



# Other-Compatible Rod Specifications

Rod Size	Case 6010	Case 6030	2 7/8" Flush Joint	2 7/8" x 10'	3 1/2" x 15'
<b>Manufacture Process</b>	Forged IW	Forged IW	Forged	Forged IW	Forged IW
<b>Weld Area / Tube Area</b>	1.42	1.6	N/A	1.55	1.67
<b>Connection</b>	Case 6010	Case 6030	2 3/8" PAC DS	2 7/8" FS 1	2 7/8" IF
<b>Manufacture Spec.</b>	API 5D	API 5D	API 5D	API 5D	API 5D
<b>O.A.L. (S /S)</b>	120.0" +/- 0.25"	120.0" +/-0.25"	120.0" +/-0.33"	120.0" +/-0.25"	180.0" +/-0.50"
<b>Pipe Body O.D.</b>	1.90" +/-0.031"	2.375" +/-0.031"	2.875" +/-0.031"	2.875" +/-0.031"	3.50" +/-0.031"
<b>Upset Diameter</b>	2.25" +/-0.160"	2.625" +/-0.160"	2.875" +/-0.160"	3.25" +/-0.160"	4.125" +/-0.160"
<b>Wall Thickness</b>	0.240"	0.280"	0.362"	0.362"	0.368"
<b>Bend Radius</b>	121.9'	140.4'	170.0'	170.0'	206.9'
<b>Steel Chemistry</b>	4128M	4128M	4128M	4128M	4128M
<b>Type</b>	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll
<b>Quench &amp; Temper</b>	S135	S135	S135	S135	S135
<b>Tensile Strength</b>	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.
<b>Yield Strength</b>	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max
<b>Charpy 10x5</b>	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min
<b>Final Inspection</b>	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle
<b>Weight</b>	56 lbs.	78 lbs.	127 lbs.	156 lbs.	250 lbs.

  

Rod Size	3 1/2" x 20'	3 1/2" x 30'	4" x 15'	4" x 30'	4 1/2" x 30'
<b>Manufacture Process</b>	Forged IW	Forged IW	Forged IW	Forged IW	Forged IW
<b>Weld Area / Tube Area</b>	1.67	1.67	2.39	2.39	2.07
<b>Connection</b>	2 7/8" IF	2 7/8" IF	NC38	NC40 / NC 46	NC46 / 4 1/2"FH
<b>Manufacture Spec.</b>	API 5D	API 5D	API 5D	API 5D	API 5D
<b>O.A.L. (S /S)</b>	240.0" +/-1.50"	Range 2	180.0" +/-0.50"	Range 2	Range 2
<b>Pipe Body O.D.</b>	3.50" +/-0.031"	3.50" +/-0.031"	4.00" +/-0.031"	4.00" +/-0.031"	4.50" +/-0.031"
<b>Upset Diameter</b>	4.125" +/-0.160"	By Request	By Request	By Request	By Request
<b>Wall Thickness</b>	0.368"	0.368"	0.330"	0.330"	0.337"
<b>Bend Radius</b>	206.9'	206.9'	236.5'	236.5'	266.0'
<b>Steel Chemistry</b>	4128M	4128M	4128M	4128M	4128M
<b>Type</b>	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll
<b>Quench &amp; Temper</b>	S135	S135	S135	S135	S135
<b>Tensile Strength</b>	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.
<b>Yield Strength</b>	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max
<b>Charpy 10x5</b>	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min
<b>Final Inspection</b>	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle
<b>Weight</b>	289 lbs.	13.3 lb./ft. nom.	14.0 lb./ft. nom.	14.0 lb./ft. nom.	16.6 lb.ft. nom.

- Premier carries rods for many out-of-production rigs. Ask us about our Maxi-rig Range 2 product line.
- Many popular sizes available in both forged-end and inertia welded rods.
- All rods are heat treated to a minimum 135,000 lb. yield strength for the ultimate in fatigue resistance.

