

SIZE: 2.375 inch [60.33 mm]

WEIGHT: 5.95 lbm/ft [8.85 kg/m]

GRADE: P-110

Interchangeable with PH6, BTS6, RTS6, NTS6, WTS6, etc. Can be equipped with 3/4 inch wide hardband on the box or both ends

| Material Properties | Imperial | Metric |
|--|----------|---------|
| Yield Stress, Minimum (psi [kPa]) | 110,000 | 758,423 |
| Yield Stress, Maximum (psi [kPa]) | 140,000 | 965,266 |
| Tensile Stress, Minimum (psi [kPa]) | 125,000 | 861,845 |
| Hardness, Maximum (HRC [HBW]) | N/A | N/A |
| Pipe Dimensions & Weight | | |
| Outside Diameter, Nominal (in [mm]) | 2.375 | 60.33 |
| Weight, Nominal (lbm/ft [kg/m]) | 5.95 | 8.85 |
| Wall Thickness, Nominal (in [mm]) | 0.254 | 6.45 |
| Inside Diameter, Nominal (in [mm]) | 1.867 | 47.42 |
| API Drift Diameter (in [mm]) | 1.773 | 45.04 |
| Upset-End Diameter, Minimum (in [mm]) | N/A | N/A |
| Upset-End Length, Maximum (in [mm]) | N/A | N/A |
| Cross Sectional Area, Nominal (sq.in. [sq.mm]) | 1.692 | 1091.61 |
| Pipe Load Capacities | | |
| Tensile Yield (lbf [N]) | 186,100 | 827,814 |
| Internal Yield Pressure (psi [kPa]) | 20,590 | 141,963 |
| Collapse Pressure (psi [kPa]) | 21,010 | 144,859 |
| Torsional Yield (lbf-ft [N.m]) | 8,600 | 11,660 |
| Hydrostatic Test Pressure (psi [kPa]) | 10,000 | 68,948 |
| Bending rate (°/100 ft [°/30 m]) | 212 | 209 |
| Connection Dimensions | | |
| Coupling OD (in [mm]) | 2.906 | 73.81 |
| Special Clearance** OD (in [mm]) | 2.782 | 70.66 |
| Connection ID (in [mm]) | 1.805 | 45.85 |
| Tool-Joint Length (in [mm]) | 9.000 | 228.60 |
| Make-up Loss (in [mm]) | 3.056 | 77.62 |
| Threads per Inch (pitch [mm]) | 6.000 | 4.23 |
| Connection Torque Capacities | | |
| Low Shoulder Torque (lbf-ft [N.m]) | 490 | 660 |
| High Shoulder Torque (lbf-ft [N.m]) | 2,450 | 3,320 |
| Minimum Make-up Torque (lbf-ft [N.m]) | 2,700 | 3,660 |
| Optimum Make-up Torque (lbf-ft [N.m]) | 3,100 | 4,200 |
| Maximum Make-up Torque (lbf-ft [N.m]) | 3,400 | 4,610 |
| Rotating Torque* (lbf-ft [N.m]) | 6,400 | 8,680 |
| Yield Torque (lbf-ft [N.m]) | 8,000 | 10,850 |

| Connection Load Capacities | |
|--|-----------------|
| Tensile Efficiency (% of pipe body) | 125 |
| Internal Yield Pressure (% of pipe body) | 100 |
| External Yield pressure (psi) | 33,780 |
| Leak Resistance Pressure (psi) | radial m2m seal |
| Compression Efficiency (% of pipe body) | 125 |
| Torque Efficiency (% of pipe body) | 93 |
| Bending Strength Ratio (BSR) | 1.83 |



* AS RESTRICTED BY WORKOVER RIG EQUIPMENT (POWER SWIVEL, TOP DRIVE OR ROTARY TABLE)

** Listed Rotating / Yield Torques and Connection Load Capacities have to be recalculated for Special Clearance OD.

Material is EMI/SEA inspected to 5% notch, over OD/ID, long/trans and wall thickness orientations, per API/ASTM requirements.

All the information provided is general data. Depicted colors and markings may differ from actual product. This is not any kind of warranty/quality certificate. Tejas Tubular has the right to change this data at any time for product improvement. This is a non-controlled document. TTRS1, TTRS1-HT, TTXS, TTXS-HT, TTNY, TTNY-HP, TTUS, TTUS-HT, TTXU, TTS-8, TTS-8 CI, TTS-8 CIGL, TTS-8s, TTS-6, TTS6-black, TTIB, TTFJ, TTUJ, TTWS, TTWSs, TTWS2, TTWS-UJ, SABERTOOTH, GOBLIN, EUXT and the Tejas Tubular logo are marks of Tejas Tubular Products, Inc.

SIZE: 2.875 inch [73.03 mm]

WEIGHT: 7.9 lbm/ft [11.76 kg/m]

GRADE: P-110

Interchangeable with PH6, BTS6, RTS6, NTS6, WTS6, etc. Can be equipped with 3/4 inch wide hardband on the box or both ends

| Material Properties | Imperial | Metric |
|--|----------|-----------|
| Yield Stress, Minimum (psi [kPa]) | 110,000 | 758,423 |
| Yield Stress, Maximum (psi [kPa]) | 140,000 | 965,266 |
| Tensile Stress, Minimum (psi [kPa]) | 125,000 | 861,845 |
| Hardness, Maximum (HRC [HBW]) | N/A | N/A |
| Pipe Dimensions & Weight | | |
| Outside Diameter, Nominal (in [mm]) | 2.875 | 73.03 |
| Weight, Nominal (lbm/ft [kg/m]) | 7.90 | 11.76 |
| Wall Thickness, Nominal (in [mm]) | 0.276 | 7.01 |
| Inside Diameter, Nominal (in [mm]) | 2.323 | 59.00 |
| API Drift Diameter (in [mm]) | 2.229 | 56.62 |
| Upset-End Diameter, Minimum (in [mm]) | N/A | N/A |
| Upset-End Length, Maximum (in [mm]) | N/A | N/A |
| Cross Sectional Area, Nominal (sq.in. [sq.mm]) | 2.254 | 1454.19 |
| Pipe Load Capacities | | |
| Tensile Yield (lbf [N]) | 247,900 | 1,102,714 |
| Internal Yield Pressure (psi [kPa]) | 18,480 | 127,415 |
| Collapse Pressure (psi [kPa]) | 19,090 | 131,621 |
| Torsional Yield (lbf-ft [N.m]) | 14,160 | 19,200 |
| Hydrostatic Test Pressure (psi [kPa]) | 10,000 | 68,948 |
| Bending rate (°/100 ft [°/30 m]) | 175 | 173 |
| Connection Dimensions | | |
| Coupling OD (in [mm]) | 3.438 | 87.33 |
| Special Clearance** OD (in [mm]) | 3.312 | 84.12 |
| Connection ID (in [mm]) | 2.265 | 57.53 |
| Tool-Joint Length (in [mm]) | 9.000 | 228.60 |
| Make-up Loss (in [mm]) | 3.040 | 77.22 |
| Threads per Inch (pitch [mm]) | 6.000 | 4.23 |
| Connection Torque Capacities | | |
| Low Shoulder Torque (lbf-ft [N.m]) | 650 | 880 |
| High Shoulder Torque (lbf-ft [N.m]) | 3,250 | 4,410 |
| Minimum Make-up Torque (lbf-ft [N.m]) | 3,500 | 4,750 |
| Optimum Make-up Torque (lbf-ft [N.m]) | 4,000 | 5,420 |
| Maximum Make-up Torque (lbf-ft [N.m]) | 4,400 | 5,970 |
| Rotating Torque* (lbf-ft [N.m]) | 10,100 | 13,690 |
| Yield Torque (lbf-ft [N.m]) | 12,600 | 17,080 |

| Connection Load Capacities | |
|--|-----------------|
| Tensile Efficiency (% of pipe body) | 124 |
| Internal Yield Pressure (% of pipe body) | 100 |
| External Yield pressure (psi) | 31,130 |
| Leak Resistance Pressure (psi) | radial m2m seal |
| Compression Efficiency (% of pipe body) | 124 |
| Torque Efficiency (% of pipe body) | 89 |
| Bending Strength Ratio (BSR) | 1.71 |



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** Listed Rotating / Yield Torques and Connection Load Capacities have to be recalculated for Special Clearance OD.

Material is EMI/SEA inspected to 5% notch, over OD/ID, long/trans and wall thickness orientations, per API/ASTM requirements.

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SIZE: 2.875 inch [73.03 mm]

WEIGHT: 9.5 lbm/ft [14.14 kg/m]

GRADE: P-110

Interchangeable with PH6, BTS6, RTS6, NTS6, WTS6, etc.

| Material Properties | Imperial | Metric |
|--|----------|-----------|
| Yield Stress, Minimum (psi [kPa]) | 110,000 | 758,423 |
| Yield Stress, Maximum (psi [kPa]) | 140,000 | 965,266 |
| Tensile Stress, Minimum (psi [kPa]) | 125,000 | 861,845 |
| Hardness, Maximum (HRC [HBW]) | N/A | N/A |
| Pipe Dimensions & Weight | | |
| Outside Diameter, Nominal (in [mm]) | 2.875 | 73.03 |
| Weight, Nominal (lbm/ft [kg/m]) | 9.50 | 14.14 |
| Wall Thickness, Nominal (in [mm]) | 0.340 | 8.64 |
| Inside Diameter, Nominal (in [mm]) | 2.195 | 55.75 |
| API Drift Diameter (in [mm]) | 2.101 | 53.37 |
| Tool-Joint Diameter, Minimum (in [mm]) | 3.625 | 92.08 |
| Tool-Joint Length, Minimum (in [mm]) | 9.000 | 228.60 |
| Cross Section, Nominal (sq.in. [mm ²]) | 2.708 | 1747.09 |
| Pipe Load Capacities | | |
| Tensile Yield (lbf [N]) | 297,900 | 1,325,125 |
| Internal Yield Pressure (psi [kPa]) | 22,770 | 156,994 |
| Collapse Pressure (psi [kPa]) | 22,940 | 158,166 |
| Torsional Yield (lbf-ft [N.m]) | 16,290 | 22,090 |
| Hydrostatic Test Pressure (psi [kPa]) | 10,000 | 68,948 |
| Bending rate (°/100 ft [°/30 m]) | 175 | 173 |
| Connection Dimensions | | |
| Connection OD (in [mm]) | 3.625 | 92.08 |
| Special Clearance OD (in [mm]) | 3.365 | 85.47 |
| Connection ID (in [mm]) | 2.130 | 54.10 |
| Coupling Length, Minimum (in [mm]) | N/A | N/A |
| Make-up Loss (in [mm]) | 3.040 | 77.22 |
| Threads per Inch (pitch [mm]) | 6.000 | 4.23 |
| Connection Torque Capacities | | |
| Low Shoulder Torque (lbf-ft [N.m]) | 1,050 | 1,420 |
| High Shoulder Torque (lbf-ft [N.m]) | 5,250 | 7,120 |
| Minimum Make-up Torque (lbf-ft [N.m]) | 5,500 | 7,460 |
| Optimum Make-up Torque (lbf-ft [N.m]) | 6,300 | 8,540 |
| Maximum Make-up Torque (lbf-ft [N.m]) | 7,000 | 9,490 |
| Rotating Torque (lbf-ft [N.m]) | 12,200 | 16,540 |
| Yield Torque (lbf-ft [N.m]) | 15,200 | 20,610 |

| Connection Load Capacities | |
|--|-----------------|
| Tensile Efficiency (% of pipe body) | 123 |
| Internal Yield Pressure (% of pipe body) | 100 |
| External Yield pressure (psi) | 36,010 |
| Leak Resistance Pressure (psi) | radial m2m seal |
| Compression Efficiency (% of pipe body) | 123 |
| Torque Efficiency (% of pipe body) | 93 |
| Bending Strength Ratio (BSR) | 1.97 |



Material is EMI/SEA inspected to 5% notch, over OD/ID, long/trans and wall thickness orientations, per API/ASTM requirements

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