

Premier

Manufacturers of Precision Ground Cutting Tools



Parting-Off
simturn GX
e - Catalogue

Klemmhalter, Außen, Mittlere Stechtiefen

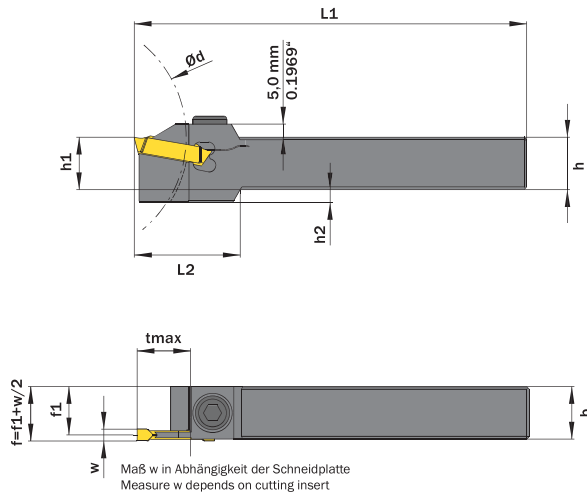
Einstechdrehen und Längsdrehen außen.
Ausgewogene Balance zwischen Stechtiefe und Stabilität.

Toolholder, External, Regular Cutting Depths

External grooving and turning.
Well-balanced ratio of cutting depth and stability.

Anzugsmoment (Schraube) // Tightening torque (screw)

12,0 Nm


TW
ST
R
Legende
Legend **315**
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www.simtek.info/cp/515

tmax in Abhängigkeit vom
Werkstückdurchmesser (Ød)
tmax depends on
workpiece diameter (Ød)

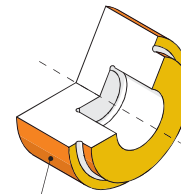
Bis Ø63,0 mm / up to Ø2.4803"
Bis Ø100,0 mm / up to Ø3.9370"
Bis Ø160,0 mm / up to Ø6.2992"
Bis Ø250,0 mm / up to Ø9.8425"
Bis Ø400,0 mm / up to Ø15.7480"

tmax bei / for
Schaft bis 25,0 mm
Shank up to 0.9843"

20,0 mm / 0.7874"
20,0 mm / 0.7874"
18,6 mm / 0.7323"
17,1 mm / 0.6732"
16,1 mm / 0.6339"

tmax bei / for
Schaft 32,0 mm
Shank 1.2598"

20,0 mm / 0.7874"
20,0 mm / 0.7874"
17,4 mm / 0.6850"
14,9 mm / 0.5866"
13,3 mm / 0.5236"



Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces

Je nach Schneidplatte/Aufnahme ebenfalls möglich
Also possible depending on insert/fixation type

Abbildung zeigt / Drawing shows: G18.2020.03 R

h	b	w ≥	w ≤	Artikelnummer Part number	Webcode www.simtek.com/webcode	f1	h1 ^{js14}	h2	L1	L2	tmax	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code	
mm	mm	mm	mm			mm	mm	mm	mm	mm	mm				
▼ Connectcode = G29.02															
15,875	15,875	2,0	2,9	G18.0.625.02 R/L	R AAS0 L AJ1G	14,88	15,88	9,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.02	Inch
19,05	19,05	2,0	2,9	G18.0.750.02 R/L	R A3T9 L A3T7	18,05	19,05	6,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.02	new Inch
25,4	25,4	2,0	2,9	G18.1.000.02 R/L	R AWCN L AWCN	24,4	25,4	-	150,0	-	20,0	G M8x25 SW6	SW6	G29.02	Inch
16,0	16,0	2,0	2,9	G18.1616.02 R/L	R APV6 L AN1Q	15,0	16,0	9,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.02	
20,0	20,0	2,0	2,9	G18.2020.02 R/L	R AJX8 L ADGW	18,5	20,0	5,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.02	
25,0	25,0	2,0	2,9	G18.2525.02 R/L	R AK6D L AEY4	24,0	25,0	-	150,0	-	20,0	G M8x25 SW6	SW6	G29.02	
▼ Connectcode = G29.03															
15,875	15,875	3,0	4,0	G18.0.625.03 R/L	R ADD3 L AAVX	14,32	15,88	9,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.03	Inch
19,05	19,05	3,0	4,0	G18.0.750.03 R/L	R ADZB L AJQY	17,55	19,05	6,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.03	Inch
25,4	25,4	3,0	4,0	G18.1.000.03 R/L	R AG8W L AKK8	23,9	25,4	-	150,0	-	20,0	G M8x25 SW6	SW6	G29.03	Inch
16,0	16,0	3,0	4,0	G18.1616.03 R/L	R AJW3 L AMND	14,5	16,0	9,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.03	
20,0	20,0	3,0	4,0	G18.2020.03 R/L	R AN7Y L AF13	18,5	20,0	5,0	125,0	40,0	20,0	G M8x25 SW6	SW6	G29.03	
25,0	25,0	3,0	4,0	G18.2525.03 R/L	R AE4N L ABPE	23,5	25,0	-	150,0	-	20,0	G M8x25 SW6	SW6	G29.03	
32,0	25,0	3,0	4,0	G18.3225.03 R/L	R AJTX L AB4U	23,5	32,0	-	170,0	-	20,0	G M8x25 SW6	SW6	G29.03	

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: G18.2020.03 R (R = Rechte Ausführung // Right hand version)

Kassette für Modulares Werkzeugsystem TOA

Geeignet für SIMTEK Grundhalter
mit Polygonshaft nach ISO 26623.

Cassette for Modular Tool System TOA

For use on SIMTEK base toolholder
with polygon hank according to ISO 26623.

Anzugsmoment (Schraube) // Tightening torque (screw)

7,0 Nm



Legende
Legend

315



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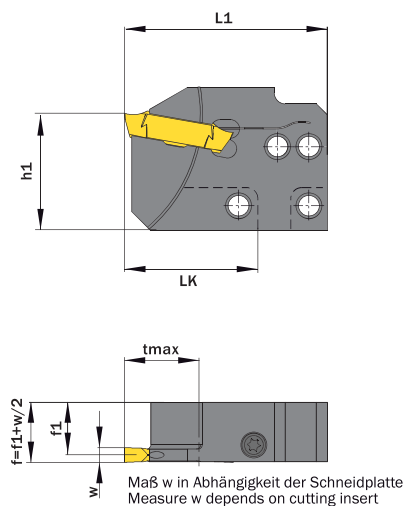
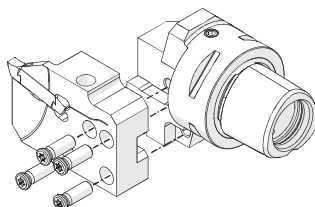
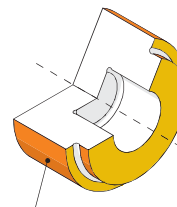


Abbildung zeigt / Drawing shows: TOA.G18.36.04 R

Grundhalter finden Sie ab Seite 425
Base toolholder can be found on page 425



Schrauben für Kassettenbefestigung
Screw for cassette mounting
T M5x15 T20R



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

$w \geq$	$w \leq$	Artikelnummer Part number	Webcode www.simtek.com/webcode	b	f1	h1	LK	L1	tmax	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/cp/code	Adaptcode Adaptcode
mm	mm			mm	mm	mm	mm	mm	mm				
▼ Connectcode = G29.02													
2,0	2,9	TOA.G18.36.02 R/L	R AZA4 L AZA3	16,0	15,05	31,6	36,0	54,9	20,0	G M5x16 T20T	T20T	G29.02	TOA
▼ Connectcode = G29.03													
3,0	4,0	TOA.G18.36.03 R/L	R AZA6 L AZA5	16,0	14,7	31,6	36,0	54,9	20,0	G M5x16 T20T	T20T	G29.03	TOA
▼ Connectcode = G29.04													
4,0	5,1	TOA.G18.36.04 R/L	R AZA8 L AZA7	16,0	14,2	31,6	36,0	54,9	20,0	G M5x16 T20T	T20T	G29.04	TOA
▼ Connectcode = G29.06													
5,2	6,0	TOA.G18.36.06 R/L	R AZBA L AZA9	16,0	13,25	31,6	36,0	54,9	20,0	G M5x16 T20T	T20T	G29.06	TOA

Bestellbeispiel // Order example: **TOA.G18.36.02 R** (R = Rechte Ausführung // Right hand version)

Klemmhalter, Außen, Maximale Stechtiefen

Einstechdrehen außen. Für maximale Stechtiefen.

Toolholder, External, Maximum Cutting Depths

External grooving. Maximum depth of cut.

Anzugsmoment (Schraube) // Tightening torque (screw)

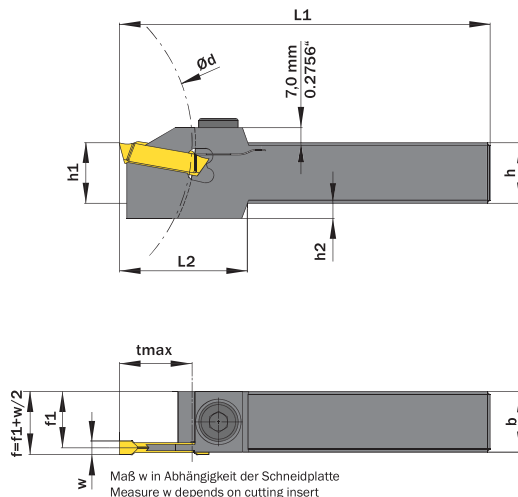
12,0 Nm

TW
ST

R

Legende
Legend

315

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tmax in Abhängigkeit vom
Werkstückdurchmesser (Ød)
tmax depends on
workpiece diameter (Ød)

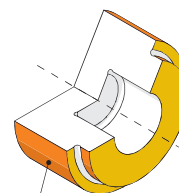
Bis Ø63,0 mm / up to Ø2.4803"
Bis Ø100,0 mm / up to Ø3.9370"
Bis Ø160,0 mm / up to Ø6.2992"
Bis Ø250,0 mm / up to Ø9.8425"
Bis Ø400,0 mm / up to Ø15.7480"

tmax bei / for
Schaft bis 25,0 mm
Shank up to 0.9843"

26,0 mm / 1.0236"
20,4 mm / 0.8031"
17,7 mm / 0.6969"
16,2 mm / 0.6378"
15,2 mm / 0.5984"

tmax bei / for
Schaft 32,0 mm
Shank 1.2598"

26,0 mm / 1.0236"
11,7 mm / 0.4606"
7,3 mm / 0.2874"
5,0 mm / 0.1969"
3,5 mm / 0.1378"



Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces

Je nach Schneidplatte/Aufnahme ebenfalls möglich
Also possible depending on insert/fixation type

Abbildung zeigt / Drawing shows: G26.2020.03 R

h	b	w ≥	w ≤	Artikelnummer Part number	Webcode www.simtek.com/webcode	f1	h1 js14	h2	L1	L2	tmax	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code
mm	mm	mm	mm			mm	mm	mm	mm	mm	mm			
▼ Connectcode = G29.02														
16,0	16,0	2,0	2,9	G26.1616.02 R/L	R AFNJ L AG77	15,0	16,0	9,0	125,0	44,0	26,0	G M8x25 SW6	SW6	G29.02
20,0	20,0	2,0	2,9	G26.2020.02 R/L	R APPM L AB6T	19,0	20,0	7,0	125,0	44,0	26,0	G M8x25 SW6	SW6	G29.02
25,0	25,0	2,0	2,9	G26.2525.02 R/L	R AEN2 L AA9J	24,0	25,0	-	150,0	-	26,0	G M8x25 SW6	SW6	G29.02
▼ Connectcode = G29.03														
25,4	25,4	3,0	4,0	G26.1.000.03 R/L	R A35N L A35Q	23,9	25,4	-	150,0	-	26,0	G M8x25 SW6	SW6	G29.03
31,75	31,75	3,0	4,0	G26.1.250.03 R	A6EK	23,5	32,0	-	170,0	-	26,0	G M8x25 SW6	SW6	G29.03
16,0	16,0	3,0	4,0	G26.1616.03 R/L	R AMDX L AF5A	14,5	16,0	9,0	125,0	44,0	26,0	G M8x25 SW6	SW6	G29.03
20,0	20,0	3,0	4,0	G26.2020.03 R/L	R AMUV L AAFZ	18,5	20,0	7,0	125,0	44,0	26,0	G M8x25 SW6	SW6	G29.03
25,0	25,0	3,0	4,0	G26.2525.03 R/L	R AHT2 L ANW0	23,5	25,0	-	150,0	-	26,0	G M8x25 SW6	SW6	G29.03
32,0	25,0	3,0	4,0	G26.3225.03 R/L	R AKGD L ABNG	23,5	32,0	-	170,0	-	26,0	G M8x25 SW6	SW6	G29.03
▼ Connectcode = G29.04														
25,4	25,4	4,0	5,1	G26.1.000.04 R/L	R A3A2 L A3A3	23,4	25,4	-	150,0	-	26,0	G M8x25 SW6	SW6	G29.04
31,75	31,75	4,0	5,1	G26.1.250.04 R	A6EN	23,0	32,0	-	170,0	-	26,0	G M8x25 SW6	SW6	G29.04
20,0	20,0	4,0	5,1	G26.2020.04 R/L	R AF22 L AC73	18,0	20,0	7,0	125,0	44,0	26,0	G M8x25 SW6	SW6	G29.04
25,0	25,0	4,0	5,1	G26.2525.04 R/L	R AHU2 L AB1C	23,0	25,0	-	150,0	-	26,0	G M8x25 SW6	SW6	G29.04
32,0	25,0	4,0	5,1	G26.3225.04 R/L	R AH65 L AHKX	23,0	32,0	-	170,0	-	26,0	G M8x25 SW6	SW6	G29.04
▼ Connectcode = G29.06														
31,75	31,75	5,2	6,0	G26.1.250.06 R	A6EQ	23,0	32,0	-	170,0	-	26,0	G M8x25 SW6	SW6	G29.06
25,0	25,0	5,2	6,0	G26.2525.06 R/L	R AAX3 L AC85	22,0	25,0	-	150,0	-	26,0	G M8x25 SW6	SW6	G29.06

Bestellbeispiel // Order example: G26.2525.03 R (R = Rechte Ausführung // Right hand version)

Klemmhalter, Außen, Höchste Stabilität

Einstechdrehen und Längsdrehen außen.
Reduzierte Stechtiefe für höchste Stabilität.

Toolholder, External, Highest Stability

External grooving and turning. Reduced depth of cut for best stability.

Anzugsmoment (Schraube) // Tightening torque (screw)

12,0 Nm

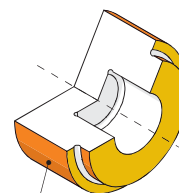
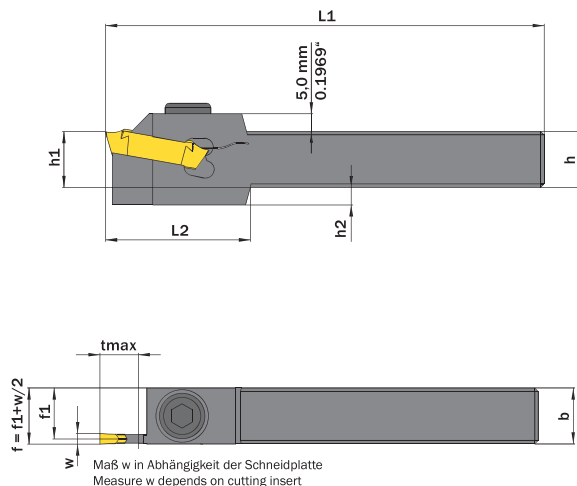


Legende
Legend **315**



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

Abbildung zeigt / Drawing shows: G10.1616.03 R

h	b	w ≥	w ≤	Artikelnummer Part number	Webcode www.simtek.com/webcode	f1	h1 _{js14}	h2	L1	L2	tmax	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code					
mm	mm	mm	mm													mm	mm	mm	mm

▼ Connectcode = G29.02

16,0	16,0	2,0	2,9	G10.1616.02 R/L	R AHUF L ADUC	15,0	16,0	9,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.02	upd
20,0	20,0	2,0	2,9	G10.2020.02 R/L	R AFA4 L AKB7	19,0	20,0	5,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.02	upd
25,0	25,0	2,0	2,9	G10.2525.02 R/L	R AF59 L AMG5	24,0	25,0	-	150,0	-	11,0	G M8x25 SW6	SW6	G29.02	upd

▼ Connectcode = G29.03

16,0	16,0	3,0	4,0	G10.1616.03 R/L	R ABYD L AA1Q	14,5	16,0	9,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.03	upd
20,0	20,0	3,0	4,0	G10.2020.03 R/L	R AKKG L AMZF	18,5	20,0	5,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.03	upd
25,0	25,0	3,0	4,0	G10.2525.03 R/L	R AHY4 L AMWS	23,5	25,0	-	150,0	-	11,0	G M8x25 SW6	SW6	G29.03	Upd
32,0	25,0	3,0	4,0	G10.3225.03 R/L	R AX4J L AX4H	23,5	32,0	-	170,0	-	11,0	G M8x25 SW6	SW6	G29.03	upd

▼ Connectcode = G29.04

16,0	16,0	4,0	5,1	G10.1616.04 R/L	R AB68 L AFUD	14,0	16,0	9,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.04	upd
20,0	20,0	4,0	5,1	G10.2020.04 R/L	R AG85 L AE7N	18,0	20,0	5,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.04	
25,0	25,0	4,0	5,1	G10.2525.04 R/L	R AJHC L ANMQ	23,0	25,0	-	150,0	-	11,0	G M8x25 SW6	SW6	G29.04	upd
32,0	25,0	4,0	5,1	G10.3225.04 R/L	R AX4K L AX4M	23,0	32,0	-	170,0	-	11,0	G M8x25 SW6	SW6	G29.04	upd

▼ Connectcode = G29.06

25,4	25,4	5,2	6,0	G10.1.000.06 R	A3V7	22,4	25,4	-	150,0	-	11,0	G M8x25 SW6	SW6	G29.06	new inch
20,0	20,0	5,2	6,0	G10.2020.06 R/L	R ADHN L AA1K	17,0	20,0	5,0	125,0	35,0	11,0	G M8x25 SW6	SW6	G29.06	upd
25,0	25,0	5,2	6,0	G10.2525.06 R/L	R ANQ7 L ACZC	22,0	25,0	-	150,0	-	11,0	G M8x25 SW6	SW6	G29.06	upd
32,0	25,0	5,2	6,0	G10.3225.06 R/L	R AX4P L AX4N	22,0	32,0	-	170,0	-	11,0	G M8x25 SW6	SW6	G29.06	upd

Bestellbeispiel // Order example: **G10.2525.04 R** (R = Rechte Ausführung // Right hand version)

Kassette für Modulares Werkzeugsystem TOA

Geeignet für SIMTEK Grundhalter
mit Polygonschaft nach ISO 26623.

Cassette for Modular Tool System TOA

For use on SIMTEK base toolholder
with polygon shank according to ISO 26623.

Anzugsmoment (Schraube) // Tightening torque (screw)

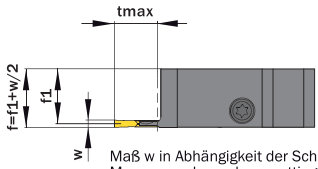
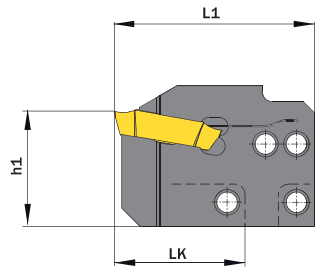
7,0 Nm



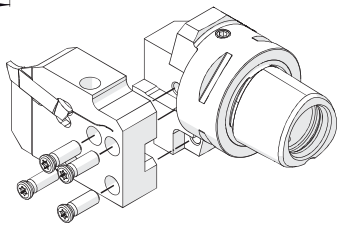
Legende
Legend **315**



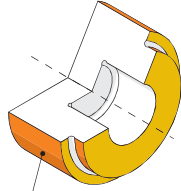
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Maß w in Abhängigkeit der Schneidplatte
Measure w depends on cutting insert



Schrauben für Kassettenbefestigung
Screw for cassette mounting
T M5x15 T20R



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

Abbildung zeigt / Drawing shows: TOA.G10.36.02 R

w ≥	w ≤	Artikelnummer Part number	Webcode www.simtek.com/webcode	b	f1	h1	LK	L1	tmax	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code	Adaptcode Adaptcode	
mm	mm													
▼ Connectcode = G29.02														
2,0	2,9	TOA.G10.36.02 R/L	R AZAW	L AZAV	16,0	15,05	31,6	36,0	54,9	11,0	G M5x12 T20T	T20T	G29.02	TOA R/L
▼ Connectcode = G29.03														
3,0	4,0	TOA.G10.36.03 R/L	R AZAY	L AZAX	16,0	14,7	31,6	36,0	54,9	11,0	G M5x12 T20T	T20T	G29.03	TOA R/L
▼ Connectcode = G29.04														
4,0	5,1	TOA.G10.36.04 R/L	R AZA0	L AZAZ	16,0	14,2	31,6	36,0	54,9	11,0	G M5x12 T20T	T20T	G29.04	TOA R/L
▼ Connectcode = G29.06														
5,2	6,0	TOA.G10.36.06 R/L	R AZA2	L AZA1	16,0	13,25	31,6	36,0	54,9	11,0	G M5x12 T20T	T20T	G29.06	TOA R/L

Bestellbeispiel // Order example: **TOA.G10.36.02 R** (R = Rechte Ausführung // Right hand version)

Abstechen

Verfügbar in verschiedenen Breiten und Winkeln.
Gesinterte Spanformgeometrie für kontrollierte Spanbildung.

Parting Off

Available in different widths and angles.
Sintered geometry for improved chip control.

Schnittwerte (Start) // Cutting parameters (start)

 f (außen//ext.)
 0,12 mm/U

 Vc
 Seite/Page 429

Passende Klemmhalter auf Seite // Suitable toolholders on page

295, 296, 297, 298, 299, 300, 301, 302, 303


 Legende
 Legend 315

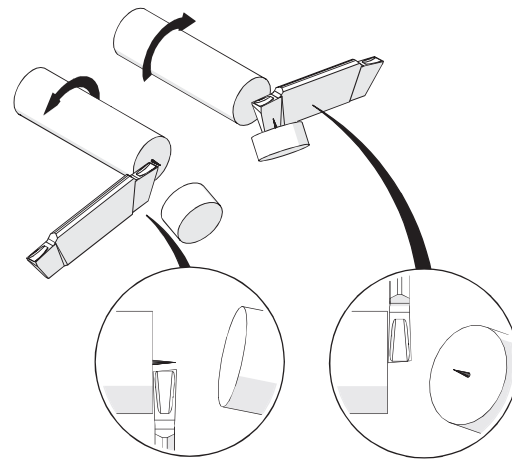
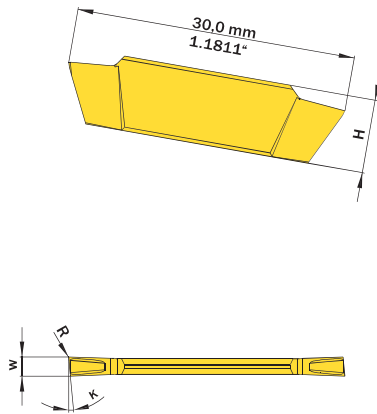
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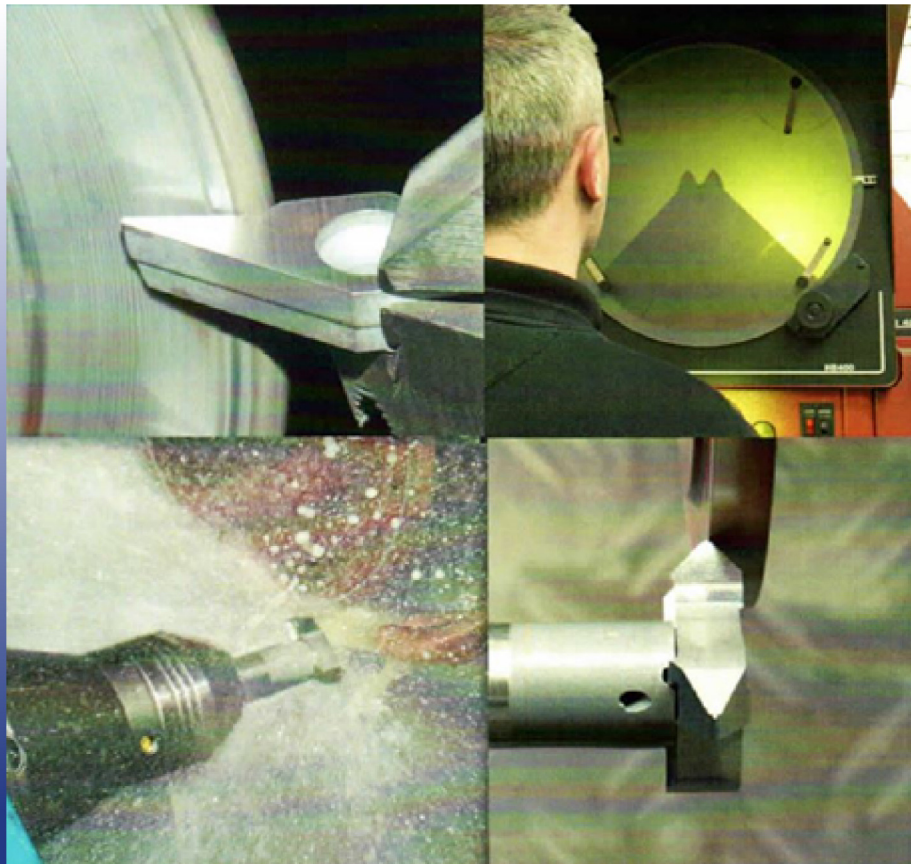
Abbildung zeigt / Drawing shows: G29.5200.32 S R

K	w ^{+0,05} mm	Artikelnummer Part number	Webcode www.simtek.com/webcode	Unsere erste Wahl Our first choice	H mm	R mm	Connectcode www.simtek.com/code
▼ w = 2,0 mm							
15°	2,0	G29.1520.32 S R/L	R AMF7	L ANHX X800 X400	7,9	0,2	G29.02
5°	2,0	G29.5200.32 S R/L	R AMW7	L AGQ9 X800 X400	7,9	0,2	G29.02
8°	2,0	G29.8200.32 S R/L	R AAKB	L AFZF X800 X400	7,9	0,2	G29.02
▼ w = 2,5 mm							
5°	2,5	G29.5250.32 S R/L	R AATN	L AHAD X800 X400	7,9	0,2	G29.02
▼ w = 3,0 mm							
15°	3,0	G29.1530.32 S R/L	R A5CF	L AATT X800 X400	7,9	0,2	G29.03
5°	3,0	G29.5300.32 S R/L	R AH07	L ABKE X800 X400	7,9	0,2	G29.03
8°	3,0	G29.8300.32 S R/L	R AA90	L AM09 X800 X400	7,9	0,2	G29.03
▼ w = 4,0 mm							
5°	4,0	G29.5400.32 S R/L	R AB5F	L AFQH X800 X400	7,9	0,2	G29.03 G29.04

Bestellbeispiel // Order example: **G29.8200.32 S R X800** (R = Rechte Ausführung // Right hand version, X800 = Schneidstoff // Grade)



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