

Premier

Manufacturers of Precision Ground Cutting Tools



Face Grooving
Simturn DX
e - Catalogue

Axialeinstiche in Bohrungen

Geeignet ab Bohrungsdurchmesser 14,0 mm.

Face Grooving in bores

For use in bores as of minimum bore diameter 14,0 mm.

Schnittwerte (Start) // Cutting parameters (start)

| | |
|-----------|----------------|
| f | Vc |
| 0,02 mm/U | Seite/Page 442 |

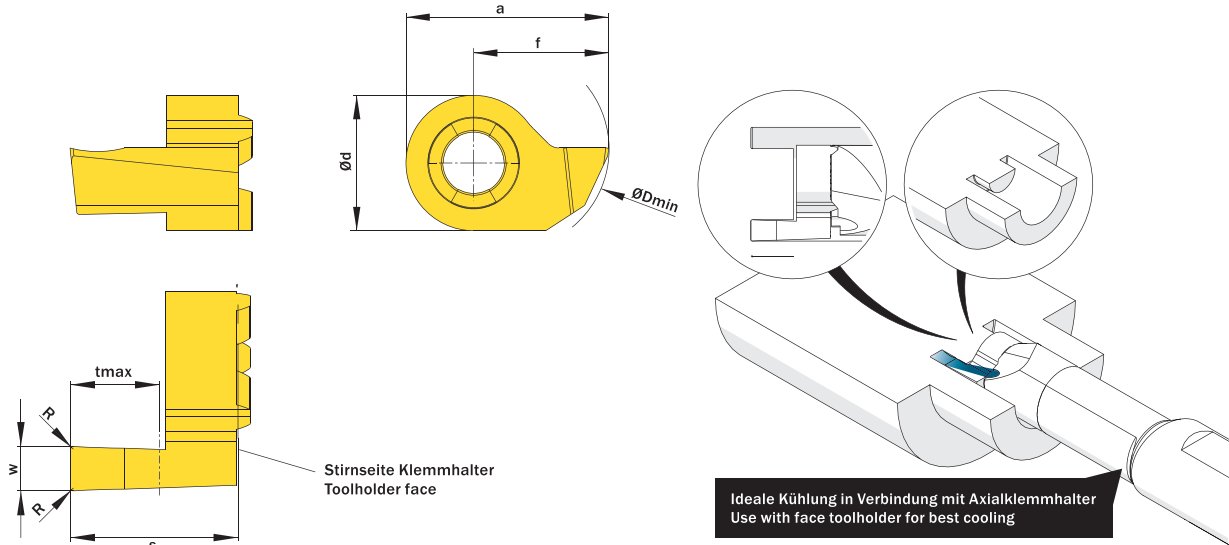
Passende Klemmhalter auf Seite // Suitable toolholders on page
182, 183, 184



Legende
Legend 238

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Ideale Kühlung in Verbindung mit Axialklemmhalter
Use with face toolholder for best cooling

Abbildung zeigt / Drawing shows: D14.1430.62 A R

| Ødmin (Min. Bohrung) Ødmin (min. bore) | w +0,03 | R | tmax | Artikelnummer Part number | Webcode www.simtek.com/webcode | Empfohlene Schneidstoffe Tagesaktuelle Verfügbarkeit und Preise finden Sie auf www.simtek.com/webcode Recommended cutting grades You can find current availability and prices on www.simtek.com/webcode | a | Ød | f | S | Connectcode www.simtek.com/code | |
|---|---------|-----|------|------------------------------|-----------------------------------|--|------|------|------|------|------------------------------------|---|
| | | | | | | | | | | | P | K |
| ▼ tmax = 1,5 mm | | | | | | | | | | | | |
| 14,0 | 1,0 | - | 1,5 | D14.1410.00 AR/L | R AB03 L AJC4 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L |
| 14,0 | 1,168 | - | 1,5 | D14.1411.00 AR/L | R AA1G L AGEN | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L inch |
| ▼ tmax = 2,5 mm | | | | | | | | | | | | |
| 14,0 | 1,5 | 0,2 | 2,5 | D14.1415.02 AR/L | R AET8 L ABZX | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L |
| 14,0 | 1,6 | 0,2 | 2,5 | D14.1416.02 AR/L | R AC9S L AGVC | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L |
| 14,0 | 1,575 | 0,2 | 2,5 | D14.1416.020 AR | A4VN | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | | D14.A.R inch |
| ▼ tmax = 3,0 mm | | | | | | | | | | | | |
| 14,0 | 2,0 | 0,2 | 3,0 | D14.1420.02 AR/L | R AKZS L AG57 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L upd |
| 14,0 | 2,388 | 0,2 | 3,0 | D14.1424.02 AR/L | R AF82 L AHNH | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L inch |
| 14,0 | 2,5 | 0,2 | 3,0 | D14.1425.02 AR/L | R AMKF L AJN5 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L |
| 14,0 | 3,0 | 0,2 | 3,0 | D14.1430.02 AR/L | R AKV7 L AJKK | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L |
| 14,0 | 3,175 | 0,2 | 3,0 | D14.1432.02 AR/L | R AHGE L AMA5 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | R | D14.A.R L D14.A.L inch |
| ▼ tmax = 5,0 mm | | | | | | | | | | | | |
| 14,0 | 2,0 | 0,2 | 5,0 | D14.1420.52 AR/L | R AGV5 L AATA | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | R | D14.A.R L D14.A.L |
| 14,0 | 2,388 | 0,2 | 5,0 | D14.1424.52 AR/L | R AF3H L AMMD | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | R | D14.A.R L D14.A.L inch |
| 14,0 | 2,5 | 0,2 | 5,0 | D14.1425.52 AR/L | R ACQN L AGFZ | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | R | D14.A.R L D14.A.L |
| 14,0 | 3,0 | 0,2 | 5,0 | D14.1430.52 AR/L | R AKV7 L AJKK | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | R | D14.A.R L D14.A.L |
| 14,0 | 3,175 | 0,2 | 5,0 | D14.1432.52 AR/L | R AGHH L ANZK | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | R | D14.A.R L D14.A.L inch |
| ▼ tmax = 6,0 mm | | | | | | | | | | | | |
| 14,0 | 3,0 | 0,2 | 6,0 | D14.1430.62 AR | AGU2 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 11,3 | | D14.A.R |
| ▼ tmax = 10,0 mm | | | | | | | | | | | | |
| 18,0 | 3,0 | 0,2 | 10,0 | D18.1830.10.02 AR/L | R AGNP L AVST | X800 X400 X600 GX79 X500 X400 | 16,5 | 11,0 | 11,0 | 15,8 | R | D18.18.A.R L D18.18.A.L |
| 18,0 | 4,0 | 0,2 | 10,0 | D18.1840.10.02 AR/L | R AVJW L AVSU | X800 X400 X600 GX79 X500 X400 | 17,0 | 11,0 | 11,5 | 15,8 | R | D18.18.A.R L D18.18.A.L |

Bestellbeispiel // Order example: D14.1415.02 AR X800 (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade)

Axialeinstiche in Zapfen

Geeignet ab Bohrungsdurchmesser 12,0 mm.

Face Grooving on Pivots

For use in bores as of minimum bore diameter 12,0 mm.

| Schnittwerte (Start) // Cutting parameters (start) | |
|--|----------------|
| f | Vc |
| 0,02 mm/U | Seite/Page 442 |

Passende Klemmhalter auf Seite // Suitable toolholders on page
182, 183, 184

SP HM Legende Legend **238**

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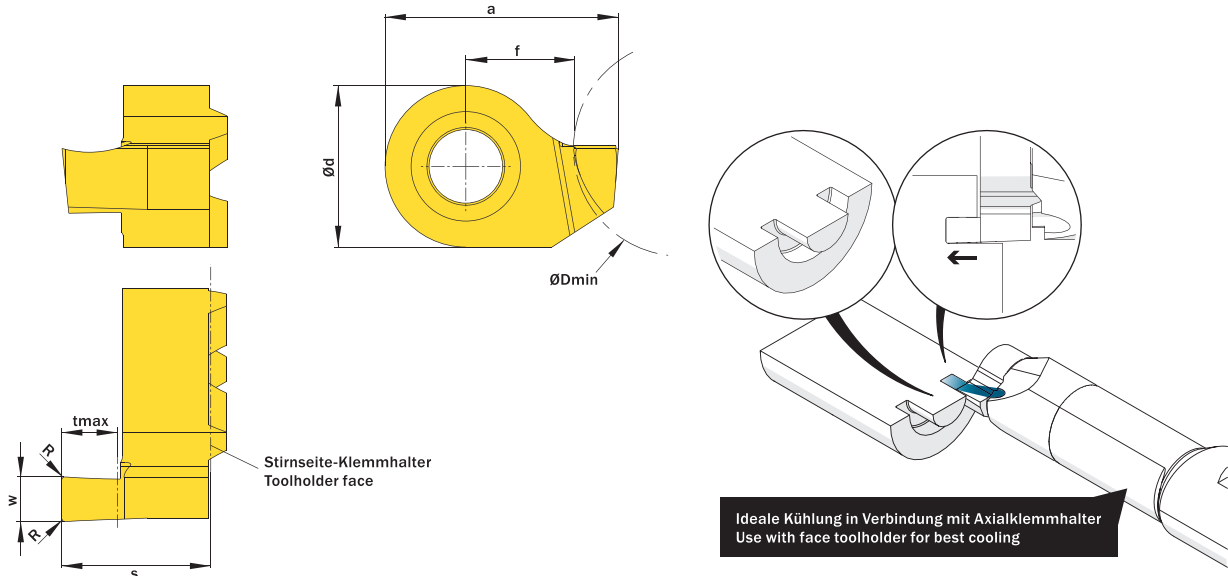


Abbildung zeigt / Drawing shows: D14.1225.02 AR

| ØDmin (Min. Bohrung) ØDmin (min. bore) | w +0,03 | R | tmax | Artikelnummer Part number | Webcode www.simtek.com/webcode | Empfohlene Schneidstoffe Recommended cutting grades | a | Ød | f | S | Connectcode www.simtek.com/code |
|---|---------|-----|------|------------------------------|-----------------------------------|--|-------|------|-----|------|---|
| mm | mm | mm | mm | | | P K M N S H O | mm | mm | mm | mm | |
| ▼ tmax = 1,5 mm | | | | | | | | | | | |
| 12,0 | 1,0 | - | 1,5 | D14.1210.00 AR/L | R ABWS L AJFU | X800 X400 X600 GX79 X500 X400 | 11,5 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L |
| 12,0 | 1,168 | - | 1,5 | D14.1211.00 AR/L | R AN2V L AK7A | X800 X400 X600 GX79 X500 X400 | 11,67 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L inch |
| ▼ tmax = 2,5 mm | | | | | | | | | | | |
| 12,0 | 1,5 | 0,2 | 2,5 | D14.1215.02 AR/L | R APSE L AAPS | X800 X400 X600 GX79 X500 X400 | 12,0 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L |
| 12,0 | 1,6 | 0,2 | 2,5 | D14.1216.02 AR/L | R ANAD L AMU8 | X800 X400 X600 GX79 X500 X400 | 12,1 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L |
| 12,0 | 1,575 | 0,2 | 2,5 | D14.1216.020 AL | A7SX | X800 X400 X600 GX79 X500 X400 | 12,07 | 9,0 | 6,0 | 8,3 | D14.A.L new inch |
| ▼ tmax = 3,0 mm | | | | | | | | | | | |
| 12,0 | 1,981 | 0,2 | 3,0 | D14.1219.02 AR/L | R A1AY L A1AX | X800 X400 X600 GX79 X500 X400 | 12,48 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L inch |
| 12,0 | 2,0 | 0,2 | 3,0 | D14.1220.02 AR/L | R AC8D L AE18 | X800 X400 X600 GX79 X500 X400 | 12,5 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L |
| 12,0 | 2,388 | 0,2 | 3,0 | D14.1224.02 AR/L | R AKEX L AFYX | X800 X400 X600 GX79 X500 X400 | 12,9 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L inch |
| 12,0 | 2,5 | 0,2 | 3,0 | D14.1225.02 AR/L | R AGWW L AEK9 | X800 X400 X600 GX79 X500 X400 | 13,0 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L |
| 12,0 | 3,0 | 0,2 | 3,0 | D14.1230.02 AR/L | R AE7M L AMQB | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L |
| 12,0 | 3,175 | 0,2 | 3,0 | D14.1232.02 AR/L | R AEWC L AJFT | X800 X400 X600 GX79 X500 X400 | 13,68 | 9,0 | 6,0 | 8,3 | R D14.A.R L D14.A.L inch |
| ▼ tmax = 5,0 mm | | | | | | | | | | | |
| 12,0 | 2,0 | 0,2 | 5,0 | D14.1220.52 AR/L | R ADJN L AMVV | X800 X400 X600 GX79 X500 X400 | 12,5 | 9,0 | 6,0 | 10,3 | R D14.A.R L D14.A.L |
| 12,0 | 2,388 | 0,2 | 5,0 | D14.1224.52 AR/L | R AGNN L ADHM | X800 X400 X600 GX79 X500 X400 | 12,9 | 9,0 | 6,0 | 10,3 | R D14.A.R L D14.A.L inch |
| 12,0 | 2,5 | 0,2 | 5,0 | D14.1225.52 AR/L | R AF2H L AHXS | X800 X400 X600 GX79 X500 X400 | 13,0 | 9,0 | 6,0 | 10,3 | R D14.A.R L D14.A.L |
| 12,0 | 3,0 | 0,2 | 5,0 | D14.1230.52 AR/L | R AKFF L AP2M | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 6,0 | 10,3 | R D14.A.R L D14.A.L |
| 12,0 | 3,175 | 0,2 | 5,0 | D14.1232.52 AR/L | R AMPY L AN1Y | X800 X400 X600 GX79 X500 X400 | 13,68 | 9,0 | 6,0 | 10,3 | R D14.A.R L D14.A.L inch |
| ▼ tmax = 6,0 mm | | | | | | | | | | | |
| 12,0 | 3,0 | 0,2 | 6,0 | D14.1230.62 AR | AAKH | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 6,0 | 11,3 | D14.A.R |
| ▼ tmax = 10,0 mm | | | | | | | | | | | |
| 16,0 | 3,0 | 0,2 | 10,0 | D18.1630.10.02 A R/L | R AT1G L AVSW | X800 X400 X600 GX79 X500 X400 | 16,5 | 11,0 | 8,0 | 15,8 | R D18.16.A.R L D18.16.A.L |
| 16,0 | 4,0 | 0,2 | 10,0 | D18.1640.10.02 A R/L | R AT1H L AVSV | X800 X400 X600 GX79 X500 X400 | 17,5 | 11,0 | 8,0 | 15,8 | R D18.16.A.R L D18.16.A.L |

Bestellbeispiel // Order example: **D14.1215.02 AR X800** (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade)

Axialeinstiche in Bohrungen, Vollradius

Geeignet ab Bohrungsdurchmesser 14,0 mm.

Face Grooving in bores, Full Radius

For use in bores as of minimum bore diameter 14,0 mm.

Schnittwerte (Start) // Cutting parameters (start)

| | |
|-----------|----------------|
| f | Vc |
| 0,02 mm/U | Seite/Page 442 |

Passende Klemmhalter auf Seite // Suitable toolholders on page 182, 183, 184



Legende Legend 238

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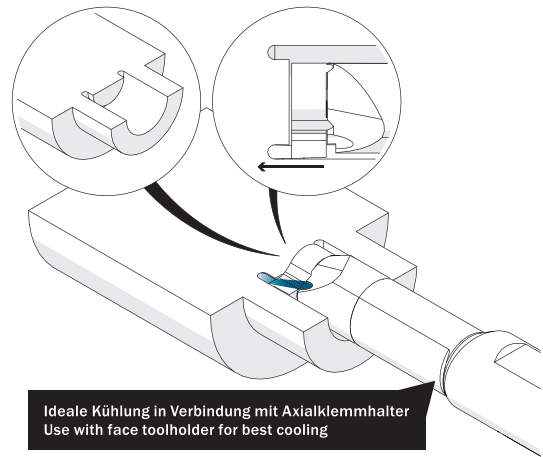
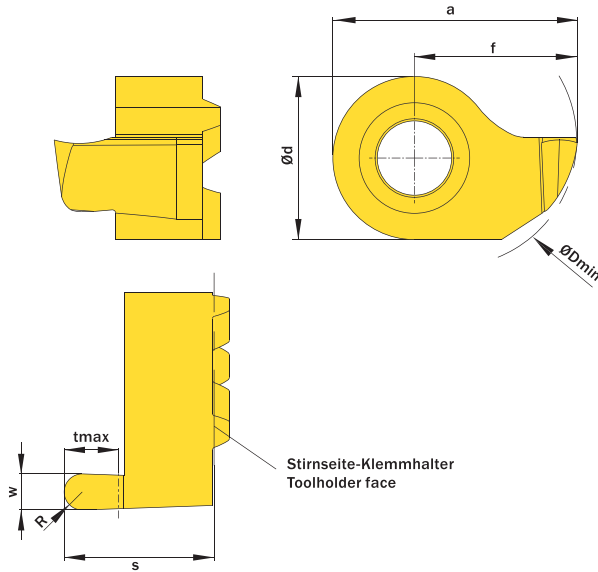


Abbildung zeigt / Drawing shows: D14.1420.10 AR

| ØDmin (Min. Bohrung) ØDmin (min. bore) | w +0,03 | R | Artikelnummer Part number | Webcode www.simtek.com/webcode | Empfohlene Schneidstoffe Recommended cutting grades Tagesaktuelle Verfügbarkeit und Preise finden Sie auf www.simtek.com/webcode You can find current availability and prices on www.simtek.com/webcode | a | Ød | f | S | tmax | Connectcode www.simtek.com/code | |
|---|---------|------|------------------------------|-----------------------------------|--|------|-----|-----|------|------|---|-----------|
| | | | | | | | | | | | P | K |
| ▼ tmax = 1,5 mm | | | | | | | | | | | | |
| 14,0 | 1,0 | 0,5 | D14.1410.05 AR/L | R AEG0 L ACGA | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | 1,5 | R D14.A.R | L D14.A.L |
| 14,0 | 1,168 | 0,58 | D14.1412.058 AV R | A4VQ | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | 1,5 | D14.A.R inch | |
| ▼ tmax = 2,5 mm | | | | | | | | | | | | |
| 14,0 | 1,5 | 0,75 | D14.1415.07 AR/L | R A1GH L A1GG | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | 2,5 | R D14.A.R | L D14.A.L |
| 14,0 | 1,6 | 0,8 | D14.1416.08 AR/L | R ABNN L AFEQ | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | 2,5 | R D14.A.R | L D14.A.L |
| ▼ tmax = 3,0 mm | | | | | | | | | | | | |
| 14,0 | 2,0 | 1,0 | D14.1420.10 AR/L | R APW0 L AHNX | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | 3,0 | R D14.A.R | L D14.A.L |
| 14,0 | 2,5 | 1,25 | D14.1425.12 AR/L | R ANJW L ADX1 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | 3,0 | R D14.A.R | L D14.A.L |
| 14,0 | 3,0 | 1,5 | D14.1430.15 AR/L | R AP37 L ABES | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 8,3 | 3,0 | R D14.A.R | L D14.A.L |
| ▼ tmax = 5,0 mm | | | | | | | | | | | | |
| 14,0 | 2,0 | 1,0 | D14.1420.50 AV R/L | R AWE5 L AWE4 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | 5,0 | R D14.A.R | L D14.A.L |
| 14,0 | 2,5 | 1,25 | D14.1425.50 AV R/L | R AWE7 L AWE6 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | 5,0 | R D14.A.R | L D14.A.L |
| 14,0 | 3,0 | 1,5 | D14.1430.50 AV R/L | R AWE9 L AWE8 | X800 X400 X600 GX79 X500 X400 | 13,5 | 9,0 | 9,0 | 10,3 | 5,0 | R D14.A.R | L D14.A.L |

Bestellbeispiel // Order example: D14.1420.10 AR X800 (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade)

Axialeinstechen am Zapfen

Für die Herstellung von Axialeinstichen am Zapfen und Kopierdrehen von axialen Konturen. Geeignet ab Nutdurchmesser 6,0 mm.

Face Grooving on Pivots

For face grooving on pivots and copy turning of axial contours. For use as of groove diameter 6,0 mm.

| | |
|--|----------------------|
| Schnittwerte (Start) // Cutting parameters (start) | |
| f 0,02 mm/U | Vc Seite/Page 442 |

Passende Klemmhalter auf Seite // Suitable toolholders on page
182, 183, 184

SP
HM **R**

Legende
Legend **238**

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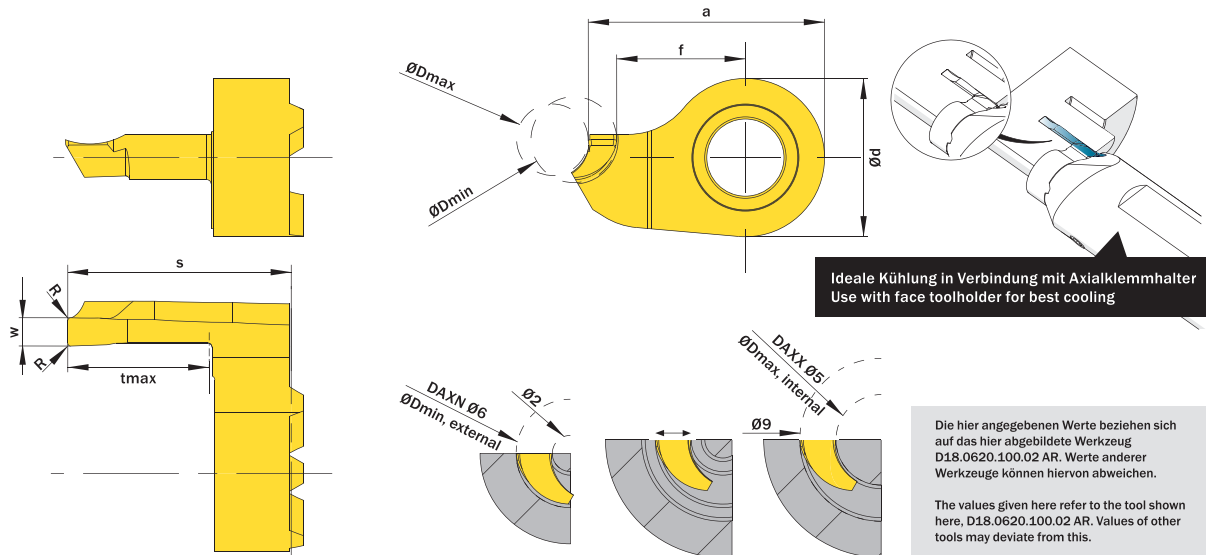


Abbildung zeigt / Drawing shows: D18.0620.100.02 AR

| ØDmin DAXN | ØDmax DAXX | w ^{+0,03} | tmax | R | Artikelnummer Part number | Webcode www.simtek.com/webcode | Empfohlene Schneidstoffe Recommended cutting grades | a | Ød | f | S | Connectcode www.simtek.com/code | |
|---------------------|---------------|--------------------|------|-----|------------------------------|-----------------------------------|--|------|------|------|------|------------------------------------|-----|
| mm | mm | mm | mm | mm | | | P K M N S H O You can find current availability and prices on www.simtek.com/webcode | mm | mm | mm | mm | | |
| ▼ w = 1,0 mm | | | | | | | | | | | | | |
| 6,0 | 5,0 | 1,0 | 5,0 | 0,1 | D18.0610.050.01 AR | BHSC | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 7,0 | 6,0 | 1,0 | 5,0 | 0,1 | D18.0710.050.01 AR | BHSE | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 8,0 | 7,0 | 1,0 | 5,0 | 0,1 | D18.0810.050.01 AR | BHSG | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 9,0 | 8,0 | 1,0 | 5,0 | 0,1 | D18.0910.050.01 AR | BHSJ | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 10,0 | 9,0 | 1,0 | 5,0 | 0,1 | D18.1010.050.01 AR | BHSM | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 11,0 | 10,0 | 1,0 | 5,0 | 0,1 | D18.1110.050.01 AR | BHSP | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 12,0 | 11,0 | 1,0 | 5,0 | 0,1 | D18.1210.050.01 AR | BHSS | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 13,0 | 12,0 | 1,0 | 5,0 | 0,1 | D18.1310.050.01 AR | BHSU | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| 14,0 | 13,0 | 1,0 | 5,0 | 0,1 | D18.1410.050.01 AR | BHSW | X800 | 16,5 | 11,0 | 10,0 | 15,8 | D18.16.A.L | new |
| ▼ w = 1,5 mm | | | | | | | | | | | | | |
| 6,0 | 5,0 | 1,5 | 7,5 | 0,1 | D18.0615.075.01 AR | BHSY | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 7,0 | 6,0 | 1,5 | 7,5 | 0,1 | D18.0715.075.01 AR | BHS0 | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 8,0 | 7,0 | 1,5 | 7,5 | 0,1 | D18.0815.075.01 AR | BHS2 | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 9,0 | 8,0 | 1,5 | 7,5 | 0,1 | D18.0915.075.01 AR | BHS4 | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 10,0 | 9,0 | 1,5 | 7,5 | 0,1 | D18.1015.075.01 AR | BHS6 | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 11,0 | 10,0 | 1,5 | 7,5 | 0,1 | D18.1115.075.01 AR | BHS8 | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 12,0 | 11,0 | 1,5 | 7,5 | 0,1 | D18.1215.075.01 AR | BHTA | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 13,0 | 12,0 | 1,5 | 7,5 | 0,1 | D18.1315.075.01 AR | BHTC | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |
| 14,0 | 13,0 | 1,5 | 7,5 | 0,1 | D18.1415.075.01 AR | BHTE | X800 | 16,5 | 11,0 | 9,5 | 15,8 | D18.16.A.L | new |

Bestellbeispiel // Order example: **D18.0725.100.02 AR X800** (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade) mit Connectcode D14.A.L für Drehrichtung rechts // with Connectcode D14.A.L for clockwise rotation.

Axialeinstechen am Zapfen

Für die Herstellung von Axialeinstichen am Zapfen und Kopierdrehen von axialen Konturen.
Geeignet ab Nutdurchmesser 6,0 mm.

Face Grooving on Pivots

For face grooving on pivots and copy turning of axial contours.
For use as of groove diameter 6,0 mm.

| | |
|--|----------------------|
| Schnittwerte (Start) // Cutting parameters (start) | |
| f 0,02 mm/U | Vc Seite/Page 442 |

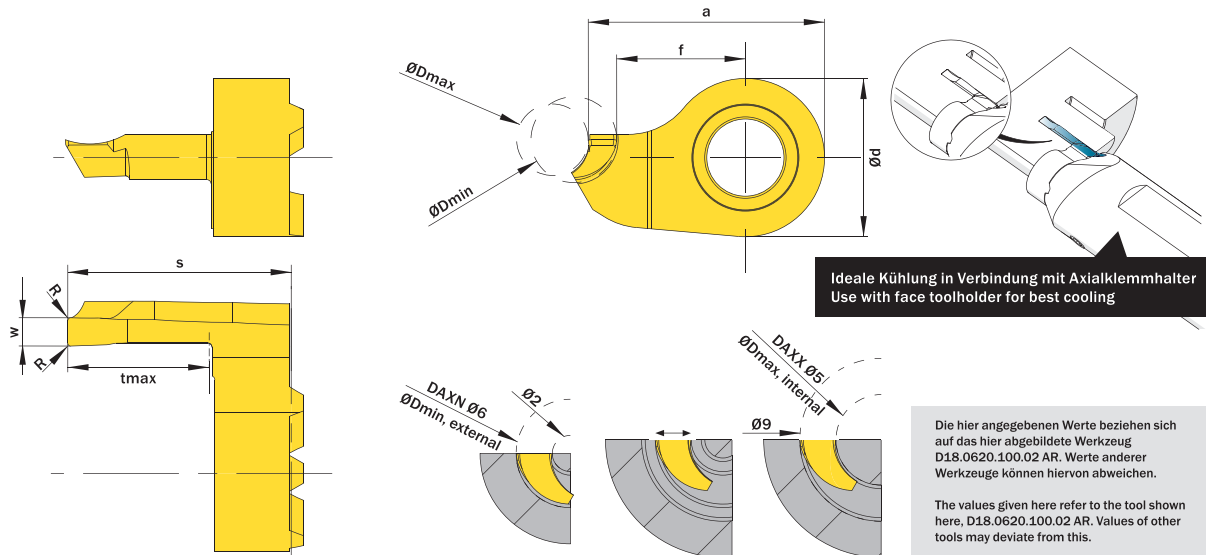
Passende Klemmhalter auf Seite // Suitable toolholders on page
182, 183, 184

SP
HM **R**

Legende
Legend **238**

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Die hier angegebenen Werte beziehen sich auf das hier abgebildete Werkzeug D18.0620.100.02 AR. Werte anderer Werkzeuge können hiervon abweichen.
The values given here refer to the tool shown here, D18.0620.100.02 AR. Values of other tools may deviate from this.

Abbildung zeigt / Drawing shows: D18.0620.100.02 AR

| ØDmin DAXN | ØDmax DAXX | w ^{+0,03} | tmax | R | Artikelnummer Part number | Webcode www.simtek.com/webcode | Empfohlene Schneidstoffe Recommended cutting grades | a | Ød | f | S | Connectcode www.simtek.com/code | |
|---------------------|---------------|--------------------|------|-----|------------------------------|-----------------------------------|--|------|------|-----|------|------------------------------------|-----|
| mm | mm | mm | mm | mm | | | P K M N S H O | mm | mm | mm | mm | | |
| ▼ w = 2,0 mm | | | | | | | | | | | | | |
| 6,0 | 5,0 | 2,0 | 10,0 | 0,2 | D18.0620.100.02 AR | BHTG | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 7,0 | 6,0 | 2,0 | 10,0 | 0,2 | D18.0720.100.02 AR | BHTJ | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 8,0 | 7,0 | 2,0 | 10,0 | 0,2 | D18.0820.100.02 AR | BHTM | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 9,0 | 8,0 | 2,0 | 10,0 | 0,2 | D18.0920.100.02 AR | BHTP | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 10,0 | 9,0 | 2,0 | 10,0 | 0,2 | D18.1020.100.02 AR | BHTS | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 11,0 | 10,0 | 2,0 | 10,0 | 0,2 | D18.1120.100.02 AR | BHTU | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 12,0 | 11,0 | 2,0 | 10,0 | 0,2 | D18.1220.100.02 AR | BHTW | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 13,0 | 12,0 | 2,0 | 10,0 | 0,2 | D18.1320.100.02 AR | BHTY | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| 14,0 | 13,0 | 2,0 | 10,0 | 0,2 | D18.1420.100.02 AR | BHTØ | X800 | 16,5 | 11,0 | 9,0 | 15,8 | D18.16.A.L | new |
| ▼ w = 2,5 mm | | | | | | | | | | | | | |
| 6,0 | 5,0 | 2,5 | 10,0 | 0,2 | D18.0625.100.02 AR | BHT2 | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 7,0 | 6,0 | 2,5 | 10,0 | 0,2 | D18.0725.100.02 AR | BHT4 | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 8,0 | 7,0 | 2,5 | 10,0 | 0,2 | D18.0825.100.02 AR | BHT6 | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 9,0 | 8,0 | 2,5 | 10,0 | 0,2 | D18.0925.100.02 AR | BHT8 | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 10,0 | 9,0 | 2,5 | 10,0 | 0,2 | D18.1025.100.02 AR | BHUA | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 11,0 | 10,0 | 2,5 | 10,0 | 0,2 | D18.1125.100.02 AR | BHUC | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 12,0 | 11,0 | 2,5 | 10,0 | 0,2 | D18.1225.100.02 AR | BHUE | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 13,0 | 12,0 | 2,5 | 10,0 | 0,2 | D18.1325.100.02 AR | BHUG | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |
| 14,0 | 13,0 | 2,5 | 10,0 | 0,2 | D18.1425.100.02 AR | BHUJ | X800 | 16,5 | 11,0 | 8,5 | 15,8 | D18.16.A.L | new |

Bestellbeispiel // Order example: **D18.0725.100.02 AR X800** (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade) mit Connectcode D14.A.L für Drehrichtung rechts // with Connectcode D14.A.L for clockwise rotation.

Axialeinstechen am Zapfen

Für die Herstellung von Axialeinstichen am Zapfen und Kopierdrehen von axialen Konturen. Geeignet ab Nutdurchmesser 6,0 mm.

Face Grooving on Pivots

For face grooving on pivots and copy turning of axial contours. For use as of groove diameter 6,0 mm.

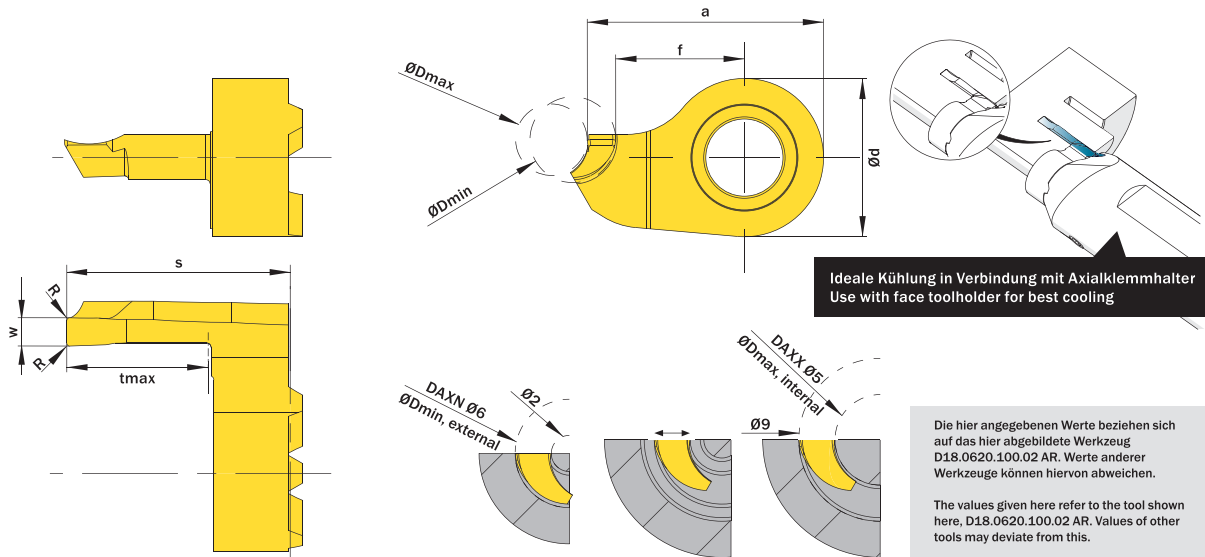
| | |
|--|----------------------|
| Schnittwerte (Start) // Cutting parameters (start) | |
| f 0,02 mm/U | Vc Seite/Page 442 |

Passende Klemmhalter auf Seite // Suitable toolholders on page
182, 183, 184

SP **HM** **R**

Legende Legend 238

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Die hier angegebenen Werte beziehen sich auf das hier abgebildete Werkzeug D18.0620.100.02 AR. Werte anderer Werkzeuge können hiervon abweichen.
The values given here refer to the tool shown here, D18.0620.100.02 AR. Values of other tools may deviate from this.

Abbildung zeigt / Drawing shows: D18.0620.100.02 AR

| ØDmin DAXN | ØDmax DAXX | w ^{+0,03} | tmax | R | Artikelnummer Part number | Webcode www.simtek.com/webcode | Empfohlene Schneidstoffe Recommended cutting grades | a | Ød | f | S | Connectcode www.simtek.com/code | |
|---------------------|---------------|--------------------|------|-----|------------------------------|-----------------------------------|--|------|------|-----|------|------------------------------------|-----|
| mm | mm | mm | mm | mm | | | P K M N S H O | mm | mm | mm | mm | | |
| ▼ w = 3,0 mm | | | | | | | | | | | | | |
| 6,0 | 5,0 | 3,0 | 10,0 | 0,2 | D18.0630.100.02 AR | BHUM | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 7,0 | 6,0 | 3,0 | 10,0 | 0,2 | D18.0730.100.02 AR | BHUP | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 8,0 | 7,0 | 3,0 | 10,0 | 0,2 | D18.0830.100.02 AR | BHUS | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 9,0 | 8,0 | 3,0 | 10,0 | 0,2 | D18.0930.100.02 AR | BHUU | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 10,0 | 9,0 | 3,0 | 10,0 | 0,2 | D18.1030.100.02 AR | BHUW | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 11,0 | 10,0 | 3,0 | 10,0 | 0,2 | D18.1130.100.02 AR | BHUY | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 12,0 | 11,0 | 3,0 | 10,0 | 0,2 | D18.1230.100.02 AR | BHUØ | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 13,0 | 12,0 | 3,0 | 10,0 | 0,2 | D18.1330.100.02 AR | BHU2 | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 14,0 | 13,0 | 3,0 | 10,0 | 0,2 | D18.1430.100.02 AR | BHU4 | X800 | 16,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| ▼ w = 4,0 mm | | | | | | | | | | | | | |
| 6,0 | 5,0 | 4,0 | 10,0 | 0,2 | D18.0640.100.02 AR | BHU6 | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 7,0 | 6,0 | 4,0 | 10,0 | 0,2 | D18.0740.100.02 AR | BHU8 | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 8,0 | 7,0 | 4,0 | 10,0 | 0,2 | D18.0840.100.02 AR | BHVA | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 9,0 | 8,0 | 4,0 | 10,0 | 0,2 | D18.0940.100.02 AR | BHVC | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 10,0 | 9,0 | 4,0 | 10,0 | 0,2 | D18.1040.100.02 AR | BHVE | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 11,0 | 10,0 | 4,0 | 10,0 | 0,2 | D18.1140.100.02 AR | BHVG | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 12,0 | 11,0 | 4,0 | 10,0 | 0,2 | D18.1240.100.02 AR | BHVJ | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 13,0 | 12,0 | 4,0 | 10,0 | 0,2 | D18.1340.100.02 AR | BHVM | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |
| 14,0 | 13,0 | 4,0 | 10,0 | 0,2 | D18.1440.100.02 AR | BHVP | X800 | 17,5 | 11,0 | 8,0 | 15,8 | D18.16.A.L | new |

Bestellbeispiel // Order example: **D18.0725.100.02 AR X800** (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade) mit Connectcode D14.A.L für Drehrichtung rechts // with Connectcode D14.A.L for clockwise rotation.

Klemmhalter, Innenbearbeitung

Schwingungsgedämpfter Hartmetall-Rundschaft mit innerer Kühlmittelzufuhr.

Toolholder, For Internal Applications

Anti-vibration solid carbide round shank toolholder with through coolant.

Anzugsmoment (Schraube) // Tightening torque (screw)

4,5 Nm

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

MASTER (Seite/Page 236)

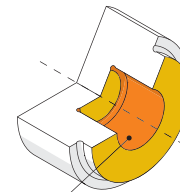
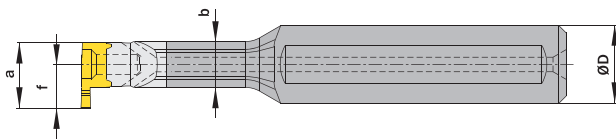
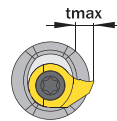
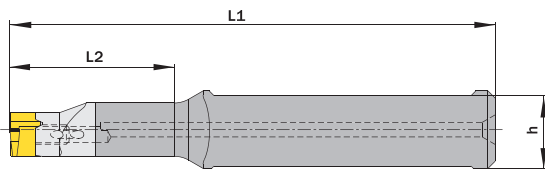


Legende
Legend **238**



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Maße „a“, „f“ und „tmax“ sind abhängig vom verwendeten Schneideinsatz.
Dimensions „a“, „f“ and „tmax“ depend on used carbide inserts.

- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

Abbildung zeigt / Drawing shows: D14.0016.34 HM

| | | | | | | | | | |
|--------------|-----------|------------------------------|---|----------|----------|-----------|-------------------|------------------------------------|---|
| ØD h6 | L2 | Artikelnummer Part number | Webcode www.simtek.com/webcode | b | h | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/code |
| mm | mm | | | mm | mm | mm | | | |

◀ Fortgesetzte Tabelle
Continued Table

Verwandte Werkzeuge finden Sie auch auf der vorhergehenden Seite!
Related Items can be found on the previous page as well!

| ▼ ØD = 12,0 mm | | | | | | | | | |
|----------------|------|------------------------|------|-----|------|-------|------|------|-------------------------|
| 12,0 | 20,0 | D14.0012.20 HM | A089 | 9,5 | 11,0 | 75,0 | ATMB | T15F | D14 |
| 12,0 | 34,0 | D14.0012.34 HM | AMQ7 | 9,5 | 11,0 | 100,0 | ATMB | T15F | D14 |
| 12,0 | 45,0 | D14.0012.45 HM | AMYJ | 9,5 | 11,0 | 110,0 | ATMB | T15F | D14 |
| 12,0 | 64,0 | D14.0012.64 HM | AEQA | 9,5 | 11,0 | 130,0 | ATMB | T15F | D14 |
| ▼ ØD = 12,7 mm | | | | | | | | | |
| 12,7 | 20,0 | D14.0.500.20 HM | A5T7 | 9,5 | 11,7 | 75,0 | ATMB | T15F | D14 <small>inch</small> |
| 12,7 | 34,0 | D14.0.500.34 HM | AEBY | 9,5 | 11,7 | 100,0 | ATMB | T15F | D14 <small>inch</small> |
| 12,7 | 45,0 | D14.0.500.45 HM | AEZJ | 9,5 | 11,7 | 110,0 | ATMB | T15F | D14 <small>inch</small> |
| 12,7 | 64,0 | D14.0.500.64 HM | AAEN | 9,5 | 11,7 | 130,0 | ATMB | T15F | D14 <small>inch</small> |

Verwandte Werkzeuge finden Sie auch auf der folgenden Seite!
Related Items can be found on the following page as well!

▶ Fortgesetzte Tabelle
Continued Table

Bestellbeispiel // Order example: **D14.0016.34 HM**

Eine Umschlüsselungliste von **Webcode zu Schrauben bzw. Spannmuttern** finden Sie auf Seite **766**.
A conversion list from **webcode to screws as well as standard screw nuts** can be found on page **766**.

Klemmhalter, Innenbearbeitung

Schwingungsgedämpfter Hartmetall-Rundschaft mit innerer Kühlmittelzufuhr.

Toolholder, For Internal Applications

Anti-vibration solid carbide round shank toolholder with through coolant.

Anzugsmoment (Schraube) // Tightening torque (screw)
4,5 Nm

Bitte Hinweise im Anhang beachten // Please read add. notes
MASTER (Seite/Page 236)

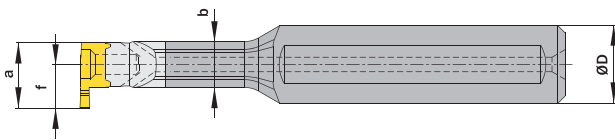
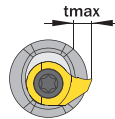
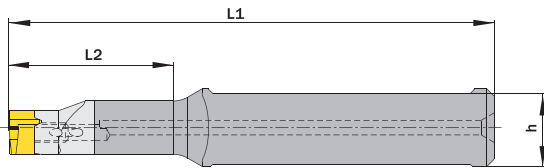
TW
HM

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Legend

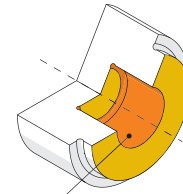
238

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Maße „a“, „f“ und „tmax“ sind abhängig vom verwendeten Schneideinsatz.
Dimensions „a“, „f“ and „tmax“ depend on used carbide inserts.

Abbildung zeigt / Drawing shows: D14.0016.34 HM



- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

| ØD h6 | L2 | Artikelnummer Part number | Webcode www.simtek.com/webcode | b | h | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/code |
|-------|----|------------------------------|---|----|----|----|-------------------|------------------------------------|---|
| mm | mm | | | mm | mm | mm | | | |

Fortgesetzte Tabelle Continued Table **Verwandte Werkzeuge finden Sie auch auf der vorhergehenden Seite!**
Related Items can be found on the previous page as well!

| ▼ ØD = 15,875 mm | | | | | | | | | | |
|------------------|------|------------------------|------|-----|-------|-------|------|------|-----|-------------------------|
| 15,875 | 34,0 | D14.0.625.34 HM | AG7B | 9,5 | 14,88 | 100,0 | ATMB | T15F | D14 | <small>inch</small> |
| 15,875 | 45,0 | D14.0.625.45 HM | AB11 | 9,5 | 14,88 | 110,0 | ATMB | T15F | D14 | <small>inch</small> |
| 15,875 | 64,0 | D14.0.625.64 HM | AAMU | 9,5 | 14,88 | 130,0 | ATMB | T15F | D14 | <small>inch</small> |
| 15,875 | 75,0 | D14.0.625.75 HM | AEUU | 9,5 | 14,88 | 140,0 | ATMB | T15F | D14 | <small>new inch</small> |
| ▼ ØD = 16,0 mm | | | | | | | | | | |
| 16,0 | 34,0 | D14.0016.34 HM | AFP8 | 9,5 | 15,0 | 100,0 | ATMB | T15F | D14 | |
| 16,0 | 45,0 | D14.0016.45 HM | AA1H | 9,5 | 15,0 | 110,0 | ATMB | T15F | D14 | |
| 16,0 | 64,0 | D14.0016.64 HM | AB99 | 9,5 | 15,0 | 130,0 | ATMB | T15F | D14 | |
| 16,0 | 75,0 | D14.0016.75 HM | AFD1 | 9,5 | 15,0 | 140,0 | ATMB | T15F | D14 | |

Verwandte Werkzeuge finden Sie auch auf der folgenden Seite!
Related Items can be found on the following page as well!

Bestellbeispiel // Order example: **D14.0016.34 HM**

Eine Umschlüsselungliste von **Webcode zu Schrauben bzw. Spannmuttern** finden Sie auf Seite **766**.
A conversion list from **webcode to screws as well as standard screw nuts** can be found on page **766**.

Klemmhalter, Innenbearbeitung

Schwingungsgedämpfter Hartmetall-Rundschaft mit innerer Kühlmittelzufuhr.

Toolholder, For Internal Applications

Anti-vibration solid carbide round shank toolholder with through coolant.

Anzugsmoment (Schraube) // Tightening torque (screw)
7,0 Nm

Bitte Hinweise im Anhang beachten // Please read add. notes
MASTER (Seite/Page 236)

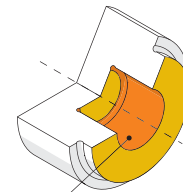
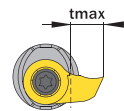
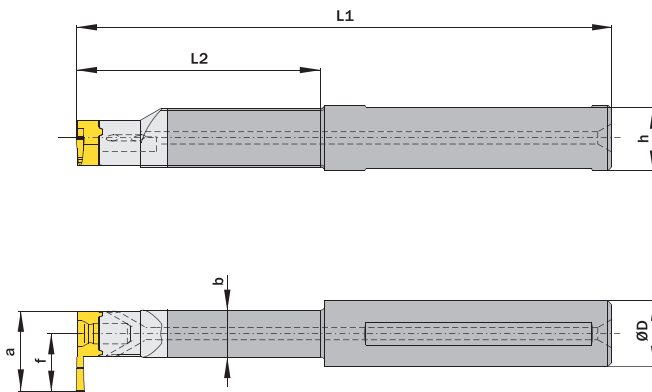
TW
HM

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Legende
Legend

238

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Maße „a“, „f“ und „tmax“ sind abhängig vom verwendeten Schneideinsatz.
Dimensions „a“, „f“ and „tmax“ depend on used carbide inserts.

- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

Abbildung zeigt / Drawing shows: D18.0016.60 HM

| ØD h6 | L2 | Artikelnummer Part number | Webcode www.simtek.com/webcode | b | h | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/code |
|-------|----|------------------------------|-----------------------------------|----|----|----|-------------------|------------------------------------|------------------------------------|
| mm | mm | | | mm | mm | mm | | | |

Fortgesetzte Tabelle Continued Table **Verwandte Werkzeuge finden Sie auch auf der vorhergehenden Seite!**
Related items can be found on the previous page as well!

| | | | | | | | | | | |
|-------------------------|------|------------------------|------|------|-------|-------|------|------|-----|-------------|
| ▼ ØD = 15,875 mm | | | | | | | | | | |
| 15,875 | 42,0 | D18.0.625.42 HM | AVW3 | 11,5 | 14,88 | 100,0 | ATK6 | T20T | D18 | inch |
| 15,875 | 60,0 | D18.0.625.60 HM | AVW4 | 11,5 | 14,88 | 130,0 | ATK6 | T20T | D18 | inch |
| 15,875 | 85,0 | D18.0.625.85 HM | AVW5 | 11,5 | 14,88 | 160,0 | ATK6 | T20T | D18 | inch |
| ▼ ØD = 16,0 mm | | | | | | | | | | |
| 16,0 | 42,0 | D18.0016.42 HM | AEP1 | 11,5 | 15,0 | 100,0 | ATK6 | T20T | D18 | |
| 16,0 | 60,0 | D18.0016.60 HM | AJFC | 11,5 | 15,0 | 130,0 | ATK6 | T20T | D18 | |
| 16,0 | 85,0 | D18.0016.85 HM | AF5G | 11,5 | 15,0 | 160,0 | ATK6 | T20T | D18 | |
| ▼ ØD = 19,05 mm | | | | | | | | | | |
| 19,05 | 85,0 | D18.0.750.85 HM | AVW6 | 11,5 | 18,05 | 160,0 | ATK6 | T20T | D18 | upd inch |
| ▼ ØD = 20,0 mm | | | | | | | | | | |
| 20,0 | 85,0 | D18.0020.85 HM | AG1A | 11,5 | 19,0 | 160,0 | ATK6 | T20T | D18 | |

Bestellbeispiel // Order example: **D18.0016.60 HM**

Eine Umschlüsselungsliste von **Webcode zu Schrauben bzw. Spannmuttern** finden Sie auf Seite 766.
A conversion list from **webcode to screws as well as standard screw nuts** can be found on page 766.

Klemmhalter, Innenbearbeitung

Stahl-Rundschaft mit innerer Kühlmittelzufuhr.

Toolholder, For Internal Applications

Steel round shank toolholder with through coolant.

Anzugsmoment (Schraube) // Tightening torque (screw)

- “ATK3”: 1,2 Nm
- “ATK6”: 7,0 Nm
- “ATK8”: 2,1 Nm
- “ATK9”: 0,8 Nm
- “ATMB”: 4,5 Nm

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

MASTER (Seite/Page 236)

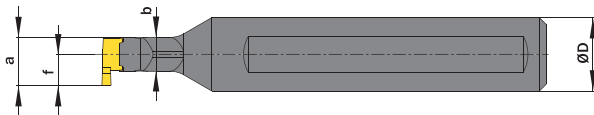
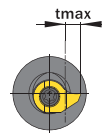
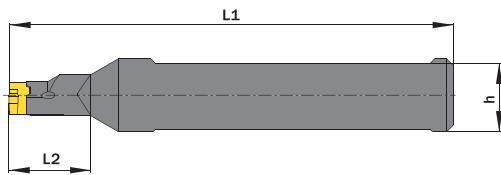


Legende
Legend 238

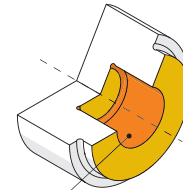


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Maße „a“, „f“ und „tmax“ sind abhängig vom verwendeten Schneideinsatz.
Dimensions „a“, „f“ and „tmax“ depend on used carbide inserts.



- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

Abbildung zeigt / Drawing shows: D10.0016.16 ST

| ØD ^{g6} | L2 | Artikelnummer Part number | Webcode www.simtek.com/webcode | b | h | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/code |
|----------------------------|------|------------------------------|---|-------|-------|-------|-------------------|------------------------------------|---|
| mm | mm | | | mm | mm | mm | | | |
| ▼ Connectcode = D07 | | | | | | | | | |
| 12,0 | 21,0 | D07.0012.21 ST | AU5Z | 4,8 | 11,0 | 80,0 | ATK9 | T7F | D07 |
| 16,0 | 12,0 | D07.0016.12 ST | AU6A | 4,8 | 15,0 | 80,0 | ATK9 | T7F | D07 |
| 12,7 | 21,0 | D07.0.500.21 ST | A5T9 | 4,8 | 11,7 | 80,0 | ATK9 | T7F | D07 ^{inch} |
| 15,875 | 12,0 | D07.0.625.12 ST | A5UB | 4,8 | 14,88 | 80,0 | ATK9 | T7F | D07 ^{inch} |
| ▼ Connectcode = D09 | | | | | | | | | |
| 16,0 | 14,0 | D09.0016.14 ST | AWFE | 6,6 | 15,0 | 95,0 | ATK3 | T8F | D09 |
| 15,875 | 14,0 | D09.0.625.14 ST | A3UH | 6,6 | 14,88 | 95,0 | ATK3 | T8F | D09 ^{inch} |
| ▼ Connectcode = D10 | | | | | | | | | |
| 16,0 | 16,0 | D10.0016.16 ST | ACCJ | 7,4 | 15,0 | 97,0 | ATK8 | T9F | D10 |
| 16,0 | 24,0 | D10.0016.24 ST | A016 | 7,4 | 15,0 | 97,0 | ATK8 | T9F | D10 |
| 15,875 | 16,0 | D10.0.625.16 ST | ABKU | 7,4 | 14,88 | 97,0 | ATK8 | T9F | D10 ^{inch} |
| 15,875 | 24,0 | D10.0.625.24 ST | A017 | 7,4 | 14,88 | 97,0 | ATK8 | T9F | D10 ^{inch} |
| ▼ Connectcode = D14 | | | | | | | | | |
| 16,0 | 20,0 | D14.0016.20 ST | ANP6 | 9,5 | 15,0 | 100,0 | ATMB | T15F | D14 |
| 16,0 | 30,0 | D14.0016.30 ST | A005 | 9,5 | 15,0 | 100,0 | ATMB | T15F | D14 |
| 15,875 | 20,0 | D14.0.625.20 ST | ADZ8 | 9,5 | 14,88 | 100,0 | ATMB | T15F | D14 ^{inch} |
| 15,875 | 30,0 | D14.0.625.30 ST | A5UD | 9,5 | 14,88 | 100,0 | ATMB | T15F | D14 ^{inch} |
| ▼ Connectcode = D18 | | | | | | | | | |
| 20,0 | 25,0 | D18.0020.25 ST | AAWH | 11,5 | 19,0 | 95,0 | ATK6 | T20T | D18 |
| 20,0 | 40,0 | D18.0020.40 ST | APH3 | 11,5 | 19,0 | 105,0 | ATK6 | T20T | D18 |
| 19,05 | 25,0 | D18.0.750.25 ST | AVW1 | 11,48 | 18,05 | 95,0 | ATK6 | T20T | D18 ^{inch} |
| 19,05 | 40,0 | D18.0.750.40 ST | AVW2 | 11,48 | 18,05 | 105,0 | ATK6 | T20T | D18 ^{inch} |

Bestellbeispiel // Order example: D14.0016.20 ST

Eine Umschlüsselungsliste von Webcode zu Schrauben bzw. Spannmuttern finden Sie auf Seite 766.
A conversion list from webcode to screws as well as standard screw nuts can be found on page 766.

simturn AX

simturn DX

simturn PX

simturn H2

simturn K2

simturn GX

simturn E3

simturn E12

simturn FX

simturn Decolletage

simturn OA

Index

Klemmhalter, Axialbearbeitung

Schwingungsgedämpfter Stahl- und Hartmetall-Rundschaft mit optimierter innerer Kühlmittelzufuhr für Axialbearbeitungen.

Toolholder, Face Grooving Applications

Anti-vibration solid steel and carbide round shank with optimized through coolant for face grooving applications.

Anzugsmoment (Schraube) // Tightening torque (screw)

“ATK6”: 7,0 Nm
“ATMB”: 4,5 Nm

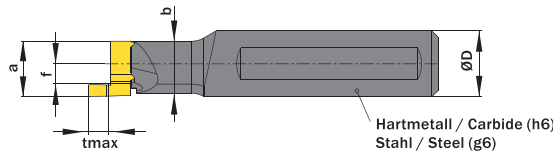
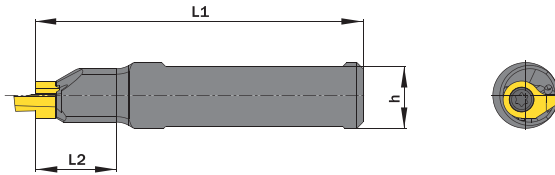
Bitte Hinweise im Anhang beachten // Please read add. notes

MASTER (Seite/Page 236)



Legende
Legend 238

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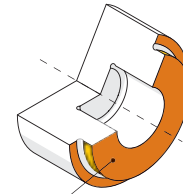


Maße „a“, „f“ und „tmax“ sind abhängig vom verwendeten Schneideinsatz.
Dimensions „a“, „f“ and „tmax“ depend on used carbide inserts.

Abbildung zeigt / Drawing shows: D14.A.0016.20 ST R



Optimierte Kühlung für die Axialbearbeitung.
Optimized through coolant for face grooving applications.



- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

| ØD | L2 | Artikelnummer Part number | Webcode www.simtek.com/webcode | Stahl Steel | Hartmetall Carbide | b | h | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/ccode |
|---|------|------------------------------|-----------------------------------|----------------|-----------------------|------|------|-------|-------------------|------------------------------------|---|
| mm | mm | | | | | mm | mm | mm | | | |
| ▼ Connectcode = D14.A.L D14.A.R | | | | | | | | | | | |
| 15,875 | 62,0 | D14.A.0.625.60 HM R | A5W1 | - | x | 12,7 | 14,9 | 120,0 | ATMB | T15F | D14.A.L D14.A.R |
| ▼ Connectcode = D14.A.L D14.A.R / D14.A.L D14.A.R | | | | | | | | | | | |
| 15,875 | 42,0 | D14.A.0.625.42 HM R/L | R A4V9 L A4V7 | - | x | 12,7 | 14,9 | 100,0 | ATMB | T15F | R D14.A.L D14.A.R L D14.A.L D14.A.R |
| 15,875 | 5,6 | D14.A.0.625.05 ST R/L | R A5UF L A5UH | x | - | - | 14,9 | 70,0 | ATMB | T15F | R D14.A.L D14.A.R L D14.A.L D14.A.R |
| 15,875 | 20,0 | D14.A.0.625.20 ST R/L | R A4UH L A4UK | x | - | 12,7 | 14,9 | 80,0 | ATMB | T15F | R D14.A.L D14.A.R L D14.A.L D14.A.R |
| ▼ Connectcode = D14.A.R / D14.A.L | | | | | | | | | | | |
| 16,0 | 5,3 | D14.A.0016.05 ST R/L | R AB51 L AJ02 | x | - | - | 15,0 | 70,0 | ATMB | T15F | R D14.A.R L D14.A.L |
| 16,0 | 20,0 | D14.A.0016.20 ST R/L | R AE7Z L AJ7N | x | - | 12,7 | 15,0 | 80,0 | ATMB | T15F | R D14.A.R L D14.A.L |
| 16,0 | 42,0 | D14.A.0016.42 HM R/L | R ABY3 L AKPP | - | x | 12,7 | 15,0 | 100,0 | ATMB | T15F | R D14.A.R L D14.A.L |
| 16,0 | 62,0 | D14.A.0016.60 HM R/L | R AQDY L AQDX | - | x | 12,7 | 15,0 | 120,0 | ATMB | T15F | R D14.A.R L D14.A.L |
| ▼ Connectcode = D18.16.A.R D18.18.A.R / D18.16.A.L D18.18.A.L | | | | | | | | | | | |
| 20,0 | 5,6 | D18.A.0020.05.18 ST R/L | R AT09 L AVS0 | x | - | - | 19,0 | 85,0 | ATK6 | T20T | R D18.16.A.R D18.18.A.R L D18.16.A.L D18.18.A.L |
| 19,05 | 5,6 | D18.A.0.750.05.18 ST R/L | R A5UK L A5UN | x | - | - | 18,0 | 85,0 | ATK6 | T20T | R D18.16.A.R D18.18.A.R L D18.16.A.L D18.18.A.L |

Bestellbeispiel // Order example: D14.A.0016.20 ST R (R = Rechte Ausführung // Right hand version)

Eine Umschlüsselungsliste von Webcode zu Schrauben bzw. Spannmuttern finden Sie auf Seite 766.
A conversion list from webcode to screws as well as standard screw nuts can be found on page 766.

Klemmhalter, Axialbearbeitung

Stahl-Quadratschaft für Axialbearbeitungen.

Toolholder, Face Grooving Applications

Steel square shank toolholder for face grooving applications.

Anzugsmoment (Schraube) // Tightening torque (screw)

“ATK6”: 7,0 Nm
“ATMB”: 4,5 Nm

Bitte Hinweise im Anhang beachten // Please read add. notes
MASTER (Seite/Page 236)



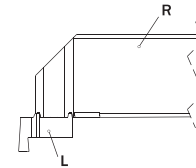
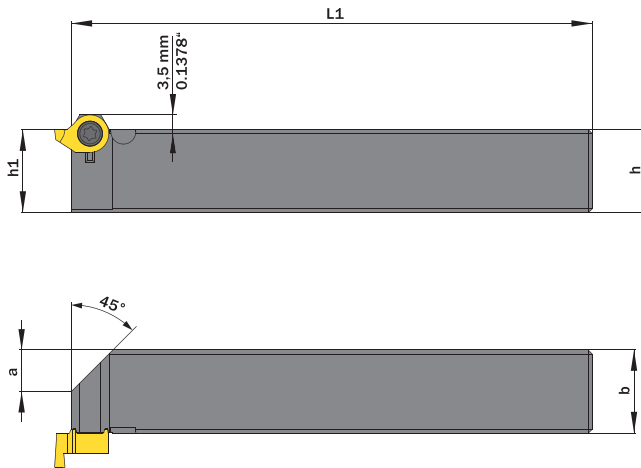
TW Legende
ST Legend

238

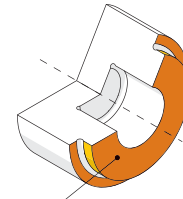


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Bitte beachten: Rechter Halter wird mit linker Platte bestückt und umgekehrt.
Please use right hand toolholder with left hand insert and vice versa.



- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

Abbildung zeigt / Drawing shows: D14.2020.ST R

| h | b | Artikelnummer Part number | Webcode www.simtek.com/webcode | a | h1 | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/code |
|---|------|------------------------------|-----------------------------------|------|------|-------|-------------------|------------------------------------|---|
| mm | mm | | | mm | mm | mm | | | |
| ▼ Connectcode = D14.A.L / D14.A.R | | | | | | | | | |
| 12,0 | 12,0 | D14.1212.ST R/L | R AB16 L AB61 | 2,0 | 12,0 | 100,0 | ATMB | T15F R | D14.A.L L D14.A.R |
| 16,0 | 16,0 | D14.1616.ST R/L | R ABDB L APA7 | 6,0 | 16,0 | 125,0 | ATMB | T15F R | D14.A.L L D14.A.R |
| 20,0 | 20,0 | D14.2020.ST R/L | R APDC L AMY4 | 10,0 | 20,0 | 125,0 | ATMB | T15F R | D14.A.L L D14.A.R |
| 25,0 | 25,0 | D14.2525.ST R/L | R ANUG L ANQØ | 15,0 | 25,0 | 150,0 | ATMB | T15F R | D14.A.L L D14.A.R |
| ▼ Connectcode = D18.16.A.L D18.18.A.L / D18.16.A.R D18.18.A.R | | | | | | | | | |
| 20,0 | 20,0 | D18.2020.ST R/L | R AVS2 L AT9W | 10,0 | 20,0 | 125,0 | ATK6 | T20T R | D18.16.A.L D18.18.A.L L D18.16.A.R D18.18.A.R |
| 25,0 | 25,0 | D18.2525.ST R/L | R AVGE L AVFZ | 15,0 | 25,0 | 150,0 | ATK6 | T20T R | D18.16.A.L D18.18.A.L L D18.16.A.R D18.18.A.R |

Bestellbeispiel // Order example: **D14.2020.ST R** (R = Rechte Ausführung // Right hand version)

Eine Umschlüsselungsliste von **Webcode zu Schrauben bzw. Spannmuttern** finden Sie auf Seite **766**.
A conversion list from **webcode to screws as well as standard screw nuts** can be found on page **766**.

Klemmhalter, Axialbearbeitung

Stahl-Quadratschaft für Axialbearbeitungen, abgesetzte Version.

Toolholder, Face Grooving Applications

Steel square shank toolholder, with offset, for face grooving applications.

Anzugsmoment (Schraube) // Tightening torque (screw)

“ATK6”: 7,0 Nm
“ATMB”: 4,5 Nm

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

MASTER (Seite/Page 236)



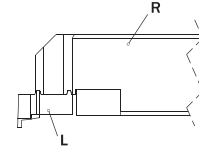
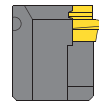
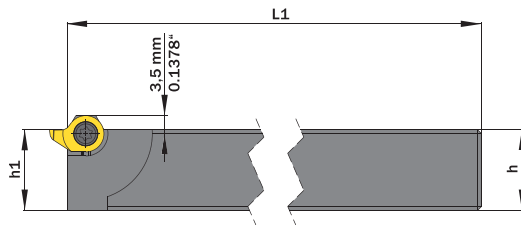
TW Legende
ST Legend

238

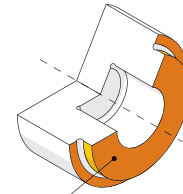
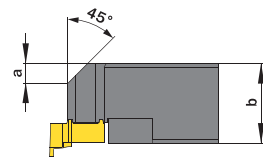


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Bitte beachten: Rechter Halter wird mit linker Platte bestückt und umgekehrt.
Please use right hand toolholder with left hand insert and vice versa.



- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte ebenfalls möglich
Also possible depending on insert type

Abbildung zeigt / Drawing shows: D14.2020.B.120 ST R

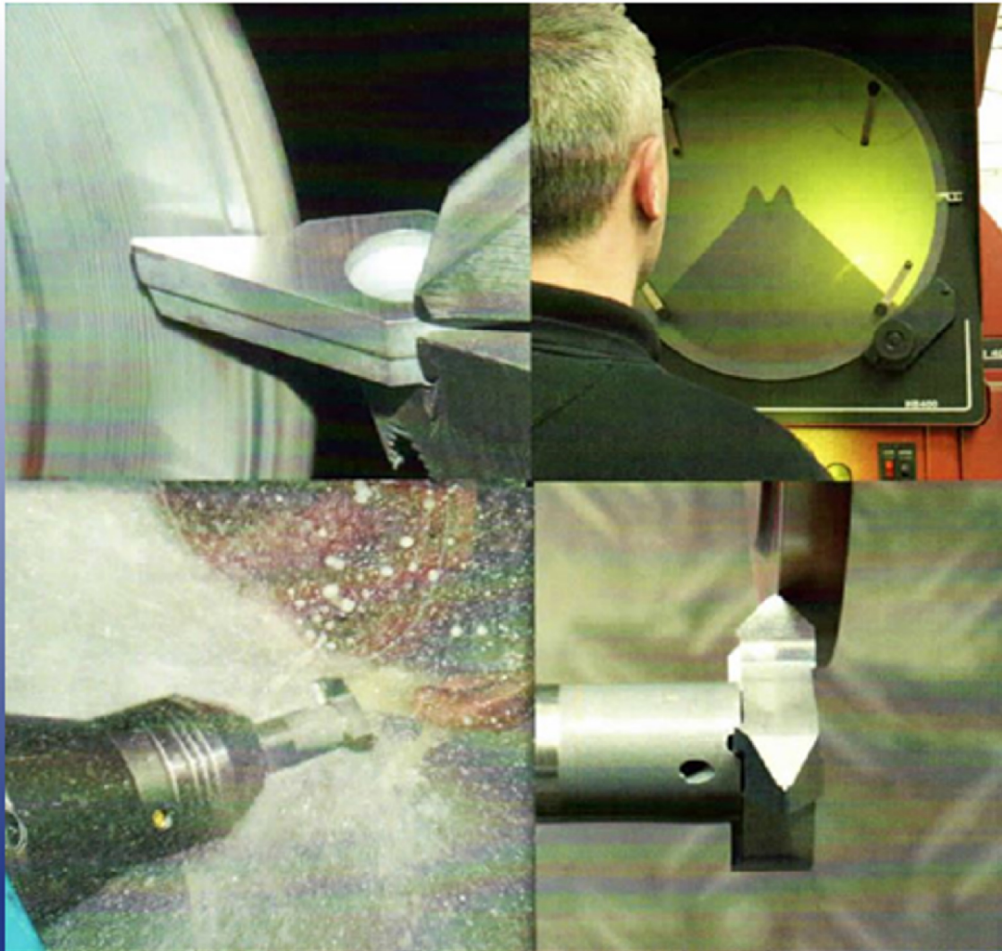
| h | b | Artikelnummer Part number | Webcode www.simtek.com/webcode | a | h1 ^{js14} | L1 | Schraube Screw | Schraubenschlüssel Screw driver | Connectcode www.simtek.com/cocode |
|---|-------|------------------------------|-----------------------------------|-----|--------------------|-------|-------------------|------------------------------------|---|
| mm | mm | | | mm | mm | mm | | | |
| ▼ Connectcode = D14.A.L / D14.A.R | | | | | | | | | |
| 12,0 | 12,0 | D14.1212.B.100 ST R/L | R ASEY L ASEX | 4,0 | 12,0 | 100,0 | ATMB | T15F | R D14.A.L L D14.A.R |
| 12,7 | 12,7 | D14.0.500.S.B.100 ST R/L | R AS38 L AS34 | 4,0 | 12,7 | 100,0 | ATMB | T15F | R D14.A.L L D14.A.R inch |
| 15,875 | 15,88 | D14.0.625.S.B.120 ST R/L | R AS39 L AS35 | 5,0 | 15,88 | 120,0 | ATMB | T15F | R D14.A.L L D14.A.R inch |
| 16,0 | 16,0 | D14.1616.B.120 ST R/L | R ASEU L ASET | 5,0 | 16,0 | 120,0 | ATMB | T15F | R D14.A.L L D14.A.R |
| 19,05 | 19,05 | D14.0.750.S.B.120 ST R/L | R AS4A L AS36 | 5,0 | 19,05 | 120,0 | ATMB | T15F | R D14.A.L L D14.A.R inch |
| 20,0 | 20,0 | D14.2020.B.120 ST R/L | R ASES L ASEQ | 5,0 | 20,0 | 120,0 | ATMB | T15F | R D14.A.L L D14.A.R |
| 25,0 | 25,0 | D14.2525.B.150 ST R/L | R ASEN L ASEP | 9,0 | 25,0 | 150,0 | ATMB | T15F | R D14.A.L L D14.A.R |
| 25,4 | 25,4 | D14.1.000.S.B.150 ST R/L | R AS4B L AS37 | 9,0 | 25,4 | 150,0 | ATMB | T15F | R D14.A.L L D14.A.R inch |
| ▼ Connectcode = D18.16.A.L D18.18.A.L / D18.16.A.R D18.18.A.R | | | | | | | | | |
| 19,05 | 19,05 | D18.0.750.S.B.120 ST R/L | R ASUT L ASUQ | 5,0 | 19,05 | 120,0 | ATK6 | T20T | R D18.16.A.L L D18.18.A.L D18.16.A.R D18.18.A.R upd inch |
| 20,0 | 20,0 | D18.2020.B.120 ST R/L | R AVS1 L AT9Y | 5,0 | 20,0 | 120,0 | ATK6 | T20T | R D18.16.A.L L D18.18.A.L D18.16.A.R D18.18.A.R inch |
| 25,0 | 25,0 | D18.2525.B.120 ST R/L | R AWDH L AVF0 | 9,0 | 25,0 | 120,0 | ATK6 | T20T | R D18.16.A.L L D18.18.A.L D18.16.A.R D18.18.A.R inch |
| 25,4 | 25,4 | D18.1.000.S.B.120 ST R/L | R ASUX L ASUV | 9,0 | 25,4 | 120,0 | ATK6 | T20T | R D18.16.A.L L D18.18.A.L D18.16.A.R D18.18.A.R upd inch |

Bestellbeispiel // Order example: D14.2020.B.120 ST R (R = Rechte Ausführung // Right hand version)

Eine Umschlüsselungliste von Webcode zu Schrauben bzw. Spannmuttern finden Sie auf Seite 766.
A conversion list from webcode to screws as well as standard screw nuts can be found on page 766.

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Full details of our products are available at

www.premierformtools.co.uk