126100	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	4804	6133
130-850-T3-M2	34"	850	34	10.75	1	1112	600	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6135	7321
130-900-T3-D1	36"	900	36	10.75	3/8	1112	600	7180	42 1/2	68 7/8	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	756	1056
130-900-T3-D2	36"	900	36	10.75	3/8	1112	600	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	11	1 3/4	22 1/16	Alloy Steel	1321	1607
130-900-T3-E1	36"	900	36	10.75	3/8	1112	600	10400	42 1/2	68 7/8	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	944	1329
130-900-T3-E2	36"	900	36	10.75	3/8	1112	600	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1329	1618
130-900-T3-F1	36"	900	36	10.75	3/8	1112	600	16540	43 11/16	68 7/8	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1274	1733
130-900-T3-F2	36"	900	36	10.75	3/8	1112	600	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	13	2 3/4	26	Alloy Steel	2068	2502
130-900-T3-G1	36"	900	36	10.75	1/2	1112	600	24080	44 1/2	68 7/8	10 15/16	13/16	2 1/16	13	3 3/8	26	Alloy Steel	1548	2090
130-900-T3-G2	36"	900	36	10.75	1/2	1112	600	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	14	3 3/8	27 15/16	Alloy Steel	2454	2974
130-900-T3-H1	36"	900	36	10.75	9/16	1112	600	32980	44 7/8	68 7/8	10 15/16	1	2 3/8	14	3 9/16	27 15/16	Alloy Steel	1951	2588
130-900-T3-H2	36"	900	36	10.75	9/16	1112	600	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	15 15/16	3 9/16	31 7/8	Alloy Steel	3428	4142
130-900-T3-I1	36"	900	36	10.75	13/16	1112	600	43300	45 11/16	68 7/8	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	2771	3616
130-900-T3-I2	36"	900	36	10.75	13/16	1112	600	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	3616	4330
130-900-T3-J1	36"	900	36	10.75	13/16	1112	600	59780	47 1/4	68 7/8	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2864	3651
130-900-T3-J2	36"	900	36	10.75	13/16	1112	600	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4131	4954
130-900-T3-K1	36"	900	36	10.75	1	1112	600	78920	47 5/8	68 7/8	10 15/16	1 3/8	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3426	4314
130-900-T3-K2	36"	900	36	10.75	1	1112	600	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4841	5776
130-900-T3-L1	36"	900	36	10.75	1	1112	600	100260	49 3/16	68 7/8	10 15/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4114	5051
130-900-T3-L2	36"	900	36	10.75	1	1112	600	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6224	7410
130-900-T3-M1	36"	900	36	10.75	1	1112	600	126100	49 3/16	68 7/8	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5033	6221
130-900-T3-M2	36"	900	36	10.75	1	1112	600	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6224	7410
130-950-T3-D1	38"	950	38	10.75	3/8	1112	600	7180	44 1/2	68 7/8	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	794	1071
130-950-T3-D2	38"	950	38	10.75	3/8	1112	600	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	11	1 3/4	22 1/16	Alloy Steel	1336	1625
130-950-T3-E1	38"	950	38	10.75	3/8	1112	600	10400	44 1/2	68 7/8	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	990	1347
130-950-T3-E2	38"	950	38	10.75	3/8	1112	600	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1347	1636
130-950-T3-F1	38"	950	38	10.75	3/8	1112	600	16540	45 11/16	68 7/8	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1334	1759
130-950-T3-F2	38"	950	38	10.75	3/8	1112	600	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	13	2 3/4	26	Alloy Steel	2094	2531
130-950-T3-G1	38"	950	38	10.75	1/2	1112	600	24080	46 7/16	68 7/8	10 15/16	13/16	2 1/16	13	3 3/8	26	Alloy Steel	1618	2116
130-950-T3-G2	38"	950	38	10.75	1/2	1112	600	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	14	3 3/8	27 15/16	Alloy Steel	2482	3005
130-950-T3-H1	38"	950																	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

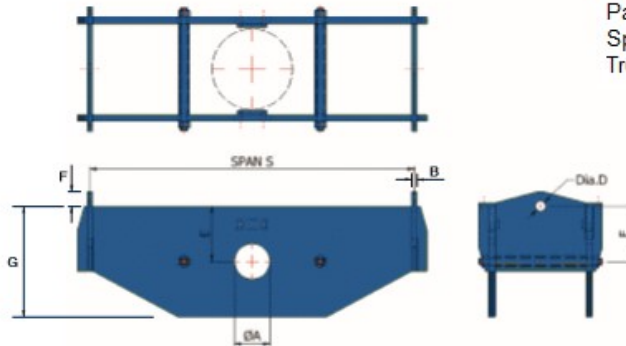
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm	in	in	in	°F	°C	lbs	in	in	in	in	in	in	in	in		lbs	lbs
130-950-T3-J1	38"	950	38	10.75	13/16	1112	600	59780	49 3/16	68 7/8	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	2985	3702
130-950-T3-J2	38"	950	38	10.75	13/16	1112	600	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4187	5007
130-950-T3-K1	38"	950	38	10.75	1	1112	600	78920	49 5/8	68 7/8	10 15/16	1 3/8	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3569	4376
130-950-T3-K2	38"	950	38	10.75	1	1112	600	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4905	5840
130-950-T3-L1	38"	950	38	10.75	1	1112	600	100260	51 3/16	68 7/8	10 15/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4279	5123
130-950-T3-L2	38"	950	38	10.75	1	1112	600	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6305	7491
130-950-T3-M1	38"	950	38	10.75	1	1112	600	126100	51 3/16	68 7/8	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5234	6303
130-950-T3-M2	38"	950	38	10.75	1	1112	600	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6305	7491
130-1000-T3-D1	40"	1000	40	10.75	3/8	1112	600	7180	46 7/16	68 7/8	10 15/16	9/16	1 5/16	10 1/16	1 3/4	20 1/16	Alloy Steel	831	1087
130-1000-T3-D2	40"	1000	40	10.75	3/8	1112	600	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	11	1 3/4	22 1/16	Alloy Steel	1354	1642
130-1000-T3-E1	40"	1000	40	10.75	3/8	1112	600	10400	46 7/16	68 7/8	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1036	1365
130-1000-T3-E2	40"	1000	40	10.75	3/8	1112	600	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	11	2 9/16	22 1/16	Alloy Steel	1365	1653
130-1000-T3-F1	40"	1000	40	10.75	3/8	1112	600	16540	47 5/8	68 7/8	10 15/16	13/16	1 3/4	12	2 3/4	24	Alloy Steel	1396	1784
130-1000-T3-F2	40"	1000	40	10.75	3/8	1112	600	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	13	2 3/4	26	Alloy Steel	2121	2557
130-1000-T3-G1	40"	1000	40	10.75	1/2	1112	600	24080	48 7/16	68 7/8	10 15/16	13/16	2 1/16	13	3 3/8	26	Alloy Steel	1691	2145
130-1000-T3-G2	40"	1000	40	10.75	1/2	1112	600	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	14	3 3/8	27 15/16	Alloy Steel	2513	3036
130-1000-T3-H1	40"	1000	40	10.75	9/16	1112	600	32980	48 13/16	68 7/8	10 15/16	1	2 3/8	14	3 9/16	27 15/16	Alloy Steel	2127	2661
130-1000-T3-H2	40"	1000	40	10.75	9/16	1112	600	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	15 15/16	3 9/16	31 7/8	Alloy Steel	3514	4228
130-1000-T3-I1	40"	1000	40	10.75	13/16	1112	600	43300	49 5/8	68 7/8	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	3014	3713
130-1000-T3-I2	40"	1000	40	10.75	13/16	1112	600	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	15 15/16	4 1/8	31 7/8	Alloy Steel	3715	4429
130-1000-T3-J1	40"	1000	40	10.75	13/16	1112	600	59780	51 3/16	68 7/8	10 15/16	1 3/16	3 3/8	15 15/16	4 3/4	31 7/8	Alloy Steel	3108	3752
130-1000-T3-J2	40"	1000	40	10.75	13/16	1112	600	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	4242	5062
130-1000-T3-K1	40"	1000	40	10.75	1	1112	600	78920	51 9/16	68 7/8	10 15/16	1 3/8	3 3/8	16 15/16	4 3/4	33 7/8	Alloy Steel	3713	4436
130-1000-T3-K2	40"	1000	40	10.75	1	1112	600	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4969	5906
130-1000-T3-L1	40"	1000	40	10.75	1	1112	600	100260	53 1/8	68 7/8	10 15/16	1 9/16	3 3/8	17 15/16	4 3/4	35 13/16	Alloy Steel	4444	5194
130-1000-T3-L2	40"	1000	40	10.75	1	1112	600	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6387	7573
130-1000-T3-M1	40"	1000	40	10.75	1	1112	600	126100	53 1/8	68 7/8	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	5434	6385
130-1000-T3-M2	40"	1000	40	10.75	1	1112	600	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	19 7/8	4 3/4	39 3/4	Alloy Steel	6387	7573
130-250-T4-B1	10"	250	10.75	3.5	3/8	1112	600	2460	16 9/16	39 3/8	3 9/16	3/8	3/4	3 3/4	1	7 1/2	9% Cr Steel	63.9	112
130-250-T4-B2	10"	250	10.75	3.5	3/8	1112	600	2460	39 7/16	59 1/16	3 9/16	3/8	3/4	4 5/16	1	8 11/16	9% Cr Steel	128	176
130-250-T4-C1	10"	250	10.75	3.5	3/8	1112	600	4580	16 15/16	39 3/8	3 9/16	1/2	1 1/16	4 5/16	1 3/8	8 11/16	9% Cr Steel	79.4	134
130-250-T4-C2	10"	250	10.75	3.5	3/8	1112	600	4580	39 7/16	59 1/16	3 9/16	1/2	1 1/16	5 5/16	1 3/8	10 5/8	9% Cr Steel	209	289
130-250-T4-D1	10"	250	10.75	3.5	3/8	1112	600	7180	16 15/16	39 3/8	3 9/16	9/16	1 5/16	5 5/16	1 3/4	10 5/8	9% Cr Steel	130	220
130-250-T4-D2	10"	250	10.75	3.5	3/8	1112	600	7180	39 7/16	59 1/16	3 9/16	9/16	1 5/16	5 5/16	1 3/4	10 5/8	9% Cr Steel	220	300
130-250-T4-E1	10"	250	10.75	3.5	3/8	1112	600	10400	16 15/16	39 3/8	3 9/16	9/16	1 9/16	5 5/16	2 9/16	10 5/8	9% Cr Steel	132	223
130-250-T4-E2	10"	250	10.75	3.5	3/8	1112	600	10400	39 7/16	59 1/16	3 9/16	9/16	1 9/16	6 5/16	2 9/16	12 5/8	9% Cr Steel	317	434
130-250-T4-F1	10"	250	10.75	3.5	3/8	1112	600	16540	18 7/8	39 3/8	3 9/16	13/16	1 3/4	6 5/16	2 3/4	12 5/8	9% Cr Steel	214	342
130-250-T4-F2	10"	250	10.75	3.5	3/8	1112	600	16540	39 7/16	59 1/16	3 9/16	13/16	1 3/4	7 5/16	2 3/4	14 9/16	9% Cr Steel	456	619
130-250-T4-G1	10"	250	10.75	3.5	1/2	1112	600	24080	18 7/8	39 3/8	3 9/16	13/16	2 1/16	7 5/16	3 3/8	14 9/16	9% Cr Steel	295	465
130-250-T4-G2	10"	250	10.75	3.5	1/2	1112	600	24080	39 7/16	59 1/16	3 9/16	13/16	2 1/16	7 5/16	3 3/8	14 9/16	9% Cr Steel	465	628
130-250-T4-H1	10"	250	10.75	3.5	9/16	1112	600	32980	19 5/16	39 3/8	3 9/16	1	2 3/8	7 5/16	3 9/16	14 9/16	9% Cr Steel	331	498
130-250-T4-H2	10"	250	10.75	3.5	9/16	1112	600	32980	39 7/16	59 1/16	3 9/16	1	2 3/8	8 1/4	3 9/16	16 9/16	9% Cr Steel	635	851
130-300-T4-B1	12"	300	12.75	4.5	3/8	1112	600	2460	18 7/8	39 3/8	4 5/8	3/8	3/4	4 1/8	1	8 1/4	9% Cr Steel	77.2	126
130-300-T4-B2	12"	300	12.75	4.5	3/8	1112	600	2460	39 7/16	59 1/16	4 5/8	3/8	3/4	4 3/4	1	9 7/16	9% Cr Steel	143	196
130-300-T4-C1	12"	300	12.75	4.5	3/8	1112	600	4580	18 7/8	39 3/8	4 5/8	1/2	1 1/16	4 3/4	1 3/8	9 7/16	9% Cr Steel	94.8	150
130-300-T4-C2	12"	300	12.75	4.5	3/8	1112	600	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	9% Cr Steel	227	313
130-300-T4-D1	12"	300	12.75	4.5	3/8	1112	600	7180	18 7/8	39 3/8	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	9% Cr Steel	154	243
130-300-T4-D2	12"	300	12.75	4.5	3/8	1112	600	7180	39 7/16	59 1/16	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	9% Cr Steel	243	326
130-300-T4-E1	12"	300	12.75	4.5	3/8	1112	600	10400	18 7/8	39 3/8	4 5/8	9/16	1 9/16	5 11/16	2 9/16	11 7/16	9% Cr Steel	157	247
130-300-T4-E2	12"	300	12.75	4.5	3/8	1112	600	10400	39 7/16	59 1/16	4 5/8	9/16	1 9/16	6 11/16	2 9/16	13 3/8	9% Cr Steel	344	467
130-300-T4-F1	12"	300	12.75	4.5	3/8	1112	600	16540	20 1/16	39 3/8	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	9% Cr Steel	251	373
130-300-T4-F2	12"	300	12.75	4.5	3/8	1112	600	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	7 11/16	2 3/4	15 3/8	9% Cr Steel	492	664
130-300-T4-G1	12"	300	12.75	4.5	1/2	1112	600	24080	20 7/8	39 3/8	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	9% Cr Steel	340	503
130-300-T4-G2	12"	300	12.75	4.5	1/2	1112	600	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	9% Cr Steel	503	675
130-300-T4-H1	12"	300	12.75	4.5	9/16	1112	600	32980	21 1/4	39 3/8	4 5/8	1	2 3/8	7 11/16	3 9/16	15 3/8	9% Cr Steel	381	540
130-300-T4-H2	12"	300	12.75	4.5	9/16	1112	600	32980	39 7/16	59 1/16	4 5/8	1	2 3/8	8 11/16	3 9/16	17 5/16	9% Cr Steel	683	908
130-300-T4-I1	12"	3																	

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Refer to notes at end of table.

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

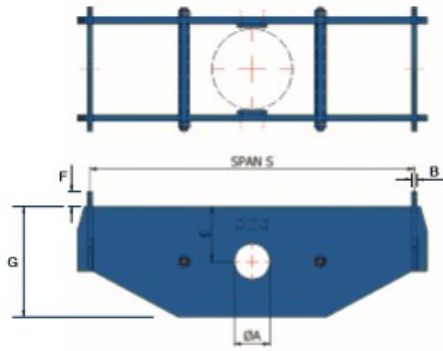
Range T3 - Alloy Steel

Range T4 - 9% Cr Steel

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)		Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C		in	in									lbs	lbs
130-350-T4-C1	14"	350	14	4.5	3/8	1112	600	4580	20 1/16	39 3/8	4 5/8	1/2	1 1/16	4 3/4	1 3/8	9 7/16	9% Cr Steel	101	154	
130-350-T4-C2	14"	350	14	4.5	3/8	1112	600	4580	39 7/16	59 1/16	4 5/8	1/2	1 1/16	5 11/16	1 3/8	11 7/16	9% Cr Steel	234	317	
130-350-T4-D1	14"	350	14	4.5	3/8	1112	600	7180	20 1/16	39 3/8	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	9% Cr Steel	163	247	
130-350-T4-D2	14"	350	14	4.5	3/8	1112	600	7180	39 7/16	59 1/16	4 5/8	9/16	1 5/16	5 11/16	1 3/4	11 7/16	9% Cr Steel	247	333	
130-350-T4-E1	14"	350	14	4.5	3/8	1112	600	10400	20 1/16	39 3/8	4 5/8	9/16	1 9/16	5 11/16	2 9/16	11 7/16	9% Cr Steel	168	251	
130-350-T4-E2	14"	350	14	4.5	3/8	1112	600	10400	39 7/16	59 1/16	4 5/8	9/16	1 9/16	6 11/16	2 9/16	13 3/8	9% Cr Steel	351	474	
130-350-T4-F1	14"	350	14	4.5	3/8	1112	600	16540	21 1/4	39 3/8	4 5/8	13/16	1 3/4	6 11/16	2 3/4	13 3/8	9% Cr Steel	267	381	
130-350-T4-F2	14"	350	14	4.5	3/8	1112	600	16540	39 7/16	59 1/16	4 5/8	13/16	1 3/4	7 11/16	2 3/4	15 3/8	9% Cr Steel	503	675	
130-350-T4-G1	14"	350	14	4.5	1/2	1112	600	24080	22 7/16	39 3/8	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	9% Cr Steel	366	514	
130-350-T4-G2	14"	350	14	4.5	1/2	1112	600	24080	39 7/16	59 1/16	4 5/8	13/16	2 1/16	7 11/16	3 3/8	15 3/8	9% Cr Steel	514	686	
130-350-T4-H1	14"	350	14	4.5	9/16	1112	600	32980	22 7/16	39 3/8	4 5/8	1	2 3/8	7 11/16	3 9/16	15 3/8	9% Cr Steel	403	553	
130-350-T4-H2	14"	350	14	4.5	9/16	1112	600	32980	39 7/16	59 1/16	4 5/8	1	2 3/8	8 11/16	3 9/16	17 5/16	9% Cr Steel	697	924	
130-350-T4-I1	14"	350	14	4.5	13/16	1112	600	43300	23 5/8	39 3/8	4 5/8	1 3/16	3	8 11/16	4 1/8	17 5/16	9% Cr Steel	575	756	
130-350-T4-I2	14"	350	14	4.5	13/16	1112	600	43300	39 7/16	59 1/16	4 5/8	1 3/16	3	9 5/8	4 1/8	19 5/16	9% Cr Steel	926	1213	
130-350-T4-J1	14"	350	14	4.5	13/16	1112	600	59780	25 3/16	39 3/8	4 5/8	1 3/16	3 3/8	8 11/16	4 3/4	17 5/16	9% Cr Steel	608	769	
130-350-T4-J2	14"	350	14	4.5	13/16	1112	600	59780	39 7/16	59 1/16	4 5/8	1 3/16	3 3/8	9 5/8	4 3/4	19 5/16	9% Cr Steel	941	1228	
130-400-T4-B1	16"	400	16	5.56	3/8	1112	600	2460	22 1/16	59 1/16	5 11/16	3/8	3/4	5 1/8	1	10 1/4	9% Cr Steel	110	218	
130-400-T4-B2	16"	400	16	5.56	3/8	1112	600	2460	59 1/8	78 3/4	5 11/16	3/8	3/4	5 1/8	1	10 1/4	9% Cr Steel	218	276	
130-400-T4-C1	16"	400	16	5.56	3/8	1112	600	4580	22 1/16	59 1/16	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	9% Cr Steel	172	344	
130-400-T4-C2	16"	400	16	5.56	3/8	1112	600	4580	59 1/8	78 3/4	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	9% Cr Steel	344	434	
130-400-T4-D1	16"	400	16	5.56	3/8	1112	600	7180	22 1/16	59 1/16	5 11/16	9/16	1 5/16	6 1/8	1 3/4	12 3/16	9% Cr Steel	190	362	
130-400-T4-D2	16"	400	16	5.56	3/8	1112	600	7180	59 1/8	78 3/4	5 11/16	9/16	1 5/16	7 1/16	1 3/4	14 3/16	9% Cr Steel	505	637	
130-400-T4-E1	16"	400	16	5.56	3/8	1112	600	10400	22 1/16	59 1/16	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	9% Cr Steel	260	509	
130-400-T4-E2	16"	400	16	5.56	3/8	1112	600	10400	59 1/8	78 3/4	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	9% Cr Steel	509	642	
130-400-T4-F1	16"	400	16	5.56	3/8	1112	600	16540	23 1/4	59 1/16	5 11/16	13/16	1 3/4	8 1/16	2 3/4	16 1/8	9% Cr Steel	390	719	
130-400-T4-F2	16"	400	16	5.56	3/8	1112	600	16540	59 1/8	78 3/4	5 11/16	13/16	1 3/4	8 1/16	2 3/4	16 1/8	9% Cr Steel	719	899	
130-400-T4-G1	16"	400	16	5.56	1/2	1112	600	24080	24 7/16	59 1/16	5 11/16	13/16	2 1/16	8 1/16	3 3/8	16 1/8	9% Cr Steel	412	730	
130-400-T4-G2	16"	400	16	5.56	1/2	1112	600	24080	59 1/8	78 3/4	5 11/16	13/16	2 1/16	9 1/16	3 3/8	18 1/8	9% Cr Steel	930	1166	
130-400-T4-H1	16"	400	16	5.56	9/16	1112	600	32980	24 7/16	59 1/16	5 11/16	1	2 3/8	9 1/16	3 9/16	18 1/8	9% Cr Steel	564	981	
130-400-T4-H2	16"	400	16	5.56	9/16	1112	600	32980	59 1/8	78 3/4	5 11/16	1	2 3/8	10 1/16	3 9/16	20 1/16	9% Cr Steel	1213	1512	
130-400-T4-I1	16"	400	16	5.56	13/16	1112	600	43300	25 9/16	59 1/16	5 11/16	1 3/16	3	10 1/16	4 1/8	20 1/16	9% Cr Steel	774	1283	
130-400-T4-I2	16"	400	16	5.56	13/16	1112	600	43300	59 1/8	78 3/4	5 11/16	1 3/16	3	10 1/16	4 1/8	20 1/16	9% Cr Steel	1285	1583	
130-400-T4-J1	16"	400	16	5.56	13/16	1112	600	59780	27 3/16	59 1/16	5 11/16	1 3/16	3 3/8	10 1/16	4 3/4	20 1/16	9% Cr Steel	816	1301	
130-400-T4-J2	16"	400	16	5.56	13/16	1112	600	59780	59 1/8	78 3/4	5 11/16	1 3/16	3 3/8	11	4 3/4	22 1/16	9% Cr Steel	1567	1936	
130-400-T4-K1	16"	400	16	5.56	1	1112	600	78920	27 3/16	59 1/16	5 11/16	1 3/8	3 3/8	11	4 3/4	22 1/16	9% Cr Steel	1041	1640	
130-400-T4-K2	16"	400	16	5.56	1	1112	600	78920	59 1/8	78 3/4	5 11/16	1 3/8	3 3/8	12	4 3/4	24	9% Cr Steel	1940	2388	
130-450-T4-B1	18"	450	18	5.56	3/8	1112	600	2460	24	59 1/16	5 11/16	3/8	3/4	5 1/8	1	10 1/4	9% Cr Steel	121	223	
130-450-T4-B2	18"	450	18	5.56	3/8	1112	600	2460	59 1/8	78 3/4	5 11/16	3/8	3/4	5 1/8	1	10 1/4	9% Cr Steel	223	280	
130-450-T4-C1	18"	450	18	5.56	3/8	1112	600	4580	24	59 1/16	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	9% Cr Steel	190	351	
130-450-T4-C2	18"	450	18	5.56	3/8	1112	600	4580	59 1/8	78 3/4	5 11/16	1/2	1 1/16	6 1/8	1 3/8	12 3/16	9% Cr Steel	351	443	
130-450-T4-D1	18"	450	18	5.56	3/8	1112	600	7180	24 7/16	59 1/16	5 11/16	9/16	1 5/16	6 1/8	1 3/4	12 3/16	9% Cr Steel	209	370	
130-450-T4-D2	18"	450	18	5.56	3/8	1112	600	7180	59 1/8	78 3/4	5 11/16	9/16	1 5/16	7 1/16	1 3/4	14 3/16	9% Cr Steel	516	648	
130-450-T4-E1	18"	450	18	5.56	3/8	1112	600	10400	24 7/16	59 1/16	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	9% Cr Steel	287	520	
130-450-T4-E2	18"	450	18	5.56	3/8	1112	600	10400	59 1/8	78 3/4	5 11/16	9/16	1 9/16	7 1/16	2 9/16	14 3/16	9% Cr Steel	520	653	
130-450-T4-F1	18"	450	18	5.56	3/8	1112	600	16540	25 3/16	59 1/16	5 11/16	13/16	1 3/4	8 1/16	2 3/4	16 1/8	9% Cr Steel	425	736	
130-450-T4-F2	18"	450	18	5.56	3/8	1112	600	16540	59 1/8	78 3/4	5 11/16	13/16	1 3/4	8 1/16	2 3/4	16 1/8	9% Cr Steel	736	917	
130-450-T4-G1	18"	450	18	5.56	1/2	1112	600	24080	26 3/8	59 1/16	5 11/16	13/16	2 1/16	8 1/16	3 3/8	16 1/8	9% Cr Steel	448	750	
130-450-T4-G2	18"	450	18	5.56	1/2	1112	600	24080	59 1/8	78 3/4	5 11/16	13/16	2 1/16	9 1/16	3 3/8	18 1/8	9% Cr Steel	950	1186	
130-450-T4-H1	18"	450	18	5.56	9/16	1112	600	32980	26 3/8	59 1/16	5 11/16	1	2 3/8	9 1/16	3 9/16	18 1/8	9% Cr Steel	611	1005	
130-450-T4-H2	18"	450	18	5.56	9/16	1112	600	32980	59 1/8	78 3/4	5 11/16	1	2 3/8	10 1/16	3 9/16	20 1/16	9% Cr Steel	1239	1539	
130-450-T4-I1	18"	450	18	5.56	13/16	1112	600	43300	27 9/16	59 1/16	5 11/16	1 3/16	3	10 1/16	4 1/8	20 1/16	9% Cr Steel	836	1316	
130-450-T4-I2	18"	450	18	5.56	13/16	1112	600	43300	59 1/8	78 3/4	5 11/16	1 3/16	3	10 1/16	4 1/8	20 1/16	9% Cr Steel	1316	1616	
130-450-T4-J1	18"	450	18	5.56	13/16	1112	600	59780	29 1/8	59 1/16	5 11/16	1 3/16	3 3/8	10 1/16	4 3/4	20 1/16	9% Cr Steel	877	1334	
130-450-T4-J2	18"	450	18	5.56	13/16	1112	600	59780	59 1/8	78 3/4	5 11/16	1 3/16	3 3/8	11	4 3/4	22 1/16	9% Cr Steel	1603	1973	
130-450-T4-K1	18"	450	18	5.56	1	1112	600	78920	29 1/8	59 1/16	5 11/16	1 3/8	3 3/8	11	4 3/4	22 1/16	9% Cr Steel	1118	1682	
130-450-T4-K2	18"	450	18	5.56	1	1112	600	78920	59 1/8	78 3/4	5 11/16	1 3/8	3 3/8	12	4 3/4	24	9% Cr Steel	1986	2434	
130-450-T4-L1	18"	450	18	5.56	1	1112	600													

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

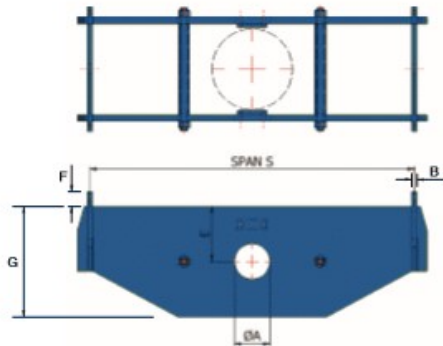
Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				in	in												
130-500-T4-C1	20"	500	20	6.63	3/8	1112	600	4580	26	59 1/16	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	9% Cr Steel	214	377
130-500-T4-C2	20"	500	20	6.63	3/8	1112	600	4580	59 1/8	78 3/4	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	9% Cr Steel	377	474
130-500-T4-D1	20"	500	20	6.63	3/8	1112	600	7180	26 3/8	59 1/16	6 3/4	9/16	1 5/16	6 1/2	1 3/4	13	9% Cr Steel	238	399
130-500-T4-D2	20"	500	20	6.63	3/8	1112	600	7180	59 1/8	78 3/4	6 3/4	9/16	1 5/16	7 1/2	1 3/4	14 15/16	9% Cr Steel	549	690
130-500-T4-E1	20"	500	20	6.63	3/8	1112	600	10400	26 3/8	59 1/16	6 3/4	9/16	1 9/16	7 1/2	2 9/16	14 15/16	9% Cr Steel	324	556
130-500-T4-E2	20"	500	20	6.63	3/8	1112	600	10400	59 1/8	78 3/4	6 3/4	9/16	1 9/16	7 1/2	2 9/16	14 15/16	9% Cr Steel	556	694
130-500-T4-F1	20"	500	20	6.63	3/8	1112	600	16540	27 9/16	59 1/16	6 3/4	13/16	1 3/4	8 7/16	2 3/4	16 15/16	9% Cr Steel	478	783
130-500-T4-F2	20"	500	20	6.63	3/8	1112	600	16540	59 1/8	78 3/4	6 3/4	13/16	1 3/4	8 7/16	2 3/4	16 15/16	9% Cr Steel	783	972
130-500-T4-G1	20"	500	20	6.63	1/2	1112	600	24080	28 3/8	59 1/16	6 3/4	13/16	2 1/16	8 7/16	3 3/8	16 15/16	9% Cr Steel	500	796
130-500-T4-G2	20"	500	20	6.63	1/2	1112	600	24080	59 1/8	78 3/4	6 3/4	13/16	2 1/16	9 7/16	3 3/8	18 7/8	9% Cr Steel	1003	1250
130-500-T4-H1	20"	500	20	6.63	9/16	1112	600	32980	28 3/4	59 1/16	6 3/4	1	2 3/8	9 7/16	3 9/16	18 7/8	9% Cr Steel	683	1065
130-500-T4-H2	20"	500	20	6.63	9/16	1112	600	32980	59 1/8	78 3/4	6 3/4	1	2 3/8	10 7/16	3 9/16	20 7/8	9% Cr Steel	1305	1616
130-500-T4-I1	20"	500	20	6.63	13/16	1112	600	43300	29 1/2	59 1/16	6 3/4	1 3/16	3	10 7/16	4 1/8	20 7/8	9% Cr Steel	922	1389
130-500-T4-I2	20"	500	20	6.63	13/16	1112	600	43300	59 1/8	78 3/4	6 3/4	1 3/16	3	10 7/16	4 1/8	20 7/8	9% Cr Steel	1391	1702
130-500-T4-J1	20"	500	20	6.63	13/16	1112	600	59780	31 1/8	59 1/16	6 3/4	1 3/16	3 3/8	10 7/16	4 3/4	20 7/8	9% Cr Steel	966	1409
130-500-T4-J2	20"	500	20	6.63	13/16	1112	600	59780	59 1/8	78 3/4	6 3/4	1 3/16	3 3/8	11 7/16	4 3/4	22 13/16	9% Cr Steel	1687	2068
130-500-T4-K1	20"	500	20	6.63	1	1112	600	78920	31 1/2	59 1/16	6 3/4	1 3/8	3 3/8	11 7/16	4 3/4	22 13/16	9% Cr Steel	1235	1770
130-500-T4-K2	20"	500	20	6.63	1	1112	600	78920	59 1/8	78 3/4	6 3/4	1 3/8	3 3/8	12 3/8	4 3/4	24 13/16	9% Cr Steel	2083	2544
130-500-T4-L1	20"	500	20	6.63	1	1112	600	100260	33 1/16	59 1/16	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	9% Cr Steel	1567	2180
130-500-T4-L2	20"	500	20	6.63	1	1112	600	100260	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	9% Cr Steel	2901	3545
130-500-T4-M1	20"	500	20	6.63	1	1112	600	126100	33 1/16	59 1/16	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	9% Cr Steel	2050	2901
130-500-T4-M2	20"	500	20	6.63	1	1112	600	126100	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	9% Cr Steel	2901	3545
130-550-T4-C1	22"	550	22	6.63	3/8	1112	600	4580	27 15/16	59 1/16	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	9% Cr Steel	231	384
130-550-T4-C2	22"	550	22	6.63	3/8	1112	600	4580	59 1/8	78 3/4	6 3/4	1/2	1 1/16	6 1/2	1 3/8	13	9% Cr Steel	386	483
130-550-T4-D1	22"	550	22	6.63	3/8	1112	600	7180	28 3/8	59 1/16	6 3/4	9/16	1 5/16	6 1/2	1 3/4	13	9% Cr Steel	256	408
130-550-T4-D2	22"	550	22	6.63	3/8	1112	600	7180	59 1/8	78 3/4	6 3/4	9/16	1 5/16	7 1/2	1 3/4	14 15/16	9% Cr Steel	560	701
130-550-T4-E1	22"	550	22	6.63	3/8	1112	600	10400	28 3/8	59 1/16	6 3/4	9/16	1 9/16	7 1/2	2 9/16	14 15/16	9% Cr Steel	348	567
130-550-T4-E2	22"	550	22	6.63	3/8	1112	600	10400	59 1/8	78 3/4	6 3/4	9/16	1 9/16	7 1/2	2 9/16	14 15/16	9% Cr Steel	567	708
130-550-T4-F1	22"	550	22	6.63	3/8	1112	600	16540	29 1/2	59 1/16	6 3/4	13/16	1 3/4	8 7/16	2 3/4	16 15/16	9% Cr Steel	514	798
130-550-T4-F2	22"	550	22	6.63	3/8	1112	600	16540	59 1/8	78 3/4	6 3/4	13/16	1 3/4	8 7/16	2 3/4	16 15/16	9% Cr Steel	800	990
130-550-T4-G1	22"	550	22	6.63	1/2	1112	600	24080	30 5/16	59 1/16	6 3/4	13/16	2 1/16	8 7/16	3 3/8	16 15/16	9% Cr Steel	536	813
130-550-T4-G2	22"	550	22	6.63	1/2	1112	600	24080	59 1/8	78 3/4	6 3/4	13/16	2 1/16	9 7/16	3 3/8	18 7/8	9% Cr Steel	1025	1270
130-550-T4-H1	22"	550	22	6.63	9/16	1112	600	32980	30 11/16	59 1/16	6 3/4	1	2 3/8	9 7/16	3 9/16	18 7/8	9% Cr Steel	732	1089
130-550-T4-H2	22"	550	22	6.63	9/16	1112	600	32980	59 1/8	78 3/4	6 3/4	1	2 3/8	10 7/16	3 9/16	20 7/8	9% Cr Steel	1332	1642
130-550-T4-I1	22"	550	22	6.63	13/16	1112	600	43300	31 1/2	59 1/16	6 3/4	1 3/16	3	10 7/16	4 1/8	20 7/8	9% Cr Steel	985	1422
130-550-T4-I2	22"	550	22	6.63	13/16	1112	600	43300	59 1/8	78 3/4	6 3/4	1 3/16	3	10 7/16	4 1/8	20 7/8	9% Cr Steel	1422	1733
130-550-T4-J1	22"	550	22	6.63	13/16	1112	600	59780	33 1/16	59 1/16	6 3/4	1 3/16	3 3/8	10 7/16	4 3/4	20 7/8	9% Cr Steel	1032	1442
130-550-T4-J2	22"	550	22	6.63	13/16	1112	600	59780	59 1/8	78 3/4	6 3/4	1 3/16	3 3/8	11 7/16	4 3/4	22 13/16	9% Cr Steel	1722	2105
130-550-T4-K1	22"	550	22	6.63	1	1112	600	78920	33 7/16	59 1/16	6 3/4	1 3/8	3 3/8	11 7/16	4 3/4	22 13/16	9% Cr Steel	1314	1812
130-550-T4-K2	22"	550	22	6.63	1	1112	600	78920	59 1/8	78 3/4	6 3/4	1 3/8	3 3/8	12 3/8	4 3/4	24 13/16	9% Cr Steel	2127	2590
130-550-T4-L1	22"	550	22	6.63	1	1112	600	100260	35 1/16	59 1/16	6 3/4	1 9/16	3 3/8	12 3/8	4 3/4	24 13/16	9% Cr Steel	1664	2231
130-550-T4-L2	22"	550	22	6.63	1	1112	600	100260	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	9% Cr Steel	2961	3602
130-550-T4-M1	22"	550	22	6.63	1	1112	600	126100	35 1/16	59 1/16	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	9% Cr Steel	2174	2959
130-550-T4-M2	22"	550	22	6.63	1	1112	600	126100	59 1/8	78 3/4	6 3/4	1 9/16	3 3/8	14 3/8	4 3/4	28 3/4	9% Cr Steel	2961	3602
130-600-T4-C1	24"	600	24	8.63	3/8	1112	600	4580	30 5/16	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	9% Cr Steel	271	430
130-600-T4-C2	24"	600	24	8.63	3/8	1112	600	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	9% Cr Steel	430	538
130-600-T4-D1	24"	600	24	8.63	3/8	1112	600	7180	30 5/16	59 1/16	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	9% Cr Steel	298	456
130-600-T4-D2	24"	600	24	8.63	3/8	1112	600	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	9% Cr Steel	617	772
130-600-T4-E1	24"	600	24	8.63	3/8	1112	600	10400	30 5/16	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	9% Cr Steel	399	624
130-600-T4-E2	24"	600	24	8.63	3/8	1112	600	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	9% Cr Steel	626	780
130-600-T4-F1	24"	600	24	8.63	3/8	1112	600	16540	31 1/2	59 1/16	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	9% Cr Steel	584	875
130-600-T4-F2	24"	600	24	8.63	3/8	1112	600	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	9% Cr Steel	875	1082
130-600-T4-G1	24"	600	24	8.63	1/2	1112	600	24080	32 5/16	59 1/16	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	9% Cr Steel	608	891
130-600-T4-G2	24"	600	24	8.63	1														

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

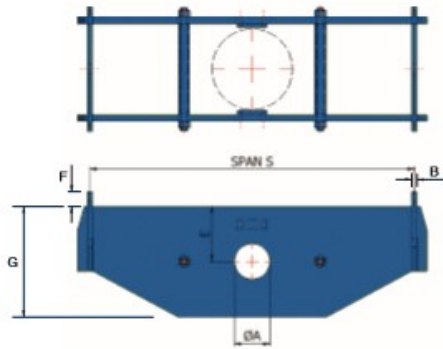
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-600-T4-K1	24"	600	24	8.63	1	1112	600	78920	35 7/16	59 1/16	8 3/4	1 3/8	3 3/8	12 3/16	4 3/4	24 7/16	9% Cr Steel	1457	1951
130-600-T4-K2	24"	600	24	8.63	1	1112	600	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	13 3/16	4 3/4	26 3/8	9% Cr Steel	2277	2769
130-600-T4-L1	24"	600	24	8.63	1	1112	600	100260	37	59 1/16	8 3/4	1 9/16	3 3/8	13 3/16	4 3/4	26 3/8	9% Cr Steel	1839	2392
130-600-T4-L2	24"	600	24	8.63	1	1112	600	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	3146	3825
130-600-T4-M1	24"	600	24	8.63	1	1112	600	126100	37	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	2383	3144
130-600-T4-M2	24"	600	24	8.63	1	1112	600	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	3146	3825
130-650-T4-C1	26"	650	26	8.63	3/8	1112	600	4580	32 5/16	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	9% Cr Steel	291	439
130-650-T4-C2	26"	650	26	8.63	3/8	1112	600	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	9% Cr Steel	439	547
130-650-T4-D1	26"	650	26	8.63	3/8	1112	600	7180	32 5/16	59 1/16	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	9% Cr Steel	320	467
130-650-T4-D2	26"	650	26	8.63	3/8	1112	600	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	9% Cr Steel	631	785
130-650-T4-E1	26"	650	26	8.63	3/8	1112	600	10400	32 5/16	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	9% Cr Steel	428	637
130-650-T4-E2	26"	650	26	8.63	3/8	1112	600	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	9% Cr Steel	639	794
130-650-T4-F1	26"	650	26	8.63	3/8	1112	600	16540	33 7/16	59 1/16	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	9% Cr Steel	624	893
130-650-T4-F2	26"	650	26	8.63	3/8	1112	600	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	9% Cr Steel	893	1100
130-650-T4-G1	26"	650	26	8.63	1/2	1112	600	24080	34 1/4	59 1/16	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	9% Cr Steel	648	910
130-650-T4-G2	26"	650	26	8.63	1/2	1112	600	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	10 1/4	3 3/8	20 1/2	9% Cr Steel	1133	1400
130-650-T4-H1	26"	650	26	8.63	9/16	1112	600	32980	34 5/8	59 1/16	8 3/4	1	2 3/8	10 1/4	3 9/16	20 1/2	9% Cr Steel	877	1210
130-650-T4-H2	26"	650	26	8.63	9/16	1112	600	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	9% Cr Steel	1466	1801
130-650-T4-I1	26"	650	26	8.63	13/16	1112	600	43300	35 13/16	59 1/16	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	9% Cr Steel	1177	1572
130-650-T4-I2	26"	650	26	8.63	13/16	1112	600	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	9% Cr Steel	1572	1907
130-650-T4-J1	26"	650	26	8.63	13/16	1112	600	59780	37	59 1/16	8 3/4	1 3/16	3 3/8	11 1/4	4 3/4	22 7/16	9% Cr Steel	1221	1596
130-650-T4-J2	26"	650	26	8.63	13/16	1112	600	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	12 3/16	4 3/4	24 7/16	9% Cr Steel	1889	2299
130-650-T4-K1	26"	650	26	8.63	1	1112	600	78920	37 3/8	59 1/16	8 3/4	1 3/8	3 3/8	12 3/16	4 3/4	24 7/16	9% Cr Steel	1543	1995
130-650-T4-K2	26"	650	26	8.63	1	1112	600	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	13 3/16	4 3/4	26 3/8	9% Cr Steel	2326	2817
130-650-T4-L1	26"	650	26	8.63	1	1112	600	100260	39	59 1/16	8 3/4	1 9/16	3 3/8	13 3/16	4 3/4	26 3/8	9% Cr Steel	1944	2447
130-650-T4-L2	26"	650	26	8.63	1	1112	600	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	3210	3887
130-650-T4-M1	26"	650	26	8.63	1	1112	600	126100	39	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	2515	3208
130-650-T4-M2	26"	650	26	8.63	1	1112	600	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	3210	3887
130-700-T4-C1	28"	700	28	8.63	3/8	1112	600	4580	34 1/4	59 1/16	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	9% Cr Steel	309	448
130-700-T4-C2	28"	700	28	8.63	3/8	1112	600	4580	59 1/8	78 3/4	8 3/4	1/2	1 1/16	7 5/16	1 3/8	14 9/16	9% Cr Steel	448	556
130-700-T4-D1	28"	700	28	8.63	3/8	1112	600	7180	34 1/4	59 1/16	8 3/4	9/16	1 5/16	7 5/16	1 3/4	14 9/16	9% Cr Steel	342	478
130-700-T4-D2	28"	700	28	8.63	3/8	1112	600	7180	59 1/8	78 3/4	8 3/4	9/16	1 5/16	8 1/4	1 3/4	16 9/16	9% Cr Steel	644	798
130-700-T4-E1	28"	700	28	8.63	3/8	1112	600	10400	34 1/4	59 1/16	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	9% Cr Steel	456	650
130-700-T4-E2	28"	700	28	8.63	3/8	1112	600	10400	59 1/8	78 3/4	8 3/4	9/16	1 9/16	8 1/4	2 9/16	16 9/16	9% Cr Steel	653	805
130-700-T4-F1	28"	700	28	8.63	3/8	1112	600	16540	35 7/16	59 1/16	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	9% Cr Steel	664	913
130-700-T4-F2	28"	700	28	8.63	3/8	1112	600	16540	59 1/8	78 3/4	8 3/4	13/16	1 3/4	9 1/4	2 3/4	18 1/2	9% Cr Steel	913	1120
130-700-T4-G1	28"	700	28	8.63	1/2	1112	600	24080	36 5/8	59 1/16	8 3/4	13/16	2 1/16	9 1/4	3 3/8	18 1/2	9% Cr Steel	692	930
130-700-T4-G2	28"	700	28	8.63	1/2	1112	600	24080	59 1/8	78 3/4	8 3/4	13/16	2 1/16	10 1/4	3 3/8	20 1/2	9% Cr Steel	1155	1422
130-700-T4-H1	28"	700	28	8.63	9/16	1112	600	32980	36 5/8	59 1/16	8 3/4	1	2 3/8	10 1/4	3 9/16	20 1/2	9% Cr Steel	930	1237
130-700-T4-H2	28"	700	28	8.63	9/16	1112	600	32980	59 1/8	78 3/4	8 3/4	1	2 3/8	11 1/4	3 9/16	22 7/16	9% Cr Steel	1497	1830
130-700-T4-I1	28"	700	28	8.63	13/16	1112	600	43300	37 13/16	59 1/16	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	9% Cr Steel	1243	1607
130-700-T4-I2	28"	700	28	8.63	13/16	1112	600	43300	59 1/8	78 3/4	8 3/4	1 3/16	3	11 1/4	4 1/8	22 7/16	9% Cr Steel	1607	1942
130-700-T4-J1	28"	700	28	8.63	13/16	1112	600	59780	39 3/8	59 1/16	8 3/4	1 3/16	3 3/8	11 1/4	4 3/4	22 7/16	9% Cr Steel	1296	1631
130-700-T4-J2	28"	700	28	8.63	13/16	1112	600	59780	59 1/8	78 3/4	8 3/4	1 3/16	3 3/8	12 3/16	4 3/4	24 7/16	9% Cr Steel	1929	2339
130-700-T4-K1	28"	700	28	8.63	1	1112	600	78920	39 3/8	59 1/16	8 3/4	1 3/8	3 3/8	12 3/16	4 3/4	24 7/16	9% Cr Steel	1629	2039
130-700-T4-K2	28"	700	28	8.63	1	1112	600	78920	59 1/8	78 3/4	8 3/4	1 3/8	3 3/8	13 3/16	4 3/4	26 3/8	9% Cr Steel	2372	2864
130-700-T4-L1	28"	700	28	8.63	1	1112	600	100260	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	13 3/16	4 3/4	26 3/8	9% Cr Steel	2046	2500
130-700-T4-L2	28"	700	28	8.63	1	1112	600	100260	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	3272	3951
130-700-T4-M1	28"	700	28	8.63	1	1112	600	126100	40 15/16	59 1/16	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	2646	3269
130-700-T4-M2	28"	700	28	8.63	1	1112	600	126100	59 1/8	78 3/4	8 3/4	1 9/16	3 3/8	15 3/16	4 3/4	30 5/16	9% Cr Steel	3272	3951
130-750-T4-D1	30"	750	30	10.75	3/8	1112	600	7180	36 1/4	59 1/16	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	9% Cr Steel	386	527
130-750-T4-D2	30"	750	30	10.75	3/8	1112	600	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	9% Cr Steel	701	869
130-750-T4-E1	30"	750	30	10.75	3/8	1112	600	10400	36 1/4	59 1/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	9% Cr Steel	511	708
130-750-T4-E2	30"	750	30	10.75	3/8	1112	600	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	9% Cr Steel	710	877
130-750-T4-F1	30"	750	30	10.75	3/8	1112	600	16540	37 3/8	59 1/16	10 15/16	13/16	1 3/4	10 1/16					

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:

Part Number

Span "S"

Trunnion O/D if not as per Table

Materials:

Range T0 - Carbon Steel

Range T1 - Alloy Steel

Range T2 - Alloy Steel

Range T3 - Alloy Steel

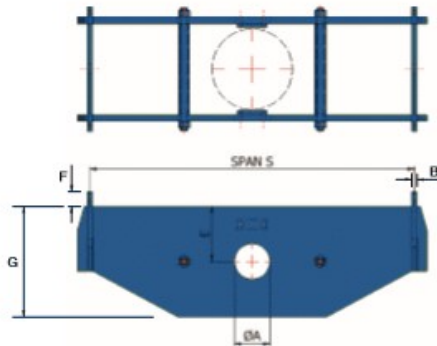
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				in	in											in	°F
130-750-T4-I1	30"	750	30	10.75	13/16	1112	600	43300	39 3/4	59 1/16	10 15/16	1 3/16	3	12	4 1/8	24	9% Cr Steel	1369	1722
130-750-T4-I2	30"	750	30	10.75	13/16	1112	600	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	12	4 1/8	24	9% Cr Steel	1722	2081
130-750-T4-J1	30"	750	30	10.75	13/16	1112	600	59780	41 5/16	59 1/16	10 15/16	1 3/16	3 3/8	12	4 3/4	24	9% Cr Steel	1426	1748
130-750-T4-J2	30"	750	30	10.75	13/16	1112	600	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	13	4 3/4	26	9% Cr Steel	2057	2493
130-750-T4-K1	30"	750	30	10.75	1	1112	600	78920	41 5/16	59 1/16	10 15/16	1 3/8	3 3/8	13	4 3/4	26	9% Cr Steel	1786	2178
130-750-T4-K2	30"	750	30	10.75	1	1112	600	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2522	3045
130-750-T4-L1	30"	750	30	10.75	1	1112	600	100260	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2233	2661
130-750-T4-L2	30"	750	30	10.75	1	1112	600	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3457	4169
130-750-T4-M1	30"	750	30	10.75	1	1112	600	126100	42 15/16	59 1/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	2868	3455
130-750-T4-M2	30"	750	30	10.75	1	1112	600	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3457	4169
130-800-T4-D1	32"	800	32	10.75	3/8	1112	600	7180	38 9/16	59 1/16	10 15/16	9/16	1 5/16	8 1/16	1 3/4	16 1/8	9% Cr Steel	412	538
130-800-T4-D2	32"	800	32	10.75	3/8	1112	600	7180	59 1/8	78 3/4	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	9% Cr Steel	714	882
130-800-T4-E1	32"	800	32	10.75	3/8	1112	600	10400	38 9/16	59 1/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	9% Cr Steel	547	723
130-800-T4-E2	32"	800	32	10.75	3/8	1112	600	10400	59 1/8	78 3/4	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	9% Cr Steel	723	891
130-800-T4-F1	32"	800	32	10.75	3/8	1112	600	16540	39 3/8	59 1/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	9% Cr Steel	783	1008
130-800-T4-F2	32"	800	32	10.75	3/8	1112	600	16540	59 1/8	78 3/4	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	9% Cr Steel	1008	1232
130-800-T4-G1	32"	800	32	10.75	1/2	1112	600	24080	40 9/16	59 1/16	10 15/16	13/16	2 1/16	10 1/16	3 3/8	20 1/16	9% Cr Steel	816	1025
130-800-T4-G2	32"	800	32	10.75	1/2	1112	600	24080	59 1/8	78 3/4	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	9% Cr Steel	1263	1550
130-800-T4-H1	32"	800	32	10.75	9/16	1112	600	32980	40 9/16	59 1/16	10 15/16	1	2 3/8	11	3 9/16	22 1/16	9% Cr Steel	1087	1358
130-800-T4-H2	32"	800	32	10.75	9/16	1112	600	32980	59 1/8	78 3/4	10 15/16	1	2 3/8	12	3 9/16	24	9% Cr Steel	1631	1989
130-800-T4-I1	32"	800	32	10.75	13/16	1112	600	43300	41 3/4	59 1/16	10 15/16	1 3/16	3	12	4 1/8	24	9% Cr Steel	1442	1759
130-800-T4-I2	32"	800	32	10.75	13/16	1112	600	43300	59 1/8	78 3/4	10 15/16	1 3/16	3	12	4 1/8	24	9% Cr Steel	1759	2116
130-800-T4-J1	32"	800	32	10.75	13/16	1112	600	59780	43 5/16	59 1/16	10 15/16	1 3/16	3 3/8	12	4 3/4	24	9% Cr Steel	1499	1788
130-800-T4-J2	32"	800	32	10.75	13/16	1112	600	59780	59 1/8	78 3/4	10 15/16	1 3/16	3 3/8	13	4 3/4	26	9% Cr Steel	2099	2533
130-800-T4-K1	32"	800	32	10.75	1	1112	600	78920	43 5/16	59 1/16	10 15/16	1 3/8	3 3/8	13	4 3/4	26	9% Cr Steel	1874	2224
130-800-T4-K2	32"	800	32	10.75	1	1112	600	78920	59 1/8	78 3/4	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2573	3093
130-800-T4-L1	32"	800	32	10.75	1	1112	600	100260	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2341	2718
130-800-T4-L2	32"	800	32	10.75	1	1112	600	100260	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3521	4235
130-800-T4-M1	32"	800	32	10.75	1	1112	600	126100	44 7/8	59 1/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3005	3521
130-800-T4-M2	32"	800	32	10.75	1	1112	600	126100	59 1/8	78 3/4	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3521	4235
130-850-T4-D1	34"	850	34	10.75	3/8	1112	600	7180	40 3/16	68 7/8	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	9% Cr Steel	564	811
130-850-T4-D2	34"	850	34	10.75	3/8	1112	600	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	9% Cr Steel	811	979
130-850-T4-E1	34"	850	34	10.75	3/8	1112	600	10400	40 3/16	68 7/8	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	9% Cr Steel	573	820
130-850-T4-E2	34"	850	34	10.75	3/8	1112	600	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	20 1/16	9% Cr Steel	1052	1276
130-850-T4-F1	34"	850	34	10.75	3/8	1112	600	16540	41 5/16	68 7/8	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	9% Cr Steel	825	1138
130-850-T4-F2	34"	850	34	10.75	3/8	1112	600	16540	68 15/16	88 9/16	10 15/16	13/16	1 3/4	10 1/16	2 3/4	20 1/16	9% Cr Steel	1140	1365
130-850-T4-G1	34"	850	34	10.75	1/2	1112	600	24080	42 1/2	68 7/8	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	9% Cr Steel	1043	1429
130-850-T4-G2	34"	850	34	10.75	1/2	1112	600	24080	68 15/16	88 9/16	10 15/16	13/16	2 1/16	11	3 3/8	22 1/16	9% Cr Steel	1429	1717
130-850-T4-H1	34"	850	34	10.75	9/16	1112	600	32980	42 1/2	68 7/8	10 15/16	1	2 3/8	11	3 9/16	22 1/16	9% Cr Steel	1142	1530
130-850-T4-H2	34"	850	34	10.75	9/16	1112	600	32980	68 15/16	88 9/16	10 15/16	1	2 3/8	12	3 9/16	24	9% Cr Steel	1839	2198
130-850-T4-I1	34"	850	34	10.75	13/16	1112	600	43300	43 11/16	68 7/8	10 15/16	1 3/16	3	12	4 1/8	24	9% Cr Steel	1512	1973
130-850-T4-I2	34"	850	34	10.75	13/16	1112	600	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	13	4 1/8	26	9% Cr Steel	2324	2760
130-850-T4-J1	34"	850	34	10.75	13/16	1112	600	59780	45 1/4	68 7/8	10 15/16	1 3/16	3 3/8	13	4 3/4	26	9% Cr Steel	1830	2355
130-850-T4-J2	34"	850	34	10.75	13/16	1112	600	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2738	3258
130-850-T4-K1	34"	850	34	10.75	1	1112	600	78920	45 1/4	68 7/8	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2253	2879
130-850-T4-K2	34"	850	34	10.75	1	1112	600	78920	68 15/16	88 9/16	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2881	3402
130-850-T4-L1	34"	850	34	10.75	1	1112	600	100260	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2447	3034
130-850-T4-L2	34"	850	34	10.75	1	1112	600	100260	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3940	4654
130-850-T4-M1	34"	850	34	10.75	1	1112	600	126100	46 7/8	68 7/8	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3137	3937
130-850-T4-M2	34"	850	34	10.75	1	1112	600	126100	68 15/16	88 9/16	10 15/16	1 9/16	3 3/8	15 15/16	4 3/4	31 7/8	9% Cr Steel	3940	4654
130-900-T4-D1	36"	900	36	10.75	3/8	1112	600	7180	42 1/2	68 7/8	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	9% Cr Steel	597	825
130-900-T4-D2	36"	900	36	10.75	3/8	1112	600	7180	68 15/16	88 9/16	10 15/16	9/16	1 5/16	9 1/16	1 3/4	18 1/8	9% Cr Steel	825	994
130-900-T4-E1	36"	900	36	10.75	3/8	1112	600	10400	42 1/2	68 7/8	10 15/16	9/16	1 9/16	9 1/16	2 9/16	18 1/8	9% Cr Steel	608	836
130-900-T4-E2	36"	900	36	10.75	3/8	1112	600	10400	68 15/16	88 9/16	10 15/16	9/16	1 9/16	9 1/16	2 9/16	20 1/16	9% Cr Steel	1067	1292

ANCILLARY COMPONENTS - PIPE ATTACHMENTS

FLAT PLATE RISER CLAMP - FIG. 130



When ordering, specify:
Part Number
Span "S"
Trunnion O/D if not as per Table

Materials:
Range T0 - Carbon Steel
Range T1 - Alloy Steel
Range T2 - Alloy Steel
Range T3 - Alloy Steel
Range T4 - 9% Cr Steel

Refer to notes at end of table.

Part No.	Nominal Pipe Size		Pipe O/D	Trunnion O/D	Maximum Trunnion Fillet Weld	Max Temp.		Max Load	Span S (Min)	Span S (Max)	ØA	B	ØD	E	F	G	Clamp Material	Weight at Min Span	Weight at Max Span
	in	mm				°F	°C											lbs	in
130-900-T4-I1	36"	900	36	10.75	13/16	1112	600	43300	45 11/16	68 7/8	10 15/16	1 3/16	3	12	4 1/8	24	9% Cr Steel	1587	2011
130-900-T4-I2	36"	900	36	10.75	13/16	1112	600	43300	68 15/16	88 9/16	10 15/16	1 3/16	3	13	4 1/8	26	9% Cr Steel	2366	2802
130-900-T4-J1	36"	900	36	10.75	13/16	1112	600	59780	47 1/4	68 7/8	10 15/16	1 3/16	3 3/8	13	4 3/4	26	9% Cr Steel	1918	2399
130-900-T4-J2	36"	900	36	10.75	13/16	1112	600	59780	68 15/16	88 9/16	10 15/16	1 3/16	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2784	3307
130-900-T4-K1	36"	900	36	10.75	1	1112	600	78920	47 5/8	68 7/8	10 15/16	1 3/8	3 3/8	14	4 3/4	27 15/16	9% Cr Steel	2368	2932
130-900-T4-K2	36"	900	36	10.75	1	1112	600	78920	68										

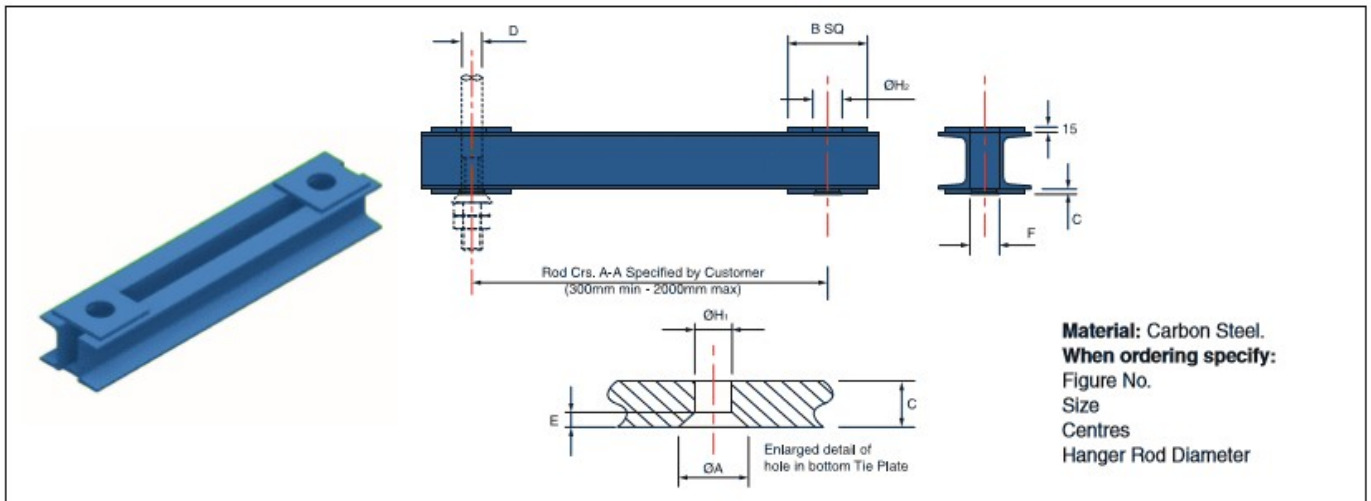
Note (1) The standard designs allow for the trunnion size listed above. If the actual trunnion size is different to this, please note this on the purchase order. Carpenter and Paterson (Asia) Limited are not responsible for the suitability of trunnion size for any given loading condition.

Note (2) The trunnions may be welded to pipe with butt welds, with fillet welds, or with butt weld reinforced with fillet welds. The selection of weld size and type will depend on the loading condition; Carpenter and Paterson (Asia) Limited are not responsible for the suitability of weld type or size. The standard designs allow for maximum size of fillet weld as shown in the table. The clamp is provided with spacer plates to centralise the pipe.

If using larger size fillet welds or if using butt welds and you want the side plates to be close in to the pipe, please note the requirement on the purchase order.

Note (3) Select based on pipe loading for both spring and rigid hangers.

WELDED TRAPEZE BEAM FABRICATION - FIG. 400

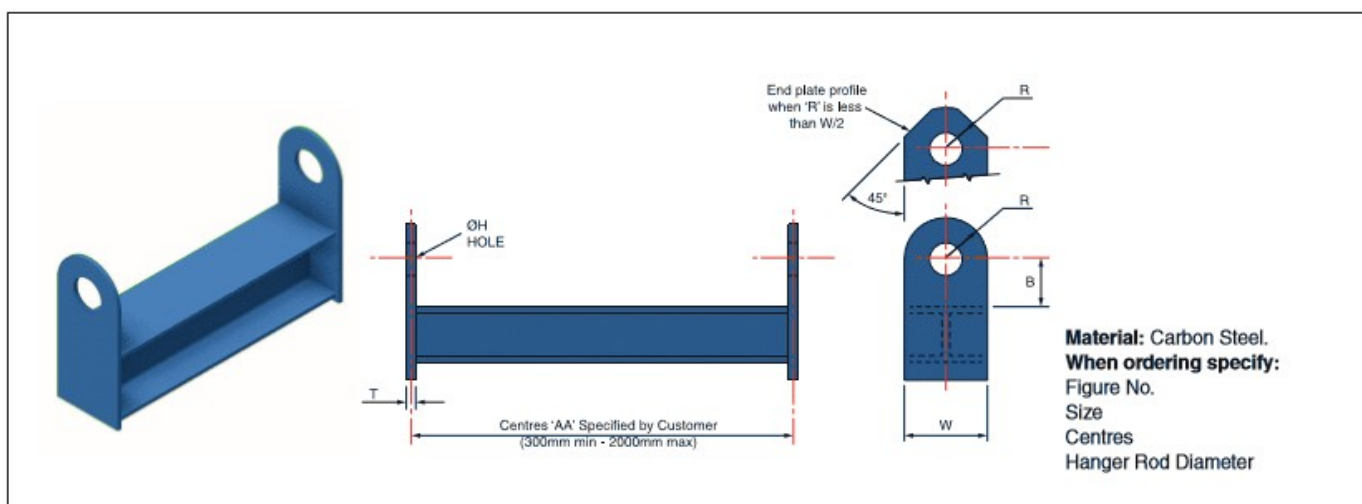


Beam Size		Weight lbs/ft	Max Rod Size	Tie Plates		Hole Ho / Gap F
Size	Channel JIS mm			B	C	
1	75x40	4.6	1 1/4	4 3/4	13/16	2 3/16
2	100x50	6.3	1 3/4	5 1/2	13/16	2 3/4
3	125x65	9.0	2	7 1/2	1	3 3/8
4	150x75	12.5	2	7 7/8	1	3 3/8
5	200x80	16.5	2 1/4	9 1/16	1 3/16	4 5/16
6	250x90	23.2	2 1/2	10 5/8	1 9/16	5 5/16
7	300x90	25.6	2 3/4	11 13/16	1 3/4	5 7/8
8	380x100	36.6	3 1/2	13 3/8	2 3/8	7 1/16

Size	Channel Size JIS (mm)	Maximum Load (lbs) at Rod Centres 'A-A' in																
		11 3/4	13 3/4	15 3/4	17 3/4	19 5/8	21 5/8	23 5/8	25 5/8	27 1/2	29 1/2	35 3/8	41 3/8	47 1/4	53 1/8	59	68 7/8	78 3/4
1	75x40	8983	7638	6735	6062	5390	4938	4717	4265	4045	3813	3141	2689	2248	2017	1796	-	-
2	100x50	15277	13029	11463	10108	8983	8311	7418	6966	6514	6062	5169	4265	3813	3362	2921	-	-
3	125x65	23148	20679	17978	15961	14385	13029	11904	11011	10339	9667	8090	6735	6062	5390	4717	4034	3538
4	150x75	38216	33035	29894	26521	24052	21803	20006	18430	17085	15961	13260	11463	9887	8763	8090	6933	6062
5	200x80	-	-	46759	43155	38889	35284	32363	29894	27645	25848	21572	18430	16181	14385	12808	10978	9601
6	250x90	-	-	-	-	64065	58443	53494	49449	45855	42703	35736	30566	26752	23820	21351	18298	16005
7	300x90	-	-	-	-	-	-	85417	78902	73280	68331	57099	48997	42703	37985	34160	29277	25617
8	380x100	-	-	-	-	-	-	-	-	142747	133080	111045	95315	83400	74184	66766	57220	50066

Rod Size ØD		3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/2
Chamfer	Hole ØH1	5/8	11/16	7/8	1 3/16	1 5/16	1 11/16	1 7/8	2 3/16	2 1/2	2 15/16	3 5/16	3 11/16	4	4 7/16
	ØA	15/16	1 1/4	1 3/8	1 5/8	2	2 1/8	2 3/4	3 1/8	3 3/8	3 9/16	3 15/16	4 5/16	4 15/16	5 11/16
	E	1/4	1/4	1/4	1/4	5/16	3/8	3/8	3/8	3/8	3/8	3/8	3/8	9/16	9/16
	Max Load per Rod (lbs)	840	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130	63050	79370

TRAPEZE BEAM - FIG. 401



Size	Beam Size	Weight lbs/ft	End Plates	
	Section (JIS, mm)		W	B
1	RHS100x50x6	8.1	3 1/8	2 9/16
2	H100x100x17.2	11.6	5 1/2	3 9/16
3	H125x125x23.8	16.0	6 11/16	4 3/4
4	H150x150x31.5	21.2	6 11/16	4 3/4
5	H200x200x49.9	33.5	8 7/8	5 7/8
6	H250x250x72.4	48.7	10 13/16	6 5/16
7	H300x300x94	63.2	12 13/16	7 1/2
8	H350x350x137	92.1	15 3/8	8 11/16

Size	Beam Size JIS (mm)	Maximum Load (lbs) at Rod Centres 'A-A' in																
		11 3/4	13 3/4	15 3/4	17 3/4	19 5/8	21 5/8	23 5/8	25 5/8	27 1/2	29 1/2	35 3/8	41 3/8	47 1/4	53 1/8	59	68 7/8	78 3/4
1	RHS100x50x6	8983	7638	6735	6062	5390	4938	4717	4265	4045	3813	3141	2689	2248	2017	1796	-	-
2	H100x100x17.2	15277	13029	11463	10108	8983	8311	7418	6966	6514	6062	5169	4265	3813	3362	2921	-	-
3	H125x125x23.8	23148	20679	17978	15961	14385	13029	11904	11011	10339	9667	8090	6735	6062	5390	4717	4034	3538
4	H150x150x31.5	38216	33035	29894	26521	24052	21803	20006	18430	17085	15961	13260	11463	9887	8763	8090	6933	6062
5	H200x200x49.9	-	-	46759	43155	38889	35284	32363	29894	27645	25848	21572	18430	16181	14385	12808	10978	9601
6	H250x250x72.4	-	-	-	-	64065	58443	53494	49449	45855	42703	35736	30566	26752	23820	21351	18298	16005
7	H300x300x94	-	-	-	-	-	-	85417	78902	73280	68331	57099	48997	42703	37985	34160	29277	25617
8	H350x350x137	-	-	-	-	-	-	-	-	142747	133080	111045	95315	83400	74184	66766	57220	50066

Rod Size ØD	3/8	1/2	5/8	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/2
Hole ØH	1/2	9/16	11/16	7/8	1	1 1/4	1 9/16	1 3/4	2	2 3/8	2 11/16	3	3 5/16	3 11/16
Rad R	1	1	1	1 3/16	1 3/8	1 3/4	2 9/16	2 3/4	3 3/8	3 9/16	3 3/4	4 1/8	4 3/4	5 5/16
Thk. T	3/8	3/8	3/8	1/2	1/2	1/2	5/8	5/8	13/16	13/16	13/16	1	1	1 3/16
Max Load per Rod (lbs)	840	1230	2290	3590	5200	8270	12040	16490	21650	29890	39460	50130	63050	79370



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