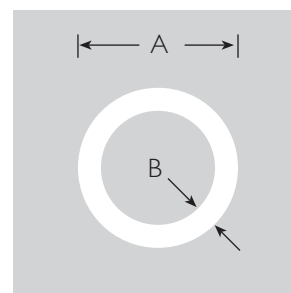
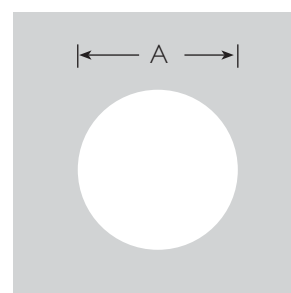


| DIE No. | A | B | C | D | RI | R2 | R3 | kg/m | P |
|-------------------------|-------|------|---|---|----|----|----|-------|-----|
| DRAWN ROUND TUBE | | | | | | | | | |
| UA 7320 | 9.53 | 1.42 | | | | | | 0.098 | 30 |
| UA 7330 | 12.70 | 1.42 | | | | | | 0.136 | 40 |
| UA 7340 | 15.88 | 1.42 | | | | | | 0.174 | 50 |
| UA 7350 | 19.05 | 1.42 | | | | | | 0.213 | 60 |
| UA 7360 | 22.20 | 1.42 | | | | | | 0.251 | 70 |
| UA 7370 | 25.40 | 1.42 | | | | | | 0.290 | 80 |
| UA 7380 | 28.58 | 1.42 | | | | | | 0.327 | 90 |
| UA 7390 | 31.70 | 1.42 | | | | | | 0.366 | 100 |
| UA 7410 | 34.90 | 1.42 | | | | | | 0.405 | 110 |
| UA 7420 | 38.10 | 1.42 | | | | | | 0.443 | 120 |
| UA 7430 | 41.28 | 1.42 | | | | | | 0.482 | 130 |
| UA 7435 | 44.50 | 1.42 | | | | | | 0.519 | 140 |
| UA 7440 | 47.63 | 1.42 | | | | | | 0.558 | 150 |
| UA 7450 | 50.80 | 1.42 | | | | | | 0.597 | 160 |

**SOLID ROUND**

| | | | | | | | | | |
|----------------|--------|--|--|--|--|--|--|--------|-----|
| UA 1271 | 4.76 | | | | | | | 0.048 | 15 |
| UA 1270 | 6.35 | | | | | | | 0.086 | 20 |
| UA 1269 | 7.94 | | | | | | | 0.134 | 25 |
| UA 1258 | 9.50 | | | | | | | 0.192 | 30 |
| UA 1259 | 12.70 | | | | | | | 0.343 | 40 |
| UA 3321 | 14.50 | | | | | | | 0.446 | 46 |
| UA 1260 | 15.88 | | | | | | | 0.537 | 50 |
| UA 3939 | 18.00 | | | | | | | 0.687 | 57 |
| UA 1261 | 19.05 | | | | | | | 0.772 | 60 |
| UA 2038 | 20.00 | | | | | | | 0.848 | 63 |
| UA 1262 | 25.40 | | | | | | | 1.373 | 80 |
| UA 6759 | 28.00 | | | | | | | 1.663 | 88 |
| UA 1263 | 31.75 | | | | | | | 2.146 | 100 |
| UA 1264 | 38.10 | | | | | | | 3.090 | 120 |
| UA 2995 | 44.40 | | | | | | | 4.196 | 140 |
| UA 3017 | 48.00 | | | | | | | 4.886 | 151 |
| UA 1265 | 50.80 | | | | | | | 5.493 | 160 |
| UA 1266 | 63.50 | | | | | | | 8.582 | 200 |
| UA 1267 | 76.20 | | | | | | | 12.359 | 240 |
| UA 1868 | 88.90 | | | | | | | 16.759 | 280 |
| UA 1257 | 100.00 | | | | | | | 21.284 | 315 |
| UA 1268 | 101.60 | | | | | | | 21.971 | 320 |
| BILLET | 178.00 | | | | | | | | |
| BILLET | 202.00 | | | | | | | | |

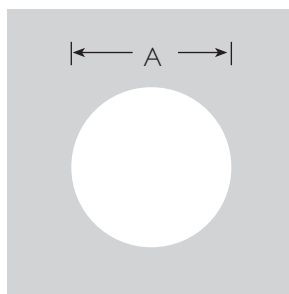
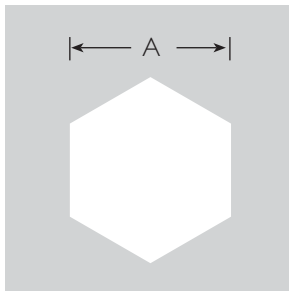
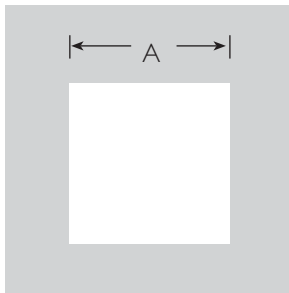


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for available Billet Alloys

DIAGRAMS ACTUAL SIZE UNLESS
OTHERWISE INDICATED
DIAGRAMS ARE SCHEMATIC ONLY
AND NOT INTENDED AS
SPECIFICATION DRAWINGS
O A D = OVERALL DIMENSIONS
P = EXT PERIPHERY



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Free Machining Rod available
in lengths up to 3600mm

| DIE No. | A | B | C | D | RI | R2 | R3 | kg/m | P |
|---------------------|-------|---|---|---|----|----|----|-------|-----|
| SOLID SQUARE | | | | | | | | | |
| UA 1279 | 6.35 | | | | | | | 0.109 | 25 |
| UA 1272 | 9.50 | | | | | | | 0.244 | 38 |
| UA 1273 | 12.70 | | | | | | | 0.437 | 51 |
| UA 1274 | 19.05 | | | | | | | 0.983 | 76 |
| UA 1275 | 25.40 | | | | | | | 1.748 | 102 |
| UA 1276 | 31.75 | | | | | | | 2.732 | 127 |
| UA 1277 | 38.10 | | | | | | | 3.934 | 152 |
| UA 1278 | 50.80 | | | | | | | 6.993 | 203 |

SOLID HEXAGON

| | | | | | | | | | |
|----------------|-------|--|--|--|--|--|--|-------|-----|
| UA 1607 | 11.11 | | | | | | | 0.290 | 39 |
| UA 3253 | 33.00 | | | | | | | 2.560 | 115 |

SOLID FREE MACHINING ROD

| DIAM. | A | FREE MACHINING SOLID ROD 2011-T3 | kg/m |
|-------|--------|-------------------------------------|--------|
| | 7.93 | | 0.133 |
| | 8.70 | | 0.160 |
| | 9.53 | | 0.193 |
| | 12.70 | | 0.342 |
| | 15.87 | | 0.537 |
| | 19.05 | | 0.770 |
| | 22.22 | | 1.047 |
| | 25.40 | | 1.368 |
| | 31.75 | | 2.145 |
| | 38.10 | | 3.090 |
| | 44.45 | | 4.177 |
| | 50.80 | | 5.473 |
| | 63.50 | | 8.580 |
| | 76.20 | | 12.315 |
| | 88.90 | | 16.820 |
| | 101.60 | | 21.900 |
| | 127.00 | | 34.210 |
| | 152.40 | | 49.260 |
| | 203.20 | | 87.570 |



DIAGRAMS ACTUAL SIZE UNLESS
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