

Premier

Manufacturers of Precision Ground Cutting Tools



Grooving / Boring / Turning
simturn Decolletage
e - Catalogue

Klemmhalter, Formstechen

Quadratschaft-Trägerwerkzeug für den Einbau von F10-Decolletageplatten unter 0°.

Toolholder, Profiling

Square shank 0°-toolholder for mounting F10-Decolletage-inserts.

Anzugsmoment (Schraube) // Tightening torque (screw)

“F M4x11 T15F”: 4,5 Nm
“F M4x8,5 T15F”: 4,5 Nm



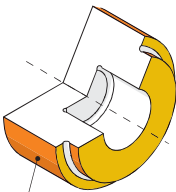
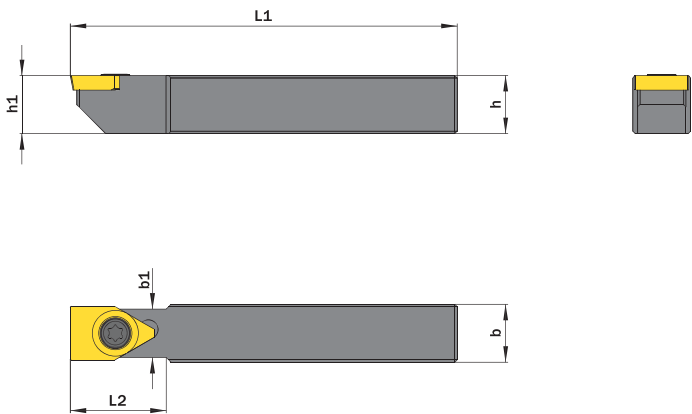
TW **ST** Legende
Legend

423



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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: F10.1212.A11.08.03

h	b	L1	Artikelnummer Part number	Webcode www.simtek.com/webcode	b1	h1	L2	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code
mm	mm	mm			mm	mm	mm			
▼ Connectcode = TF10.A.30										
10,0	10,0	80,0	F10.1010.A11.08.03	ATSK	10,0	10,0	-	FM4x8,5 T15F	T15F	TF10.A.30
12,0	12,0	80,0	F10.1212.A11.08.03	ATSG	10,0	12,0	20,0	FM4x11 T15F	T15F	TF10.A.30
▼ Connectcode = TF10.A.45										
10,0	10,0	80,0	F10.1010.A11.08.04	ATSJ	10,0	10,0	-	FM4x8,5 T15F	T15F	TF10.A.45
12,0	12,0	80,0	F10.1212.A11.08.04	ATSH	10,0	12,0	20,0	FM4x11 T15F	T15F	TF10.A.45

Bestellbeispiel // Order example: F10.1010.A11.08.03

Klemmhalter, Formstechen

Quadratschaft-Trägerwerkzeug für den
Einbau von F10-Decolletageplatten unter 6°.

Toolholder, Profiling

Square shank 6°-toolholder for mounting F10-Decolletage-inserts.

Anzugsmoment (Schraube) // Tightening torque (screw)

4,5 Nm



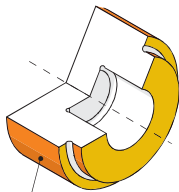
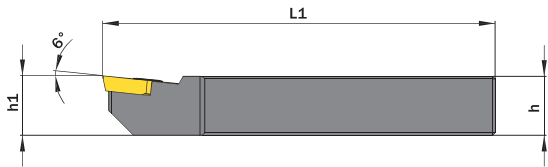
TW **ST** Legende
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- Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfaces
- Je nach Schneidplatte/Aufnahme ebenfalls möglich
Also possible depending on insert/fixation type

Abbildung zeigt / Drawing shows: F10.1212.B11.08.03

h	b	L1	Artikelnummer Part number	Webcode www.simtek.com/webcode	b1	h1	L2	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code	
mm	mm	mm			mm	mm	mm				
▼ Connectcode = TF10.B.30											
10,0	10,0	80,0	F10.1010.B11.08.03	ATSM	10,0	10,0	-	FM4x8,5T15F	T15F	TF10.B.30	
12,0	12,0	80,0	F10.1212.B11.08.03	ATSP	10,0	12,0	20,0	FM4x8,5T15F	T15F	TF10.B.30	upd
▼ Connectcode = TF10.B.45											
10,0	10,0	80,0	F10.1010.B11.08.04	ATSN	10,0	10,0	-	FM4x8,5T15F	T15F	TF10.B.45	
12,0	12,0	80,0	F10.1212.B11.08.04	ATSQ	10,0	12,0	20,0	FM4x8,5T15F	T15F	TF10.B.45	upd

Bestellbeispiel // Order example: F10.1010.B11.08.04

Klemmhalter, Formstechen

Quadratschaft-Trägerwerkzeug für den
Einbau von F12-Decolletageplatten unter 0°.

Toolholder, Profiling

Square shank 0°-toolholder for mounting F12-Decolletage-inserts.

Anzugsmoment (Schraube) // Tightening torque (screw)

"F M5x11,5 T20R": 6,0 Nm

"F M5x13 T20R": 6,0 Nm

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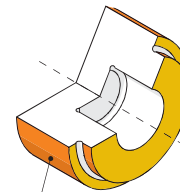
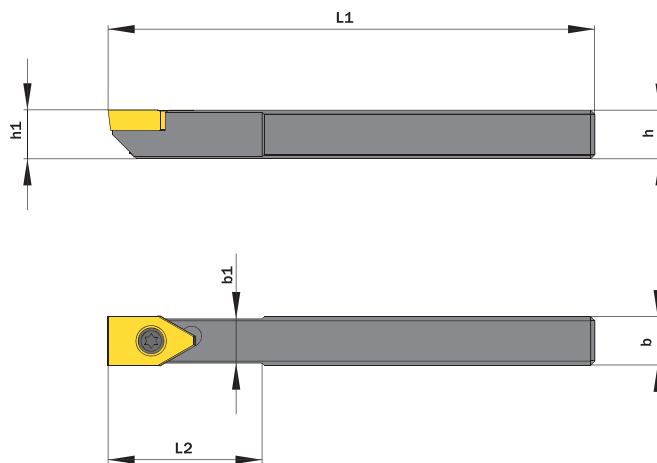
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www.simtek.info/cp/1162Hauptsächlich geeignet für diese Flächen
Mainly designed for these surfacesJe nach Schneidplatte/Aufnahme ebenfalls möglich
Also possible depending on insert/fixation type

Abbildung zeigt / Drawing shows: F12.1212.A12.10

h	b	Artikelnummer Part number	Webcode www.simtek.com/webcode	L1	b1	h1 ^{js14}	L2	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm	mm			
▼ Connectcode = TF12.A.12.10										
12,0	12,0	F12.1212.A12.10	AYV9	120,5	11,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.A.12.10
16,0	16,0	F12.1616.A12.10	AYWD	120,5	11,0	16,0	35,0	F M5x13 T20R	T20R	TF12.A.12.10
20,0	20,0	F12.2020.A12.10	AYWJ	145,5	11,0	20,0	35,0	F M5x13 T20R	T20R	TF12.A.12.10
▼ Connectcode = TF12.A.12.15										
19,05	19,05	F12.0.750.S.A12.15	A4B3	150,0	11,0	19,0	35,0	F M5x13 T20R	T20R	TF12.A.12.15
12,0	12,0	F12.1212.A12.15	AYWA	125,0	11,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.A.12.15
16,0	16,0	F12.1616.A12.15	AYWE	125,0	11,0	16,0	35,0	F M5x13 T20R	T20R	TF12.A.12.15
20,0	20,0	F12.2020.A12.15	AYWK	150,0	11,0	20,0	35,0	F M5x13 T20R	T20R	TF12.A.12.15
25,0	25,0	F12.2525.A12.15	AYWQ	150,0	11,0	25,0	35,0	F M5x13 T20R	T20R	TF12.A.12.15
▼ Connectcode = TF12.A.16.12										
12,0	12,0	F12.1212.A16.12	AYWB	122,0	15,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.A.16.12
16,0	16,0	F12.1616.A16.12	AYWF	122,0	15,0	16,0	35,0	F M5x13 T20R	T20R	TF12.A.16.12
20,0	20,0	F12.2020.A16.12	AYWM	147,0	15,0	20,0	35,0	F M5x13 T20R	T20R	TF12.A.16.12
▼ Connectcode = TF12.A.16.15										
12,0	12,0	F12.1212.A16.15	AYWC	125,0	15,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.A.16.15
16,0	16,0	F12.1616.A16.15	AYWG	125,0	15,0	16,0	35,0	F M5x13 T20R	T20R	TF12.A.16.15
20,0	20,0	F12.2020.A16.15	AYWN	150,0	15,0	20,0	35,0	F M5x13 T20R	T20R	TF12.A.16.15
25,0	25,0	F12.2525.A16.15	AYWS	150,0	15,0	25,0	35,0	F M5x13 T20R	T20R	TF12.A.16.15
▼ Connectcode = TF12.A.20.15										
16,0	16,0	F12.1616.A20.15	AYWH	125,0	19,0	16,0	35,0	F M5x13 T20R	T20R	TF12.A.20.15
20,0	20,0	F12.2020.A20.15	AYWP	150,0	19,0	20,0	35,0	F M5x13 T20R	T20R	TF12.A.20.15
25,0	25,0	F12.2525.A20.15	AYWT	150,0	19,0	25,0	35,0	F M5x13 T20R	T20R	TF12.A.20.15
▼ Connectcode = TF12.A.25.15										
25,0	25,0	F12.2525.A25.15	AYWU	150,0	24,0	25,0	35,0	F M5x13 T20R	T20R	TF12.A.25.15

Bestellbeispiel // Order example: F12.1212.A12.10

Klemmhalter, Formstechen

Quadratschaft-Trägerwerkzeug für den
Einbau von F12-Decolletageplatten unter 6°.

Toolholder, Profiling

Square shank 6°-toolholder for mounting F12-Decolletage-inserts.

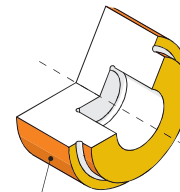
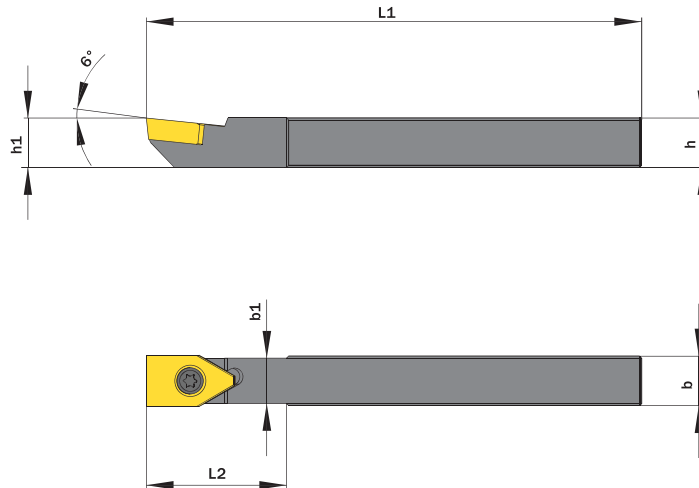
Anzugsmoment (Schraube) // Tightening torque (screw)

"F M5x11,5 T20R": 6,0 Nm

"F M5x13 T20R": 6,0 Nm

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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: F12.1212.B12.10

h	b	Artikelnummer Part number	Webcode www.simtek.com/webcode	L1	b1	h1 ^{js14}	L2	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm	mm			
▼ Connectcode = TF12.B.12.10										
12,0	12,0	F12.1212.B12.10	AYWV	120,5	11,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.B.12.10
16,0	16,0	F12.1616.B12.10	AYWZ	120,5	11,0	16,0	35,0	F M5x13 T20R	T20R	TF12.B.12.10
20,0	20,0	F12.2020.B12.10	AYW4	145,5	11,0	20,0	35,0	F M5x13 T20R	T20R	TF12.B.12.10
25,0	25,0	F12.2525.B12.10	AYW9	145,5	11,0	25,0	35,0	F M5x13 T20R	T20R	TF12.B.12.10
▼ Connectcode = TF12.B.12.15										
12,0	12,0	F12.1212.B12.15	AYWW	125,0	11,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.B.12.15
16,0	16,0	F12.1616.B12.15	AYW0	125,0	11,0	16,0	35,0	F M5x13 T20R	T20R	TF12.B.12.15
20,0	20,0	F12.2020.B12.15	AYW5	150,0	11,0	20,0	35,0	F M5x13 T20R	T20R	TF12.B.12.15
25,0	25,0	F12.2525.B12.15	AYXA	150,0	11,0	25,0	35,0	F M5x13 T20R	T20R	TF12.B.12.15
▼ Connectcode = TF12.B.16.12										
12,0	12,0	F12.1212.B16.12	AYWX	122,0	15,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.B.16.12
16,0	16,0	F12.1616.B16.12	AYW1	122,0	15,0	16,0	35,0	F M5x13 T20R	T20R	TF12.B.16.12
20,0	20,0	F12.2020.B16.12	AYW6	147,0	15,0	20,0	35,0	F M5x13 T20R	T20R	TF12.B.16.12
▼ Connectcode = TF12.B.16.15										
12,0	12,0	F12.1212.B16.15	AYWY	125,0	15,0	12,0	35,0	F M5x11,5 T20R	T20R	TF12.B.16.15
16,0	16,0	F12.1616.B16.15	AYW2	125,0	15,0	16,0	35,0	F M5x13 T20R	T20R	TF12.B.16.15
20,0	20,0	F12.2020.B16.15	AYW7	150,0	15,0	20,0	35,0	F M5x13 T20R	T20R	TF12.B.16.15
25,0	25,0	F12.2525.B16.15	AYXB	150,0	15,0	25,0	35,0	F M5x13 T20R	T20R	TF12.B.16.15
▼ Connectcode = TF12.B.20.15										
16,0	16,0	F12.1616.B20.15	AYW3	125,0	19,0	16,0	35,0	F M5x13 T20R	T20R	TF12.B.20.15
20,0	20,0	F12.2020.B20.15	AYW8	150,0	19,0	20,0	35,0	F M5x13 T20R	T20R	TF12.B.20.15
25,0	25,0	F12.2525.B20.15	AYXC	150,0	19,0	25,0	35,0	F M5x13 T20R	T20R	TF12.B.20.15
▼ Connectcode = TF12.B.25.15										
25,0	25,0	F12.2525.B25.15	AYXD	150,0	24,0	25,0	35,0	F M5x13 T20R	T20R	TF12.B.25.15

Bestellbeispiel // Order example: **F12.2525.B25.15**

Klemmhalter, Formstechen

Quadratschaft-Trägerwerkzeug für den Einbau von F12-Decolletageplatten.

Toolholder, Profiling

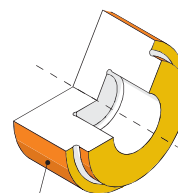
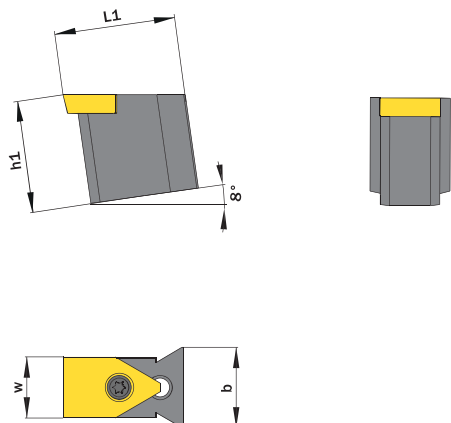
Square shank toolholder for mounting F12-Decolletage-inserts.

Anzugsmoment (Schraube) // Tightening torque (screw)

6,0 Nm

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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: F25AW22.16

b	w	Artikelnummer Part number	Webcode www.simtek.com/webcode	h1	L1	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm			
▼ Connectcode = TF12.A.12.15								
22,0	12,0	F25.AW22.12	ATYJ	28,0	23,0	F M5x13 T20R	T20R	TF12.A.12.15
▼ Connectcode = TF12.A.16.15								
22,0	16,0	F25.AW22.16	AHNZ	30,0	32,0	F M5x13 T20R	T20R	TF12.A.16.15
28,0	16,0	F25.AW28.16	AQK3	30,0	32,0	F M5x13 T20R	T20R	TF12.A.16.15
▼ Connectcode = TF12.A.20.15								
22,0	20,0	F25.AW22.20	AQ39	30,0	32,0	F M5x13 T20R	T20R	TF12.A.20.15
28,0	20,0	F25.AW28.20	AFH7	30,0	32,0	F M5x13 T20R	T20R	TF12.A.20.15
▼ Connectcode = TF12.A.25.15								
28,0	25,0	F25.AW28.25	AMPJ	30,0	32,0	F M5x13 T20R	T20R	TF12.A.25.15

■ Bestellbeispiel // Order example: **F25.AW28.25**

Klemmhalter, Formstechen

Trägerwerkzeug für den Einbau von F12-Decolletageplatten.

Toolholder, Profiling

Toolholder for mounting F12-Decolletage-inserts.

Anzugsmoment (Schraube) // Tightening torque (screw)

7,0 Nm



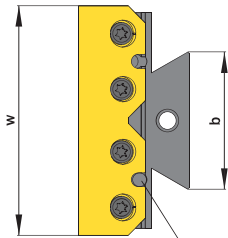
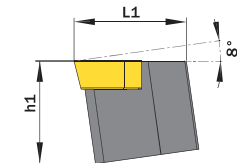
TW **ST** Legende
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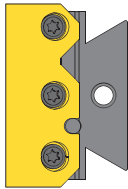


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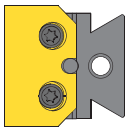
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F25.AW40.62.08

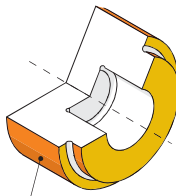


F25.AW40.44.08



F25.AW28.28.08

Zylinderstift F D4M6x10 DIN6325
Pin F D4M6x10 DIN6325



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

b	Artikelnummer Part number	Webcode www.simtek.com/webcode	h1	L1	w	Schraube Screw	Schraubenschlüssel Screw driver	Connectcode www.simtek.com/code	
mm			mm	mm	mm				
▼ Connectcode = TF12.A.32									
28,0	F25.AW28.28.08	AS90	30,0	32,0	32,0	D M5x12 T20T	T20T	TF12.A.32	UPD
▼ Connectcode = TF12.A.48									
40,0	F25.AW40.44.08	AS9Z	30,0	32,0	48,0	D M5x12 T20T	T20T	TF12.A.48	UPD
▼ Connectcode = TF12.A.66									
40,0	F25.AW40.62.08	AS9Y	30,0	32,0	66,0	D M5x12 T20T	T20T	TF12.A.66	UPD

Bestellbeispiel // Order example: F25.AW40.44.08

Halbzeuge, Formstechen

Halbzeuge für komponenten- und kundenspezifische Formeinstiche.

Semi-Finished-Insert, Profiling

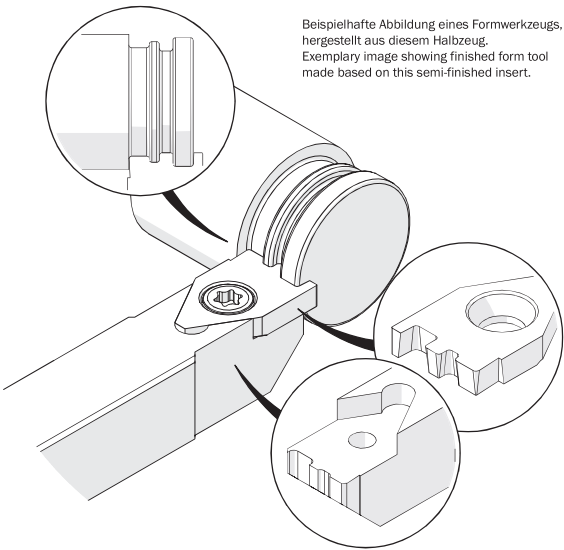
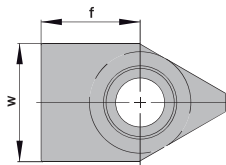
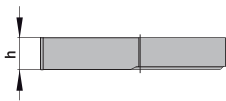
Semi-finished-insert for component and client specific forms.

Passende Klemmhalter auf Seite // Suitable toolholders on page
414, 415



SP HM
Legende
Legend 423

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Beispielhafte Abbildung eines Formwerkzeugs,
hergestellt aus diesem Halbzeug.
Exemplary image showing finished form tool
made based on this semi-finished insert.

Abbildung zeigt / Drawing shows: F10.1109.30 M

w	h +0,05	Artikelnummer Part number	Webcode www.simtek.com/webcode	Unsere erste Wahl Our first choice	f	Connectcode www.simtek.com/code
▼ Connectcode = TF10.A.30 TF10.B.30						
11,1	2,95	F10.1109.30 M	ASAU	X800 X400	9,3	TF10.A.30 TF10.B.30
▼ Connectcode = TF10.A.45 TF10.B.45						
11,1	4,4	F10.1109.45 M	ASAY	X800 X400	9,3	TF10.A.45 TF10.B.45

Bestellbeispiel // Order example: F10.1109.45 M GF25 (GF25 = Schneidstoff // Grade)

Halbzeuge, Formstechen

Halbzeuge für komponenten- und kundenspezifische Formeinstiche.

Semi-Finished-Insert, Profiling

Semi-finished-insert for component and client specific forms.

Passende Klemmhalter auf Seite // Suitable toolholders on page
416, 417, 418



SP
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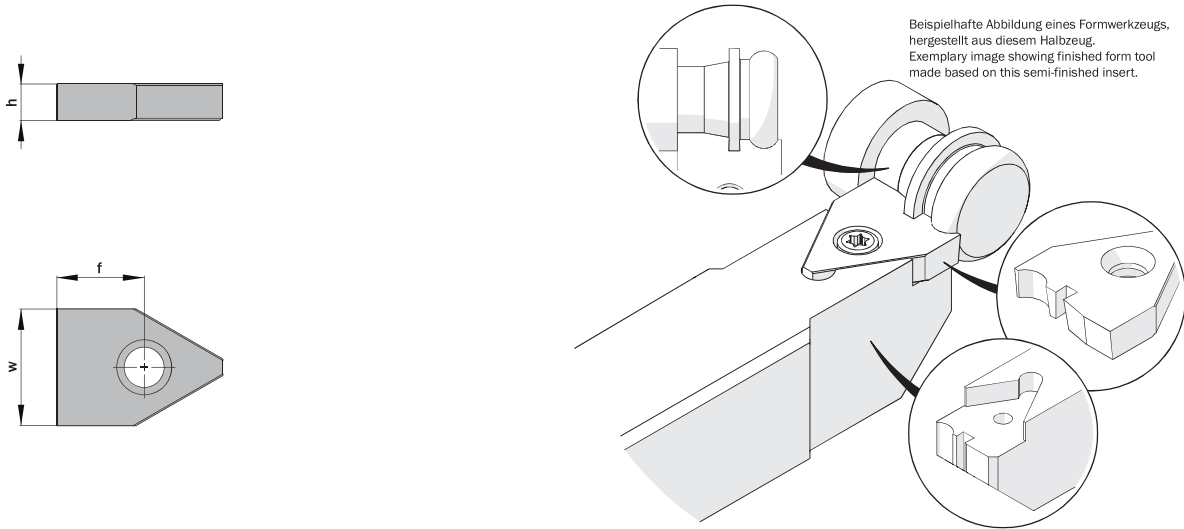


Abbildung zeigt / Drawing shows: F12.1612.00 M

w	f	Artikelnummer Part number	Webcode www.simtek.com/webcode	Unsere erste Wahl Our first choice	h+0,05	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	
▼ w = 12,3 mm						
12,3	10,7	F12.1210.00 M	AMWH	X800 X400	5,0	TF12.A.12.10 TF12.B.12.10
12,3	15,2	F12.1215.00 M	AG2E	X800 X400	5,0	TF12.A.12.15 TF12.B.12.15
▼ w = 16,3 mm						
16,3	12,2	F12.1612.00 M	AKWQ	X800 X400	5,0	TF12.A.16.12 TF12.B.16.12
16,3	15,2	F12.1615.00 M	AECD	X800 X400	5,0	TF12.A.16.15 TF12.B.16.15
▼ w = 20,3 mm						
20,3	15,2	F12.2015.00 M	AA30	X800 X400	5,0	TF12.A.20.15 TF12.B.20.15
▼ w = 25,3 mm						
25,3	15,2	F12.2515.00 M	AGXU	X800 X400	5,0	TF12.A.25.15 TF12.B.25.15

Bestellbeispiel // Order example: F12.1210.00 M X800 (X800 = Schneidstoff // Grade)

Halbzeuge, Formstechen, breite Ausführung

Halbzeuge für komponenten- und kundenspezifische Formeinstiche.

Semi-Finished-Insert, Profiling

Semi-finished-insert for component and client specific forms.

Passende Klemmhalter auf Seite // Suitable toolholders on page
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SP
HM

Legende
Legend

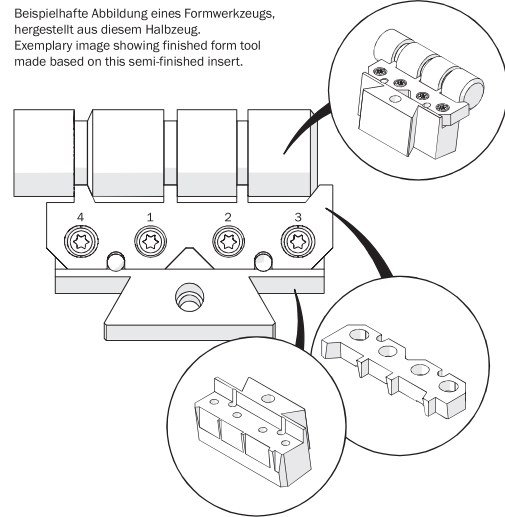
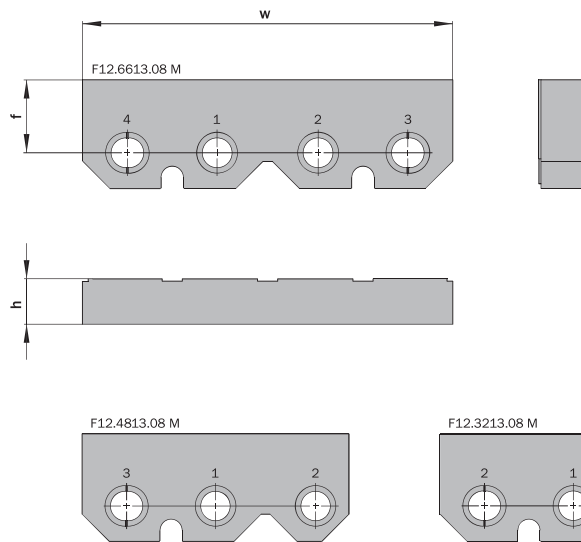
423



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www.simtek.info/cp/850

Beispielhafte Abbildung eines Formwerkzeugs,
hergestellt aus diesem Halbzeug.
Exemplary image showing finished form tool
made based on this semi-finished insert.



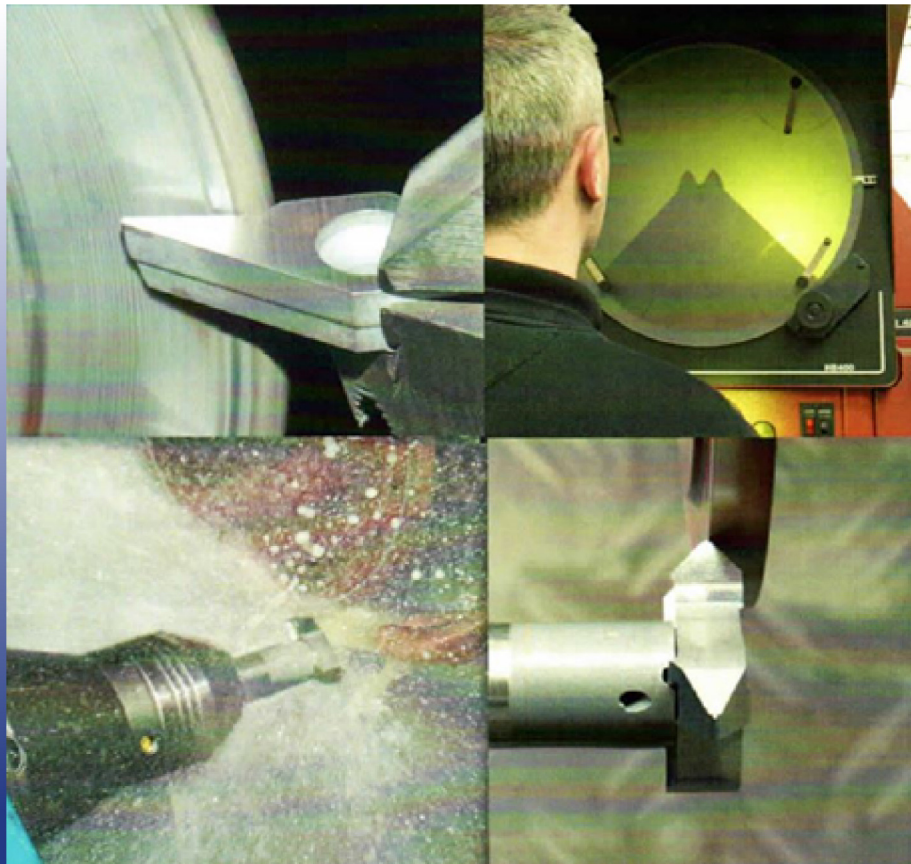
Die Reihenfolge des Schraubenanzuges ist auf den Halbzeugen nummeriert!
Please tighten the screws in the order marked on the semi-finished-insert!

w	Artikelnummer Part number	Webcode www.simtek.com/webcode	Unsere erste Wahl Our first choice	h	f	Connectcode www.simtek.com/code
mm			P K M N S	mm	mm	
▼ Connectcode = TF12.A.32						
32,0	F12.3213.08 M	AVFS	X800 X400	8,1	13,2	TF12.A.32
▼ Connectcode = TF12.A.48						
48,0	F12.4813.08 M	ATT4	X800 X400	8,1	13,2	TF12.A.48
▼ Connectcode = TF12.A.66						
66,0	F12.6613.08 M	ATT5	X800 X400	8,1	13,2	TF12.A.66

Bestellbeispiel // Order example: **F12.3213.08 M GK10** (GK10 = Schneidstoff // Grade)



Manufacturers of Precision Ground Cutting Tools



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