# Fractional Sizes (Straight Shank) 1/64" to 1/2" Dia.

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>ILLUSTRATION</th>
<th>CUTTING APPLICATION</th>
<th>STEEL SPECS</th>
<th>TECHNICAL DATA</th>
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<tbody>
<tr>
<td>JDHP</td>
<td>BRIGHT POLISHED FINISH</td>
<td>This drill was specifically designed for welders who need to drill stainless steel and aluminum without the fear of oxide contaminating their weld. Saves on cleanup time and machining cost.</td>
<td>M2, M7</td>
<td>135° Split Pt. Std. Spiral Hvy. Duty Web</td>
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<td>JDHDF</td>
<td>BLACK/GOLD FINISH</td>
<td>This drill was designed for drilling work hardening 300 series stainless steels (except 303). Special thin web will penetrate work hardening stainless fast enough to cut beneath the chip which is hardening from deformation.</td>
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<td>JDHT</td>
<td>GOLD TITANIUM FINISH</td>
<td>This combination of titanium nitride coating with the heavy duty design enhances chip flow, finished hole quality and up to 700% more drill life.</td>
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**High Speed Steel**

### JDHB (OXIDE FINISH)

- **Cutting Application:** For portable or machine drilling in hard steels, stainless steels and other hard materials. Mfr. to NAS 907-B specs.
- **Steel Specs:** M2, M7
- **Technical Data:** 135° Split Pt. Std. Spiral Hvy. Duty Web

### JDHP (BRIGHT POLISHED FINISH)

- **Cutting Application:** This drill was specifically designed for welders who need to drill stainless steel and aluminum without the fear of oxide contaminating their weld. Saves on cleanup time and machining cost.
- **Steel Specs:** M2, M7
- **Technical Data:** 135° Split Pt. Std. Spiral Hvy. Duty Web

### JDHGF (GOLD FINISH)

- **Cutting Application:** For portable or machine drilling in hard steels, stainless steels and other hard materials. Mfr. to NAS 907-B specs. Designed as an alternative to black oxide. Gold oxide film reduces friction between the tool and the work. Does not smear metal.
- **Steel Specs:** M2, M7
- **Technical Data:** 135° Split Pt. Std. Spiral Hvy. Duty Web

### JDHDF (BLACK/GOLD FINISH)

- **Cutting Application:** This drill was designed for drilling work hardening 300 series stainless steels (except 303). Special thin web will penetrate work hardening stainless fast enough to cut beneath the chip which is hardening from deformation.
- **Steel Specs:** M2, M7
- **Technical Data:** 135° Split Pt. Std. Spiral Hvy. Duty Web

### JDHT (GOLD TITANIUM FINISH)

- **Cutting Application:** This combination of titanium nitride coating with the heavy duty design enhances chip flow, finished hole quality and up to 700% more drill life.
- **Steel Specs:** M2, M7
- **Technical Data:** 135° Split Pt. Std. Spiral Hvy. Duty Web

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**Ordering Note:** To complete your order we may substitute or interchange black or bright drills unless you have specified "no substitutions". Orders accepted in less than package quantity are subject to a 15% surcharge.

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**DRILL SETS**

A variety of Jobber Length Drill Sets can be found on pages 60 to 67.