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## PENN FORGED ALLOY 20 FITTINGS

**ASTM B462/ASME SB462 -- A20 -- ASME B16.11  
UNS# N08020 AND ASTM-A182-A20**

**A20-13**

**March 17, 2025**

### CLASS 3000 SOCKET FITTINGS

| I.P.S.       | 1/8"   | 1/4"   | 3/8"   | 1/2"   | 3/4"   | 1"       | 1 1/4"  | 1 1/2"   | 2"       | 2 1/2" | 3"    | 4"    |
|--------------|--------|--------|--------|--------|--------|----------|---------|----------|----------|--------|-------|-------|
| 90 ELBOWS ** | 331.04 | 331.04 | 331.04 | 455.15 | 649.05 | 874.55   | 1219.07 | 1,710.86 | 2,915.58 | AVAIL  | AVAIL | AVAIL |
| TEES **      | 415.71 | 415.71 | 415.71 | 689.08 | 821.20 | 1,117.16 | 1863.06 | 2,341.38 | 4,290.43 | AVAIL  | AVAIL | AVAIL |
| 45 ELBOWS ** | 401.90 | 401.90 | 401.90 | 624.84 | 691.43 | 891.00   | 1551.89 | 1,981.39 | 2,831.31 | AVAIL  | AVAIL | AVAIL |
| CROSSES **   | AVAIL  | AVAIL  | AVAIL  | AVAIL  | AVAIL  | AVAIL    | AVAIL   | AVAIL    | AVAIL    | AVAIL  | AVAIL | AVAIL |
| LATERALS **  | AVAIL  | AVAIL  | AVAIL  | AVAIL  | AVAIL  | AVAIL    | AVAIL   | AVAIL    | AVAIL    | AVAIL  | AVAIL | AVAIL |

**Above items can be furnished as true reducing fittings - Priced on Application**

| I.P.S.         | 1/8"   | 1/4"   | 3/8"   | 1/2"   | 3/4"    | 1"      | 1 1/4"  | 1 1/2"  | 2"      | 2 1/2" | 3"    | 4"    |
|----------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|--------|-------|-------|
| COUPLINGS      | 178.29 | 178.29 | 178.29 | 214.14 | 296.34  | 452.66  | 899.03  | 899.55  | 1487.43 | AVAIL  | AVAIL | AVAIL |
| REDUCERS*      | -      | 264.35 | 264.35 | 308.04 | 379.74  | 650.33  | 1119.78 | 1200.88 | 1985.43 | AVAIL  | AVAIL | AVAIL |
| HALF COUPLINGS | 178.29 | 178.29 | 178.29 | 214.14 | 296.34  | 452.66  | 899.03  | 899.55  | 1487.43 | AVAIL  | AVAIL | AVAIL |
| CAPS           | 165.05 | 165.05 | 165.05 | 195.12 | 237.44  | 406.34  | 699.95  | 750.56  | 1240.99 | AVAIL  | AVAIL | AVAIL |
| INSERTS*       | -      | 280.71 | 280.71 | 304.84 | 389.43  | 616.23  | 1185.27 | 1059.29 | 1385.89 | AVAIL  | AVAIL | AVAIL |
| UNIONS **      | 706.63 | 706.63 | 706.63 | 825.01 | 1081.69 | 1443.41 | 2331.00 | 2847.41 | 3559.63 | AVAIL  | AVAIL | AVAIL |

NOTE: ALL AVAIL LISTED ITEMS ARE AVAILABLE FROM STOCK OR WILL BE MADE TO ORDER  
HOWEVER, DUE TO LOW DEMAND THESE ITEMS ARE PRICED ON APPLICATION  
\*BUSHINGS, REDUCERS & INSERTS LIMITED TO 4 REDUCTIONS, OTHERWISE POA

**CLASS 6000 & 9000 SOCKET WELD FITTINGS ARE AVAILABLE FROM STOCK - PRICE ON APPLICATION**

**All prices in U.S. Dollars**

**All prices are F.O.B. Shipping Point**

**Minimum invoice charge \$50.00 net, (exclusive of test reports and/or freight charges as applicable).**

**Material Test Reports(MTR's) chemical and physical test results are available as follows:**

**Fittings at \$5.00 net each per line item**

**Unions at \$10.00 net each per line item.**

**MTR'S AVAILABLE FREE OF CHARGE AT: WWW.PENNUSA.COM**

**SPECIALTY PRODUCTS - ALL PRICES ON APPLICATION: SOCKETWELD X THREADED FITTINGS, OD TUBE SOCKETWELD.**

**SWAGE NIPPLES, BRITISH STANDARD THREADS, ORIFICE UNIONS, O-RING UNIONS AND OUTLETS ARE AVAILABLE**

**Select 150#Threaded-3-1/2",4",5",6" and productions quantity runs of full and half coupling,reducers,caps,unions,plug & bushings**

**Special grades-317L, 321, 347, 309, 310 and all "H" grades (high or restricted carbon) are also available.**

**All other grades are available, please consult factory**