

## Feinausdrehen

Ausspindeln von Bohrungen auf precision Feinausdrehwerkzeugen.

## Fine Boring

Fine boring on precision fine boring units.

Bitte Hinweise im Anhang beachten // Please read add. notes

ALL (Seite/Page 678)

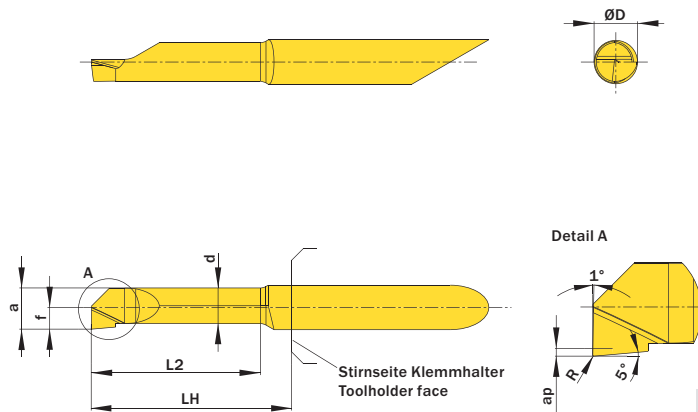
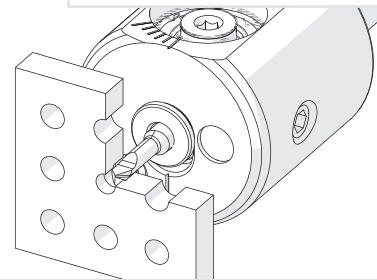
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www.simtek.info/cp/1009Mehr Informationen unter [www.precium.de](http://www.precium.de)  
More information on [www.precium.de](http://www.precium.de)Illustration zeigt beispielhafte Anwendungsmöglichkeit mit ähnlichem Werkzeug.  
Image shows exemplary 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>www.simtek.com/webcode | Empfohlene<br>Schneidstoffe<br>Tagesaktuelle Verfügbarkeit<br>und Preise finden Sie auf<br>www.simtek.com/webcode<br><br>Recommended<br>cutting grades<br>You can find current<br>availability and prices on<br>www.simtek.com/webcode | a    | d    | f    | LH   | ap   | Connectcode<br>www.simtek.com/code |
|------------------------------------------------------|------|-------------------------------------------|------|--------------------------------------------|------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------------------------------------|
| mm                                                   | mm   | mm                                        | mm   |                                            |                              |                                   | P N M K S H O                                                                                                                                                                                                                          | mm   | mm   | mm   | mm   | mm   |                                    |
| ▼ ØDmin (Min. Bohrung) // ØDmin (min. bore) = 0,3 mm |      |                                           |      |                                            |                              |                                   |                                                                                                                                                                                                                                        |      |      |      |      |      |                                    |
| 4,0                                                  | 1,2  | 0,3                                       | -    | -                                          | A04.0010.01.03.00 YR         | 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                                       | -    | -                                          | A04.0025.02.06.00 YR         | 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 | -                                          | A04.0045.04.10.05 YR         | 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 | -                                          | A04.0045.06.10.05 YR         | 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 | +                                          | A04.0095.06.22.05 YR         | 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 | +                                          | A04.0095.09.22.05 YR         | 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 | +                                          | A04.0145.10.32.05 YR         | 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 | +                                          | A04.0145.15.32.05 YR         | 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 | +                                          | A04.0145.20.32.05 YR         | 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 | +                                          | A04.0195.15.39.05 YR         | 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 | +                                          | A04.0195.20.39.05 YR         | 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 | +                                          | A04.0195.25.39.05 YR         | 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 | +                                          | A07.0245.20.52.05 YR         | 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 | +                                          | A07.0245.25.52.05 YR         | 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 | +                                          | A07.0245.30.52.05 YR         | 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 | +                                          | A07.0295.20.62.05 YR         | 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 | +                                          | A07.0295.25.62.05 YR         | 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 | +                                          | A07.0295.30.62.05 YR         | 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  | +                                          | A07.0345.25.69.20 YR         | 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  | +                                          | A07.0345.30.69.20 YR         | 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  | +                                          | A07.0345.40.69.20 YR         | 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)