



# MBA

## Rod - Drill



For punches dies and high strength machine parts. Unhardened - requires heat treatment.

Unfinished ends.

Requires heat treating to harden.

Small diameters may not be perfectly straight.

### Rod - Drill

| Part Number      | Diameter (d) mm<br><i>inches</i> | Length (L) mm<br><i>inches</i> | Material               | Finish              | Diametrical Tolerance |
|------------------|----------------------------------|--------------------------------|------------------------|---------------------|-----------------------|
| SH02000x1000DR   | 2.000<br><i>0.079</i>            | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.014          |
| # SH03000x1000DR | 3.000<br><i>0.118</i>            | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.014          |
| SH03175x0914DR   | 3.175<br><i>0.125</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| # SH03969x0914DR | 3.969<br><i>0.156</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |

# Indicates item not stocked at time of printing - Please enquire for lead time

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## Rod - Drill

| Part Number      | Diameter (d) mm<br><i>inches</i> | Length (L) mm<br><i>inches</i> | Material               | Finish              | Diametrical Tolerance |
|------------------|----------------------------------|--------------------------------|------------------------|---------------------|-----------------------|
| SH04000x1000DR   | 4.000<br><i>0.157</i>            | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.018          |
| # SH04763x0914DR | 4.763<br><i>0.188</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| # SH05000x1000DR | 5.000<br><i>0.197</i>            | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.018          |
| # SH06000x1000DR | 6.000<br><i>0.236</i>            | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.018          |
| SH06350x0914DR   | 6.350<br><i>0.250</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| # SH07144x0914DR | 7.144<br><i>0.281</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| # SH07938x0914DR | 7.938<br><i>0.313</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| # SH08000x1000DR | 8.000<br><i>0.315</i>            | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.022          |
| # SH08731x0914DR | 8.731<br><i>0.344</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| SH09525x0914DR   | 9.525<br><i>0.375</i>            | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |

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|------------------|----------------------------------|--------------------------------|------------------------|---------------------|-----------------------|
| # SH10000x1000DR | 10.000<br><i>0.394</i>           | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.022          |
| # SH11113x0914DR | 11.113<br><i>0.438</i>           | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.013              |
| # SH12000x1000DR | 12.000<br><i>0.472</i>           | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.027          |
| # SH12700x0914DR | 12.700<br><i>0.500</i>           | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.025              |
| # SH14000x1000DR | 14.000<br><i>0.551</i>           | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.027          |
| # SH15875x0914DR | 15.875<br><i>0.625</i>           | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.025              |
| # SH16000x1000DR | 16.000<br><i>0.630</i>           | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.027          |
| # SH18000x1000DR | 18.000<br><i>0.709</i>           | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.027          |
| # SH19050x0914DR | 19.050<br><i>0.750</i>           | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground              | +/-0.025              |
| # SH20000x1000DR | 20.000<br><i>0.787</i>           | 1000<br><i>39.370</i>          | Chrome Vanadium Alloy  | Ground and Polished | 0.000/-0.033          |

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|------------------|----------------------------------|--------------------------------|------------------------|--------|-----------------------|
| # SH22225x0914DR | 22.225<br><i>0.875</i>           | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground | +/-0.025              |
| # SH25400x0914DR | 25.400<br><i>1.000</i>           | 914<br><i>35.984</i>           | Tool Steel - AISI 1045 | Ground | +/-0.025              |

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