



ENGLISH

Datasheet

Silver Steel Rod

RS Stock number [447-8930](#)



Description:

Tool steel to BS1407.

Controllers ground and polished.

Metric or Imperial sizes.

Applications include punches, dowels, mandrels, spindles, shafts, pinions, gauges etc.

Specification:

| | |
|-----------------|--------------|
| Form: | Rod |
| Length: | 330 mm |
| Material: | Silver Steel |
| Outer Diameter: | 20 mm |

**Bar Diameter Tolerances**

| Size | Tolerance |
|---------------------|-----------------|
| Metric 3 to 25mm | -0.010 +0.000mm |
| Metric 25 to 30mm | -0.025 +0.000mm |
| Imperial 1/4 to 1in | ±0.00025 in |
| Imperial 1in | ±0.00050 in |

Chemical Analysis

| Chemical Analysis | % Min | % Max |
|-------------------|-------|-------|
| Carbon | 1.10 | 1.20 |
| Manganese | 0.25 | 0.45 |
| Silicon | 0.00 | 0.40 |
| Sulphur | 0.00 | 0.035 |
| Phosphorus | 0.00 | 0.035 |
| Chromium | 0.35 | 0.50 |