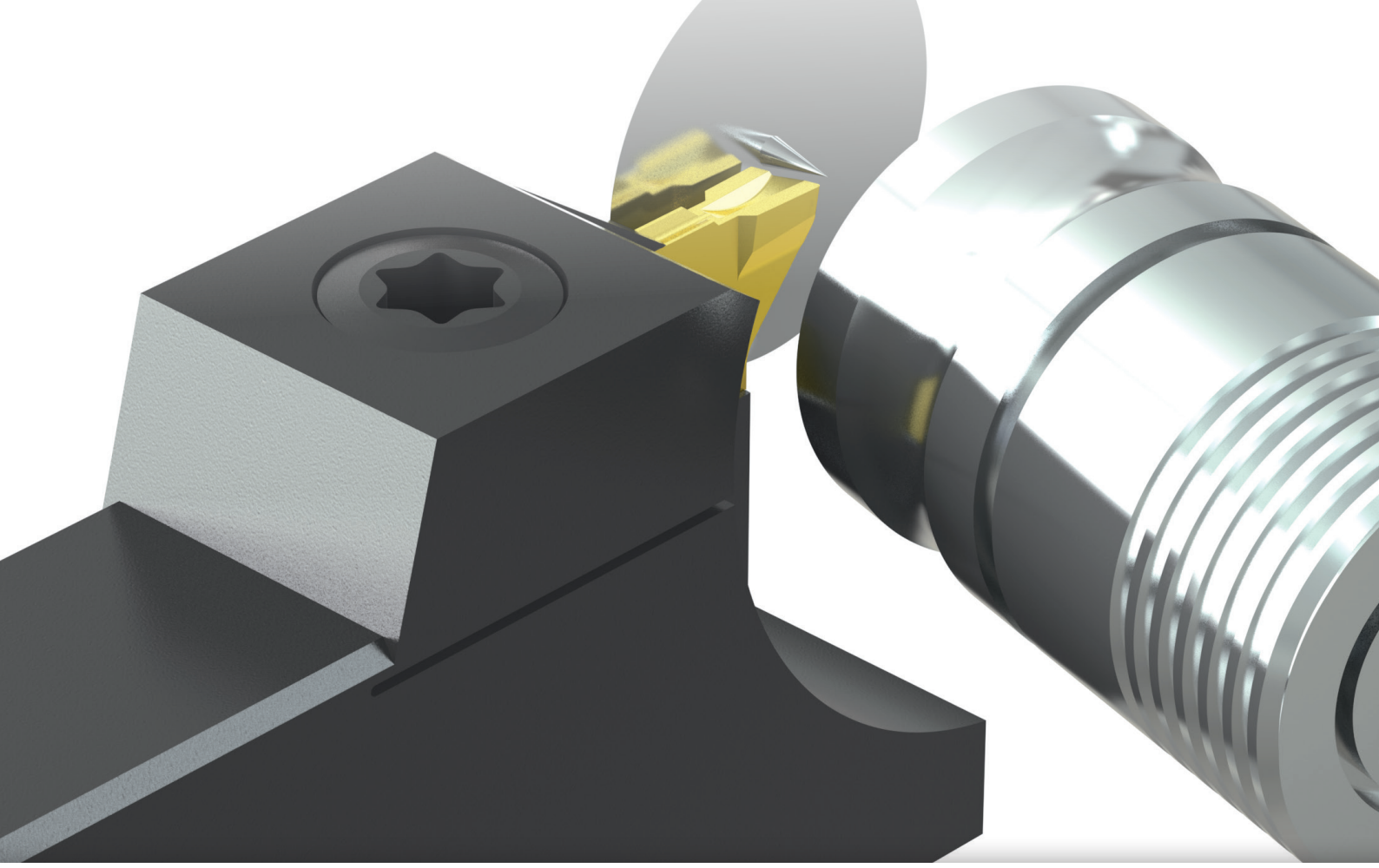
SIMTEK

En Yüksek
Talepler için
Makine Takımları

Küçük parça işleme
iç ve dış çaplarda, iki kesicili uç

Small part machining
external, with two-edged inserts.



simturnH2
SIMTEK small part machining type H2

R20 TR-Edition

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Makine Takımları

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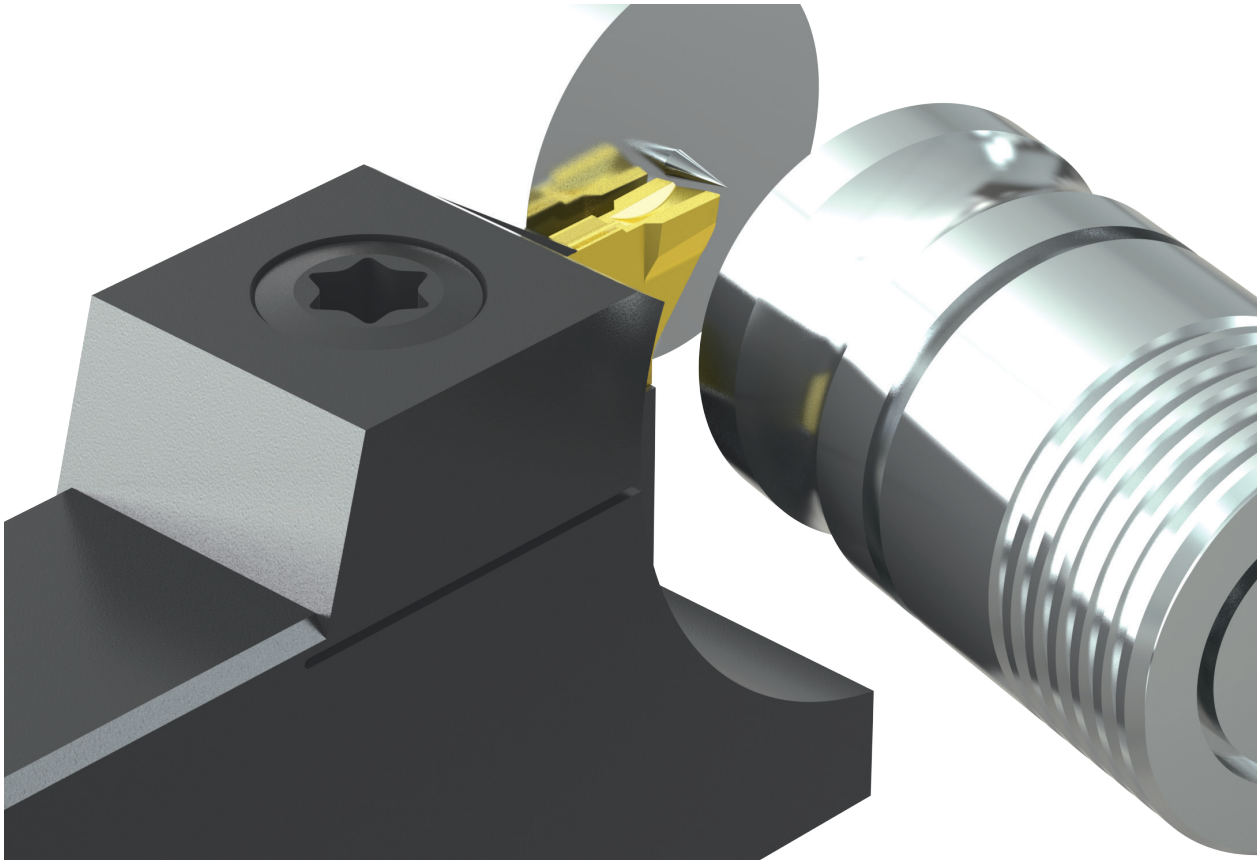
Takım sistemine genel bakış
The Tool System Overview

İki kesme kenarı ile Ø 24,5 mm'den itibaren deliklerde **mükemmel performans**

Two **cutting edges** in bores as of Ø 24,5 mm



İki kesicili karbür uç ve çelik takım sistemi.
Ø 24,5 mm'den itibaren deliklerde kullanım için uygundur.

Gelişmiş ve hassas taşlanmış kesici uçlarımız sayesinde deliklerde talaş kontrolü ile birlikte mükemmel performans sunmak üzere tasarlanmıştır.

Uç yuvasındaki özel tasarım sayesinde sağlamlık ile birlikte maruz kalınan kuvvetin dağıtılmasını sağlar.

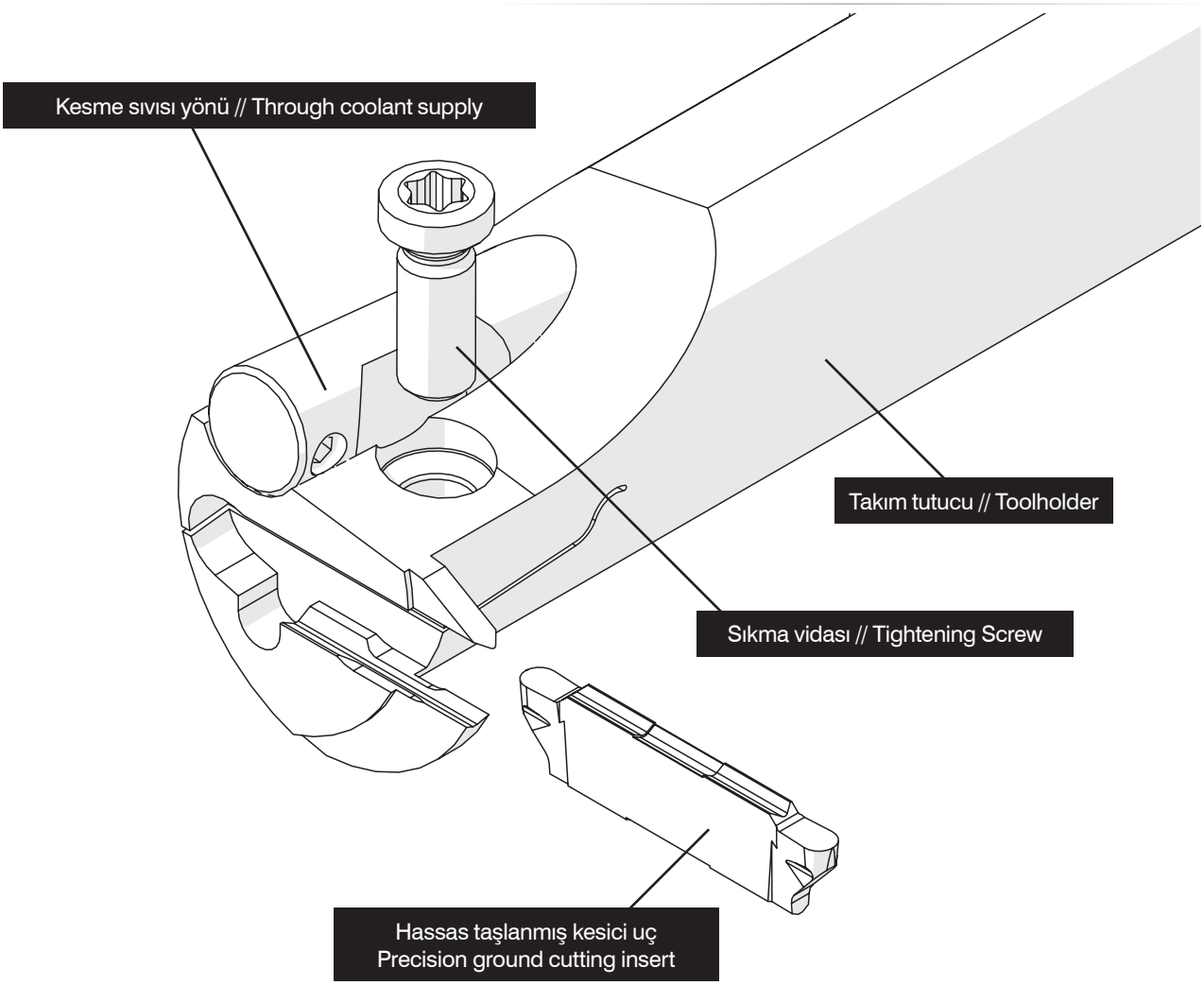
Tool system of double-edged carbide insert and steel toolholder. For use in bores as of Ø 24,5 mm.

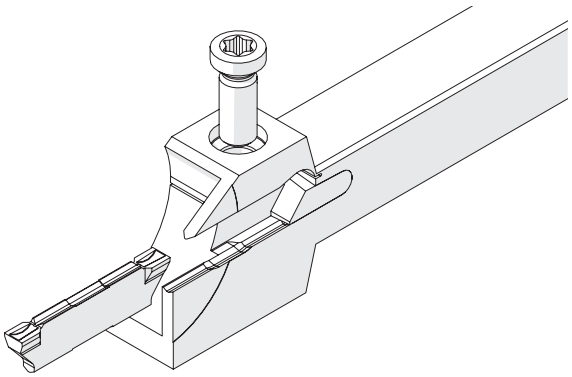
The cutting insert and especially the cutting edge was designed to offer best chip control and improved performance in bores.

The special insert seat design enhances the overall stability and cutting force absorption and leads to improved results.

Sistem detayları // The System Details

Lütfen sayfadaki genel kullanım talimatlarını okuyun
Please read the general instructions for use on page 33





İç ve dış çap uygulamalar için mevcuttur
Available for internal and external applications

İç çap // Internal
Minimum delik çapı // As of bore diameter: 24,5 mm

Dış çap // External
Maksimum kesme derinliği // Maximum cutting depth: 18,0 mm

Standart uygulamalar
Standard Applications

Sayfa
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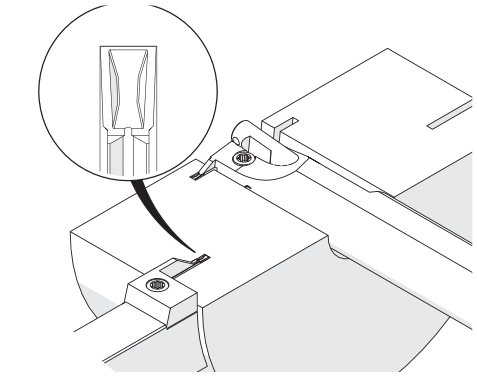

Kanal açma, Segman kanalı
Grooving, Circlip Ring Grooves

Sayfa itibarı ile
As of page
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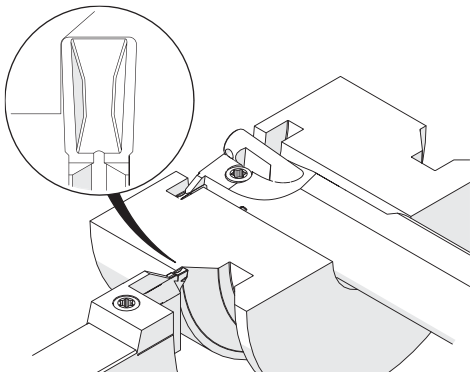

Kanal açma ve Profil oluşturma
Grooving and Profiling

Sayfa
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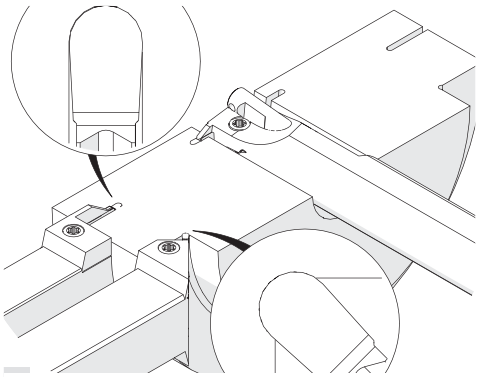

Kanal açma ve Profil tornalama, Full radius
Grooving and Profiling, Full Radius

Sayfa itibarı ile
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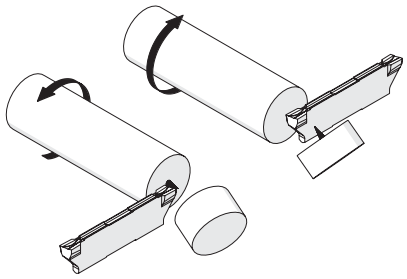


Kesme
Parting off

İç çap uygulamalar için A model takım tutucu

Ø 24,5 mm'den başlayan iç çap uygulamalar için takım tutucu.
Gelişmiş talaş kontrolü için, özel içten kesme sıvısı desteği mevcuttur.

Toolholder, Internal, Type A

Toolholder for internal applications as of bore diameter 24,5 mm.
Equipped with special through coolant nozzle for improved chip control.

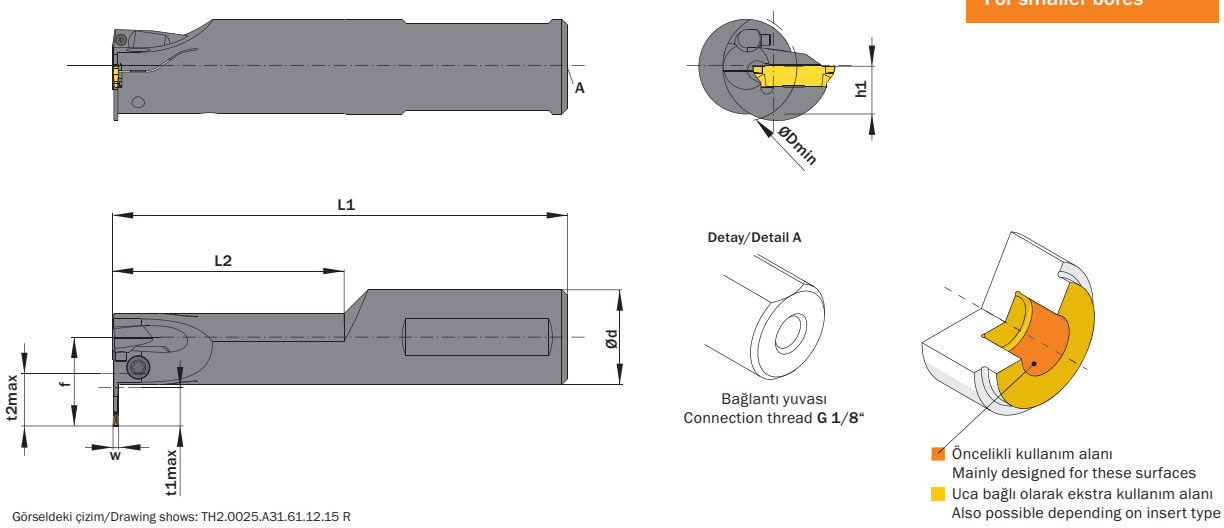
Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15": 1,5 Nm
„TH2.20": 2,0 Nm
„TH2.25": 2,5 Nm
„TH2.30": 3,0 Nm
„TH2.40": 3,0 Nm

TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/474** Veya ziyaret edin // Or Visit

Daha küçük delikler için
For smaller bores



Görseldeki çizim/Drawing shows: TH2.0025.A31.61.12.15 R

Ød g6 mm	ØDmin (min. delik) ØDmin (min. bore) mm	L2 mm	L1 mm	Ürün kodu Part number		Webcode www.simtek.com/webcode		f mm	h1 js14 mm	t1max mm	t2max mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ Ød = 19,05 mm																
19,05	25,4	48,0	120,0	**TH2.0.750.A25.48.12.15 R/L**	R	A1E2	L A1E1	18,0	8,5	7,0	12,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
19,05	25,4	48,0	120,0	**TH2.0.750.A25.48.12.20 R/L**	R	A1E4	L A1E3	18,0	8,5	7,0	12,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
19,05	25,4	48,0	120,0	**TH2.0.750.A25.48.12.25 R/L**	R	A1E6	L A1E5	18,0	8,5	7,0	12,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
19,05	25,4	48,0	120,0	**TH2.0.750.A25.48.12.30 R/L**	R	A1E7	L A1FA	18,0	8,5	7,0	12,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
19,05	25,4	48,0	120,0	**TH2.0.750.A25.48.12.40 R/L**	R	A1E9	L A1E8	18,0	8,5	7,0	12,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 20,0 mm																
20,0	24,5	48,0	120,0	**TH2.0020.A25.48.11.15 R/L**	R	ASVG	L ASVF	18,0	9,0	7,0	12,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
20,0	24,5	48,0	120,0	**TH2.0020.A25.48.11.20 R/L**	R	ASVJ	L ASVH	18,0	9,0	7,0	12,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
20,0	24,5	48,0	120,0	**TH2.0020.A25.48.11.25 R/L**	R	ASVM	L ASVK	18,0	9,0	7,0	12,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
20,0	24,5	48,0	120,0	**TH2.0020.A25.48.11.30 R/L**	R	ASVP	L ASVN	18,0	9,0	7,0	12,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
20,0	24,5	48,0	120,0	**TH2.0020.A25.48.11.40 R/L**	R	ASVS	L ASVQ	18,0	9,0	7,0	12,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 25,0 mm																
25,0	27,0	48,0	120,0	**TH2.0025.A25.48.12.15 R/L**	R	ASWE	L ASWD	20,5	11,5	7,0	15,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,0	27,0	48,0	120,0	**TH2.0025.A25.48.12.20 R/L**	R	ASWG	L ASWF	20,5	11,5	7,0	15,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,0	27,0	48,0	120,0	**TH2.0025.A25.48.12.25 R/L**	R	ASWJ	L ASWH	20,5	11,5	7,0	15,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,0	27,0	48,0	120,0	**TH2.0025.A25.48.12.30 R/L**	R	ASWM	L ASWK	20,5	11,5	7,0	15,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,0	27,0	48,0	120,0	**TH2.0025.A25.48.12.40 R/L**	R	ASWP	L ASWN	20,5	11,5	7,0	15,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 25,4 mm																
25,4	27,0	48,0	120,0	**TH2.1.000.A25.48.12.15 R/L**	R	AW6A	L AW59	20,7	11,7	7,0	15,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,4	27,0	48,0	120,0	**TH2.1.000.A25.48.12.20 R/L**	R	AW6C	L AW6B	20,7	11,7	7,0	15,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,4	27,0	48,0	120,0	**TH2.1.000.A25.48.12.25 R/L**	R	AW6E	L AW6D	20,7	11,7	7,0	15,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,4	27,0	48,0	120,0	**TH2.1.000.A25.48.12.30 R/L**	R	AW6G	L AW6F	20,7	11,7	7,0	15,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,4	27,0	48,0	120,0	**TH2.1.000.A25.48.12.40 R/L**	R	AW6J	L AW6H	20,7	11,7	7,0	15,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40

Benzer takımları bir sonraki sayfada bulabilirsiniz!
Related Items can be found on the following page as well!
Tablonun Devamı
Continued Table

Sipariş örneği // Order example: **TH2.0020.A25.48.11.30 R** (R = Sağ model // Right hand version)

İç çap uygulamalar için A model takım tutucu

Ø 31,0 mm'den başlayan iç çap uygulamalar için takım tutucu.
Gelişmiş talaş kontrolü için, özel içten kesme sıvısı desteği mevcuttur.

Toolholder, Internal, Type A

Toolholder for internal applications as of bore diameter 31,0 mm.
Equipped with special through coolant nozzle for improved chip control.

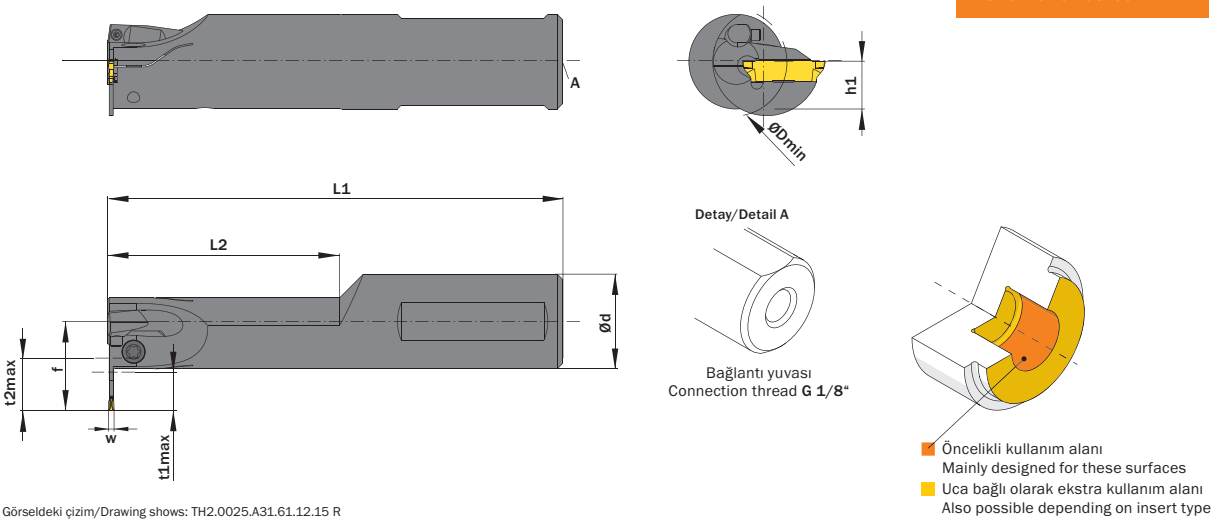
Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15": 1,5 Nm
„TH2.20": 2,0 Nm
„TH2.25": 2,5 Nm
„TH2.30": 3,0 Nm
„TH2.40": 3,0 Nm

TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/860** Veya ziyaret edin // Or Visit

Daha küçük delikler için
For smaller bores



Görseldeki çizim/Drawing shows: TH2.0025.A31.61.12.15 R

Ød g6 mm	ØDmin (min. delik) ØDmin (min. bore) mm	L2 mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode				f mm	h1 js14 mm	t1max mm	t2max mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
◀ Tablonun Devamı Continued Table				**Benzer takımları bir önceki sayfada bulabilirsiniz! Related Items can be found on the previous page as well!**													
▼ Ød = 25,0 mm																	
25,0	31,0	61,0	120,0	**TH2.0025.A31.61.12.15 R/L**	R	ASWS	L	ASWQ	23,5	11,5	10,0	16,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,0	31,0	61,0	120,0	**TH2.0025.A31.61.12.20 R/L**	R	ASWU	L	ASWT	23,5	11,5	10,0	16,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,0	31,0	61,0	120,0	**TH2.0025.A31.61.12.25 R/L**	R	ASWW	L	ASWV	23,5	11,5	10,0	16,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,0	31,0	61,0	120,0	**TH2.0025.A31.61.12.30 R/L**	R	ASWY	L	ASWX	23,5	11,5	10,0	16,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,0	31,0	61,0	120,0	**TH2.0025.A31.61.12.40 R/L**	R	ASW0	L	ASWZ	23,5	11,5	10,0	16,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 25,4 mm																	
25,4	31,0	61,0	120,0	**TH2.1.000.A31.61.12.15 R/L**	R	AW6M	L	AW6K	23,7	11,7	10,0	16,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,4	31,0	61,0	120,0	**TH2.1.000.A31.61.12.20 R/L**	R	AW6P	L	AW6N	23,7	11,7	10,0	16,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,4	31,0	61,0	120,0	**TH2.1.000.A31.61.12.25 R/L**	R	AW6S	L	AW6Q	23,7	11,7	10,0	16,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,4	31,0	61,0	120,0	**TH2.1.000.A31.61.12.30 R/L**	R	AW6U	L	AW6T	23,7	11,7	10,0	16,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,4	31,0	61,0	120,0	**TH2.1.000.A31.61.12.40 R/L**	R	AW6W	L	AW6V	23,7	11,7	10,0	16,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 32,0 mm																	
32,0	34,0	61,0	120,0	**TH2.0032.A31.61.12.15 R/L**	R	ASX0	L	ASXZ	27,0	15,0	10,0	16,5	-	1,9	TH2 M5x12 T20F	T20F	TH2.15
32,0	34,0	61,0	120,0	**TH2.0032.A31.61.12.20 R/L**	R	ASX2	L	ASX1	27,0	15,0	10,0	16,5	1,91	2,4	TH2 M5x12 T20F	T20F	TH2.20
32,0	34,0	61,0	120,0	**TH2.0032.A31.61.12.25 R/L**	R	ASX4	L	ASX3	27,0	15,0	10,0	16,5	2,41	2,9	TH2 M5x12 T20F	T20F	TH2.25
32,0	34,0	61,0	120,0	**TH2.0032.A31.61.12.30 R/L**	R	ASX6	L	ASX5	27,0	15,0	10,0	16,5	2,91	3,8	TH2 M5x12 T20F	T20F	TH2.30
32,0	34,0	61,0	120,0	**TH2.0032.A31.61.12.40 R/L**	R	ASX8	L	ASX7	27,0	15,0	10,0	16,5	3,81	4,9	TH2 M5x12 T20F	T20F	TH2.40

▌Sipariş örneği // Order example: **TH2.0032.A31.61.12.30 R** (R = Sağ model // Right hand version)

İç çap uygulamalar için B model takım tutucu

Ø 24,5 mm'den başlayan iç çap uygulamalar için takım tutucu.

Toolholder, Internal, Type B

Toolholder for internal applications as of bore diameter 24,5 mm.
Without through coolant.

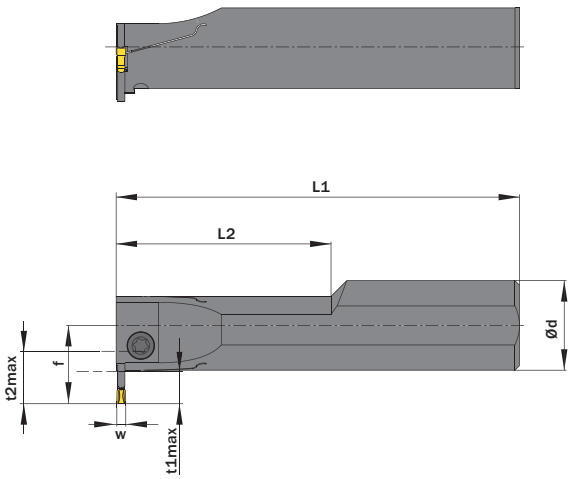
Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15": 1,5 Nm
„TH2.20": 2,0 Nm
„TH2.25": 2,5 Nm
„TH2.30": 3,0 Nm
„TH2.40": 3,0 Nm

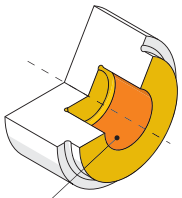
TW ST R Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/477** Veya ziyaret edin // Or Visit

Daha küçük delikler için
For smaller bores



Görseldeki çizim/Drawing shows: TH2.0020.B25.48.11.20 R



Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Ød g6 mm	ØDmin (min. delik) ØDmin (min. bore) mm	L2 mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode			f mm	h1 js14 mm	t1max mm	t2max mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ Ød = 20,0 mm																
20,0	24,5	48,0	120,0	**TH2.0020.B25.48.11.15 R/L**	R ASVU	L ASVT		18,0	9,0	7,0	12,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
20,0	24,5	48,0	120,0	**TH2.0020.B25.48.11.20 R/L**	R ASVW	L ASVV		18,0	9,0	7,0	12,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
20,0	24,5	48,0	120,0	**TH2.0020.B25.48.11.25 R/L**	R ASVY	L ASVX		18,0	9,0	7,0	12,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
20,0	24,5	48,0	120,0	**TH2.0020.B25.48.11.30 R/L**	R ASV0	L ASVZ		18,0	9,0	7,0	12,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
20,0	24,5	48,0	120,0	**TH2.0020.B25.48.11.40 R/L**	R ASV2	L ASV1		18,0	9,0	7,0	12,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 25,0 mm																
25,0	27,0	48,0	120,0	**TH2.0025.B25.48.12.15 R/L**	R ASW2	L ASW1		20,5	11,5	7,0	15,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,0	27,0	48,0	120,0	**TH2.0025.B25.48.12.20 R/L**	R ASW4	L ASW3		20,5	11,5	7,0	15,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,0	27,0	48,0	120,0	**TH2.0025.B25.48.12.25 R/L**	R ASW6	L ASW5		20,5	11,5	7,0	15,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,0	27,0	48,0	120,0	**TH2.0025.B25.48.12.30 R/L**	R ASW8	L ASW7		20,5	11,5	7,0	15,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,0	27,0	48,0	120,0	**TH2.0025.B25.48.12.40 R/L**	R ASXA	L ASW9		20,5	11,5	7,0	15,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 25,4 mm																
25,4	27,0	48,0	120,0	**TH2.1.000.B25.48.12.15 R/L**	R AW6Y	L AW6X		20,7	11,7	7,0	15,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,4	27,0	48,0	120,0	**TH2.1.000.B25.48.12.20 R/L**	R AW60	L AW6Z		20,7	11,7	7,0	15,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,4	27,0	48,0	120,0	**TH2.1.000.B25.48.12.25 R/L**	R AW62	L AW61		20,7	11,7	7,0	15,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,4	27,0	48,0	120,0	**TH2.1.000.B25.48.12.30 R/L**	R AW64	L AW63		20,7	11,7	7,0	15,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,4	27,0	48,0	120,0	**TH2.1.000.B25.48.12.40 R/L**	R AW66	L AW65		20,7	11,7	7,0	15,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40

Benzer takımları bir sonraki sayfada bulabilirsiniz!
Related Items can be found on the following page as well!

Tablonun Devamı
Continued Table ▶

▌Sipariş örneği // Order example: **TH2.0020.B25.48.11.15 R** (R = Sağ model // Right hand version)

İç çap uygulamalar için B model takım tutucu

Ø 31,0 mm'den başlayan iç çap uygulamalar için takım tutucu.

Toolholder, Internal, Type B

Toolholder for internal applications as of bore diameter 31,0 mm.
Without through coolant.

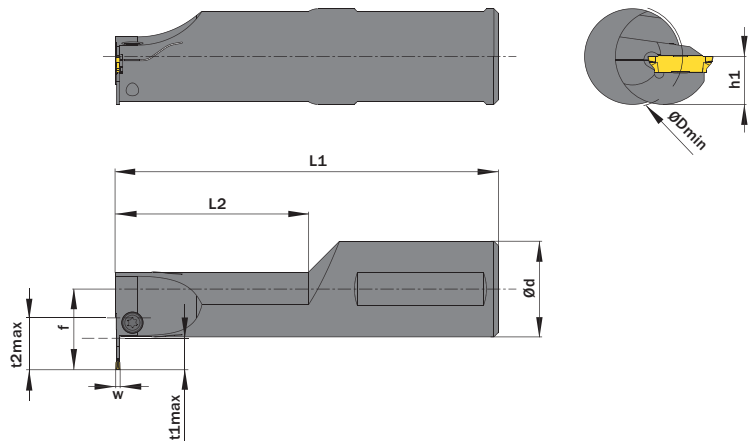
Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15": 1,5 Nm
„TH2.20": 2,0 Nm
„TH2.25": 2,5 Nm
„TH2.30": 3,0 Nm
„TH2.40": 3,0 Nm

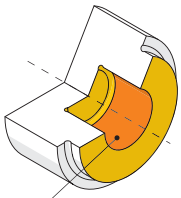
TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/859** Veya ziyaret edin // Or Visit

Daha küçük delikler için
For smaller bores



Görseldeki çizim/Drawing shows: TH2.0032.B31.61.12.15 R



Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Ød g6 mm	ØDmin (min. delik) ØDmin (min. bore) mm	L2 mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode			f mm	h1 js14 mm	t1max mm	t2max mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ Ød = 25,0 mm																
25,0	31,0	61,0	120,0	**TH2.0025.B31.61.12.15 R/L**	R ASXC	L ASXB		23,5	11,5	10,0	16,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,0	31,0	61,0	120,0	**TH2.0025.B31.61.12.20 R/L**	R ASXE	L ASXD		23,5	11,5	10,0	16,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,0	31,0	61,0	120,0	**TH2.0025.B31.61.12.25 R/L**	R ASXG	L ASXF		23,5	11,5	10,0	16,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,0	31,0	61,0	120,0	**TH2.0025.B31.61.12.30 R/L**	R ASXJ	L ASXH		23,5	11,5	10,0	16,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,0	31,0	61,0	120,0	**TH2.0025.B31.61.12.40 R/L**	R ASXM	L ASXK		23,5	11,5	10,0	16,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 25,4 mm																
25,4	31,0	61,0	120,0	**TH2.1.000.B31.61.12.15 R/L**	R AW68	L AW67		23,7	11,7	10,0	16,5	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
25,4	31,0	61,0	120,0	**TH2.1.000.B31.61.12.20 R/L**	R AW7A	L AW69		23,7	11,7	10,0	16,5	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
25,4	31,0	61,0	120,0	**TH2.1.000.B31.61.12.25 R/L**	R AW7C	L AW7B		23,7	11,7	10,0	16,5	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
25,4	31,0	61,0	120,0	**TH2.1.000.B31.61.12.30 R/L**	R AW7E	L AW7D		23,7	11,7	10,0	16,5	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
25,4	31,0	61,0	120,0	**TH2.1.000.B31.61.12.40 R/L**	R AW7G	L AW7F		23,7	11,7	10,0	16,5	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 32,0 mm																
32,0	34,0	61,0	120,0	**TH2.0032.B31.61.12.15 R/L**	R ASYM	L ASYK		27,0	15,0	10,0	16,5	-	1,9	TH2 M5x12 T20F	T20F	TH2.15
32,0	34,0	61,0	120,0	**TH2.0032.B31.61.12.20 R/L**	R ASYP	L ASYN		27,0	15,0	10,0	16,5	1,91	2,4	TH2 M5x12 T20F	T20F	TH2.20
32,0	34,0	61,0	120,0	**TH2.0032.B31.61.12.25 R/L**	R ASYS	L ASYQ		27,0	15,0	10,0	16,5	2,41	2,9	TH2 M5x12 T20F	T20F	TH2.25
32,0	34,0	61,0	120,0	**TH2.0032.B31.61.12.30 R/L**	R ASYU	L ASYT		27,0	15,0	10,0	16,5	2,91	3,8	TH2 M5x12 T20F	T20F	TH2.30
32,0	34,0	61,0	120,0	**TH2.0032.B31.61.12.40 R/L**	R ASYW	L ASYV		27,0	15,0	10,0	16,5	3,81	4,9	TH2 M5x12 T20F	T20F	TH2.40

◀ Tablonun Devamı
Continued Table

Benzer takımları bir önceki sayfada bulabilirsiniz!
Related Items can be found on the previous page as well!

▌Sipariş örneği // Order example: **TH2.0025.B31.61.12.40 R** (R = Sağ model // Right hand version)

Dış çap uygulamalar için A model takım tutucu

10,0 x 10,0 mm şaft boyutunda, dış çap uygulamalarda küçük parça işleme için takım tutucu.

Toolholder, External, Type A

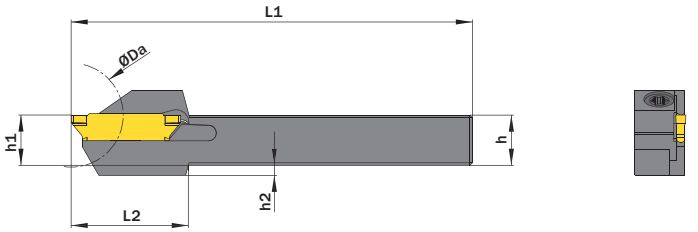
Toolholder for small part machining. Shank size 10,0 x 10,0 mm.

Sıkma torku (Vida) // Tightening torque (Screw)

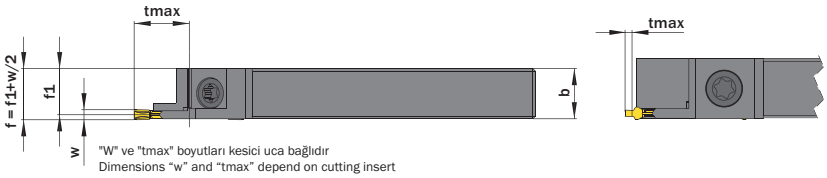
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST R Referans Legend 26

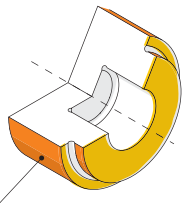
QR-Code Tara // Scan **www.simtek.info/cp/468** Veya ziyaret edin // Or Visit



ØDa	tmax
Ø16,0 mm / Ø0.630"	11,0 mm / 0.433"
Ø20,0 mm / Ø0.787"	8,0 mm / 0.315"
Ø30,0 mm / Ø1.181"	6,0 mm / 0.236"
Ø40,0 mm / Ø1.575"	5,0 mm / 0.197"
Ø90,0 mm / Ø3.543"	4,0 mm / 0.158"
Ø150,0 mm / Ø5.906"	3,5 mm / 0.138"



"W" ve "tmax" boyutları kesici uca bağlıdır
Dimensions "w" and "tmax" depend on cutting insert



Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Görseldeki çizim/Drawing shows: TH2.1010.A11.08.20 R

h mm	b mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	f1 mm	h1 js14 mm	h2 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ L1 = 80,0 mm													
10,0	10,0	80,0	**TH2.1010.A11.08.15 R/L**	R ASNK L ASNJ	9,45	10,0	2,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
10,0	10,0	80,0	**TH2.1010.A11.08.20 R/L**	R ASDH L ASNM	9,2	10,0	2,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
10,0	10,0	80,0	**TH2.1010.A11.08.25 R/L**	R ASNP L ASNN	8,95	10,0	2,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
10,0	10,0	80,0	**TH2.1010.A11.08.30 R/L**	R ASNS L ASNQ	8,7	10,0	2,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
▼ L1 = 125,0 mm													
10,0	10,0	125,0	**TH2.1010.A11.12.15 R/L**	R AUHH L AUHG	9,45	10,0	2,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
10,0	10,0	125,0	**TH2.1010.A11.12.20 R/L**	R AUHK L AUHJ	9,2	10,0	2,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
10,0	10,0	125,0	**TH2.1010.A11.12.25 R/L**	R AUHN L AUHM	8,95	10,0	2,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
10,0	10,0	125,0	**TH2.1010.A11.12.30 R/L**	R AUHQ L AUHP	8,7	10,0	2,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30

Benzer takımları bir sonraki sayfada bulabilirsiniz!
Related Items can be found on the following page as well!
Tablonun Devamı Continued Table ▶

▌Sipariş örneği // Order example: **TH2.1010.A11.08.20 R** (R = Sağ model // Right hand version)

Dış çap uygulamalar için A model takım tutucu

12,0 x 12,0 mm şaft boyutunda, dış çap uygulamalarda küçük parça işleme için takım tutucu.

Toolholder, External, Type A

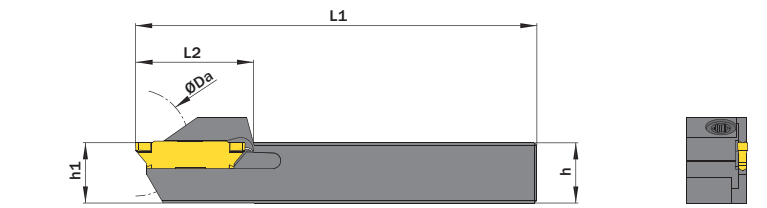
Toolholder for small part machining. Shank size 12,0 x 12,0 mm.

Sıkma torku (Vida) // Tightening torque (Screw)

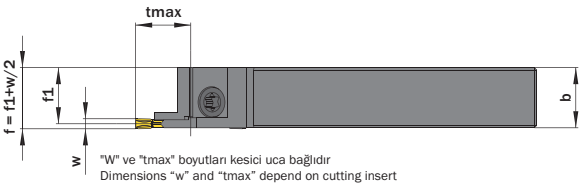
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST R Referans Legend 26

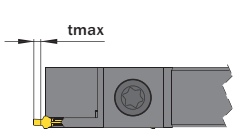
QR-Code Tara // Scan **www.simtek.info/cp/469** Veya ziyaret edin // Or Visit

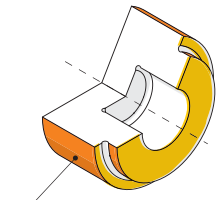


ØDa	tmax
Ø24,0 mm / Ø0.945“	13,0 mm / 0.512“
Ø30,0 mm / Ø1.181“	10,0 mm / 0.393“
Ø44,0 mm / Ø1.732“	8,0 mm / 0.315“
Ø62,0 mm / Ø2.441“	7,0 mm / 0.276“
Ø110,0 mm / Ø4.331“	6,0 mm / 0.236“
Ø200,0 mm / Ø7.874“	5,5 mm / 0.217“



"W" ve "tmax" boyutları kesici uca bağlıdır
Dimensions “w” and “tmax” depend on cutting insert





Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Görseldeki çizim/Drawing shows: TH2.1212.A13.08.20 R

Tablonun Devamı
Continued Table

Benzer takımları bir önceki sayfada bulabilirsiniz!
Related Items can be found on the previous page as well!

h mm	b mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode			f1 mm	h1 js14 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ L1 = 80,0 mm														
12,0	12,0	80,0	**TH2.1212.A13.08.15 R/L**	R ASN6	L	ASN5	11,4	12,0	28,5	-	1,9	TH2 M4x16,6T15F	T15F	**TH2.15**
12,0	12,0	80,0	**TH2.1212.A13.08.20 R/L**	R ASN8	L	ASN7	11,2	12,0	28,5	1,91	2,4	TH2 M4x16,6T15F	T15F	**TH2.20**
12,0	12,0	80,0	**TH2.1212.A13.08.25 R/L**	R ASPA	L	ASN9	10,95	12,0	28,5	2,41	2,9	TH2 M4x16,6T15F	T15F	**TH2.25**
12,0	12,0	80,0	**TH2.1212.A13.08.30 R/L**	R ASPC	L	ASPB	10,67	12,0	28,5	2,91	3,8	TH2 M4x16,6T15F	T15F	**TH2.30**
12,0	12,0	80,0	**TH2.1212.A13.08.40 R/L**	R ASPE	L	ASPD	10,25	12,0	28,5	3,81	4,9	TH2 M4x12T15F	T15F	**TH2.40**
▼ L1 = 125,0 mm														
12,7	12,7	125,0	**TH2.0.500.S.A13.12.15 R/L**	R A1FC	L	A1FB	12,1	12,7	28,5	-	1,9	TH2 M4x16,6T15F	T15F	**TH2.15**
12,7	12,7	125,0	**TH2.0.500.S.A13.12.20 R/L**	R A1FE	L	A1FD	11,9	12,7	28,5	1,91	2,4	TH2 M4x16,6T15F	T15F	**TH2.20**
12,7	12,7	125,0	**TH2.0.500.S.A13.12.25 R/L**	R A2FN	L	A1FF	11,7	12,7	28,5	2,41	2,9	TH2 M4x16,6T15F	T15F	**TH2.25**
12,7	12,7	125,0	**TH2.0.500.S.A13.12.30 R/L**	R A1FH	L	A1FG	11,4	12,7	28,5	2,91	3,8	TH2 M4x16,6T15F	T15F	**TH2.30**
12,7	12,7	125,0	**TH2.0.500.S.A13.12.40 R/L**	R A1FM	L	A1FK	11,0	12,7	28,5	3,81	4,9	TH2 M4x16,6T15F	T15F	**TH2.40**
12,0	12,0	125,0	**TH2.1212.A13.12.15 R/L**	R AUHT	L	AUHS	11,4	12,0	28,5	-	1,9	TH2 M4x16,6T15F	T15F	**TH2.15**
12,0	12,0	125,0	**TH2.1212.A13.12.20 R/L**	R AUHV	L	AUHU	11,2	12,0	28,5	1,91	2,4	TH2 M4x16,6T15F	T15F	**TH2.20**
12,0	12,0	125,0	**TH2.1212.A13.12.25 R/L**	R AUHX	L	AUHW	10,95	12,0	28,5	2,41	2,9	TH2 M4x16,6T15F	T15F	**TH2.25**
12,0	12,0	125,0	**TH2.1212.A13.12.30 R/L**	R AUHZ	L	AUHY	10,67	12,0	28,5	2,91	3,8	TH2 M4x16,6T15F	T15F	**TH2.30**
12,0	12,0	125,0	**TH2.1212.A13.12.40 R/L**	R AUH1	L	AUH0	10,25	12,0	28,5	3,81	4,9	TH2 M4x16,6T15F	T15F	**TH2.40**

Sipariş örneği // Order example: **TH2.1212.A13.12.20 R** (R = Sağ model // Right hand version)

Dış çap uygulamalar için B model takım tutucu

Dış çap uygulamalarda yüksek kesme derinliği ihtiyacınız için tasarlanmıştır.

Toolholder, External, Type B

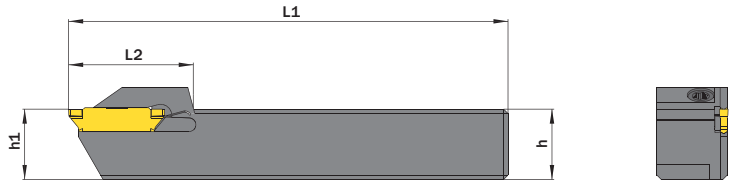
Toolholder for external applications. Designed for highest cutting depths.

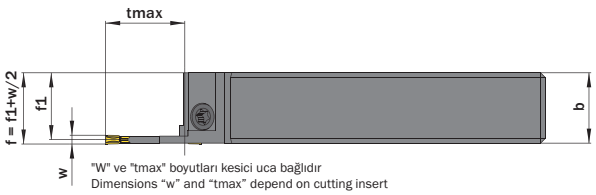
Sıkma torku (Vida) // Tightening torque (Screw)

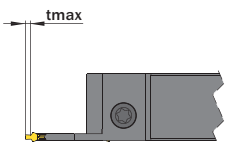
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

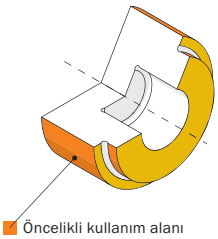
TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/861** Veya ziyaret edin // Or Visit









Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Görseldeki çizim/Drawing shows: TH2.1616.B18.10.20 R

h mm	b mm	tmax mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode				f1 mm	h1 js14 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ h = 15,875																
15,875	15,875	18,0	125,0	**TH2.0.625.S.B18.12.15 R/L**	R	A1FP	L	A1FN	15,3	15,875	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
15,875	15,875	18,0	125,0	**TH2.0.625.S.B18.12.20 R/L**	R	A1FS	L	A1FQ	15,1	15,875	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
15,875	15,875	18,0	125,0	**TH2.0.625.S.B18.12.25 R/L**	R	A1FU	L	A1FT	14,8	15,875	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
15,875	15,875	18,0	125,0	**TH2.0.625.S.B18.12.30 R/L**	R	A1FW	L	A1FV	14,6	15,875	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
15,875	15,875	18,0	125,0	**TH2.0.625.S.B18.12.40 R/L**	R	A1FY	L	A1FX	14,1	15,875	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 16,0 mm																
16,0	16,0	18,0	125,0	**TH2.1616.B18.12.15 R/L**	R	ASQE	L	ASQD	15,425	16,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
16,0	16,0	18,0	125,0	**TH2.1616.B18.12.20 R/L**	R	ASQG	L	ASQF	15,2	16,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
16,0	16,0	18,0	125,0	**TH2.1616.B18.12.25 R/L**	R	ASQJ	L	ASQH	14,95	16,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
16,0	16,0	18,0	125,0	**TH2.1616.B18.12.30 R/L**	R	ASQM	L	ASQK	14,7	16,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
16,0	16,0	18,0	125,0	**TH2.1616.B18.12.40 R/L**	R	ASQP	L	ASQN	14,25	16,0	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 19,05 mm																
19,05	19,05	18,0	125,0	**TH2.0.750.S.B18.12.15 R/L**	R	AW7P	L	AW8M	18,5	19,05	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
19,05	19,05	18,0	125,0	**TH2.0.750.S.B18.12.20 R/L**	R	AW7Q	L	AW8N	18,3	19,05	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
19,05	19,05	18,0	125,0	**TH2.0.750.S.B18.12.25 R/L**	R	AW7S	L	AW8P	18,0	19,05	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
19,05	19,05	18,0	125,0	**TH2.0.750.S.B18.12.30 R/L**	R	AW7T	L	AW8Q	17,755	19,05	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
19,05	19,05	18,0	125,0	**TH2.0.750.S.B18.12.40 R/L**	R	AW7U	L	AW8S	17,3	19,05	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 20,0 mm																
20,0	20,0	18,0	125,0	**TH2.2020.B18.12.15 R/L**	R	ASSP	L	ASSN	19,425	20,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
20,0	20,0	18,0	125,0	**TH2.2020.B18.12.20 R/L**	R	ASSS	L	ASSQ	19,2	20,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
20,0	20,0	18,0	125,0	**TH2.2020.B18.12.25 R/L**	R	ASSU	L	ASST	18,95	20,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
20,0	20,0	18,0	125,0	**TH2.2020.B18.12.30 R/L**	R	ASSW	L	ASSV	18,7	20,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
20,0	20,0	18,0	125,0	**TH2.2020.B18.12.40 R/L**	R	ASSY	L	ASSX	18,25	20,0	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40

Benzer takımları bir sonraki sayfada bulabilirsiniz!
Related Items can be found on the following page as well!

Tablonun Devamı
Continued Table ▶

▌Sipariş örneği // Order example: **TH2.1616.B18.12.30 R** (R = Sağ model // Right hand version)

Dış çap uygulamalar için B model takım tutucu

Dış çap uygulamalarda yüksek kesme derinliği ihtiyacınız için tasarlanmıştır.

Toolholder, External, Type B

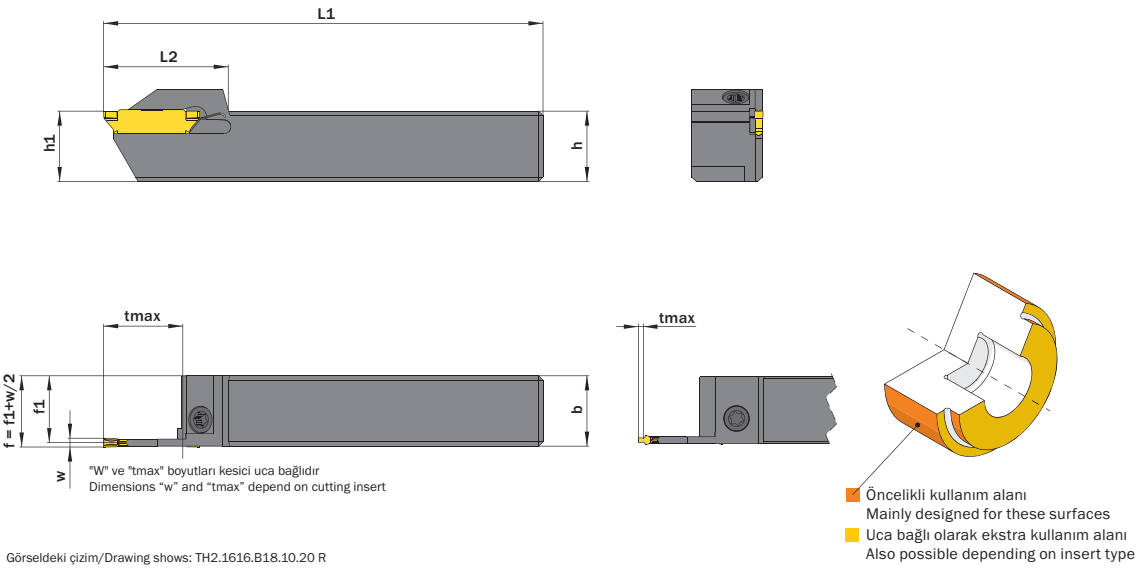
Toolholder for external applications. Designed for highest cutting depths.

Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/1037** Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: TH2.1616.B18.10.20 R

h mm	b mm	tmax mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode			f1 mm	h1 js14 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
Tablonun Devamı / Continued Table				**Benzer takımları bir önceki sayfada bulabilirsiniz! / Related Items can be found on the previous page as well!**											
▼ h = 25,0 mm															
25,0	25,0	18,0	150,0	**TH2.2525.B18.15.15 R/L**	R ASTY	L ASTX	24,45	25,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
25,0	25,0	18,0	150,0	**TH2.2525.B18.15.20 R/L**	R AST0	L ASTZ	24,2	25,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
25,0	25,0	18,0	150,0	**TH2.2525.B18.15.25 R/L**	R AST2	L AST1	23,95	25,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
25,0	25,0	18,0	150,0	**TH2.2525.B18.15.30 R/L**	R AST4	L AST3	23,7	25,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
25,0	25,0	18,0	150,0	**TH2.2525.B18.15.40 R/L**	R AST6	L AST5	23,2	25,0	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 25,4 mm															
25,4	25,4	18,0	150,0	**TH2.1.000.S.B18.15.15 R/L**	R AW7H	L AW8F	24,84	25,4	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
25,4	25,4	18,0	150,0	**TH2.1.000.S.B18.15.20 R/L**	R AW7J	L AW8G	24,6	25,4	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
25,4	25,4	18,0	150,0	**TH2.1.000.S.B18.15.25 R/L**	R AW7K	L AW8H	24,36	25,4	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
25,4	25,4	18,0	150,0	**TH2.1.000.S.B18.15.30 R/L**	R AW7M	L AW8J	24,1	25,4	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
25,4	25,4	18,0	150,0	**TH2.1.000.S.B18.15.40 R/L**	R AW7N	L AW8K	23,6	25,4	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40

Sipariş örneği // Order example: **TH2.2525.B18.15.15 R** (R = Sağ model // Right hand version)

Dış çap uygulamalar için C model takım tutucu

Dış çap uygulamalarda uca bağlı olarak farklı kesme derinliklerinde, mükemmel hasassiyet ve stabilite için tasarlanmış takım tutucu.

Toolholder, External, Type C

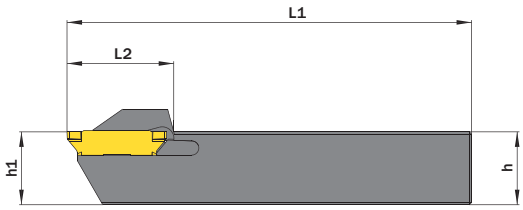
Toolholder for external applications. Reduced cutting depth, designed for highest stability.

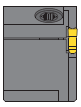
Sıkma torku (Vida) // Tightening torque (Screw)

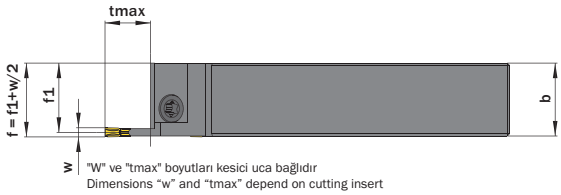
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST | R | Referans Legend 26

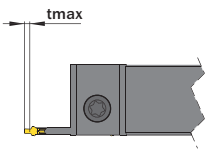
QR-Code Tara // Scan **www.simtek.info/cp/862** Veya ziyaret edin // Or Visit







"W" ve "tmax" boyutları kesici uca bağlıdır
Dimensions "w" and "tmax" depend on cutting insert



Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Görseldeki çizim/Drawing shows: TH2.1616.C10.10.20 R

h mm	b mm	tmax mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	f1 mm	h1 js14 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ h = 16,0 mm													
16,0	16,0	10,0	125,0	**TH2.1616.C10.12.15 R/L**	R ASQ2 L ASQ1	15,45	16,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
16,0	16,0	10,0	125,0	**TH2.1616.C10.12.20 R/L**	R ASQ4 L ASQ3	15,2	16,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
16,0	16,0	10,0	125,0	**TH2.1616.C10.12.25 R/L**	R ASQ6 L ASQ5	14,95	16,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
16,0	16,0	10,0	125,0	**TH2.1616.C10.12.30 R/L**	R ASQ8 L ASQ7	14,68	16,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
16,0	16,0	10,0	125,0	**TH2.1616.C10.12.40 R/L**	R ASSA L ASQ9	14,25	16,0	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 19,05 mm													
19,05	19,05	10,0	125,0	**TH2.0.750.S.C10.12.15 R/L**	R AW70 L AW8Y	18,5	19,05	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
19,05	19,05	10,0	125,0	**TH2.0.750.S.C10.12.20 R/L**	R AW71 L AW8Z	18,3	19,05	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
19,05	19,05	10,0	125,0	**TH2.0.750.S.C10.12.25 R/L**	R AW72 L AW80	18,0	19,05	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
19,05	19,05	10,0	125,0	**TH2.0.750.S.C10.12.30 R/L**	R AW73 L AW81	17,755	19,05	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
19,05	19,05	10,0	125,0	**TH2.0.750.S.C10.12.40 R/L**	R AW74 L AW82	17,5	19,05	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 20,0 mm													
20,0	20,0	10,0	125,0	**TH2.2020.C10.12.15 R/L**	R ASTA L ASS9	19,45	20,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
20,0	20,0	10,0	125,0	**TH2.2020.C10.12.20 R/L**	R ASTC L ASTB	19,2	20,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
20,0	20,0	10,0	125,0	**TH2.2020.C10.12.25 R/L**	R ASTE L ASTD	18,95	20,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
20,0	20,0	10,0	125,0	**TH2.2020.C10.12.30 R/L**	R ASTG L ASTF	18,7	20,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
20,0	20,0	10,0	125,0	**TH2.2020.C10.12.40 R/L**	R ASTJ L ASTH	18,2	20,0	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40

Benzer takımları bir sonraki sayfada bulabilirsiniz!
Related Items can be found on the following page as well!

Tablonun Devamı
Continued Table ▶

▌Sipariş örneği // Order example: **TH2.1616.C10.12.20 R** (R = Sağ model // Right hand version)

Dış çap uygulamalar için C model takım tutucu

Dış çap uygulamalarda uca bağlı olarak farklı kesme derinliklerinde, mükemmel hasassiyet ve stabilite için tasarlanmış takım tutucu.

Toolholder, External, Type C

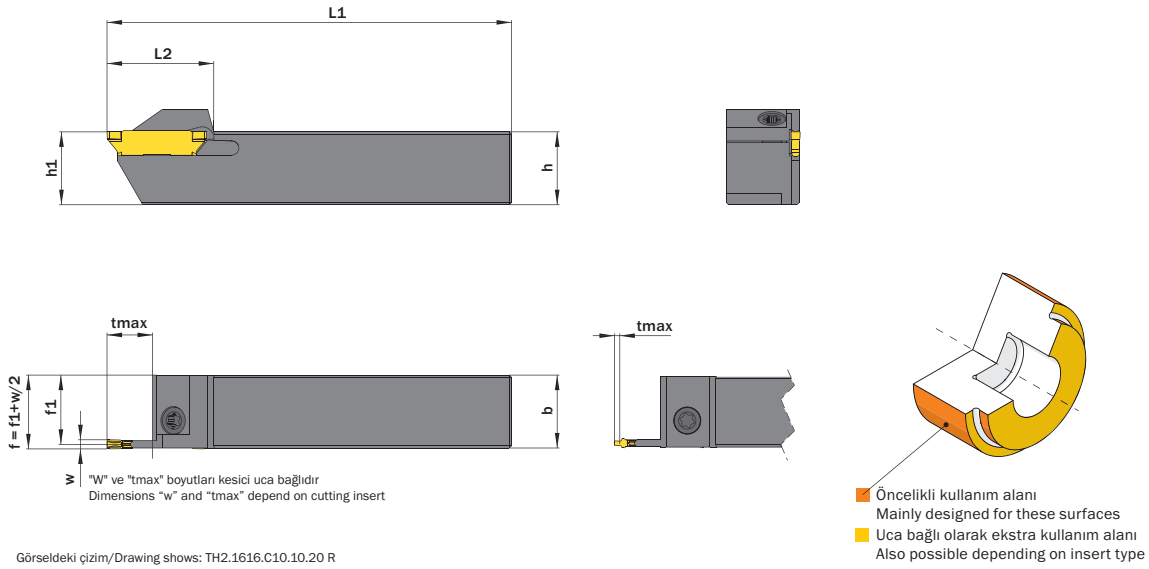
Toolholder for external applications. Reduced cutting depth, designed for highest stability.

Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/1057** Veya ziyaret edin // Or Visit



"W" ve "tmax" boyutları kesici uca bağlıdır
Dimensions “w” and “tmax” depend on cutting insert

Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Görseldeki çizim/Drawing shows: TH2.1616.C10.10.20 R

h mm	b mm	tmax mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	f1 mm	h1 js14 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode

Tablonun Devamı Continued Table

Benzer takımları bir önceki sayfada bulabilirsiniz!
Related Items can be found on the previous page as well!

h	b	tmax	L1	Ürün kodu Part number		Webcode		f1	h1 js14	L2	w ≥	w ≤	Vida Screw	Vida anahtarı Screw driver	Connectcode
▼ h = 25,0 mm															
25,0	25,0	10,0	150,0	**TH2.2525.C10.15.15 R/L**	R	ASUJ	L ASUH	24,45	25,0	28,5	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
25,0	25,0	10,0	150,0	**TH2.2525.C10.15.20 R/L**	R	ASUM	L ASUK	24,2	25,0	28,5	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
25,0	25,0	10,0	150,0	**TH2.2525.C10.15.25 R/L**	R	ASUP	L ASUN	23,95	25,0	28,5	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
25,0	25,0	10,0	150,0	**TH2.2525.C10.15.30 R/L**	R	ASUS	L ASUQ	23,7	25,0	28,5	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
25,0	25,0	10,0	150,0	**TH2.2525.C10.15.40 R/L**	R	ASUU	L ASUT	23,2	25,0	28,5	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 25,4 mm															
25,4	25,4	10,0	150,0	**TH2.1.000.S.C10.15.15 R/L**	R	AW7V	L AW8T	24,84	25,4	28,25	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
25,4	25,4	10,0	150,0	**TH2.1.000.S.C10.15.20 R/L**	R	AW7W	L AW8U	24,6	25,4	28,25	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
25,4	25,4	10,0	150,0	**TH2.1.000.S.C10.15.25 R/L**	R	AW7X	L AW8V	24,36	25,4	28,25	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
25,4	25,4	10,0	150,0	**TH2.1.000.S.C10.15.30 R/L**	R	AW7Y	L AW8W	24,1	25,4	28,25	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
25,4	25,4	10,0	150,0	**TH2.1.000.S.C10.15.40 R/L**	R	AW7Z	L AW8X	23,6	25,4	28,25	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40

Sipariş örneği // Order example: **TH2.2525.C10.15.15 R** (R = Sağ model // Right hand version)

Tools for highest expectations
En Yüksek Talepler için Makine Takımları
SIMTEK

Dış çap uygulamalarda köşe boşaltma için takım tutucu

Full radius kesici uçlarla ve bazı özel takımlarda kullanılmak için tasarlanmış takım tutucu.

Toolholder, External Corner Relief

Toolholder for external corner reliefs. For use with full radius inserts and for suitable customized tools.

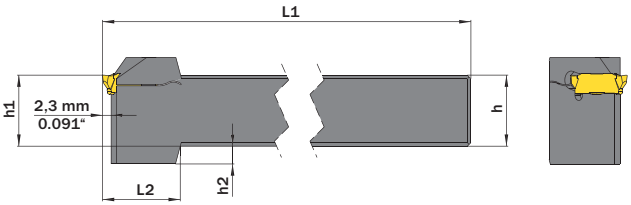
Sıkma torku (Vida) // Tightening torque (Screw)

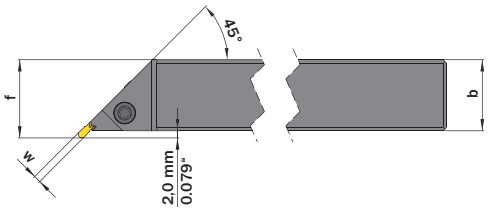
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

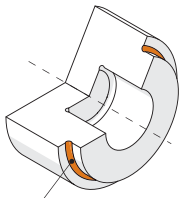
TW ST R Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/473** Veya ziyaret edin // Or Visit

Lütfen aşağıdaki ek bilgileri inceleyin
Please pay attention to the additional information below







Kullanım alanı
Mainly designed for these surfaces

Görseldeki çizim/Drawing shows: TH2.2020.D45.12.20 R

h mm	b mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode			f mm	h1 js14 mm	h2 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ h = 19,05 mm															
19,05	19,05	125,0	**TH2.0.750.S.D45.12.15 R/L**	R	AW8A	L	AW88	21,06	19,05	5,0	30,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
19,05	19,05	125,0	**TH2.0.750.S.D45.12.20 R/L**	R	AW8B	L	AW89	21,06	19,05	5,0	30,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
19,05	19,05	125,0	**TH2.0.750.S.D45.12.25 R/L**	R	AW8C	L	AW9A	21,06	19,05	5,0	30,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
19,05	19,05	125,0	**TH2.0.750.S.D45.12.30 R/L**	R	AW8D	L	AW9B	21,06	19,05	5,0	30,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
19,05	19,05	125,0	**TH2.0.750.S.D45.12.40 R/L**	R	AW8E	L	AW9C	21,06	19,05	5,0	30,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ h = 20,0 mm															
20,0	20,0	125,0	**TH2.2020.D45.12.15 R/L**	R	ASUW	L	ASUV	22,0	20,0	5,0	30,0	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
20,0	20,0	125,0	**TH2.2020.D45.12.20 R/L**	R	ASUY	L	ASUX	22,0	20,0	5,0	30,0	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
20,0	20,0	125,0	**TH2.2020.D45.12.25 R/L**	R	ASU0	L	ASUZ	22,0	20,0	5,0	30,0	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
20,0	20,0	125,0	**TH2.2020.D45.12.30 R/L**	R	ASU2	L	ASU1	22,0	20,0	5,0	30,0	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
20,0	20,0	125,0	**TH2.2020.D45.12.40 R/L**	R	ASU4	L	ASU3	22,0	20,0	5,0	30,0	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40

Benzer takımları bir sonraki sayfada bulabilirsiniz!
Related Items can be found on the following page as well!

Tablonun Devamı
Continued Table

Sipariş örneği // Order example: **TH2.2020.D45.12.15 R** (R = Sağ model // Right hand version)

Lütfen yapmak istediğiniz işlemin teknik olarak mümkün olup olmadığını teknik birimimize danışarak teyit ediniz.
Teknik birimimize +90 266 376 11 61 ya da sales.tr@simtek.com üzerinden ulaşabilirsiniz.
Sipariş durumunda lütfen iş resmini gönderiniz.

Please contact our technical department in order to proof the technical feasibility of the corner relief you are planning to machine:
+90 266 376 11 61 or sales.tr@simtek.com
In case of an order, we kindly ask you to send us a drawing of the workpiece.

Dış çap uygulamalarda köşe boşaltma için takım tutucu

Full radius kesici uçlarla ve bazı özel takımlarda kullanılmak için tasarlanmış takım tutucu.

Toolholder, External Corner Relief

Toolholder for external corner reliefs. For use with full radius inserts and for suitable customized tools.

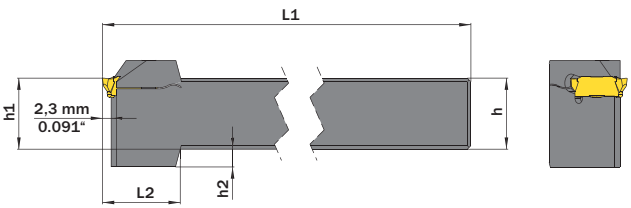
Sıkma torku (Vida) // Tightening torque (Screw)

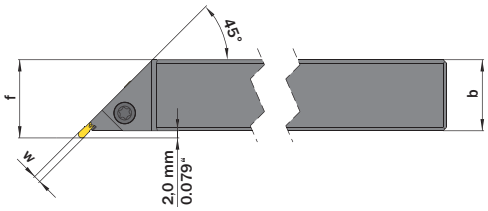
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST | R | Referans Legend 26

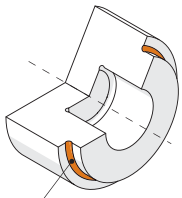
QR-Code Tara // Scan **www.simtek.info/cp/1058** Veya ziyaret edin // Or Visit

Lütfen aşağıdaki ek bilgileri inceleyin
Please pay attention to the additional information below





Görseldeki çizim/Drawing shows: TH2.2020.D45.12.20 R



Kullanım alanı
Mainly designed for these surfaces

h mm	b mm	L1 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode			f mm	h1 js14 mm	h2 mm	L2 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ h = 25,0 mm															
25,0	25,0	150,0	**TH2.2525.D45.15.15 R/L**	R ASU6	L ASU5		27,0	25,0	-	-	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
25,0	25,0	150,0	**TH2.2525.D45.15.20 R/L**	R ASU8	L ASU7		27,0	25,0	-	-	1,91	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
25,0	25,0	150,0	**TH2.2525.D45.15.25 R/L**	R ASVA	L ASU9		27,0	25,0	-	-	2,41	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
25,0	25,0	150,0	**TH2.2525.D45.15.30 R/L**	R ASVC	L ASVB		27,0	25,0	-	-	2,91	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
25,0	25,0	150,0	**TH2.2525.D45.15.40 R/L**	R ASVE	L ASVD		27,0	25,0	-	-	3,81	4,9	TH2 M4x16,6 T15F	T15F	TH2.40
▼ h = 25,4 mm															
25,4	25,4	150,0	**TH2.1.000.S.D45.15.15 R/L**	R AW75	L AW83		27,4	25,4	-	-	-	1,9	TH2 M4x16,6 T15F	T15F	TH2.15
25,4	25,4	150,0	**TH2.1.000.S.D45.15.20 R/L**	R AW76	L AW84		27,4	25,4	-	-	1,9	2,4	TH2 M4x16,6 T15F	T15F	TH2.20
25,4	25,4	150,0	**TH2.1.000.S.D45.15.25 R/L**	R AW77	L AW85		27,4	25,4	-	-	2,4	2,9	TH2 M4x16,6 T15F	T15F	TH2.25
25,4	25,4	150,0	**TH2.1.000.S.D45.15.30 R/L**	R AW78	L AW86		27,4	25,4	-	-	2,9	3,8	TH2 M4x16,6 T15F	T15F	TH2.30
25,4	25,4	150,0	**TH2.1.000.S.D45.15.40 R/L**	R AW79	L AW87		27,4	25,4	-	-	3,8	4,9	TH2 M4x16,6 T15F	T15F	TH2.40

◀ Tablonun Devamı Continued Table

Benzer takımları bir önceki sayfada bulabilirsiniz!
Related Items can be found on the previous page as well!

Sipariş örneği // Order example: **TH2.2525.D45.15.40 R** (R = Sağ model // Right hand version)

Lütfen yapmak istediğiniz işlemin teknik olarak mümkün olup olmadığını teknik birimimize danışarak teyit ediniz.
Teknik birimimize +90 266 376 11 61 ya da sales.tr@simtek.com üzerinden ulaşabilirsiniz.
Sipariş durumunda lütfen iş resmini gönderiniz.

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+90 266 376 11 61 or sales.tr@simtek.com
In case of an order, we kindly ask you to send us a drawing of the workpiece.

İç çap uygulamalarda köşe boşaltma için takım tutucu

Full radius kesici uçlarla ve bazı özel takımlarda kullanılmak için tasarlanmış takım tutucu.

Toolholder, Internal Corner Relief

Toolholder for internal corner reliefs. For use with full radius inserts and for suitable customized tools.

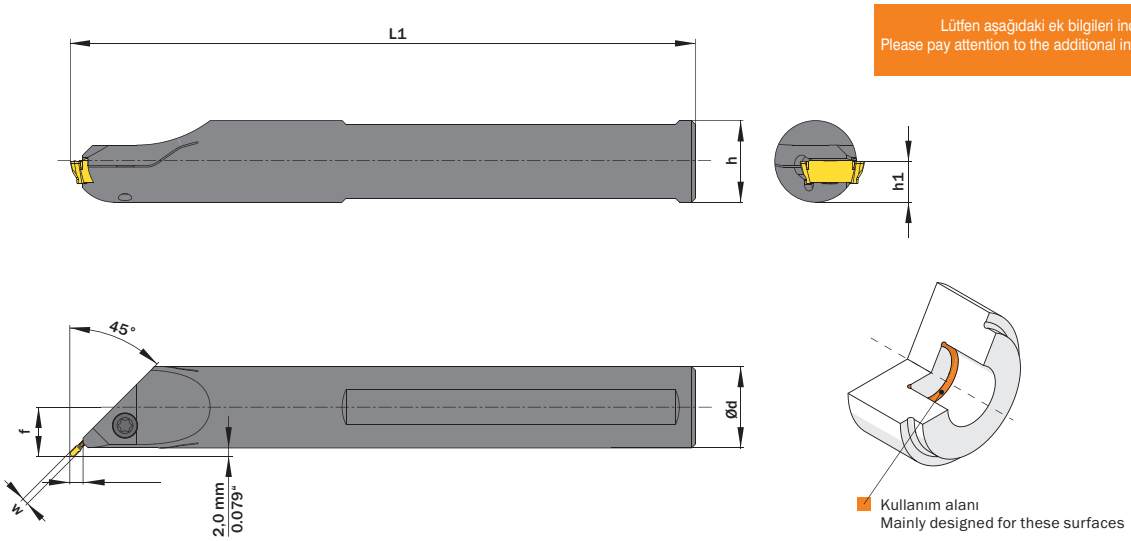
Sıkma torku (Vida) // Tightening torque (Screw)

„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST | R | Referans Legend 26

QR-Code Tara // Scan **www.simtek.info/cp/480** Veya ziyaret edin // Or Visit

Lütfen aşağıdaki ek bilgileri inceleyin
Please pay attention to the additional information below



Görseldeki çizim/Drawing shows: TH2.0020.D45.60.18.15 R

Ød g6 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	f mm	h mm	h1 mm	L1 js14 mm	w ≥ mm	w ≤ mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
▼ Ød = 20,0 mm											
20,0	**TH2.0020.D45.60.18.15 R/L**	R ASV4 L ASV3	12,0	18,0	9,0	180,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
20,0	**TH2.0020.D45.60.18.20 R/L**	R ASV6 L ASV5	12,0	18,0	9,0	180,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
20,0	**TH2.0020.D45.60.18.25 R/L**	R ASV8 L ASV7	12,0	18,0	9,0	180,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
20,0	**TH2.0020.D45.60.18.30 R/L**	R ASWA L ASV9	12,0	18,0	9,0	180,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
20,0	**TH2.0020.D45.60.18.40 R/L**	R ASWC L ASWB	12,0	18,0	9,0	180,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40
▼ Ød = 31,75 mm											
31,75	**TH2.1.250.D45.80.25.15 R**	A4T5	17,88	29,7	14,88	250,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
▼ Ød = 32,0 mm											
32,0	**TH2.0032.D45.80.25.15 R/L**	R ASYY L ASYX	18,0	30,0	15,0	250,0	-	1,9	TH2 M4x12 T15F	T15F	TH2.15
32,0	**TH2.0032.D45.80.25.20 R/L**	R ASY0 L ASYZ	18,0	30,0	15,0	250,0	1,91	2,4	TH2 M4x12 T15F	T15F	TH2.20
32,0	**TH2.0032.D45.80.25.25 R/L**	R ASY2 L ASY1	18,0	30,0	15,0	250,0	2,41	2,9	TH2 M4x12 T15F	T15F	TH2.25
32,0	**TH2.0032.D45.80.25.30 R/L**	R ASY4 L ASY3	18,0	30,0	15,0	250,0	2,91	3,8	TH2 M4x12 T15F	T15F	TH2.30
32,0	**TH2.0032.D45.80.25.40 R/L**	R ASY6 L ASY5	18,0	30,0	15,0	250,0	3,81	4,9	TH2 M4x12 T15F	T15F	TH2.40

Sipariş örneği // Order example: **TH2.0020.D45.60.18.15 R** (R = Sağ model // Right hand version)

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In case of an order, we kindly ask you to send us a drawing of the workpiece.

TOA Modüler takım sistemi için kaset

ISO 26623'e göre tasarlanmış, TOA Takım tutucu üzerinde kullanım içindir.

Cassette for Modular Tool System TOA

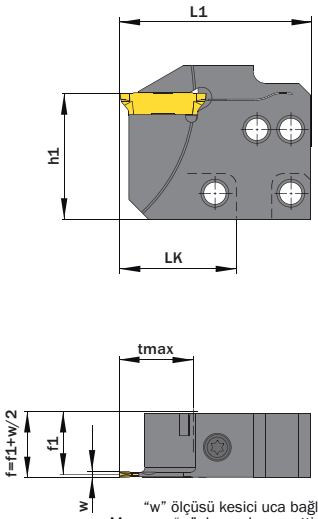
For use on SIMTEK base toolholder with polygon shank according to ISO 26623.

Sıkma torku (Vida) // Tightening torque (Screw)

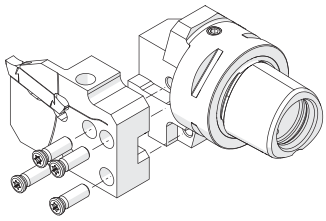
„TH2.15“: 1,5 Nm
„TH2.20“: 2,0 Nm
„TH2.25“: 2,5 Nm
„TH2.30“: 3,0 Nm
„TH2.40“: 3,0 Nm

TW ST | R | Referans Legend 26

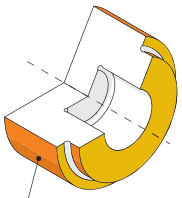
QR-Code Tara // Scan **www.simtek.info/cp/1233** Veya ziyaret edin // Or Visit



"w" ölçüsü kesici uca bağlıdır
Measure "w" depends on cutting insert



Kaset montaj vidaları
Screw for cassette mounting
T M5x15 T20R



Öncelikli kullanım alanı
Mainly designed for these surfaces
Uca bağlı olarak ekstra kullanım alanı
Also possible depending on insert type

Görseldeki çizim/Drawing shows: TOA.TH2.29.15 R

Ürün kodu Part number	Webcode www.simtek.com/webcode	b	f1	h1	L1	tmax	LK	w ≥	w ≤	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode	Adaptcode
		mm	mm	mm	mm	mm	mm	mm	mm				
TOA.TH2.29.15 R/L	R AZBV L AZBU	16,0	15,3	31,6	47,9	18,0	29,0	-	1,9	TH2 M5x16 T20T	T20T	TH2.15	TOA
TOA.TH2.29.20 R/L	R AZBX L AZBW	16,0	15,05	31,6	47,9	18,0	29,0	1,91	2,4	TH2 M5x16 T20T	T20T	TH2.20	TOA
TOA.TH2.29.25 R/L	R AZBZ L AZBY	16,0	14,8	31,6	47,9	18,0	29,0	2,41	2,9	TH2 M5x16 T20T	T20T	TH2.25	TOA
TOA.TH2.29.30 R/L	R AZB1 L AZB0	16,0	14,55	31,6	47,9	18,0	29,0	2,91	3,8	TH2 M5x16 T20T	T20T	TH2.30	TOA
TOA.TH2.29.40 R/L	R AZB3 L AZB2	16,0	14,5	31,6	47,9	18,0	29,0	3,81	5,0	TH2 M5x16 T20T	T20T	TH2.40	TOA

Sipariş örneği // Order example: **TOA.TH2.29.20 R** (R = Sağ model // Right hand version)

Kanal açma, Segman kanalları

DIN 471/472 ve DIN 983/984'e göre hazırlanmış segman kanalı uygulamaları için tasarlanmış kesici takım.

Grooving, Circlip Ring Grooves

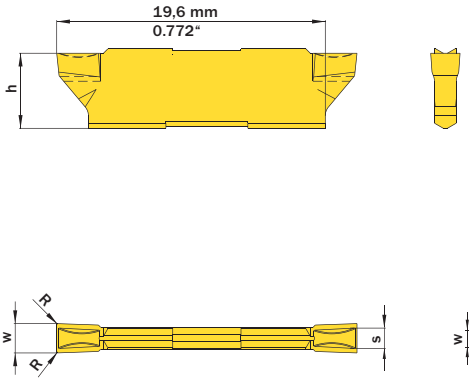
Circlip ring grooves compare DIN 471/472, and DIN 983/984.

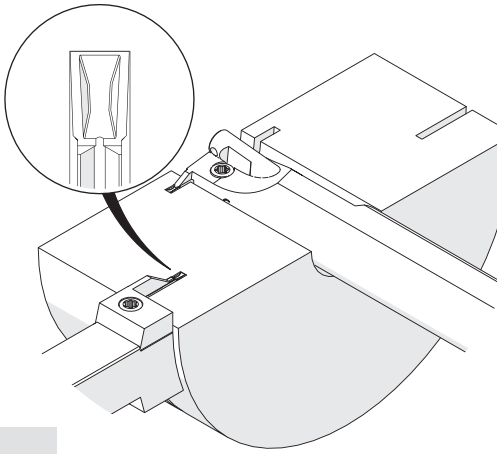
Kesme parametreleri // Cutting parameters (start)		
f (ext.) **0,1 mm/U**	f (int.) **0,08 mm/U**	Vc **Sayfa/Page 29**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

SP HM Referans Legend **26**

QR-Code Tara // Scan **www.simtek.info/cp/486** Veya ziyaret edin // Or Visit





w	tmax
> 1,24 mm / 0,049"	takım tutucusuna bağlıdır depends on toolholder

w	tmax
≤ 1,24 mm / 0,049"	1,3 mm / 0,051"

Nominal kanal genişliği Nominal width of groove	$w^{-0,05}$	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	h	R	S	Connectcode www.simtek.com/ccode
mm	mm			P K M N S	mm	mm	mm	
1,1	1,24	**TH2.110.000 GG**	ASF6	X800 X600	5,5	-	1,15	TH2.15
1,3	1,44	**TH2.130.000 GG**	AHV2	X800 X600	5,5	-	1,15	TH2.15
1,6	1,74	**TH2.160.010 GG**	AWMF	X800 X600	5,5	0,1	1,15	TH2.15
1,85	1,99	**TH2.185.010 GG**	AWMG	X800 X600	5,5	0,1	1,6	TH2.20
2,15	2,29	**TH2.215.015 GG**	AWMH	X800 X600	5,5	0,15	1,6	TH2.20
2,65	2,79	**TH2.265.015 GG**	AWMJ	X800 X600	5,5	0,15	2,1	TH2.25
3,15	3,29	**TH2.315.015 GG**	AWMK	X800 X600	5,5	0,15	2,6	TH2.30
4,15	4,29	**TH2.415.015 GG**	AWMM	X800 X600	5,5	0,15	3,5	TH2.40

▌Sipariş örneği // Order example: **TH2.110.000 GG X800** (X800 = Kesici kalitesi // Grade)

simtek individual | TH2. w, 1/100 mm, 3 Hane/Digits . R, 1/100 mm , 3 Hane/Digits Tolerans/Tolerance G

Örnek ürün kodu/Example Part number: **TH2.156.015 XNG**

Hafif alaşımlarda Kanal açma ve Profil tornalama

Hafif alaşımlardaki uygulamalar için özel kesme geometrili CNC profil tornalama kesici takımları.

Grooving and Profiling in light alloys

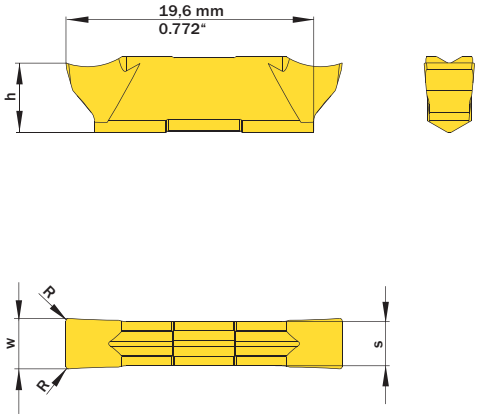
CNC profiling with special geometry for applications in light alloys.

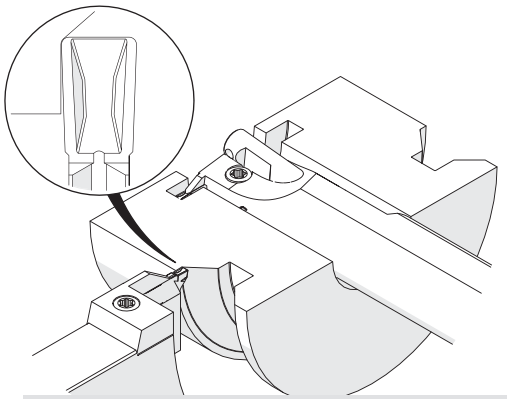
Kesme parametreleri // Cutting parameters (start)		
f (ext.) **0,1 mm/U**	f (int.) **0,08 mm/U**	Vc **Sayfa/Page 29**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

SP HM Referans Legend **26**

QR-Code Tara // Scan **www.simtek.info/cp/1179** Veya ziyaret edin // Or Visit





Resim, örnek bir uygulamayı göstermektedir
Image shows exemplary application possibility with similar tool.

Görseldeki çizim/Drawing shows: TH2.400.020 NC

w +0,03 mm	R mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice P K M N S	h mm	S mm	Connectcode www.simtek.com/ccode
▼ R = 0,05 mm							
1,5	0,05	**TH2.150.005 NC**	AWMC	X808 X408	5,5	1,15	TH2.15
2,0	0,05	**TH2.200.005 NC**	AZDH	X808 X408	5,5	1,6	TH2.20
2,5	0,05	**TH2.250.005 NC**	AZDJ	X808 X408	5,5	2,1	TH2.25
3,0	0,05	**TH2.300.005 NC**	AZDK	X808 X408	5,5	2,65	TH2.30
▼ R = 0,2 mm							
1,5	0,2	**TH2.150.020 NC**	AZDM	X808 X408	5,5	1,15	TH2.15
2,0	0,2	**TH2.200.020 NC**	A2HW	X808 X408	5,5	1,6	TH2.20
2,5	0,2	**TH2.250.020 NC**	AZDP	X808 X408	5,5	2,1	TH2.25
3,0	0,2	**TH2.300.020 NC**	AZDQ	X808 X408	5,5	2,65	TH2.30
3,5	0,2	**TH2.350.020 NC**	AZDS	X808 X408	5,5	2,65	TH2.30
4,0	0,2	**TH2.400.020 NC**	AZDT	X808 X408	5,5	3,5	TH2.40
▼ R = 0,4 mm							
3,0	0,4	**TH2.300.040 NC**	AZDU	X808 X408	5,5	2,65	TH2.30
3,5	0,4	**TH2.350.040 NC**	A1QU	X808 X408	5,5	2,65	TH2.30
4,0	0,4	**TH2.400.040 NC**	AZDW	X808 X408	5,5	3,5	TH2.40

▌Sipariş örneği // Order example: **TH2.150.005 NC HF25** (HF25 = Kesici kalitesi // Grade)

Kanal açma ve Profil tornalama

CNC profil tornalama uygulamaları için kesici takım.

Grooving and Profiling

CNC profiling.

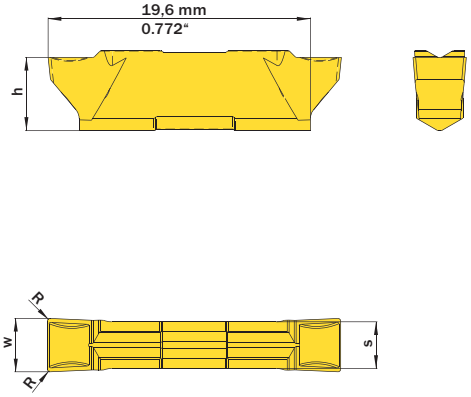
Kesme parametreleri // Cutting parameters (start)

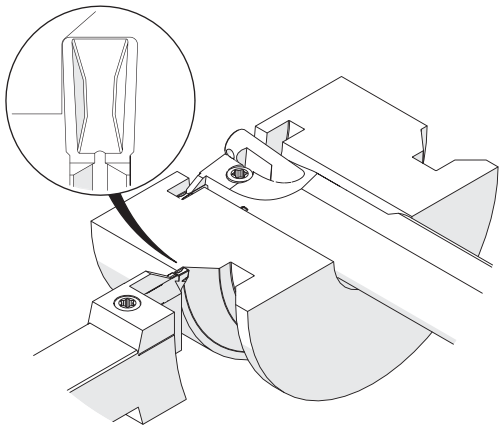
f (ext.)	f (int.)	Vc
0,1 mm/U	**0,08 mm/U**	**Sayfa/Page 29**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

SP HM Referans Legend **26**

QR-Code Tara // Scan **www.simtek.info/cp/483** Veya ziyaret edin // Or Visit





Görseldeki çizim/Drawing shows: TH2.400.020 NG

w +0,03 mm	R mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice P K M N S	h mm	S mm	Connectcode www.simtek.com/ccode
▼ R = 0,05 mm							
1,5	0,05	**TH2.150.005 NG**	AF26	X800 X600	5,5	1,15	TH2.15
2,0	0,05	**TH2.200.005 NG**	AHEM	X800 X600	5,5	1,6	TH2.20
2,5	0,05	**TH2.250.005 NG**	AKG3	X800 X600	5,5	2,1	TH2.25
3,0	0,05	**TH2.300.005 NG**	ACFA	X800 X600	5,5	2,65	TH2.30
▼ R = 0,2 mm							
1,5	0,2	**TH2.150.020 NG**	ADSK	X800 X600	5,5	1,15	TH2.15
2,0	0,2	**TH2.200.020 NG**	AEHZ	X800 X600	5,5	1,6	TH2.20
2,5	0,2	**TH2.250.020 NG**	APQW	X800 X600	5,5	2,1	TH2.25
3,0	0,2	**TH2.300.020 NG**	AFZM	X800 X600	5,5	2,65	TH2.30
3,2	0,2	**TH2.318.020 NG**	A5WQ	X800 X600	5,5	2,6	TH2.30
3,5	0,2	**TH2.350.020 NG**	ASY7	X800 X600	5,5	2,65	TH2.30
4,0	0,2	**TH2.400.020 NG**	AKDM	X800 X600	5,5	3,5	TH2.40
▼ R = 0,4 mm							
3,0	0,4	**TH2.300.040 NG**	AGVW	X800 X600	5,5	2,65	TH2.30
3,5	0,4	**TH2.350.040 NG**	ASY8	X800 X600	5,5	2,65	TH2.30
4,0	0,4	**TH2.400.040 NG**	ABAZ	X800 X600	5,5	3,5	TH2.40

Sipariş örneği // Order example: **TH2.350.020 NG X800** (X800 = Kesici kalitesi // Grade)

simtek individual | TH2. w, 1/100 mm, 3 Hane/Digits . R, 1/100 mm , 3 Hane/Digits Tolerans/Tolerance G

Örnek ürün kodu/Example Part number: **TH2.156.015 XNG**

Kanal açma ve Profil tornalama, Full radius

CNC profil tornalama uygulamaları için full radius kesici takım.

Grooving and Profiling, Full Radius

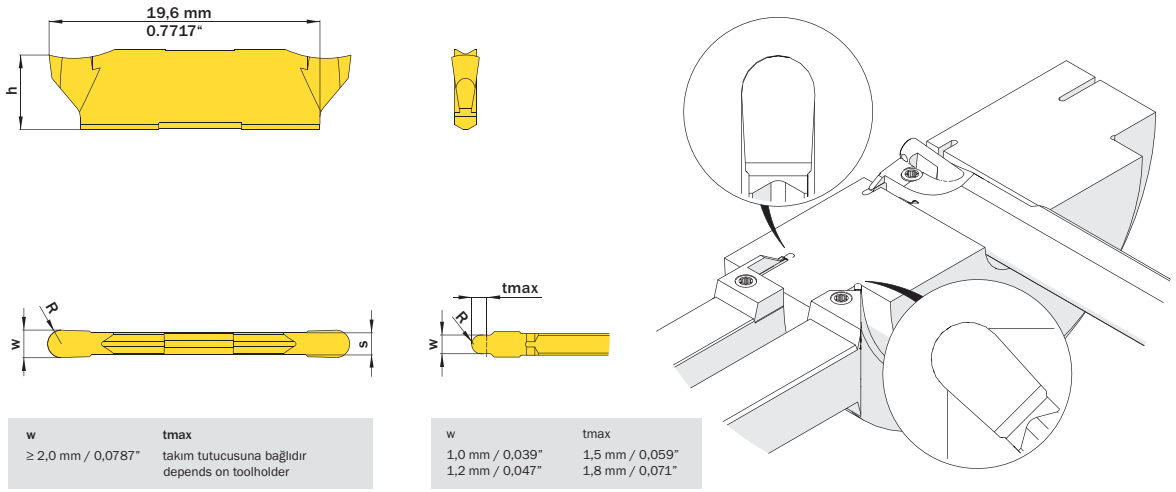
Full radius, CNC profiling.

Kesme parametreleri // Cutting parameters (start)		
f (ext.) **0,05 mm/U**	f (int.) **0,04 mm/U**	Vc **Sayfa/Page 29**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

SP HM Referans Legend **26**

QR-Code Tara // Scan **www.simtek.info/cp/485** Veya ziyaret edin // Or Visit



w	tmax
≥ 2,0 mm / 0,0787"	takım tutucusuna bağlıdır depends on toolholder

w	tmax
1,0 mm / 0,039" 1,2 mm / 0,047"	1,5 mm / 0,059" 1,8 mm / 0,071"

w +0,05 mm	R mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice P K M N S	h mm	S mm	Connectcode www.simtek.com/ccode
1,0	0,5	**TH2.100.050 VS**	ASZF	X800 X600	5,4	1,15	TH2.15
1,2	0,6	**TH2.120.060 VS**	ASZE	X800 X600	5,4	1,15	TH2.15
2,0	1,0	**TH2.200.100 VS**	ASZD	X800 X600	5,4	1,6	TH2.20
2,5	1,25	**TH2.250.125 VS**	ASZC	X800 X600	5,4	2,1	TH2.25
3,0	1,5	**TH2.300.150 VS**	ASZB	X800 X600	5,4	2,65	TH2.30
4,0	2,0	**TH2.400.200 VS**	ASZA	X800 X600	5,4	3,5	TH2.40
5,0	2,5	**TH2.500.250 VS**	ASY9	X800 X600	5,4	3,5	TH2.40

Sipariş örneği // Order example: **TH2.200.100 VS X800** (X800 = Kesici kalitesi // Grade)

Kesme

Farklı açı ve kesme genişliklerinde kesici takımlar mevcuttur.

Parting Off

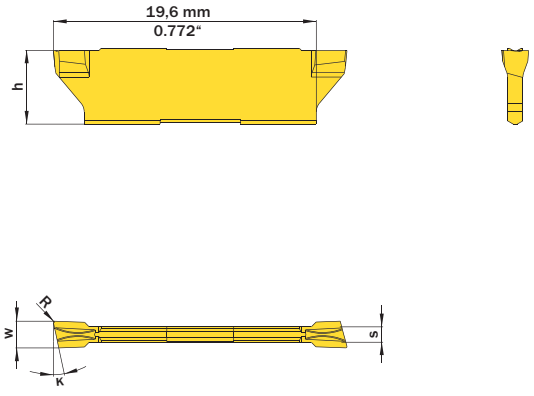
Available in different angles and widths.

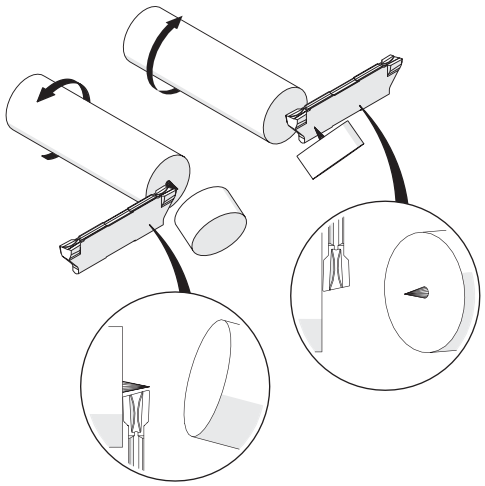
Kesme parametreleri // Cutting parameters (start)		
f (ext.) **0,1 mm/U**	f (int.) **0,08 mm/U**	Vc **Sayfa/Page 29**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

SP HM Referans Legend **26**

QR-Code Tara // Scan **www.simtek.info/cp/735** Veya ziyaret edin // Or Visit





Görseldeki çizim/Drawing shows: TH2.R200.12 PG

w -0,05 mm	R mm	κ	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice P K M N S	h mm	S mm	Connectcode www.simtek.com/ccode
▼ w = 1,5 mm								
1,5	0,1	6°	**TH2.R150.06 PG**	A2T4	X800 X600	5,5	1,15	TH2.15
▼ w = 2,0 mm								
2,0	0,1	6°	**TH2.R200.06 PG**	ATPG	X800 X600	5,5	1,6	TH2.20
2,0	0,1	12°	**TH2.R200.12 PG**	ATPJ	X800 X600	5,5	1,6	TH2.20
▼ w = 2,5 mm								
2,5	0,1	6°	**TH2.R250.06 PG**	ATPM	X800 X600	5,5	2,1	TH2.25
2,5	0,1	12°	**TH2.R250.12 PG**	ATPP	X800 X600	5,5	2,1	TH2.25
▼ w = 3,0 mm								
3,0	0,1	6°	**TH2.R300.06 PG**	ATPS	X800 X600	5,5	2,64	TH2.30
3,0	0,1	12°	**TH2.R300.12 PG**	ATPU	X800 X600	5,5	2,64	TH2.30

Sipariş örneği // Order example: **TH2.R200.06 PG X800** (X800 = Kesici kalitesi // Grade)

Kesme

Farklı açı ve kesme genişliklerinde kesici takımlar mevcuttur.

Parting Off

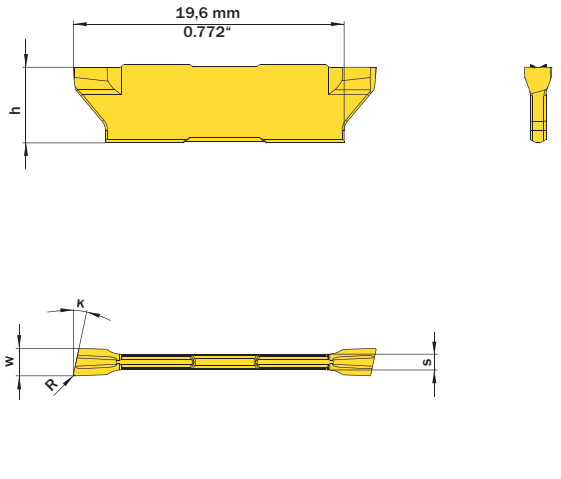
Available in different angles and widths.

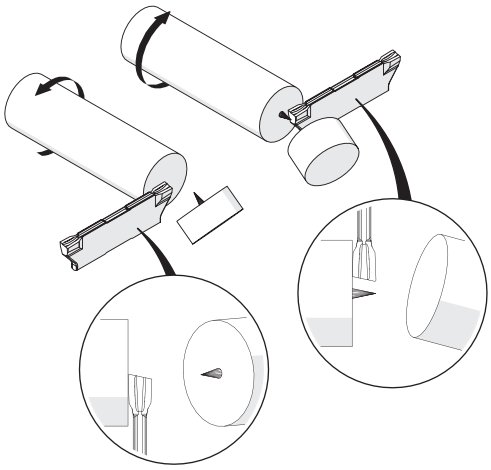
Kesme parametreleri // Cutting parameters (start)		
f (ext.) **0,1 mm/U**	f (int.) **0,08 mm/U**	Vc **Sayfa/Page 29**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page
6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

SP HM Referans Legend **26**

QR-Code Tara // Scan **www.simtek.info/cp/725** Veya ziyaret edin // Or Visit





Görseldeki çizim/Drawing shows: TH2.L200.12 PG

w -0,05 mm	R mm	κ	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice P K M N S	h mm	S mm	Connectcode www.simtek.com/ccode
▼ w = 1,5 mm								
1,5	0,1	6°	**TH2.L150.06 PG**	A2V0	X800 X600	5,5	1,15	TH2.15
▼ w = 2,0 mm								
2,0	0,1	6°	**TH2.L200.06 PG**	ATPH	X800 X600	5,5	1,6	TH2.20
2,0	0,1	12°	**TH2.L200.12 PG**	ATPK	X800 X600	5,5	1,6	TH2.20
▼ w = 2,5 mm								
2,5	0,1	6°	**TH2.L250.06 PG**	ATPN	X800 X600	5,5	2,1	TH2.25
2,5	0,1	12°	**TH2.L250.12 PG**	ATPQ	X800 X600	5,5	2,1	TH2.25
▼ w = 3,0 mm								
3,0	0,1	6°	**TH2.L300.06 PG**	ATPT	X800 X600	5,5	2,64	TH2.30
3,0	0,1	12°	**TH2.L300.12 PG**	ATPV	X800 X600	5,5	2,64	TH2.30

Sipariş örneği // Order example: **TH2.L200.12 PG X800** (X800 = Kesici kalitesi // Grade)

Bilgi // Info

Referans
Legend

SP HM **Karbür uç // Carbide insert**

TW ST **Çelik takım tutucu // Steel toolholder**

R **Sağ yön versiyonu gösterilmiştir, sol yön versiyonu ters // Right hand version shown, left hand version inversely**

Soğutma sıvısı // Through coolant

simturn H2 ürün listesi
simturn H2 Product list

Ürün kodu // Part Nr.	S/P
TH2.0.500.S.A13.12.15 L	11
TH2.0.500.S.A13.12.15 R	11
TH2.0.500.S.A13.12.20 L	11
TH2.0.500.S.A13.12.20 R	11
TH2.0.500.S.A13.12.25 L	11
TH2.0.500.S.A13.12.25 R	11
TH2.0.500.S.A13.12.30 L	11
TH2.0.500.S.A13.12.30 R	11
TH2.0.500.S.A13.12.40 L	11
TH2.0.500.S.A13.12.40 R	11
TH2.0.625.S.B18.12.15 L	12
TH2.0.625.S.B18.12.15 R	12
TH2.0.625.S.B18.12.20 L	12
TH2.0.625.S.B18.12.20 R	12
TH2.0.625.S.B18.12.25 L	12
TH2.0.625.S.B18.12.25 R	12
TH2.0.625.S.B18.12.30 L	12
TH2.0.625.S.B18.12.30 R	12
TH2.0.625.S.B18.12.40 L	12
TH2.0.625.S.B18.12.40 R	12
TH2.0.750.A25.48.12.15 L	6
TH2.0.750.A25.48.12.15 R	6
TH2.0.750.A25.48.12.20 L	6
TH2.0.750.A25.48.12.20 R	6
TH2.0.750.A25.48.12.25 L	6
TH2.0.750.A25.48.12.25 R	6
TH2.0.750.A25.48.12.30 L	6
TH2.0.750.A25.48.12.30 R	6
TH2.0.750.A25.48.12.40 L	6
TH2.0.750.A25.48.12.40 R	6
TH2.0.750.S.B18.12.15 L	12
TH2.0.750.S.B18.12.15 R	12
TH2.0.750.S.B18.12.20 L	12
TH2.0.750.S.B18.12.20 R	12
TH2.0.750.S.B18.12.25 L	12
TH2.0.750.S.B18.12.25 R	12
TH2.0.750.S.B18.12.30 L	12
TH2.0.750.S.B18.12.30 R	12
TH2.0.750.S.B18.12.40 L	12
TH2.0.750.S.B18.12.40 R	12
TH2.0.750.S.C10.12.15 L	14
TH2.0.750.S.C10.12.15 R	14
TH2.0.750.S.C10.12.20 L	14
TH2.0.750.S.C10.12.20 R	14
TH2.0.750.S.C10.12.25 L	14
TH2.0.750.S.C10.12.25 R	14
TH2.0.750.S.C10.12.30 L	14
TH2.0.750.S.C10.12.30 R	14
TH2.0.750.S.C10.12.40 L	14
TH2.0.750.S.C10.12.40 R	14
TH2.0.750.S.D45.12.15 L	16
TH2.0.750.S.D45.12.15 R	16
TH2.0.750.S.D45.12.20 L	16
TH2.0.750.S.D45.12.20 R	16
TH2.0.750.S.D45.12.25 L	16
TH2.0.750.S.D45.12.25 R	16
TH2.0.750.S.D45.12.30 L	16
TH2.0.750.S.D45.12.30 R	16
TH2.0.750.S.D45.12.40 L	16
TH2.0.750.S.D45.12.40 R	16
TH2.0020.A25.48.11.15 L	6
TH2.0020.A25.48.11.15 R	6
TH2.0020.A25.48.11.20 L	6
TH2.0020.A25.48.11.20 R	6
TH2.0020.A25.48.11.25 L	6
TH2.0020.A25.48.11.25 R	6
TH2.0020.A25.48.11.30 L	6
TH2.0020.A25.48.11.30 R	6
TH2.0020.A25.48.11.40 L	6
TH2.0020.A25.48.11.40 R	6
TH2.0020.B25.48.11.15 L	8
TH2.0020.B25.48.11.15 R	8
TH2.0020.B25.48.11.20 L	8
TH2.0020.B25.48.11.20 R	8
TH2.0020.B25.48.11.25 L	8
TH2.0020.B25.48.11.25 R	8
TH2.0020.B25.48.11.30 L	8
TH2.0020.B25.48.11.30 R	8
TH2.0020.B25.48.11.40 L	8
TH2.0020.B25.48.11.40 R	8
TH2.0020.D45.60.18.15 L	18
TH2.0020.D45.60.18.15 R	18
TH2.0020.D45.60.18.20 L	18
TH2.0020.D45.60.18.20 R	18
TH2.0020.D45.60.18.25 L	18
TH2.0020.D45.60.18.25 R	18
TH2.0020.D45.60.18.30 L	18
TH2.0020.D45.60.18.30 R	18
TH2.0020.D45.60.18.40 L	18
TH2.0020.D45.60.18.40 R	18
TH2.0025.A25.48.12.15 L	6
TH2.0025.A25.48.12.15 R	6
TH2.0025.A25.48.12.20 L	6
TH2.0025.A25.48.12.20 R	6
TH2.0025.A25.48.12.25 L	6
TH2.0025.A25.48.12.25 R	6
TH2.0025.A25.48.12.30 L	6
TH2.0025.A25.48.12.30 R	6
TH2.0025.A25.48.12.40 L	6
TH2.0025.A25.48.12.40 R	6
TH2.0025.A31.61.12.15 L	7
TH2.0025.A31.61.12.15 R	7
TH2.0025.A31.61.12.20 L	7
TH2.0025.A31.61.12.20 R	7
TH2.0025.A31.61.12.25 L	7
TH2.0025.A31.61.12.25 R	7
TH2.0025.A31.61.12.30 L	7
TH2.0025.A31.61.12.30 R	7
TH2.0025.A31.61.12.40 L	7
TH2.0025.A31.61.12.40 R	7
TH2.0025.B25.48.12.15 L	8
TH2.0025.B25.48.12.15 R	8
TH2.0025.B25.48.12.20 L	8
TH2.0025.B25.48.12.20 R	8
TH2.0025.B25.48.12.25 L	8
TH2.0025.B25.48.12.25 R	8
TH2.0025.B25.48.12.30 L	8
TH2.0025.B25.48.12.30 R	8
TH2.0025.B25.48.12.40 L	8
TH2.0025.B25.48.12.40 R	8
TH2.0025.B31.61.12.15 L	9
TH2.0025.B31.61.12.15 R	9
TH2.0025.B31.61.12.20 L	9
TH2.0025.B31.61.12.20 R	9
TH2.0025.B31.61.12.25 L	9
TH2.0025.B31.61.12.25 R	9
TH2.0025.B31.61.12.30 L	9
TH2.0025.B31.61.12.30 R	9
TH2.0025.B31.61.12.40 L	9
TH2.0025.B31.61.12.40 R	9
TH2.0032.A31.61.12.15 L	7
TH2.0032.A31.61.12.15 R	7
TH2.0032.A31.61.12.20 L	7
TH2.0032.A31.61.12.20 R	7
TH2.0032.A31.61.12.25 L	7
TH2.0032.A31.61.12.25 R	7
TH2.0032.A31.61.12.30 L	7
TH2.0032.A31.61.12.30 R	7
TH2.0032.A31.61.12.40 L	7
TH2.0032.A31.61.12.40 R	7
TH2.0032.B31.61.12.15 L	9
TH2.0032.B31.61.12.15 R	9
TH2.0032.B31.61.12.20 L	9
TH2.0032.B31.61.12.20 R	9
TH2.0032.B31.61.12.25 L	9
TH2.0032.B31.61.12.25 R	9
TH2.0032.B31.61.12.30 L	9
TH2.0032.B31.61.12.30 R	9
TH2.0032.B31.61.12.40 L	9
TH2.0032.B31.61.12.40 R	9
TH2.0032.D45.80.25.15 L	18
TH2.0032.D45.80.25.15 R	18
TH2.0032.D45.80.25.20 L	18
TH2.0032.D45.80.25.20 R	18
TH2.0032.D45.80.25.25 L	18
TH2.0032.D45.80.25.25 R	18
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Kesme hızı parametreleri hakkında genel bilgi
Information About The Cutting Parameters

Kesme hızı önerisi sayfası
Cutting speed recommendation as of page **30**

Kesme hızı parametreleri ve önerileri hakkında genel bilgi
General information about the cutting parameters recommendations

Kesme hızı ve ilerleme hızları için verilen kesme parametreleri başlangıç değerleri içindir ve standart uygulama koşulları için tavsiye edilir.
En iyi kesme hızı parametreleri, çok çeşitli işleme,iş parçası takım ve genel makina durumuna bağlı olup, verilen başlangıç değerlerinin altında ve üstünde olabilir.

The given cutting parameters for speed and feed rates are meant as initial start values and are estimated for standard application conditions.
The best parameters depend on a wide variety of machine, workpiece and tool related conditions, for example the general machine condition, and can be above or below the given start values.

Örnek etki faktörleri ve bunların kesme hızı parametreleri üzerindeki etkisi
Example factors of influence and their effect on the cutting parameters

Değerleri azaltın // Reduce values	Değerleri arttırın // Increase values
Zor işleme ve sıkma koşulları Difficult machine and clamping conditions	Katı işleme ve sıkma koşulları Solid machine and clamping conditions
İşlenmesi zor malzemeler Difficult to machine materials	İşlenmesi kolay malzemeler Easy to machine materials
Uzun takım erişimi(L2) Long tool reach (L2)	Kısa takım erişimi(L2) Small tool reach (L2)
Talaş formu geometrisi yok No chip form geometry	Talaş formu geometrili With chip form geometry

Kesici kalitesinin malzeme sertliğine göre uygunluğu
Suitability of cutting grades in relation to work piece hardness

Kesici kalitesi // Grade	Yaklaşık olarak önerilen // Recommended up to approx.
X8*	HRC52
*T90 / *T91	HRC62
CBN	HRC65 (Uygulamaya bağlı // Depending on application)

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Kesme hızı önerisi
Cutting Speed Recommendation

ISO-Grup *ISO-Group*	Önerilen kesici kalitesi (2) *Recommended Cutting Grade*	Malzeme bilgisi *Work piece material*	Alt grup *Sub-group*	Alternatif kesici kalitesi *Alternative cutting grade*	Vc m/min (Start)
P	X800 X802 X804 X808	Çelik, alaşımsız *Steel, unalloyed*	≤ 0,15 % C	X400 / X600	210
			0,15 - 0,4 % C	X400 / X600	190
			≥ 0,4 % C	X400 / X600	180
		Çelik, düşük alaşımlı (alaşım elementleri ≤% 5) *Steel, low alloyed (alloying elements ≤ 5%)*	Sertleştirilmemiş *Non-hardened*	X400 / X600	170
			Sertleştirilmiş *Hardened*	X400 / X600	100
		Çelik, yüksek alaşımlı (alaşım elementleri > % 5) *Steel, high alloyed (Alloying elements > 5%)*	Tavlanmış *Annealed*	X400 / X600	110
			Sertleştirilmiş *Hardened*	X400 / X600	90
		Döküm *Castings*	Alaşımsız *Unalloyed*	X400 / X600	150
			Düşük alaşımlı (alaşım elementleri ≤% 5) *Low alloyed (Alloying elements ≤ 5%)*	X400 / X600	120
			Yüksek alaşımlı (alaşım elementleri > % 5) *High alloyed (Alloying elements > 5%)*	X400 / X600	90
M	X400 / X600 X402 / X602 X404 / X604 X408 / X608	Paslanmaz çelik Ferritik / Martensitik *Stainless Steel Ferritic/Martensitic*	Sertleştirilmemiş *Non-hardened*	*T41	150
			PH sertleştirilmiş *PH-hardened*	*T41	110
			Sertleştirilmiş *Hardened*	*T41	110
		Paslanmaz çelik Östenitik *Stainless Steel Austenitic*	Östenitik *Austenitic*	*T41	140
			PH sertleştirilmiş *PH-hardened*	*T41	100
			Süper östenitik *Super Austenitic*	*T41	110
		Paslanmaz çelik Östenitik-Ferritik (iki katlı) *Stainless Steel Austenitic-ferritic (Duplex)*	Kaynaklanamaz ≥% 0,05 C *Non-weldable ≥ 0,05 % C*	*T41	120
			Kaynaklanabilir <% 0,05 C *Weldable < 0,05 % C*	*T41	100
		Paslanmaz Çelik (Döküm) Ferritik / Martensitik *Stainless Steel (Cast) Ferritic/martensitic*	Sertleştirilmemiş *Non-hardened*	*T41	130
			PH sertleştirilmiş *PH-hardened*	*T41	90
			Sertleştirilmiş *Hardened*	*T41	100
		Paslanmaz Çelik (Döküm) Östentitik *Stainless Steel (Cast) Austenitic*	Östenitik *Austenitic*	*T41	130
			PH sertleştirilmiş *PH-hardened*	*T41	90
		Paslanmaz Çelik (Döküm) Östenitik-Ferritik(iki katlı) *Stainless Steel (Cast) Austenitic-ferritic (Duplex)*	Kaynaklanamaz ≥% 0,05 C *Non-weldable ≥ 0,05 % C*	*T41	110
			Kaynaklanabilir <% 0,05 C *Weldable < 0,05 % C*	*T41	90

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Kesme hızı önerisi
Cutting Speed Recommendation

ISO-Grup *ISO-Group*	Önerilen kesici kalitesi (2) *Recommended Cutting Grade*	Malzeme bilgisi *Work piece material*	Alt grup *Sub-group*	Alternatif kesici kalitesi *Alternative cutting grade*	Vc m/min (Start)
K	X800 X802 X804 X808	Dövülebilir *Malleable*	Ferritik (kısa talaşlı) *Ferritic (short chipping)*	*T57	180
			Perlitli (uzun talaşlı) *Pearlitic (long chipping)*	*T57	150
		Gri dökme demir *Grey Cast Iron*	Düşük gerilme mukavemeti *Low tensile strength*	*T57	200
			Yüksek gerilme mukavemeti *High tensile strength*	*T57	150
		Küresel grafitli dökme demir *Spheroidal Graphite cast iron*	Ferritik *Ferritic*	*T57	120
			Perlitli *Pearlitic*	*T57	110
			Martensitik *Martensitic*	*T57	110
N	X400 / X600 X402 / X602 X404 / X604 X408 / X608	Alüminyum alaşımları, Dövme *Aluminium alloys, Whrought*	Sertleştirilemez *Can not be hardened*	*F25	590
			Sertleştirilebilir, sertleştirilmiş *Can be hardened, hardened*	*F25	530
		Alüminyum alaşımları, Döküm *Aluminium alloys, Cast*	Sertleştirilemez *Can not be hardened*	*F25	590
			Sertleştirilebilir, sertleştirilmiş *Can be hardened, hardened*	*F25	530
		Alüminyum alaşımları, Döküm *Aluminium alloys, Cast*	< 5 % Si	*F25	240
			5 - 12 % Si	*X17	240
			> 12 % Si	PKD[1]	180
		Bakır ve Bakır alaşımları *Copper and Copper Alloys*	Serbest Kesme Alaşımları, ≥1% Pb *Free Cutting Alloys, ≥1 % Pb*	*F25	290
			Pirinç, kurşunlu bronzlar, ≤% 1 Pb *Brass, leaded bronzes, ≤ 1 % Pb*	*F25	290
			Bronz, elektrolitik bakır dahil kurşunsuz bakır *Bronze, lead-free copper incl. electrolytic copper*	*F25	210

Kesme hızı önerisi
Cutting Speed Recommendation

ISO-Grup *ISO-Group*	Önerilen kesici kalitesi (2) *Recommended Cutting Grade*	Malzeme bilgisi *Work piece material*	Alt grup *Sub-group*	Alternatif kesici kalitesi *Alternative cutting grade*	Vc m/min (Start)
S	X400 / X600 X402 / X602 X404 / X604 X408 / X608	Isıya dayanıklı süper alaşımlar, Fe-bazlı *Heat-resistant super alloys, Fe-based*	Tavlı veya çözelti işlemine tabi tutulmuş *Annealed or solution treated*	*X79	40
			Eskitilmiş veya çözelti işlemine tabi tutularak eskitilmiş *Aged or solution treated and aged*	*X79	30
		Isıya dayanıklı süper alaşımlar Ni-bazlı *Heat-resistant super alloys Ni-based*	Tavlı veya çözelti işlemine tabi tutulmuş *Annealed or solution treated*	*X79	40
			Eskitilmiş veya çözelti işlemine tabi tutularak eskitilmiş *Aged or solution treated and aged*	*X79	20
			Döküm veya döküm ve eskitilmiş *Cast or Cast and aged*	*X79	30
		Isıya dayanıklı süper alaşımlar Co-bazlı *Heat-resistant super alloys Co-based*	Tavlı veya çözelti işlemine tabi tutulmuş *Annealed or solution treated*	*X79	10
			Çözelti işlemine tabi tutulmuş ve eskitilmiş *Solution treated and aged*	*X79	10
			Döküm veya döküm ve eskitilmiş *Cast or Cast and aged*	*X79	10
		Titanyum alaşımları *Titanium Alloys*	Ticari saflıkta(99,5 % Ti) *Commercial pure (99,5 % Ti)*	*X79	80
			α, yakın α ve α + β alaşımlar, tavlanmış *α, near α and α + β alloys, annealed*	*X79	40
			α+β eskitilmiş koşullarda alaşımlar ve β alaşımları. Tavlanmış veya eskitilmiş *α+β Alloys in aged conditions as well as β alloys. Annealed or aged*	*X79	40
H	CBN[1]	Sertleştirilmiş çelik *Hardened steel*		*T91	50
		Soğutulmuş dökme demir, döküm veya döküm ve eskitilmiş *Chilled cast iron, cast or cast and aged*		*T91	90

1) En iyi sonuçlar için, burada özel bir kesme kenarı geometrisi önerilir.
Lütfen teknik desteğimizle iletişime geçin: +90 266 376 11 61 veya sales.tr@simtek.com

For best results, a special cutting edge geometry is recommended here.
Please contact our tecnical support +90 266 376 11 61 or sales.tr@simtek.com

(2) Öneri, seçilen kesici uçlara bağlıdır. Lütfen kesici ucun katalog sayfasındaki bizim tavsiyemiz alanına bakın.

Recommendation depends on the chosen cutting inserts. Please look at the cutting grade recommendations on the catalog page of the cutting insert.

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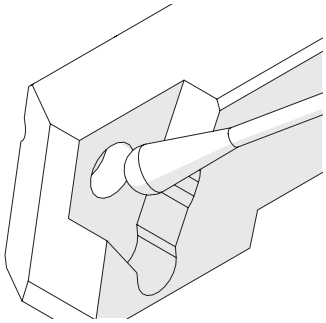
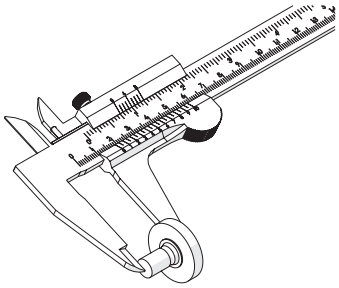
Genel kullanım talimatları
General Instructions For Use



Lütfen takmadan ve kullanmadan önce uç yuvasını iyice temizleyin
Please clean insert seat well before mounting and use



Lütfen iş parçalarınızı sık sık kontrol edin
Please control your work pieces frequently

Takım ön ayar ve ölçüm cihazlarının kullanılmasını öneririz
We recommend the use of tool presetting and measuring devices

Tools for highest expectations
En Yüksek Talepler için Makine Takımları
SİMTEK