



# Jet-Trac® -Compatible Rod Specifications

Rod Size	JT520	JT820 / JT920	JT920L	JT1220	JT1720/JT1720V
Manufacture Process	Forged IW	Forged IW	Forged IW	Forged IW	Forged IW
Weld Area / Tube Area	1.83	1.49	1.49	1.57	1.58
Connection	DW	DW	DW	DW	DW / FS1
Manufacture Spec.	API 5D	API 5D	API 5D	API 5D	API 5D
O.A.L. (S /S)	59.0" +/- 0.25"	78.75" +/- 0.25"	118.0" +/- 0.25"	118.0" +/- 0.25"	118.0" +/- 0.25"
Pipe Body O.D.	1.125" +/- .031"	1.660" +/- .031"	1.660" +/- .031"	1.900" +/- .031"	2.063" +/- .031"
Upset Diameter	1.75"	2.0"	2.0"	2.375"	2.50"
Wall Thickness	0.179"	0.240"	0.240"	0.240"	0.270"
Bend Radius	77.1'	98.1'	98.1'	112.3'	121.9'
Steel Chemistry	4128M	4128M	4128M	4128M	4128M
Type	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll
Quench & Temper	S135	S135	S135	S135	S135
Tensile Strength	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.
Yield Strength	135 Min/165 Max	135 Min/165Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max
Charpy 10x5	22 ft-lb Avg/19 Min	22 ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min	22ft-lb Avg/19 Min
Final Inspection	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle
Weight	17 lbs.	29 lbs.	39 lbs.	56 lbs.	59 lbs.

  

Rod Size	JT2020	JT2720/JT2720V	JT2720M1	JT4020	JT4020M1	JT7020
Manufacture Process	Forged IW	Forged IW	Forged IW	Forged IW	Forged IW	Forged IW
Weld Area / Tube Area	1.58	1.82	1.82	1.63	1.63	1.81
Connection	DW	DW / FS1	DW	DW	DW	DW
Manufacture Spec.	API 5D	API 5D	API 5D	API 5D	API 5D	API 5D
O.A.L. (S /S)	118.0 +/- 0.25"	118.0" +/- 0.25"	118.0" +/- 0.25"	177.2" +/- 0.25"	177.2" +/- 0.25"	177.2" +/- 0.25"
Pipe Body O.D.	2.063" +/- .031"	2.375" +/- .031"	2.375" +/- .031"	2.875" +/- .031"	2.875" +/- .031"	3.50" +/- .031"
Upset Diameter	2.625"	2.75"	3.0'	3.25"	3.5"	4.0"
Wall Thickness	0.270"	0.280"	0.280"	0.362"	0.362"	0.368"
Bend Radius	121.9'	140.4'	140.4'	170.0'	170.0'	207.0'
Steel Chemistry	4128M	4128M	4128M	4128M	4128M	4128M
Type	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll	Seamless Hot Roll
Quench & Temper	S135	S135	S135	S135	S135	S135
Tensile Strength	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.	145,000 lb. Min.
Yield Strength	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max	135 Min/165 Max
Charpy 10x5	22ft-lb Avg/19Min	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
Final Inspection	Mag Particle	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle	Mag. Particle
Weight	59 lbs.	78 lbs.	85 lbs.	176 lbs.	185 lbs.	238 lbs.



- Fully compatible with Jet-Trac® handling equipment.
- Many popular sizes available in both forged-end and inertia welded rods.

JET TRAC is a registered trademark of Charles Machine Works of Perry, Oklahoma. There is no affiliation between Charles Machine Works and Premier Drill Pipe, Ltd.