

# Feinausdrehen

Ausspindeln von Bohrungen auf precium Feinausdrehwerkzeugen.

## Fine Boring

Fine boring on precium fine boring units.

Bitte Hinweise im Anhang beachten // Please read add. notes  
**ALL (Seite/Page 678)**

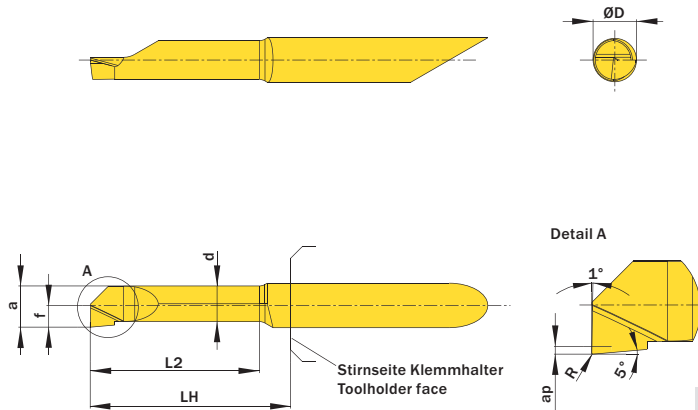


Legende  
 Legend **683**



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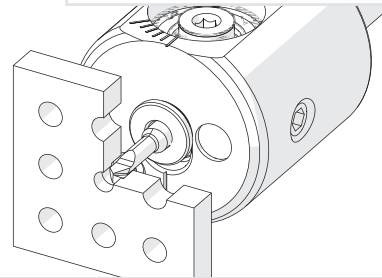


Illustration zeigt beispielhafte Anwendungsmöglichkeit mit ähnlichem Werkzeug.  
 Image shows exemplary application possibility with similar tool.

Abbildung zeigt / Drawing shows: A04.0195.15.39.05 Y R

| ØD   | L2   | ØDmin (Min. Bohrung)<br>ØDmin (min. bore) | R    | Kühlmittelzufuhr<br>Through coolant supply | Artikelnummer<br>Part number | Webcode<br><a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a> | Empfohlene<br>Schneidstoffe<br>Tagesaktuelle Verfügbarkeit<br>und Preise finden Sie auf<br><a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a><br><br>Recommended<br>cutting grades<br>You can find current<br>availability and prices on<br><a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a> | a    | d    | f    | LH   | ap   | Connectcode<br><a href="http://www.simtek.com/code">www.simtek.com/code</a> |
|--|------|---|------|--|------------------------------|---|--|------|------|------|------|------|---|
| mm   | mm   | mm  | mm   |  |                              |   | <b>P N M K S H O</b>   | mm   | mm   | mm   | mm   | mm   |   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 0,3 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 4,0  | 1,2  | 0,3                                       | -    | -  | <b>A04.0010.01.03.00 YR</b>  | AW08  | X800 X500 GT42 X500 X400   | 0,25 | 0,19 | 0,15 | 13,0 | 0,03 | MOS.A04.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 0,6 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 4,0  | 2,5  | 0,6                                       | -    | -  | <b>A04.0025.02.06.00 YR</b>  | AW09  | X800 X500 GT42 X500 X400   | 0,55 | 0,46 | 0,3  | 13,0 | 0,05 | MOS.A04.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 1,0 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 4,0  | 4,0  | 1,0                                       | 0,05 | -  | <b>A04.0045.04.10.05 YR</b>  | AW1A  | X800 X500 GT42 X500 X400   | 0,95 | 0,8  | 0,5  | 13,0 | 0,1  | MOS.A04.R   |
| 4,0  | 6,0  | 1,0                                       | 0,05 | -  | <b>A04.0045.06.10.05 YR</b>  | AX0U  | X800 X500 GT42 X500 X400   | 0,95 | 0,8  | 0,5  | 13,0 | 0,1  | MOS.A04.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 2,2 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 4,0  | 6,0  | 2,2                                       | 0,05 | +  | <b>A04.0095.06.22.05 YR</b>  | AW1B  | X800 X500 GT42 X500 X400   | 2,0  | 1,55 | 1,1  | 13,0 | 0,2  | MOS.A04.R   |
| 4,0  | 9,1  | 2,2                                       | 0,05 | +  | <b>A04.0095.09.22.05 YR</b>  | AX0V  | X800 X500 GT42 X500 X400   | 2,0  | 1,55 | 1,1  | 13,0 | 0,2  | MOS.A04.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 3,2 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 4,0  | 10,2 | 3,2                                       | 0,05 | +  | <b>A04.0145.10.32.05 YR</b>  | AW1C  | X800 X500 GT42 X500 X400   | 3,0  | 2,55 | 1,6  | 13,0 | 0,2  | MOS.A04.R   |
| 4,0  | 15,2 | 3,2                                       | 0,05 | +  | <b>A04.0145.15.32.05 YR</b>  | AX0W  | X800 X500 GT42 X500 X400   | 3,0  | 2,55 | 1,6  | 18,0 | 0,2  | MOS.A04.R   |
| 4,0  | 20,3 | 3,2                                       | 0,05 | +  | <b>A04.0145.20.32.05 YR</b>  | AX0X  | X800 X500 GT42 X500 X400   | 3,0  | 2,55 | 1,6  | 23,0 | 0,2  | MOS.A04.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 3,9 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 4,0  | 15,2 | 3,9                                       | 0,05 | +  | <b>A04.0195.15.39.05 YR</b>  | AW1D  | X800 X500 GT42 X500 X400   | 3,7  | 3,2  | 1,95 | 18,0 | 0,3  | MOS.A04.R   |
| 4,0  | 20,3 | 3,9                                       | 0,05 | +  | <b>A04.0195.20.39.05 YR</b>  | AX0Y  | X800 X500 GT42 X500 X400   | 3,7  | 3,2  | 1,95 | 23,0 | 0,3  | MOS.A04.R   |
| 4,0  | 25,4 | 3,9                                       | 0,05 | +  | <b>A04.0195.25.39.05 YR</b>  | AX0Z  | X800 X500 GT42 X500 X400   | 3,7  | 3,2  | 1,95 | 28,0 | 0,3  | MOS.A04.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 5,2 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 7,0  | 20,3 | 5,2                                       | 0,05 | +  | <b>A07.0245.20.52.05 YR</b>  | AW1E  | X800 X500 GT42 X500 X400   | 5,0  | 4,25 | 2,6  | 23,0 | 0,5  | MOS.A07.R   |
| 7,0  | 25,4 | 5,2                                       | 0,05 | +  | <b>A07.0245.25.52.05 YR</b>  | AX00  | X800 X500 GT42 X500 X400   | 5,0  | 4,25 | 2,6  | 28,0 | 0,5  | MOS.A07.R   |
| 7,0  | 30,5 | 5,2                                       | 0,05 | +  | <b>A07.0245.30.52.05 YR</b>  | AX01  | X800 X500 GT42 X500 X400   | 5,0  | 4,25 | 2,6  | 33,0 | 0,5  | MOS.A07.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 6,2 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 7,0  | 20,3 | 6,2                                       | 0,05 | +  | <b>A07.0295.20.62.05 YR</b>  | AW1F  | X800 X500 GT42 X500 X400   | 6,0  | 5,25 | 3,1  | 23,0 | 0,5  | MOS.A07.R   |
| 7,0  | 25,4 | 6,2                                       | 0,05 | +  | <b>A07.0295.25.62.05 YR</b>  | AX02  | X800 X500 GT42 X500 X400   | 6,0  | 5,25 | 3,1  | 28,0 | 0,5  | MOS.A07.R   |
| 7,0  | 30,5 | 6,2                                       | 0,05 | +  | <b>A07.0295.30.62.05 YR</b>  | AX03  | X800 X500 GT42 X500 X400   | 6,0  | 5,25 | 3,1  | 33,0 | 0,5  | MOS.A07.R   |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 6,9 mm |      |   |      |  |                              |   |  |      |      |      |      |      |   |
| 7,0  | 25,4 | 6,9                                       | 0,2  | +  | <b>A07.0345.25.69.20 YR</b>  | AW1G  | X800 X500 GT42 X500 X400   | 6,7  | 6,0  | 3,45 | 28,0 | 0,5  | MOS.A07.R   |
| 7,0  | 30,5 | 6,9                                       | 0,2  | +  | <b>A07.0345.30.69.20 YR</b>  | AX04  | X800 X500 GT42 X500 X400   | 6,7  | 6,0  | 3,45 | 33,0 | 0,5  | MOS.A07.R   |
| 7,0  | 40,6 | 6,9                                       | 0,2  | +  | <b>A07.0345.40.69.20 YR</b>  | AX05  | X800 X500 GT42 X500 X400   | 6,7  | 6,0  | 3,45 | 43,0 | 0,5  | MOS.A07.R   |

Bestellbeispiel // Order example: **A04.0195.15.39.05 YR X800** (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade)