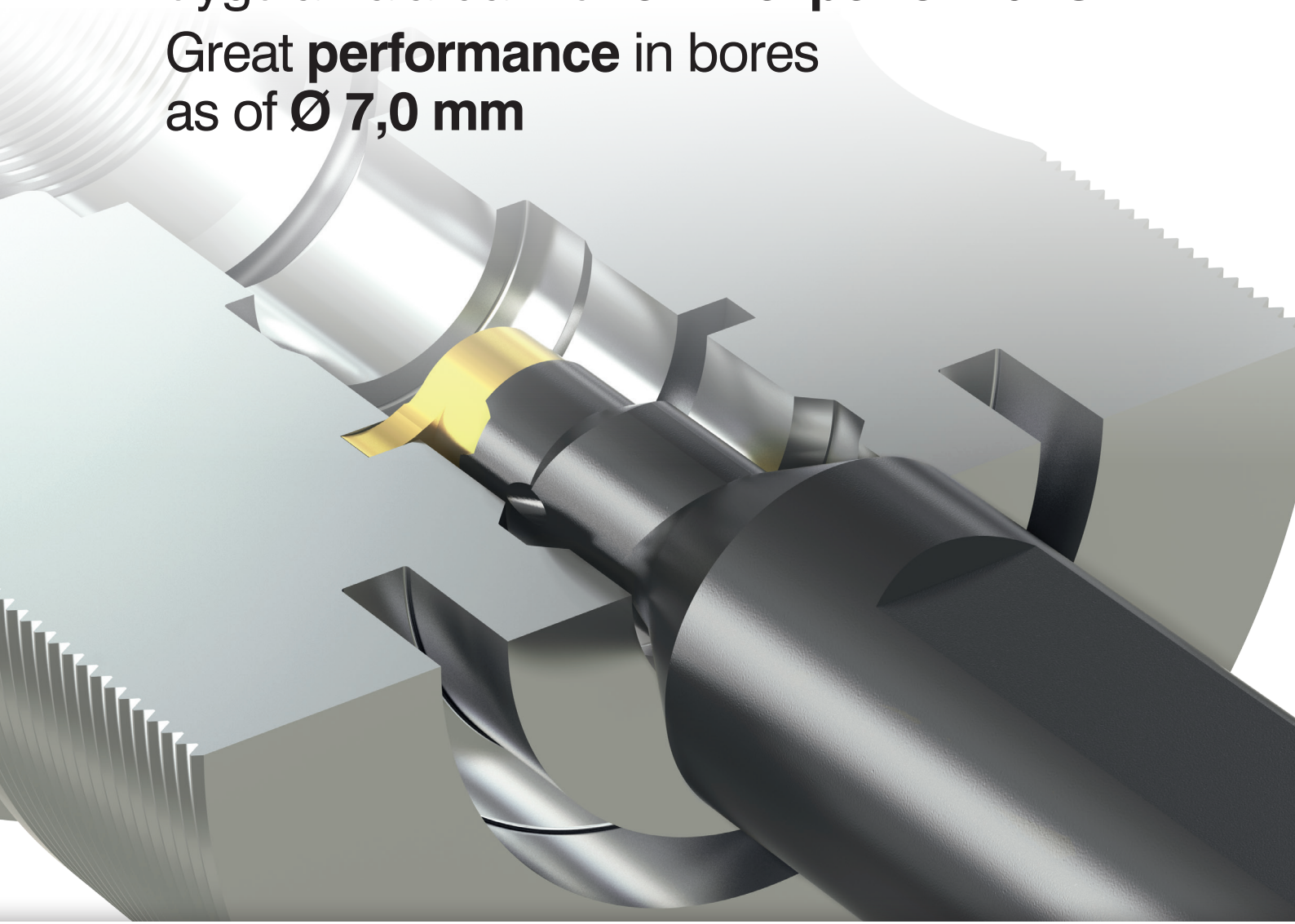


Ø 7,0 mm'den başlayan iç çap uygulamalarda **mükemmel performans**

Great **performance** in bores as of Ø 7,0 mm





En Yüksek  
Talepler için  
Makine Takımları

## İletişim // Contact

Simtek İth. İhr. San. ve Tic. Ltd. Şti.  
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TR- 10300 Edremit / Balıkesir

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**E-posta** sales.tr@simtek.com  
**Web** www.simtek.com/turkiye

Takım sistemine genel bakış  
The Tool System Overview

# Ø 7,0 mm'den başlayan iç çap uygulamalarda mükemmel performans

## Great performance in bores as of Ø 7,0 mm

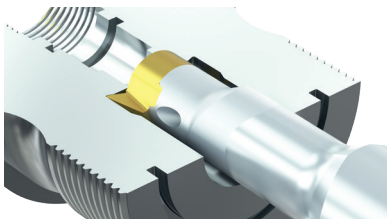
### Uygulama Seçimi Choice of Applications

Tornalama · Kopyalama · Pah Kırma · Geri Tornalama · Kanal Açma · Ön Kesme · Diş Çekme · Alın Kanal Açma  
Boring · Copying · Chamfering · Back Boring · Grooving · Pre-Part-Off · Threading · Face Grooving

7.sayfadan itibaren tüm uygulamalara genel bakış  
Overview of all applications as of page 7

### Ana Uygulamalar // Main Applications

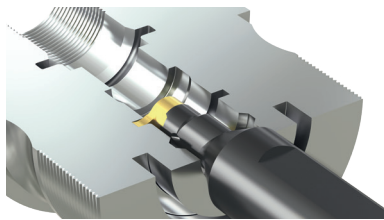
#### Tornalama // Boring



Ø 7,0 mm'den itibaren tornalama uygulamaları. Farklı geometrilerin yanı sıra sertleştirilmiş malzemeler için CBN kaliteleri ile tornalama uygulamaları mevcuttur.

Boring applications as of bore diameter Ø 7,0 mm. Available with special chip former as well as with CBN-grades for hard part turning.

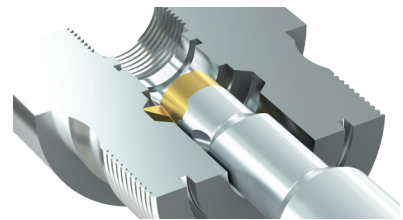
#### Kanal Açma // Grooving



Ø 7,0 mm'den itibaren Kanal ve segman kanalı açma uygulamaları. Farklı kesme kenarı genişlikleri, kullanılabilir uzunluk ve takımlarımız mevcuttur.

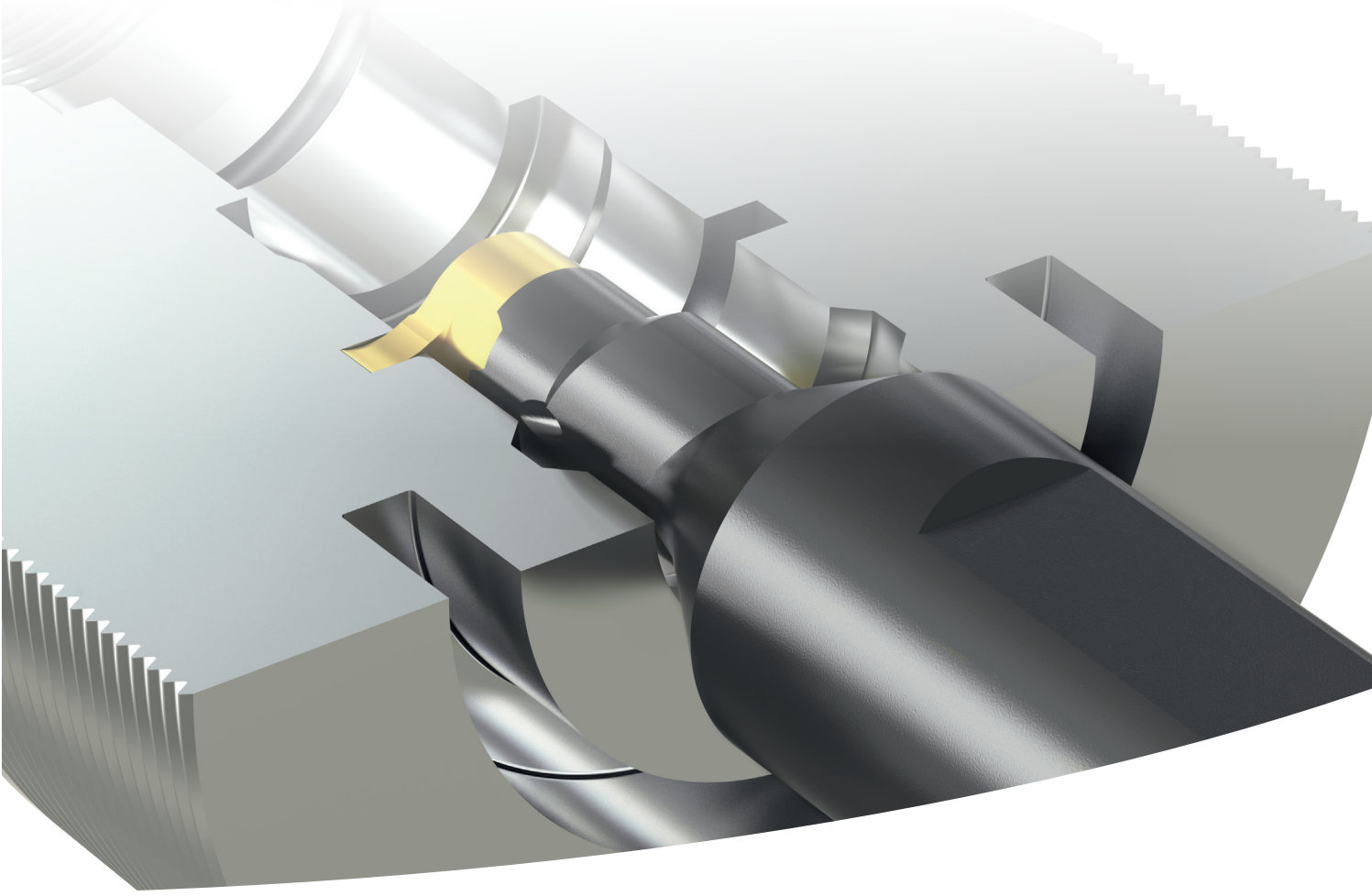
Wide range of tools for general grooving as well as for circlip ring grooving. Great variety in different tools sizes and cutting edge widths.

#### Kopyalama // Copying

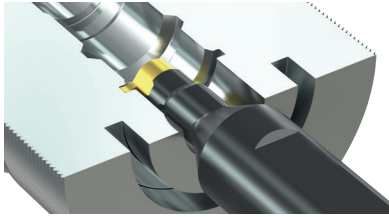


Ø 7,0 mm ile Ø 24,0 mm arasındaki deliklerde kopyalama ve profil tornalama için en uygun şekilde tasarlanmış takımlardır. simturn DX grubunun tüm boyutlarında takımlar mevcuttur.

Optimally designed tools for copying and profiling in bores between Ø 7,0 mm and Ø 24,0 mm. Available in all sizes of the system simturn DX.



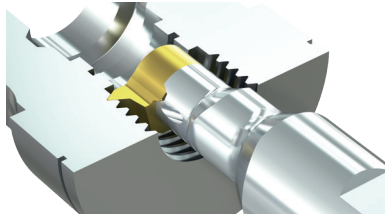
### Kanal ve profil tornalama // Grooving and Profiling



Kanal ve profil tornalama için tasarlanmış takımlardır. Karmaşık bir kanalın işlenmesinin yanı sıra, kanal yanları aynı takım ile tormalanabilir.

Tools for grooving and profiling. Besides the machining of a complex groove, the groove flanks can be profiled with the same tool.

### Vida tornalama // Threading



Yaygın vida modellerinin işlenmesi için simturn DX uçları. Farklı vida ve adımların imalatı için, çok sayıda standart ve inç modellerimiz mevcuttur.

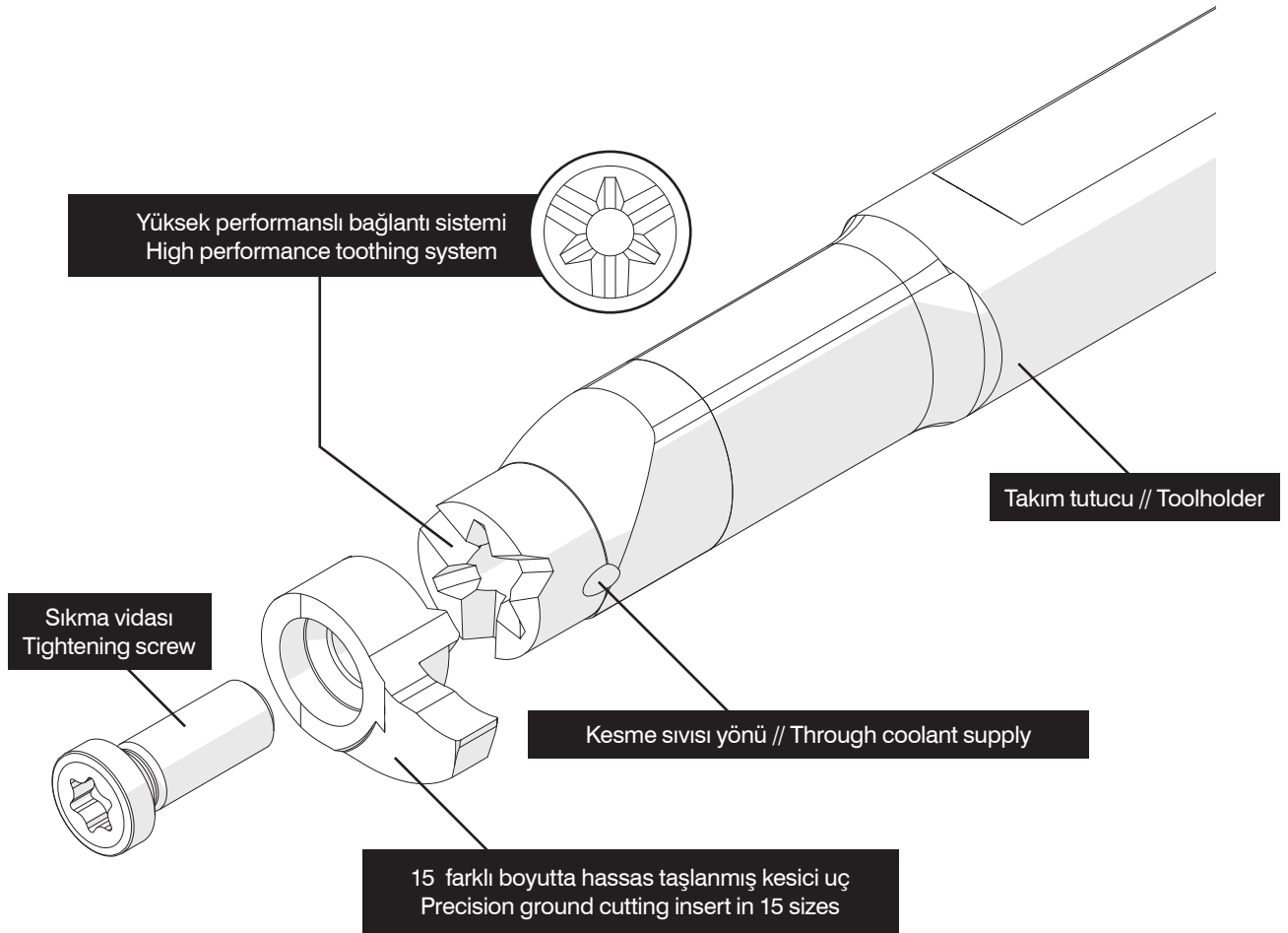
simturn DX inserts for the machining of all major internal thread types. Different pitches, threads/inch and sizes available.



## Sistem Detayları // The System Details

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

75



Tutucuya alından vida ile sabitlenen karbür kesici uçlar. Ø 7,0 - 24,0 mm arasındaki deliklerde mükemmel sonuçlar için 15 farklı boyutta karbür uçlarımız mevcuttur.

Titreşim önleyici karbür ve çelik tutucular, çeşitli uygulamalar için kullanılabilir.







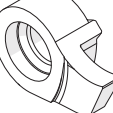

2000'den fazla standart ürün hemen hemen her iç tornalama uygulamaları için doğru çözümü sunar.

Wide range of carbide cutting inserts, fixed with a screw on the toolholder front side. Available in 15 different sizes, for best results in bores between Ø 7,0 mm and Ø 24,0 mm.

Anti-vibration carbide and steel toolholders are available for a variety of applications.

More than 2.000 standard items provide the right answer for almost every internal turning application.

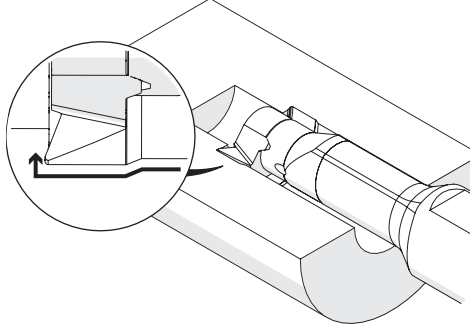
Kesici uç boyut karşılaştırmaları  
Comparison of Cutting Insert Sizes

D07...07		D07...08		D08		D09...09	
							
<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>
mm	mm	mm	mm	mm	mm	mm	mm
7,0	1,0	7,8	2,0	7,8	1,0	9,0	1,8
D09...10		D10...10		D10...11		D11	
							
<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>
mm	mm	mm	mm	mm	mm	mm	mm
10,0	2,8	10,0	1,8	11,0	2,8	11,0	2,3
D10...12		D14		D16		D14...16	
							
<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>
mm	mm	mm	mm	mm	mm	mm	mm
12,0	3,4	14,0	4,0	16,0	4,3	16,0	5,5
D14...17		D18...18		D18...20			
							
<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>	<b>Ø Dmin</b>	<b>tmax</b>		
mm	mm	mm	mm	mm	mm		
17,0	6,5	18,0	6,0	20,0	8,0		

## Standart uygulamalar Standard Applications

Sayfa itibarı ile  
As of page

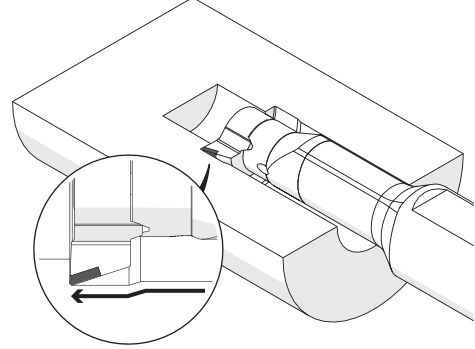
26



Tornalama  
Boring

Sayfa  
Page

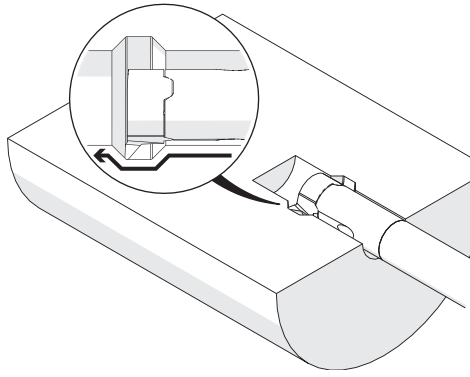
28



Sert parça tornalama  
Boring, Hard Part Turning

Sayfa  
Page

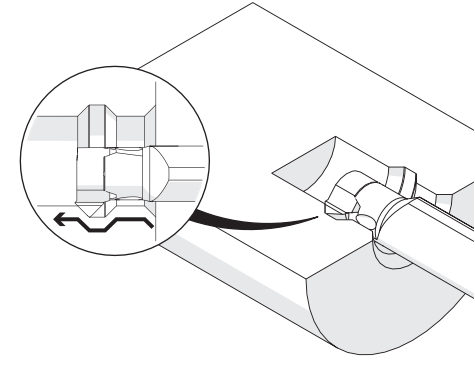
29



Kopyalama ve profil tornalama  
Copying and Profiling

Sayfa  
Page

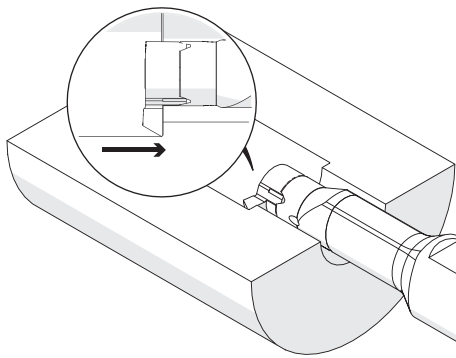
30



Tornalama ve Pah kırma  
Boring and Chamfering

Sayfa  
Page

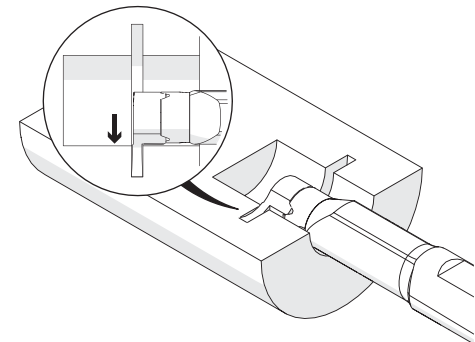
31



Geri tornalama  
Back Boring

Sayfa itibarı ile  
As of page

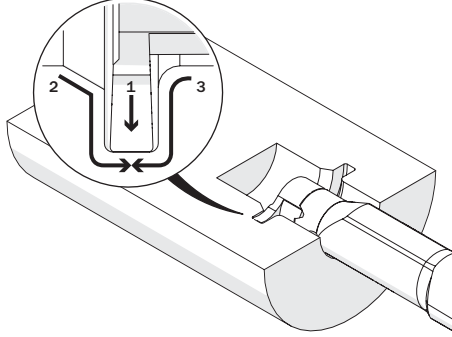
33



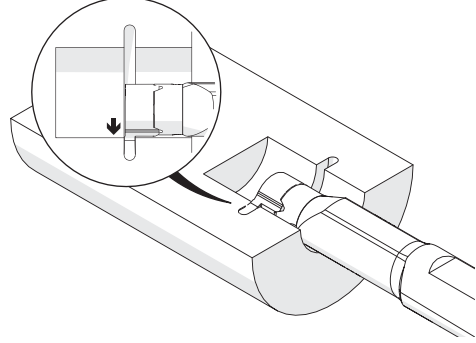
Kanal açma  
Grooving

Standart uygulamalar  
Standard ApplicationsSayfa itibarı ile  
As of page

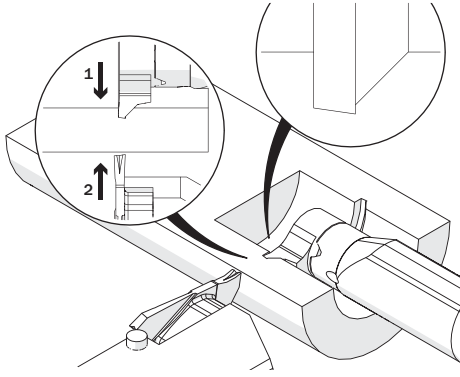
46

Kanal açma ve Profil oluşturma  
Grooving and ProfilingSayfa itibarı ile  
As of page

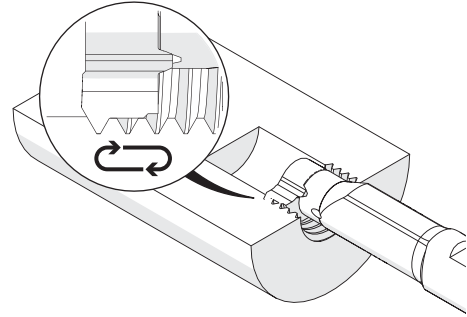
49

Full radius Kanal açma  
Full Radius GroovingSayfa  
Page

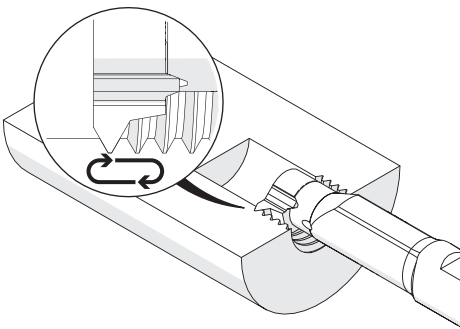
51

Ön kesme ve Pah kırma  
Pre-Part-Off and ChamferingSayfa itibarı ile  
As of page

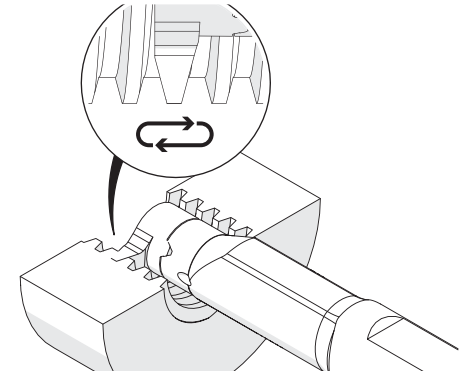
52

Diş çekme: Metrik İSO full profil  
Threading: Metric ISO, Full ProfileSayfa itibarı ile  
As of page

54

Diş çekme: Metrik İSO yarı profil  
Threading: Metric ISO, Partial ProfileSayfa  
Page

56

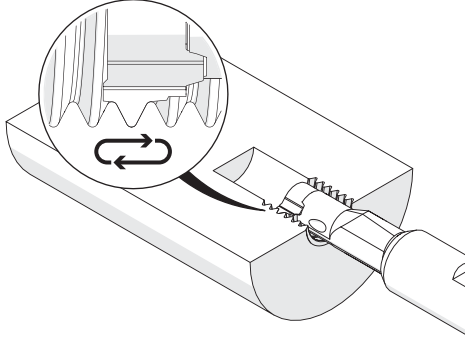
Diş çekme: Trapez diş çekme, yarı profil  
Threading: Trapezoidal Thread, Partial Profile



## Standart uygulamalar Standard Applications

Sayfa  
Page

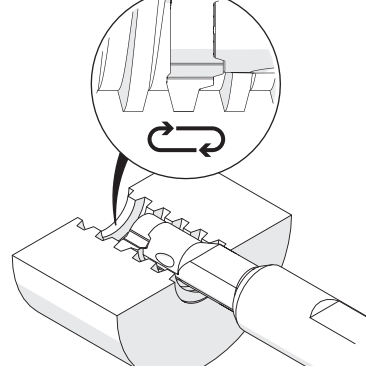
57



Diş çekme: BSW / BSF, full profil  
Threading: BSW / BSF, Full Profile

Sayfa  
Page

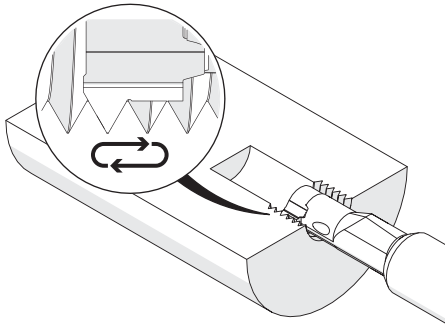
58



Diş çekme: ACME / STUB ACME, yarı profil  
Threading: ACME / STUB ACME, Partial Profile

Sayfa  
Page

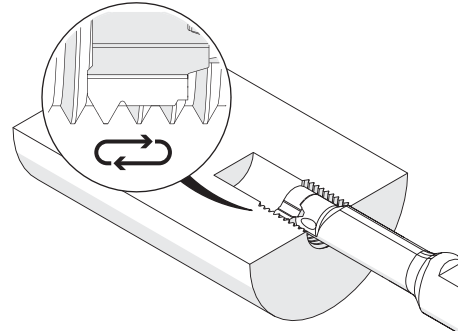
59



Diş çekme: NPT, full profil  
Threading: NPT, Full Profile

Sayfa  
Page

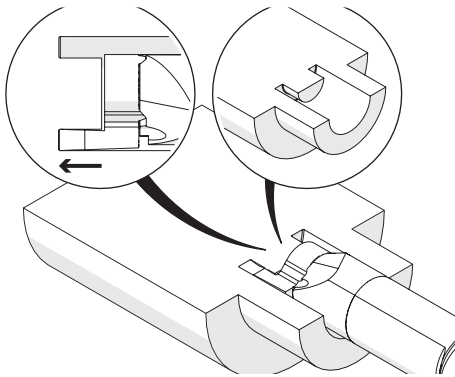
60



Diş çekme: UNC / UNF, full profil  
Threading: UNC/UNF, Full Profile

Sayfa itibarı ile  
As of page

61



Alın kanal açma  
Face Grooving

## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

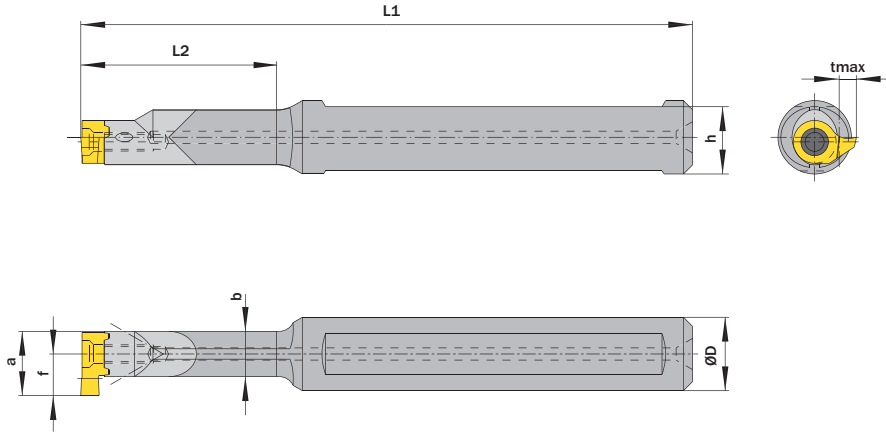
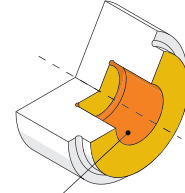
Anti-vibration solid carbide round shank toolholder with through coolant.

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

1,2 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/979  
Tara // Scan Veya ziyaret edin // Or Visit\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.

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

ØD <sup>h6</sup>	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	b	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm			
▼ ØD = 12,0 mm									
12,0	21,0	D07.0012.21 HM	AU5Y	4,8	11,0	80,0	D M2x7,5 T7F	T7F	D07
12,0	30,0	D07.0012.30 HM	AU50	4,8	11,0	90,0	D M2x7,5 T7F	T7F	D07
12,0	42,0	D07.0012.42 HM	AU51	4,8	11,0	100,0	D M2x7,5 T7F	T7F	D07
▼ ØD = 12,7 mm									
12,7	21,0	D07.0.500.21 HM	A264	4,8	11,7	80,0	D M2x7,5 T7F	T7F	D07
12,7	30,0	D07.0.500.30 HM	A265	4,8	11,7	90,0	D M2x7,5 T7F	T7F	D07
12,7	42,0	D07.0.500.42 HM	A266	4,8	11,7	100,0	D M2x7,5 T7F	T7F	D07

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: D07.0012.21 HM

# İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

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

Sıkma torku // Tightening torque (Screw)

**1,2 Nm**

Lütfen ekteki notları okuyun // Please read add. notes

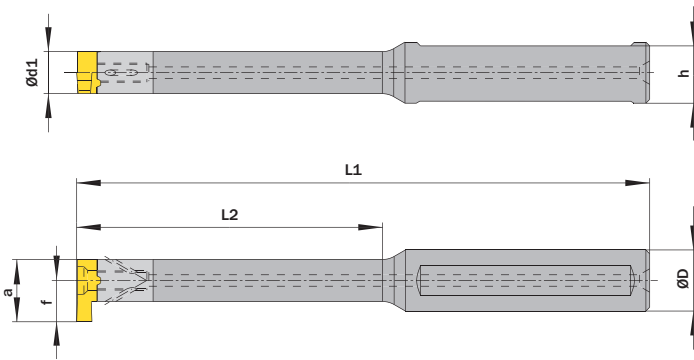
**MASTER (Sayfa/Page 65)**



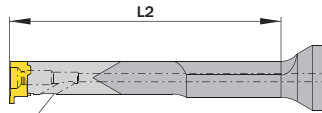
Referans  
Legend **66**



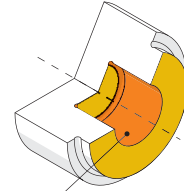
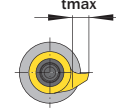
QR-Code [www.simtek.info/cp/808](http://www.simtek.info/cp/808)  
Tara // Scan Veya ziyaret edin // Or Visit



"a", "f" ve "tmax" boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions "a", "f" and "tmax" depend on used carbide inserts.



D08.0012.50 HM  
Tek kanal soğutma sıvısı beslemesi  
One through coolant supply.



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

Ød <sup>h6</sup>	L2	Ürün kodu Part number	Webcode <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a>	Ød1	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode <a href="http://www.simtek.com/code">www.simtek.com/code</a>
mm	mm			mm	mm	mm			

Tablonun Devamı  
Continued Table

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

▼ ØD = 12,0 mm

12,0	21,0	<b>D08.0012.21 HM</b>	AF03	6,0	11,5	80,0	D M2,6x8 T8F	T8F	D08
12,0	30,0	<b>D08.0012.30 HM</b>	AB7V	6,0	11,5	90,0	D M2,6x8 T8F	T8F	D08
12,0	42,0	<b>D08.0012.42 HM</b>	AAVA	6,0	11,5	100,0	D M2,6x8 T8F	T8F	D08
12,0	50,0	<b>D08.0012.50 HM</b>	AA9E	6,0	11,5	115,0	D M2,6x8 T8F	T8F	D08

▼ ØD = 12,7 mm

12,7	21,0	<b>D08.0.500.21 HM</b>	AF99	6,0	12,2	80,0	D M2,6x8 T8F	T8F	D08
12,7	30,0	<b>D08.0.500.30 HM</b>	AEZK	6,0	12,2	90,0	D M2,6x8 T8F	T8F	D08
12,7	42,0	<b>D08.0.500.42 HM</b>	AHCK	6,0	12,2	100,0	D M2,6x8 T8F	T8F	D08
12,7	50,0	<b>D08.0.500.50 HM</b>	A5T1	6,0	12,2	115,0	D M2,6x8 T8F	T8F	D08

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: **D08.0012.30 HM**

## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

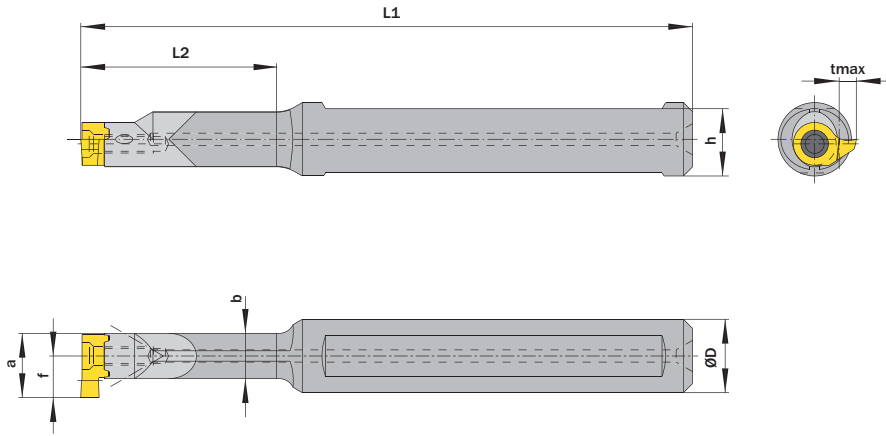
Anti-vibration solid carbide round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

1,2 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/989  
Tara // Scan Veya ziyaret edin // Or Visit\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.

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

ØD h6	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	b	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm			

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related Items can be found on the previous page as well!

▼ ØD = 12,0 mm

12,0	22,0	D09.0012.22 HM	AWFD	6,6	11,0	90,0	D M2,6x8 T8F	T8F	D09
12,0	30,0	D09.0012.30 HM	AWFC	6,6	11,0	98,0	D M2,6x8 T8F	T8F	D09
12,0	42,0	D09.0012.42 HM	AWFB	6,6	11,0	110,0	D M2,6x8 T8F	T8F	D09
12,0	56,0	D09.0012.56 HM	AWFA	6,6	11,0	122,0	D M2,6x8 T8F	T8F	D09

▼ ØD = 12,7 mm

12,7	22,0	D09.0.500.22 HM	A23Z	6,6	11,7	90,0	D M2,6x8 T8F	T8F	D09
12,7	30,0	D09.0.500.30 HM	A230	6,6	11,7	98,0	D M2,6x8 T8F	T8F	D09
12,7	42,0	D09.0.500.42 HM	A231	6,6	11,7	110,0	D M2,6x8 T8F	T8F	D09
12,7	56,0	D09.0.500.56 HM	A5T3	6,6	11,7	122,0	D M2,6x8 T8F	T8F	D09

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: D09.0012.30 HM

## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

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

Sıkma torku // Tightening torque (Screw)

2,1 Nm

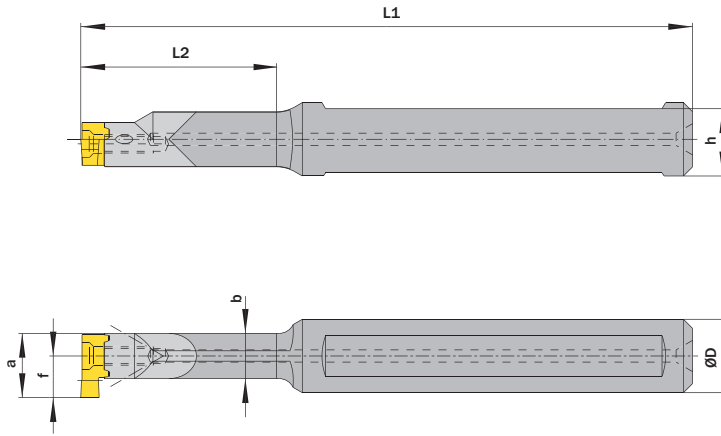
Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

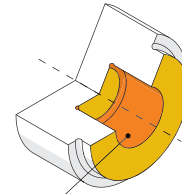


Referans  
Legend 66

QR-Code www.simtek.info/cp/810  
Tara // Scan Veya ziyaret edin // Or Visit



\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.



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

ØD h6	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	b	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
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Tablonun Devamı  
Continued Table

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

▼ ØD = 12,0 mm									
12,0	24,0	D10.0012.24 HM	AKMV	7,4	11,0	92,0	D M3x9 T9F	T9F	D10
12,0	32,0	D10.0012.32 HM	AJJ7	7,4	11,0	100,0	D M3x9 T9F	T9F	D10
12,0	48,0	D10.0012.48 HM	AHP2	7,4	11,0	115,0	D M3x9 T9F	T9F	D10
12,0	64,0	D10.0012.64 HM	ACB2	7,4	11,0	130,0	D M3x9 T9F	T9F	D10
▼ ØD = 12,7 mm									
12,7	22,0	D10.0.500.22 HM	A0Y7	7,4	11,7	90,0	D M3x9 T9F	T9F	D10
12,7	32,0	D10.0.500.32 HM	AB32	7,4	11,7	100,0	D M3x9 T9F	T9F	D10
12,7	48,0	D10.0.500.48 HM	APKH	7,4	11,7	115,0	D M3x9 T9F	T9F	D10
12,7	64,0	D10.0.500.64 HM	ADFU	7,4	11,7	130,0	D M3x9 T9F	T9F	D10

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: D10.0012.32 HM

## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

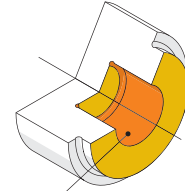
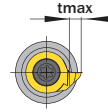
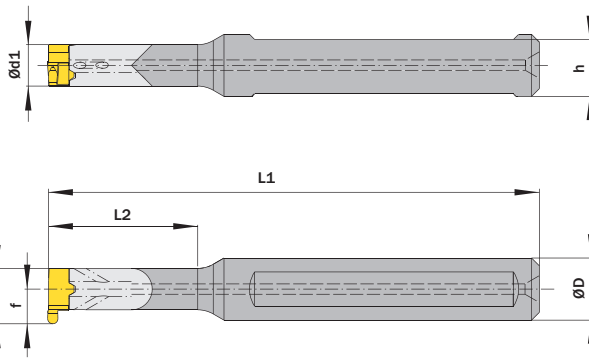
Anti-vibration solid carbide round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

3,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code  
Tara // Scan [www.simtek.info/cp/978](http://www.simtek.info/cp/978)  
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

\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.

Görseledeki çizim/Drawing shows: D11.0012.29 HM

ØD h6	L2	Ürün kodu Part number	Webcode <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a>	Ød1	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode <a href="http://www.simtek.com/code">www.simtek.com/code</a>
mm	mm			mm	mm	mm			

Tablonun Devamı  
Continued Table

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

▼ ØD = 12,0 mm

12,0	29,0	<b>D11.0012.29 HM</b>	AHJ1	8,0	11,0	95,0	D M3,5x10 T10F	T10F	<b>D11</b>
12,0	42,0	<b>D11.0012.42 HM</b>	AG9S	8,0	11,0	110,0	D M3,5x10 T10F	T10F	<b>D11</b>
12,0	56,0	<b>D11.0012.56 HM</b>	AHEF	8,0	11,0	120,0	D M3,5x10 T10F	T10F	<b>D11</b>
12,0	64,0	<b>D11.0012.64 HM</b>	ABD8	8,0	11,0	130,0	D M3,5x10 T10F	T10F	<b>D11</b>

▼ ØD = 12,7 mm

12,7	29,0	<b>D11.0.500.29 HM</b>	AGZ0	8,0	11,7	95,0	D M3,5x10 T10F	T10F	<b>D11</b>
12,7	42,0	<b>D11.0.500.42 HM</b>	ABCD	8,0	11,7	110,0	D M3,5x10 T10F	T10F	<b>D11</b>
12,7	56,0	<b>D11.0.500.56 HM</b>	AHP0	8,0	11,7	120,0	D M3,5x10 T10F	T10F	<b>D11</b>
12,7	64,0	<b>D11.0.500.64 HM</b>	A5T5	8,0	11,7	130,0	D M3,5x10 T10F	T10F	<b>D11</b>

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: **D11.0012.29 HM**

## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

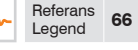
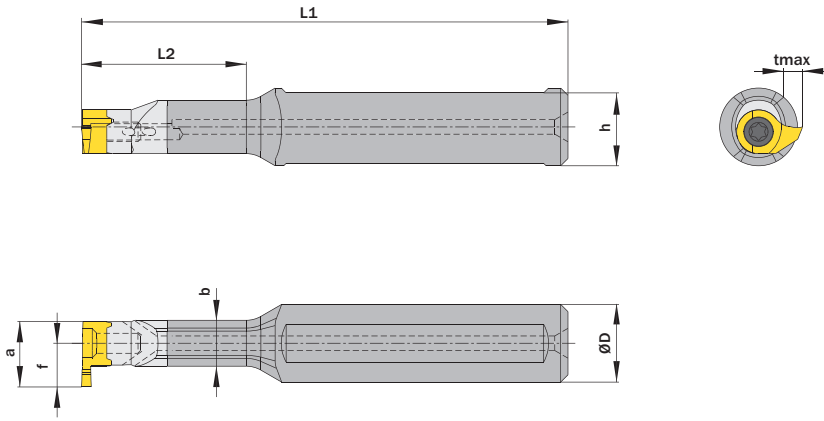
Anti-vibration solid carbide round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

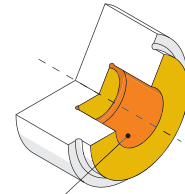
4,5 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

QR-Code www.simtek.info/cp/958  
Tara // Scan Veya ziyaret edin // Or Visit\*a\*, \*f\* ve tmax boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and tmax depend on used carbide inserts.

Görseldeki çizim/Drawing shows: D14.0016.34 HM



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

ØD h6	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	b	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
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Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related items can be found on the previous page as well!

ØD = 12,0 mm	ØD = 12,7 mm	ØD = 15,875 mm	ØD = 16,0 mm
12,0	12,7	15,875	16,0
20,0	20,0	34,0	34,0
D14.0012.20 HM	D14.0.500.20 HM	D14.0.625.34 HM	D14.0016.34 HM
A089	A5T7	AG7B	AFP8
9,5	9,5	9,5	9,5
11,0	11,7	15,0	15,0
75,0	75,0	100,0	100,0
D M4x12 T15F	D M4x12 T15F	D M4x12 T15F	D M4x12 T15F
T15F	T15F	T15F	T15F
D14	D14	D14	D14
12,0	12,7	15,875	16,0
34,0	34,0	45,0	45,0
D14.0012.34 HM	D14.0.500.34 HM	D14.0.625.45 HM	D14.0016.45 HM
AMQ7	AEBY	AB11	AA1H
9,5	9,5	9,5	9,5
11,0	11,7	15,0	15,0
100,0	100,0	110,0	110,0
D M4x12 T15F	D M4x12 T15F	D M4x12 T15F	D M4x12 T15F
T15F	T15F	T15F	T15F
D14	D14	D14	D14
12,0	12,7	15,875	16,0
45,0	45,0	64,0	64,0
D14.0012.45 HM	D14.0.500.45 HM	D14.0.625.64 HM	D14.0016.64 HM
AMYJ	AEZJ	AAMU	AB99
9,5	9,5	9,5	9,5
11,0	11,7	15,0	15,0
110,0	110,0	130,0	130,0
D M4x12 T15F	D M4x12 T15F	D M4x12 T15F	D M4x12 T15F
T15F	T15F	T15F	T15F
D14	D14	D14	D14
12,0	12,7	15,875	16,0
64,0	64,0	75,0	75,0
D14.0012.64 HM	D14.0.500.64 HM	D14.0.625.75 HM	D14.0016.75 HM
AEQA	AAEN	AEUU	AFD1
9,5	9,5	9,5	9,5
11,0	11,7	15,0	15,0
130,0	130,0	140,0	140,0
D M4x12 T15F	D M4x12 T15F	D M4x12 T15F	D M4x12 T15F
T15F	T15F	T15F	T15F
D14	D14	D14	D14

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: D14.0016.34 HM

## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

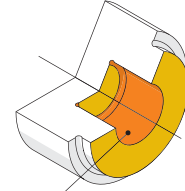
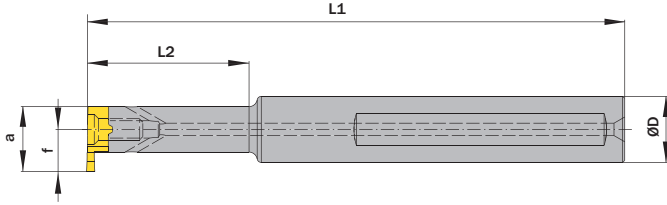
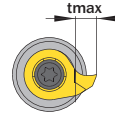
Anti-vibration solid carbide round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66www.simtek.info/cp/957  
Tara // Scan Veya ziyaret edin // Or Visit\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.

Drawing shows: D16.0016.40 HM

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

ØD h6	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	Ød1	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
mm	mm			mm	mm	mm			

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related items can be found on the previous page as well!

## ▼ ØD = 12,0 mm

12,0	40,0	D16.0012.40 HM	AESE	11,0	11,0	130,0	D M5x12 T20T	T20T	D16
12,0	56,0	D16.0012.56 HM	ABY7	11,0	11,0	130,0	D M5x12 T20T	T20T	D16
12,0	80,0	D16.0012.80 HM	AAZX	11,0	11,0	150,0	D M5x12 T20T	T20T	D16

## ▼ ØD = 12,7 mm

12,7	40,0	D16.0.500.40 HM	AK10	11,0	11,7	130,0	D M5x12 T20T	T20T	D16
12,7	56,0	D16.0.500.56 HM	AKTU	11,0	11,7	130,0	D M5x12 T20T	T20T	D16
12,7	80,0	D16.0.500.80 HM	APXA	11,0	11,7	150,0	D M5x12 T20T	T20T	D16

## ▼ ØD = 15,875 mm

15,875	40,0	D16.0.625.40 HM	APM8	11,0	15,0	130,0	D M5x12 T20T	T20T	D16
15,875	56,0	D16.0.625.56 HM	ADJ3	11,0	15,0	130,0	D M5x12 T20T	T20T	D16
15,875	80,0	D16.0.625.80 HM	AFSY	11,0	15,0	150,0	D M5x12 T20T	T20T	D16

## ▼ ØD = 16,0 mm

16,0	40,0	D16.0016.40 HM	ACA6	11,0	15,0	130,0	D M5x12 T20T	T20T	D16
16,0	56,0	D16.0016.56 HM	ABJH	11,0	15,0	130,0	D M5x12 T20T	T20T	D16
16,0	80,0	D16.0016.80 HM	AEF9	11,0	15,0	150,0	D M5x12 T20T	T20T	D16

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: D16.0016.40 HM



## İç çap uygulamalar için silindirik takım tutucu

İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder, For Internal Applications

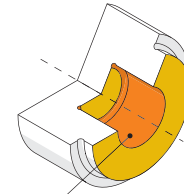
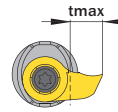
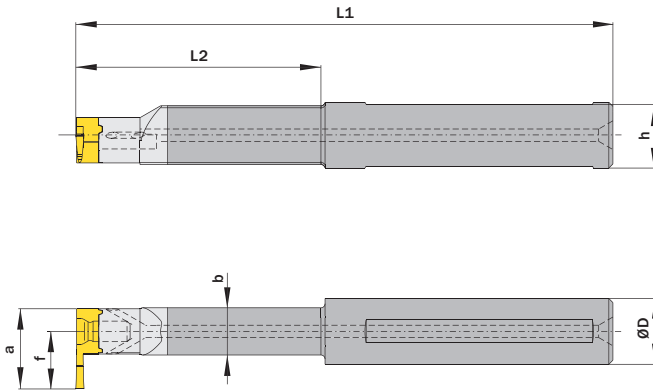
Anti-vibration solid carbide round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/980  
Tara // Scan Veya ziyaret edin // Or Visit\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.

Görseledeki çizim/Drawing shows: D18.0016.60 HM

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

ØD <sup>h6</sup>	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	b	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/ccode
mm	mm			mm	mm	mm			

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related items can be found on the previous page as well!

## ▼ ØD = 15,875 mm

15,875	42,0	D18.0.625.42 HM	AVW3	11,5	15,0	100,0	D M5x12 T20T	T20T	D18
15,875	60,0	D18.0.625.60 HM	AVW4	11,5	15,0	130,0	D M5x12 T20T	T20T	D18
15,875	85,0	D18.0.625.85 HM	AVW5	11,5	15,0	160,0	D M5x12 T20T	T20T	D18

## ▼ ØD = 16,0 mm

16,0	42,0	D18.0016.42 HM	AEP1	11,5	15,0	100,0	D M5x12 T20T	T20T	D18
16,0	60,0	D18.0016.60 HM	AJFC	11,5	15,0	130,0	D M5x12 T20T	T20T	D18
16,0	85,0	D18.0016.85 HM	AF5G	11,5	15,0	160,0	D M5x12 T20T	T20T	D18

## ▼ ØD = 19,05 mm

19,05	85,0	D18.0.750.85 HM	AVW6	11,5	18,08	160,0	D M5x12 T20T	T20T	D18
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## ▼ ØD = 20,0 mm

20,0	85,0	D18.0020.85 HM	AG1A	11,5	19,05	160,0	D M5x12 T20T	T20T	D18
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Sipariş örneği // Order example: D18.0016.42 HM

## İç çap uygulamalar için, uzunluğu ayarlanabilir, silindirik „ME“ sıkma sistemli takım tutucu

ME-sıkma sistemi silindirik takım tutucudan oluşur. Bağlama somunu sayesinde yüksek stabiliteye sahip rijit bağlama sağlar. Gerekliği gibi ayarlanabilir uzunluk sayesinde farklı uygulamalar için idealdir.

Length Adjustable Toolholder,  
Internal Applications, Round Shank, „ME“

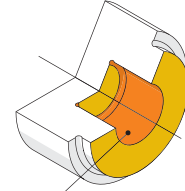
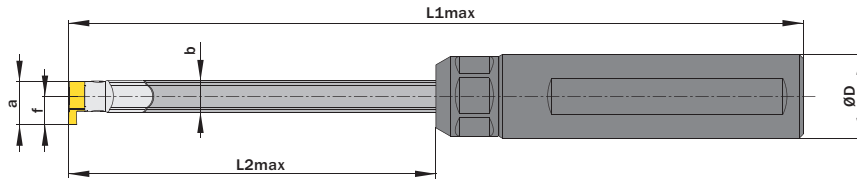
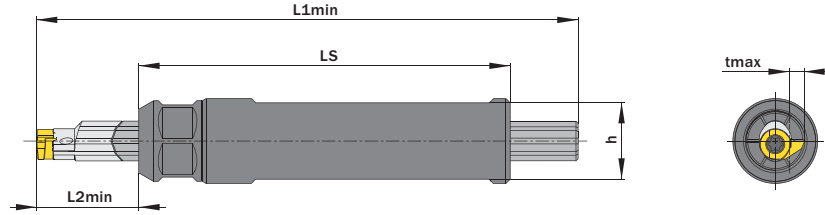
Steel round shank, equipped with our ME-clamping system. The ME-system provides force-fitted clamping along with higher precision and stability. Infinitely variable length can be realized as required.

Sıkma torku // Tightening torque (Screw)

6,0 Nm - 10,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/1311  
Tara // Scan Veya ziyaret edin // Or Visit

\*a\*, \*f\* ve \*tmax\* boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and \*tmax\* depend on used carbide inserts.

Görseldeki çizim/Drawing shows: D10.0020.24.087 ME

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

ØD #6	L2min	L2max	Ürün kodu Part number	Webcode www.simtek.com/webcode	b	h	LS ±0,5	L1min	L1max	Standart Vida somunu Screw nut	Connectcode www.simtek.com/code
mm	mm	mm			mm	mm	mm	mm	mm		
20,0	31,0	87,5	D10.0020.24.087 ME	A2ZA	7,5	18,0	87,5	127,5	175,0	A00.K.19.15.138	D10
20,0	42,0	124,0	D14.0020.25.124 ME	A2ZB	9,5	18,0	87,5	164,0	211,5	A00.K.19.15.138	D14
19,05	31,0	87,5	D10.0.750.24.087 ME	A5XH	7,5	17,04	87,5	127,5	175,0	A00.K.19.15.138	D10
19,05	42,0	124,0	D14.0.750.25.124 ME	A5XK	9,5	17,04	87,5	164,0	211,5	A00.K.19.15.138	D14

Sipariş örneği // Order example: D10.0020.24.087 ME

İç çap uygulamalar için silindirik Adaptör /  
Takım tutucu

A06 takım tutucular için D07 uçlara uyumlu adaptör. İçten kesme sıvısı yönlü, titreşim önleyici karbür silindirik takım tutucu.

## Toolholder / Adapter, For Internal Applications

Adapter for D07 inserts on A06 toolholder. Anti-vibration solid carbide round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

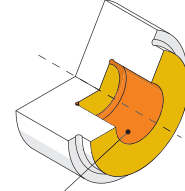
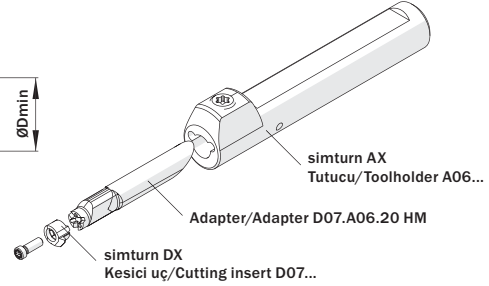
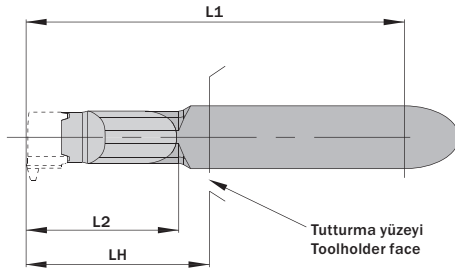
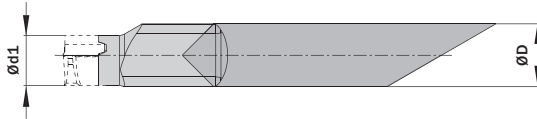
1,2 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)



Referans Legend 66

QR-Code www.simtek.info/cp/809  
Tara // Scan 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

Görseledeki çizim/Drawing shows: D07.A06.20 HM

ØD <sup>h6</sup> mm	L2 mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Ød1 mm	ØDmin (min. delik) ØDmin (min. bore) mm	L1 mm	LH mm	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
▼ L2 = 20,0 mm										
6,0	20,0	<b>D07.A06.20 HM</b>	AHSC	4,8	7,0	42,25	23,0	D M2x7,5 T7F	T7F	D07
▼ L2 = 30,0 mm										
6,0	30,0	<b>D07.A06.30 HM</b>	AJ5U	4,8	7,0	52,25	33,0	D M2x7,5 T7F	T7F	D07
▼ L2 = 40,0 mm										
6,0	40,0	<b>D07.A06.40 HM</b>	AAVG	4,8	7,0	62,25	43,0	D M2x7,5 T7F	T7F	D07
▼ L2 = 50,0 mm										
6,0	50,0	<b>D07.A06.50 HM</b>	ACBT	4,8	7,0	72,25	53,0	D M2x7,5 T7F	T7F	D07
▼ L2 = 60,0 mm										
6,0	60,0	<b>D07.A06.60 HM</b>	AKSW	4,8	7,0	82,25	63,0	D M2x7,5 T7F	T7F	D07

Sipariş örneği // Order example: **D07.A06.60 HM**

## İç çap uygulamalar için takım tutucu

İçten kesme sıvısı yönlü, çelik silindirik takım tutucu.

## Toolholder, For Internal Applications

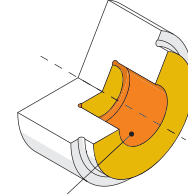
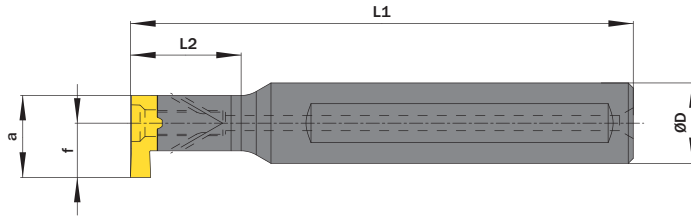
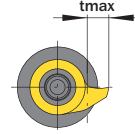
Steel round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

"D M2,6x8 T8F": 1,2 Nm  
"D M3,5x10 T10F": 3,0 Nm  
"D M5x12 T20T": 7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/811  
Tara // Scan Veya ziyaret edin // Or Visit"a", "f" ve tmax boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and tmax depend on used carbide inserts.

Görseledeki çizim/Drawing shows: D16.0016.22 ST

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

ØD <sup>g6</sup>	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	Ød1	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm			
▼ Connectcode = D08									
12,0	21,0	D08.0012.21 ST	AKHT	6,0	11,0	80,0	D M2,6x8 T8F	T8F	D08
16,0	12,0	D08.0016.12 ST	AH2A	6,0	15,0	80,0	D M2,6x8 T8F	T8F	D08
12,7	12,0	D08.0.500.12 ST	A22H	6,0	12,2	80,0	D M2,6x8 T8F	T8F	D08
15,875	12,0	D08.0.625.12 ST	ABT9	6,0	15,0	80,0	D M2,6x8 T8F	T8F	D08
▼ Connectcode = D11									
12,0	29,0	D11.0012.29 ST	AAV0	8,0	11,0	95,0	D M3,5x10 T10F	T10F	D11
16,0	16,0	D11.0016.16 ST	ANMK	8,0	15,0	97,0	D M3,5x10 T10F	T10F	D11
15,875	16,0	D11.0.625.16 ST	AGFE	8,0	15,0	97,0	D M3,5x10 T10F	T10F	D11
▼ Connectcode = D16									
16,0	22,0	D16.0016.22 ST	AEQC	11,0	15,0	100,0	D M5x12 T20T	T20T	D16
15,875	22,0	D16.0.625.22 ST	ADXJ	11,0	15,0	100,0	D M5x12 T20T	T20T	D16

Sipariş örneği // Order example: D16.0016.22 ST

## İç çap uygulamalar için takım tutucu

İçten kesme sıvısı yönlü, çelik silindirik takım tutucu.

## Toolholder, For Internal Applications

Steel round shank toolholder with through coolant.

Sıkma torku // Tightening torque (Screw)

"D M2,6x8 T8F": 1,2 Nm  
 "D M2x7,5 T7F": 1,2 Nm  
 "D M3x9 T9F": 2,1 Nm  
 "D M4x12 T15F": 4,5 Nm  
 "D M5x12 T20T": 7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

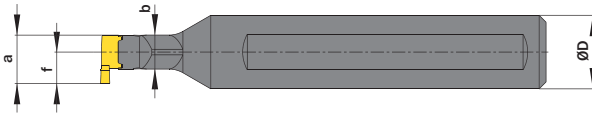
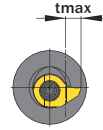
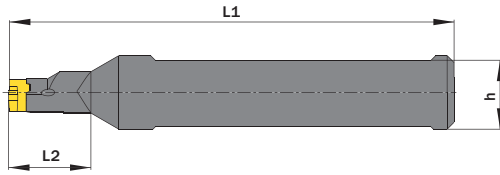
MASTER (Sayfa/Page 65)

Referans  
Legend

66

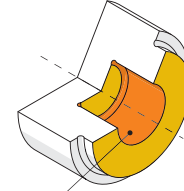


QR-Code [www.simtek.info/cp/812](http://www.simtek.info/cp/812)  
 Tara // Scan Veya ziyaret edin // Or Visit



"a", "f" ve tmax boyutları, kullanılan karbür kesici uçlara bağlıdır.  
 Dimensions „a“, „f“ and tmax depend on used carbide inserts.

Görseldeki çizim/Drawing shows: D10.0016.16 ST



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

ØD <sup>g6</sup>	L2	Ürün kodu Part number	Webcode <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a>	b	h	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode <a href="http://www.simtek.com/code">www.simtek.com/code</a>
mm	mm			mm	mm	mm			
▼ Connectcode = D07									
12,0	21,0	D07.0012.21 ST	AU5Z	4,8	11,0	80,0	D M2x7,5 T7F	T7F	D07
16,0	12,0	D07.0016.12 ST	AU6A	4,8	15,0	80,0	D M2x7,5 T7F	T7F	D07
12,7	21,0	D07.0.500.21 ST	A5T9	4,8	11,7	80,0	D M2x7,5 T7F	T7F	D07
15,875	12,0	D07.0.625.12 ST	A5UB	4,8	15,0	80,0	D M2x7,5 T7F	T7F	D07
▼ Connectcode = D09									
16,0	14,0	D09.0016.14 ST	AWFE	6,6	15,0	95,0	D M2,6x8 T8F	T8F	D09
15,875	14,0	D09.0.625.14 ST	A3UH	6,6	15,0	95,0	D M2,6x8 T8F	T8F	D09
▼ Connectcode = D10									
16,0	16,0	D10.0016.16 ST	ACCJ	7,4	15,0	97,0	D M3x9 T9F	T9F	D10
16,0	24,0	D10.0016.24 ST	A016	7,4	15,0	97,0	D M3x9 T9F	T9F	D10
15,875	16,0	D10.0.625.16 ST	ABKU	7,4	15,0	97,0	D M3x9 T9F	T9F	D10
15,875	24,0	D10.0.625.24 ST	A017	7,4	15,0	105,0	D M3x9 T9F	T9F	D10
▼ Connectcode = D14									
16,0	20,0	D14.0016.20 ST	ANP6	9,5	15,0	100,0	D M4x12 T15F	T15F	D14
16,0	30,0	D14.0016.30 ST	A005	9,5	15,0	100,0	D M4x12 T15F	T15F	D14
15,875	20,0	D14.0.625.20 ST	ADZ8	9,5	15,0	100,0	D M4x12 T15F	T15F	D14
15,875	30,0	D14.0.625.30 ST	A5UD	9,5	15,0	100,0	D M4x12 T15F	T15F	D14
▼ Connectcode = D18									
20,0	25,0	D18.0020.25 ST	AAWH	11,5	19,05	95,0	D M5x12 T20T	T20T	D18
20,0	40,0	D18.0020.40 ST	APH3	11,5	19,05	105,0	D M5x12 T20T	T20T	D18
19,05	25,0	D18.0.750.25 ST	AVW1	11,5	18,08	95,0	D M5x12 T20T	T20T	D18
19,05	40,0	D18.0.750.40 ST	AVW2	11,5	18,08	105,0	D M5x12 T20T	T20T	D18

Sipariş örneği // Order example: D14.0016.20 ST

## Alın kanal açma uygulamaları için silindirik takım tutucu

Alın kanal açma uygulamaları için optimize edilmiş, içten kesme sıvısı yönlü, titreşim önleyici katı çelik ve karbür silindirik takım tutucular.

## Toolholder, Face Grooving Applications

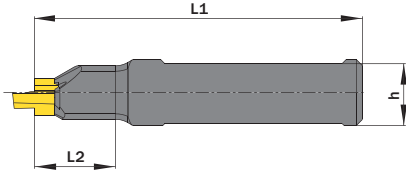
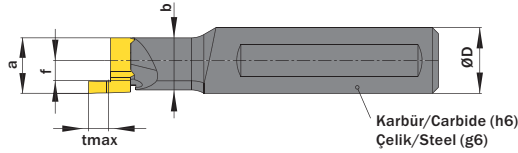
Anti-vibration solid steel and carbide round shank with optimized through coolant for face grooving applications.

Sıkma torqu // Tightening torque (Screw)

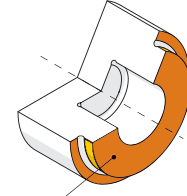
"D M4x12 T15F": 4,5 Nm  
"D M5x12 T20T": 7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/807  
Tara // Scan Veya ziyaret edin // Or VisitAlın kanal açma uygulamaları için içten soğutma sıvısı optimize edilmiştir  
Optimized through coolant for face grooving applications."a", "f" ve tmax boyutları, kullanılan karbür kesici uçlara bağlıdır.  
Dimensions „a“, „f“ and tmax depend on used carbide inserts.

Görseldeki çizim/Drawing shows: D14.A.0016.20 ST R



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

ØD	L2	Ürün kodu Part number	Webcode www.simtek.com/webcode	Çelik Steel	Karbür Carbide	b	h	L1	Vida Screw	Vida anahtar Screw driver	Connectcode www.simtek.com/code
mm	mm					mm	mm	mm			
▼ Connectcode = D14.A.R/D14.A.L											
15,875	42,0	D14.A.0.625.42 HM R/L	R A4V9 L A4V7	-	x	12,7	15,0	100,0	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
15,875	20,0	D14.A.0.625.20 ST R/L	R A4UH L A4UK	x	-	12,7	15,0	80,0	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
15,875	5,3	D14.A.0.625.05 ST R/L	R A5UF L A5UH	x	-	-	15,0	70,00	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
▼ Connectcode = D14.A.R / D14.A.L											
16,0	5,3	D14.A.0016.05 ST R/L	R AB51 L AJ02	x	-	12,7	15,0	70,0	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
16,0	20,0	D14.A.0016.20 ST R/L	R AE7Z L AJ7N	x	-	12,7	15,0	80,0	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
16,0	42,0	D14.A.0016.42 HM R/L	R ABY3 L AKPP	-	x	12,7	15,0	100,0	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
16,0	62,0	D14.A.0016.60 HM R/L	R AQDY L AQDX	-	x	12,7	15,0	120,0	D M4x12 T15F	T15F	R D14.A.R L D14.A.L
▼ Connectcode = D18.16.A.R   D18.18.A.R / D18.16.A.L   D18.18.A.L											
20,0	5,6	D18.A.0020.05.18 ST R/L	R AT09 L AVS0	x	-	-	19,05	85,0	D M5x12 T20T	T20T	R D18.16.A.R   D18.18.A.R L D18.16.A.L   D18.18.A.L
19,05	6,0	D18.A.0.750.05.18 ST R/L	R ASUK L ASUN	x	-	-	18,08	85,0	D M5x12 T20T	T20T	R D18.16.A.R   D18.18.A.R L D18.16.A.L   D18.18.A.L

Sipariş örneği // Order example: D14.A.0016.20 ST R (R = Sağ model // Right hand version)

## Alın kanal açma uygulamaları için kare takım tutucu

Alın kanal açma uygulamaları için çelik kare takım tutucu.

## Toolholder, Face Grooving Applications

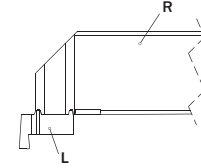
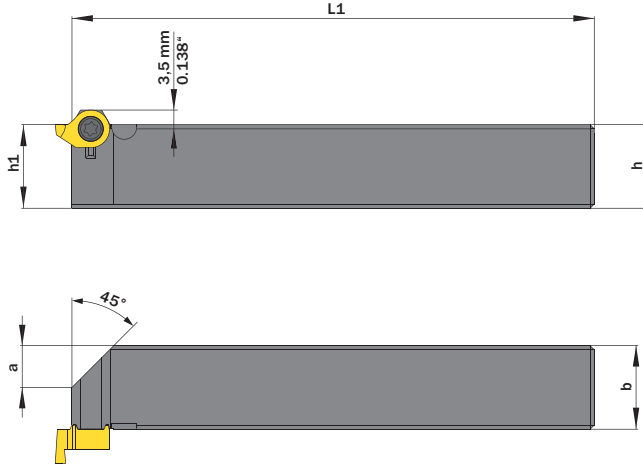
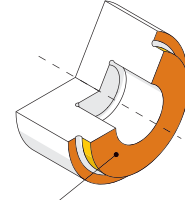
Steel square shank toolholder for face grooving applications.

Sıkma torku // Tightening torque (Screw)

"D M4x12 T15F": 4,5 Nm  
"D M5x12 T20T": 7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

TW  
STReferans  
Legend 66QR-Code www.simtek.info/cp/804  
Tara // Scan Veya ziyaret edin // Or VisitLütfen sağ tutucuyu sol uç ile kullanın  
ya da tam tersiPlease use right hand toolholder  
with left hand insert and vice versa.

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

Görseldeki çizim/Drawing shows: D14.2020.ST R

h	b	Ürün kodu Part number	Webcode www.simtek.com/webcode	a	h1	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm			
▼ Connectcode = D14.A.L / D14.A.R									
12,0	12,0	D14.1212.ST R/L	R AB16 L AB61	2,0	12,0	100,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
16,0	16,0	D14.1616.ST R/L	R ABDB L APA7	6,0	16,0	125,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
20,0	20,0	D14.2020.ST R/L	R APDC L AMY4	10,0	20,0	125,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
25,0	25,0	D14.2525.ST R/L	R ANUG L ANQ0	15,0	25,0	150,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
▼ Connectcode = D18.16.A.L   D18.18.A.L / D18.16.A.R   D18.18.A.R									
20,0	20,0	D18.2020.ST R/L	R AVS2 L AT9W	10,0	20,0	125,0	D M5x12 T20T	T20T R	D18.16.A.L   D18.18.A.L L D18.16.A.R   D18.18.A.R
25,0	25,0	D18.2525.ST R/L	R AVGE L AVFZ	15,0	25,0	150,0	D M5x12 T20T	T20T R	D18.16.A.L   D18.18.A.L L D18.16.A.R   D18.18.A.R

Sipariş örneği // Order example: D14.2525.ST R (R = Sağ model // Right hand version)

## Alın kanal açma uygulamaları için kare takım tutucu

Alın kanal açma uygulamaları için ofsetli çelik kare takım tutucu.

## Toolholder, Face Grooving Applications

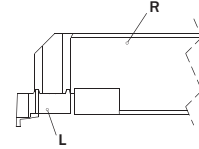
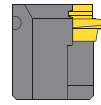
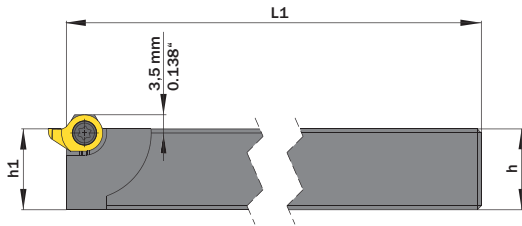
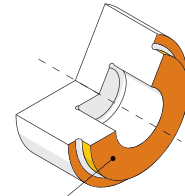
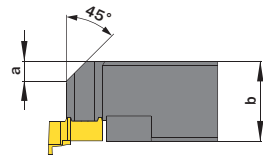
Steel square shank toolholder, with offset, for face grooving applications.

Sıkma torku // Tightening torque (Screw)

"D M4x12 T15F": 4,5 Nm  
"D M5x12 T20T": 7,0 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

TW  
STReferans  
Legend 66QR-Code www.simtek.info/cp/806  
Tara // Scan Veya ziyaret edin // Or VisitLütfen sağ tutucuyu sol uç ile kullanın  
ya da tam tersiPlease use right hand toolholder  
with left hand insert and vice versa.

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

Görseldeki çizim/Drawing shows: D14.2020.B.120 ST R

h	b	Ürün kodu Part number	Webcode www.simtek.com/webcode	a	h1 <sup>is14</sup>	L1	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm	mm			
▼ Connectcode = D14.A.L / D14.A.R									
12,0	12,0	D14.1212.B.100 ST R/L	R ASEY L ASEY	4,0	12,0	100,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
12,7	12,7	D14.0.500.S.B.100 ST R/L	R AS38 L AS34	4,0	12,7	100,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
15,875	15,875	D14.0.625.S.B.120 ST R/L	R AS39 L AS35	5,0	15,875	120,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
16,0	16,0	D14.1616.B.120 ST R/L	R ASEU L ASET	5,0	16,0	120,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
19,05	19,05	D14.0.750.S.B.120 ST R/L	R AS4A L AS36	5,0	19,05	120,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
20,0	20,0	D14.2020.B.120 ST R/L	R ASES L ASEQ	5,0	20,0	120,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
25,0	25,0	D14.2525.B.150 ST R/L	R ASEN L ASEP	9,0	25,0	150,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
25,4	25,4	D14.1.000.S.B.150 ST R/L	R AS4B L AS37	9,0	25,4	150,0	D M4x12 T15F	T15F R	D14.A.L L D14.A.R
▼ Connectcode = D18.16.A.L   D18.18.A.L / D18.16.A.R   D18.18.A.R									
20,0	20,0	D18.2020.B.120 ST R/L	R AVS1 L AT9Y	5,0	20,0	120,0	D M5x12 T20T	T20T R	D18.16.A.L   D18.18.A.L L D18.16.A.R   D18.18.A.R
25,0	25,0	D18.2525.B.120 ST R/L	R AWDH L AVF0	9,0	25,0	120,0	D M5x12 T20T	T20T R	D18.16.A.L   D18.18.A.L L D18.16.A.R   D18.18.A.R
19,05	19,05	D18.0.750.B.120 ST R/L	R ASUT L ASUQ	5,0	19,05	120,0	D M5x12 T20T	T20T R	D18.16.A.L   D18.18.A.L L D18.16.A.R   D18.18.A.R
25,4	25,4	D18.1.000.B.120 ST R/L	R ASUX L ASUV	9,0	25,4	120,0	D M5x12 T20T	T20T R	D18.16.A.L   D18.18.A.L L D18.16.A.R   D18.18.A.R

Sipariş örneği // Order example: D14.1616.B.120 ST R (R = Sağ model // Right hand version)



## Takım tutucu

WFB adaptörü ile.

## Toolholder

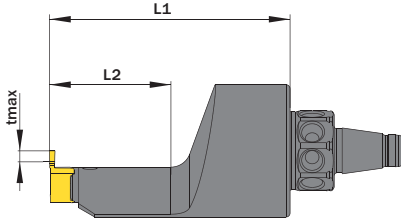
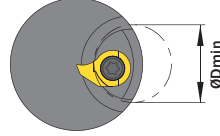
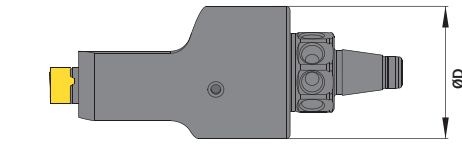
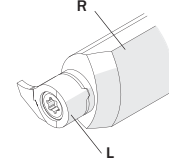
With WFB-adapter.

Sıkma torku // Tightening torque (Screw)

4,5 Nm

Lütfen ekteki notları okuyun // Please read add. notes

MASTER (Sayfa/Page 65)

Referans  
Legend 66QR-Code www.simtek.info/cp/1125  
Tara // Scan Veya ziyaret edin // Or Visit\*tmax\* ölçümü kesici uca bağlıdır.  
Measure „tmax“ depends on cutting insert.Lütfen sağ tutucuyu sol uç ile kullanın ya da tam tersi  
Please use right hand toolholder with left hand insert and vice versa.

Görseldeki çizim/Drawing shows: D14.WF33.60 R

ØD	L1	Ürün kodu Part number	Webcode www.simtek.com/webcode	ØDmin (min. delik) ØDmin (min. bore)	L2	Vida Screw	Vida anahtarı Screw driver	Connectcode www.simtek.com/code
mm	mm			mm	mm			
33,0	60,0	D14.WF33.60.12 R/L	R AYGW L AYGW	20,0	30,0	D M4x12 T15F	T15F	D14

Sipariş örneği // Order example: D14.WF33.60.12 R (R = Sağ model // Right hand version)

## Delik tornalama

Ø 7,0 mm'den başlayan iç çap delik tornalama uygulamalarında, mükemmel performans ve tekrarlanabilirlik sağlar.

## Boring

For use in bores as of minimum bore diameter 7,0 mm.

Kesme parametreleri // Cutting parameters (start)

f 0,02 mm/U Vc Sayfa/Page 71

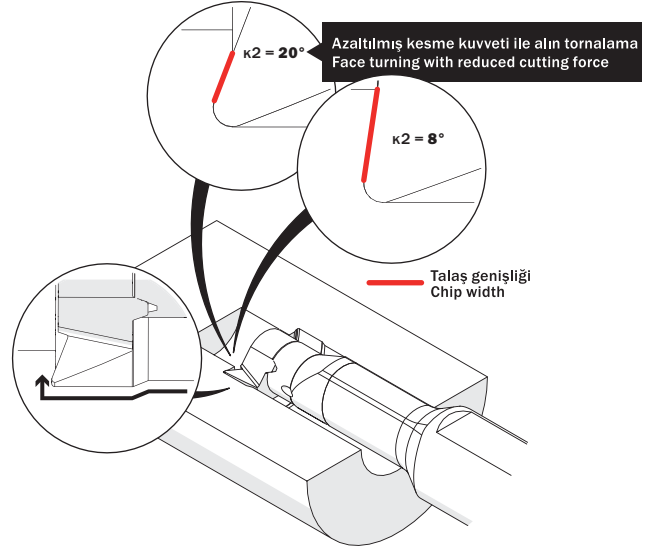
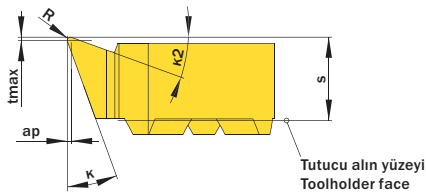
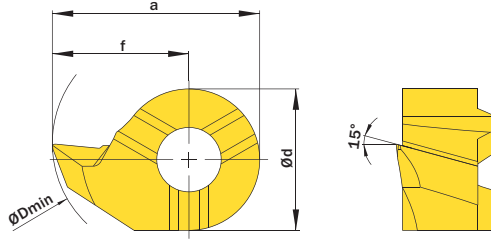
Uyumlu takım tutucu sayfaları // Suitable toolholders on page

10, 11, 12, 13, 14, 15, 16, 18, 19,  
20, 21, 25



SP  
HM R Referans Legend 66

QR-Code www.simtek.info/cp/813  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.2087.02 YR

ØDmin (min. delik) ØDmin (min. bore)	K	κ2	f	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	S	ap	tmax	Connectcode www.simtek.com/code
mm			mm	mm			P K M N S	mm	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,0 mm													
7,0	18°	8°	4,15	0,1	<b>D07.1841.01 YR/L</b>	R ANWE	L AXA8 X800 X400	6,55	4,8	3,7	0,13	0,2	D07
7,0	18°	8°	4,15	0,2	<b>D07.1841.02 YR/L</b>	R AJZ7	L AXA9 X800 X400	6,55	4,8	3,7	0,25	0,2	D07
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,8 mm													
7,8	18°	8°	4,65	0,05	<b>D08.1846.005 YR/L</b>	R AS56	L AS55 X800 X400	7,65	6,0	3,5	0,07	0,2	D08
7,8	18°	8°	4,65	0,2	<b>D08.1846.02 YR/L</b>	R AMM3	L AC6Z X800 X400	7,65	6,0	3,5	0,25	0,2	D08
7,8	20°	20°	4,65	0,2	<b>D08.2046.02 YR/L</b>	R AG7V	L AFEB X800 X400	7,65	6,0	3,5	0,25	0,2	D08
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm													
9,0	18°	8°	5,5	0,2	<b>D09.1855.02.09 YR/L</b>	R AWGU	L AWH7 X800 X400	8,6	6,2	3,6	0,25	0,2	D09
9,0	20°	20°	5,5	0,2	<b>D09.2055.02.09 YR/L</b>	R AWGV	L AWH8 X800 X400	8,6	6,2	3,6	0,25	0,2	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,8 mm													
9,8	18°	8°	5,5	0,2	<b>D11.1855.02 YR/L</b>	R AC65	L AHXM X800 X400	9,5	8,0	4,2	0,25	0,2	D11
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm													
10,0	18°	8°	5,6	0,2	<b>D10.1856.02.10 YR/L</b>	R AN4S	L AGF7 X800 X400	9,1	7,0	3,9	0,25	0,2	D10
10,0	20°	20°	5,6	0,2	<b>D10.2056.02.10 YR/L</b>	R AD7E	L AB48 X800 X400	9,1	7,0	3,9	0,25	0,2	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm													
11,0	18°	8°	6,6	0,2	<b>D10.1866.02.11 YR/L</b>	R AFCG	L AW40 X800 X400	9,1	7,0	3,9	0,25	0,2	D10
11,0	18°	8°	6,7	0,2	<b>D11.1867.02 YR/L</b>	R ABXG	L AF60 X800 X400	10,7	8,0	4,2	0,25	0,2	D11
11,0	20°	20°	6,7	0,2	<b>D11.2067.02 YR/L</b>	R APSF	L AKP5 X800 X400	10,7	8,0	4,2	0,25	0,2	D11
▼ ØDmin (min. delik) // ØDmin (min. bore) = 13,8 mm													
13,8	18°	8°	8,7	0,2	<b>D14.1887.02 YR/L</b>	R AN1M	L AGJY X800 X400	13,2	9,0	5,3	0,25	0,2	D14
13,8	18°	8°	8,7	0,4	<b>D14.1887.04 YR/L</b>	R AZF7	L AZF8 X800 X400	13,2	9,0	5,3	0,5	0,2	D14
13,8	20°	20°	8,7	0,2	<b>D14.2087.02 YR/L</b>	R AG2U	L AGQC X800 X400	13,2	9,0	5,3	0,25	0,2	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 15,5 mm													
15,5	18°	8°	9,7	0,2	<b>D16.1897.02 YR/L</b>	R AHEA	L ADN X800 X400	15,2	11,0	5,4	0,25	0,2	D16

İ Sipariş örneği // Order example: **D07.1841.02 YR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Özel talaş kontrolü ile delik tornalama

Ø 7,8 mm'den başlayan iç çap uygulamalarda, özel talaş kırıcı form sayesinde, yüksek hassaslıkta delik tornalama işlemlerinde mükemmel performans ve tekrarlanabilirlik sağlar.

## Boring with special chip former

Special chipformer for improved chip control. For use in bores of minimum bore diameter 7,8 mm.

Kesme parametreleri // Cutting parameters (start)

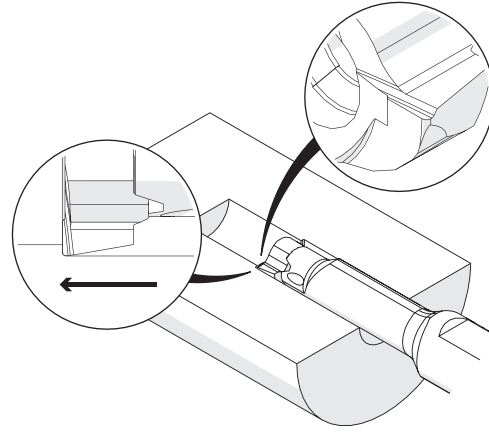
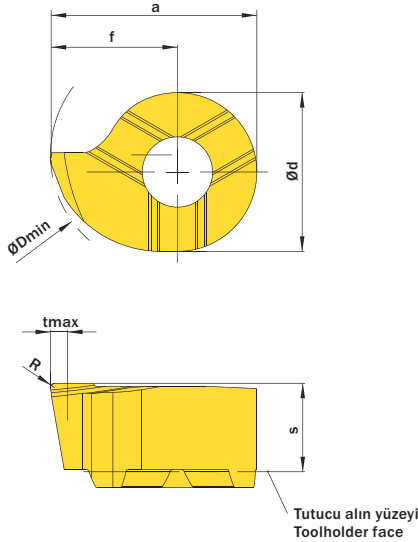
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
11, 12, 13, 14, 18, 20, 21



Referans  
Legend 66

QR-Code www.simtek.info/cp/858  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D10.0056.02.10 YE R

ØDmin (min. delik) ØDmin (min. bore)	f	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,8 mm										
7,8	4,65	0,2	<b>D08.0046.02.08 YER/L</b>	R AZC9 L AZDA	X800 X400	7,65	6,0	3,5	0,5	D08
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm										
9,0	5,5	0,2	<b>D09.0055.02.09 YER/L</b>	R AWF8 L AWHN	X800 X400	8,6	6,2	3,6	0,5	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm										
10,0	5,6	0,2	<b>D10.0056.02.10 YER/L</b>	R ATU1 L ATØF	X800 X400	9,1	7,0	3,9	0,75	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm										
11,0	6,7	0,2	<b>D11.0067.02.11 YER/L</b>	R AZC7 L AZC8	X800 X400	10,7	8,0	4,2	0,5	D11

İ Sipariş örneği // Order example: **D09.0055.02.09 YER X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Delik tornalama, Sert parça tornalama

Ø 7,8 mm'den başlayan sertleştirilmiş malzemelerde mükemmel yüzey kalitelerinin işlenmesi için optimize edilmiştir. Güvenilir ve kolay bağlama sistemi ile mükemmel performans ve tekrarlanabilirlik sunan CBN kesiciler.

## Boring, Hard Part Turning

First choice for hard part turning applications in bores as of bore diameter 7,8 mm in combination with CBN grades.

Kesme parametreleri // Cutting parameters (start)

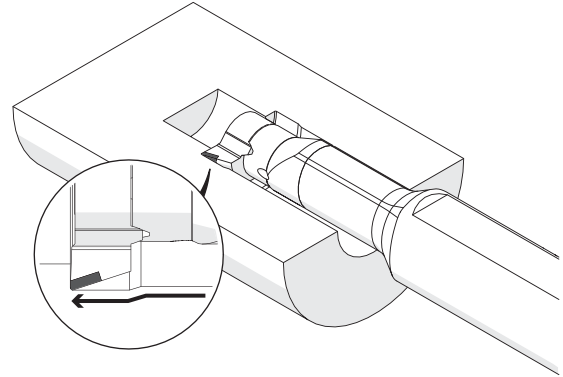
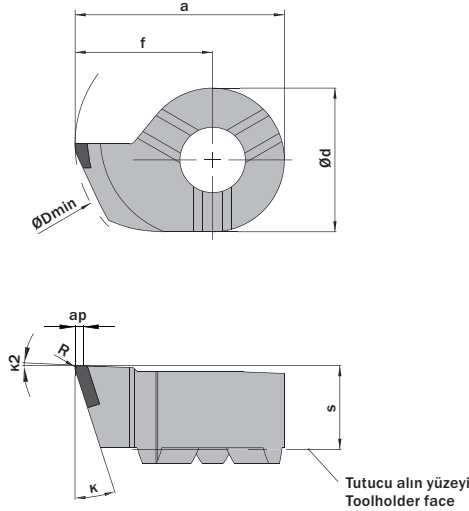
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
11, 13, 14, 15, 16, 18, 20, 21, 25



Referans  
Legend 66

QR-Code www.simtek.info/cp/817  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.1887.02 YU R

ØDmin (min. delik) ØDmin (min. bore)	κ	κ2	f	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	P	a	ap	Ød	S	Connectcode www.simtek.com/code
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,8 mm													
7,8	18°	8°	4,65	0,2	<b>D08.1846.02 YU R/L</b>	R APDT L ABXT	CBN/GT91	7,65	0,5	6,0	3,5	D08	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,8 mm													
9,8	18°	8°	5,5	0,2	<b>D11.1855.02 YU R/L</b>	R ACNP L ADXH	CBN/GT91	9,5	0,5	8,0	4,2	D11	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm													
10,0	18°	8°	5,6	0,2	<b>D10.1856.02.10 YU R/L</b>	R AJE7 L AAT1	CBN/GT91	9,1	0,5	7,0	3,9	D10	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm													
11,0	18°	8°	6,7	0,2	<b>D11.1867.02 YU R/L</b>	R ABKZ L AEFH	CBN/GT91	10,7	0,5	8,0	4,1	D11	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 13,8 mm													
13,8	18°	8°	8,7	0,2	<b>D14.1887.02 YU R/L</b>	R AE3B L APK7	CBN/GT91	13,2	0,5	9,0	5,3	D14	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 15,5 mm													
15,5	18°	8°	9,7	0,2	<b>D16.1897.02 YU R/L</b>	R AACG L AGZM	CBN/GT91	15,2	0,5	11,0	5,4	D16	

İ Sipariş örneği // Order example: **D10.1856.02.10 YU R CBN8** (R = Sağ model // Right hand version, CBN8 = Kesici kalitesi // Grade)

## Profil tornalama

Ø 7,0 mm'den başlayan iç çap profil tornalama uygulamaları için tasarlanmış kesici takımlar.

## Copying / Profiling

For use in bores as of minimum bore diameter 7,0 mm.

Kesme parametreleri // Cutting parameters (start)

f **0,02 mm/U** Vc **Sayfa/Page 71**

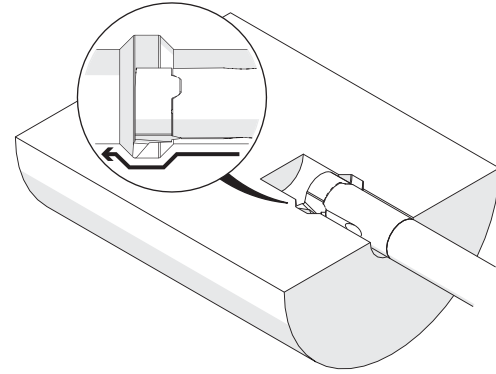
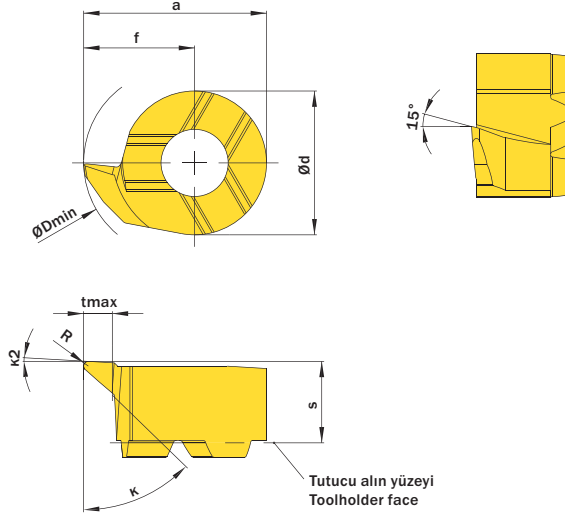
Uyumlu takım tutucu sayfaları // Suitable toolholders on page

**10, 11, 12, 13, 14, 15, 16, 17, 18,**  
**19, 20, 21, 25**



**SP** **HM** **R** Referans **66**  
Legend

QR-Code [www.simtek.info/cp/814](http://www.simtek.info/cp/814)  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D08.4746.02 Y R

ØDmin (min. delik) ØDmin (min. bore)	κ	κ2	f	R	Ürün kodu Part number	Webcode <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a>	Bizim tavsiyemiz Our first choice				a	Ød	S	tmax	Connectcode <a href="http://www.simtek.com/code">www.simtek.com/code</a>
							P	K	M	S					
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,0 mm															
7,0	47°	3°	4,15	0,2	<b>D07.4746.02 YR/L</b>	R AVQU L AXBB	X800	X400		6,55	4,8	3,7	1,2	D07	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,8 mm															
7,8	30°	5°	4,65	0,2	<b>D08.2555.02 YR/L</b>	R ADGØ L AFB6	X800	X400		7,65	6,0	3,5	1,0	D08	
7,8	47°	3°	4,65	0,1	<b>D08.4746.01 YR/L</b>	R AX66 L AX67	X800	X400		7,65	6,0	3,5	1,2	D08	
7,8	47°	3°	4,65	0,2	<b>D08.4746.02 YR/L</b>	R AKYF L AJ2X	X800	X400		7,65	6,0	3,5	1,2	D08	
7,8	47°	3°	4,65	0,4	<b>D08.4746.04 YR/L</b>	R AS6C L AS6D	X800	X400		7,65	6,0	3,5	1,2	D08	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm															
9,0	47°	3°	5,5	0,2	<b>D09.4755.02.09 YR/L</b>	R AWGJ L AWHZ	X800	X400		8,6	6,2	3,6	1,5	D09	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm															
10,0	47°	3°	5,8	0,2	<b>D10.4758.02.10 YR/L</b>	R AD29 L AJQD	X800	X400		9,3	7,0	3,9	1,8	D10	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm															
11,0	30°	5°	6,7	0,2	<b>D11.2755.02 YR/L</b>	R AJ32 L AJHE	X800	X400		10,7	8,0	4,2	2,3	D11	
11,0	47°	3°	6,7	0,2	<b>D11.4767.02 YR/L</b>	R AENC L AA5D	X800	X400		10,7	8,0	4,2	2,3	D11	
11,0	47°	3°	6,7	0,4	<b>D11.4767.04 YR</b>	A232	X800	X400		10,7	8,0	4,2	2,3	D11	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 13,7 mm															
13,7	30°	5°	8,7	0,2	<b>D14.3555.02 YR/L</b>	R ABCT L AACN	X800	X400		13,2	9,0	5,3	4,0	D14	
13,7	47°	3°	8,7	0,2	<b>D14.4787.02 YR/L</b>	R AB9M L ACMV	X800	X400		13,2	9,0	5,3	4,0	D14	
13,7	47°	3°	8,7	0,4	<b>D14.4787.04 YR</b>	A233	X800	X400		13,2	9,0	5,3	4,0	D14	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 15,8 mm															
15,8	30°	5°	10,2	0,2	<b>D16.4055.02 YR/L</b>	R AJWM L AK73	X800	X400		15,7	11,0	5,4	4,3	D16	
15,8	47°	3°	10,2	0,2	<b>D16.4702.02 YR/L</b>	R AEPV L APDF	X800	X400		15,7	11,0	5,4	4,3	D16	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm															
16,0	47°	3°	11,0	0,2	<b>D14.4710.02 YR/L</b>	R ANK4 L AAN6	X800	X400		15,5	9,0	5,2	5,0	D14	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 18,0 mm															
18,0	47°	3°	12,0	0,2	<b>D18.4712.02.18 YR/L</b>	R ADMT L ANKX	X800	X400		17,5	11,0	5,6	6,0	D18	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 20,0 mm															
20,0	47°	3°	14,0	0,2	<b>D18.4714.02.20 YR/L</b>	R AEØB L ABFF	X800	X400		19,5	11,0	5,6	8,0	D18	

İ Sipariş örneği // Order example: **D08.2555.02 YR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Delik tornalama ve Pah kırma

Ø 7,0 mm'den başlayan iç çap uygulamaları için.

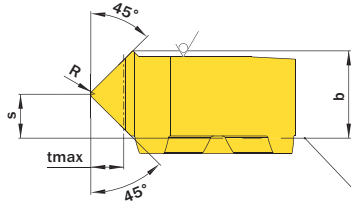
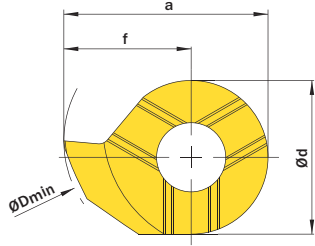
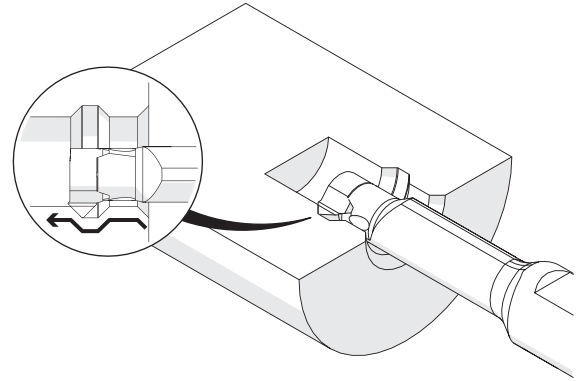
## Boring and Chamfering

For use in bores as of minimum bore diameter 7,0 mm.

Kesme parametreleri // Cutting parameters (start)

f 0,02 mm/U Vc Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page

10, 11, 12, 13, 14, 15, 18, 19, 20,  
21, 25SP  
HM  
RReferans  
Legend 66QR-Code www.simtek.info/cp/816  
Tara // Scan Veya ziyaret edin // Or VisitTutucu alın yüzeyi  
Toolholder face

Görseldeki çizim/Drawing shows: D10.4545.02.10 F R

R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	b	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	s	tmax	Connectcode www.simtek.com/code
mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,0 mm	0,2	<b>D07.4545.02.07 FR/L</b>	R AU56 L AXBA X800 X400	6,6	3,7	4,8	7,0	4,2	2,3	0,8	D07
▼ ØDmin (min. delik) // ØDmin (min. bore) = 8,0 mm	0,2	<b>D08.4545.02 FR/L</b>	R APXW L AC28 X800 X400	7,8	3,2	6,0	8,0	4,8	1,6	1,4	D08
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm	0,2	<b>D09.4545.02.09 FR/L</b>	R AWGH L AWHY X800 X400	8,6	3,55	6,2	9,0	5,5	1,8	1,3	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm	0,2	<b>D10.4545.02.10 FR/L</b>	R ACF9 L AAY2 X800 X400	9,3	4,0	7,0	10,0	5,8	2,0	1,5	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm	0,2	<b>D11.4545.02 FR/L</b>	R AM16 L ACDY X800 X400	10,7	4,3	8,0	11,0	6,7	2,2	1,5	D11
▼ ØDmin (min. delik) // ØDmin (min. bore) = 14,0 mm	0,2	<b>D14.4545.02 FR/L</b>	R AKCK L AM8J X800 X400	13,5	5,35	9,0	14,0	9,0	2,7	1,5	D14

İ Sipariş örneği // Order example: **D08.4545.02 FR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Ters tornalama

Ø 7,8 mm'den başlayan iç çap uygulamalar için.

## Back Boring

For use in bores as of minimum bore diameter 7,8 mm.

Kesme parametreleri // Cutting parameters (start)

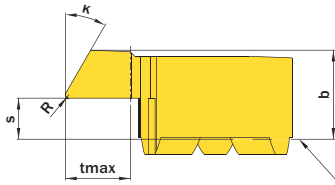
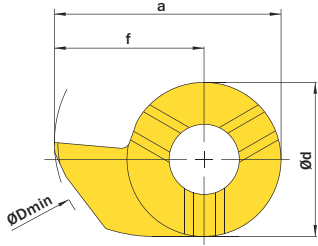
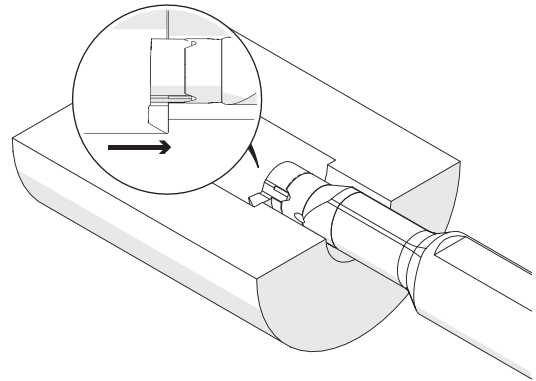
f 0,02 mm/U Vc Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page

11, 12, 13, 14, 15, 17, 18, 20, 21, 25



Referans Legend 66

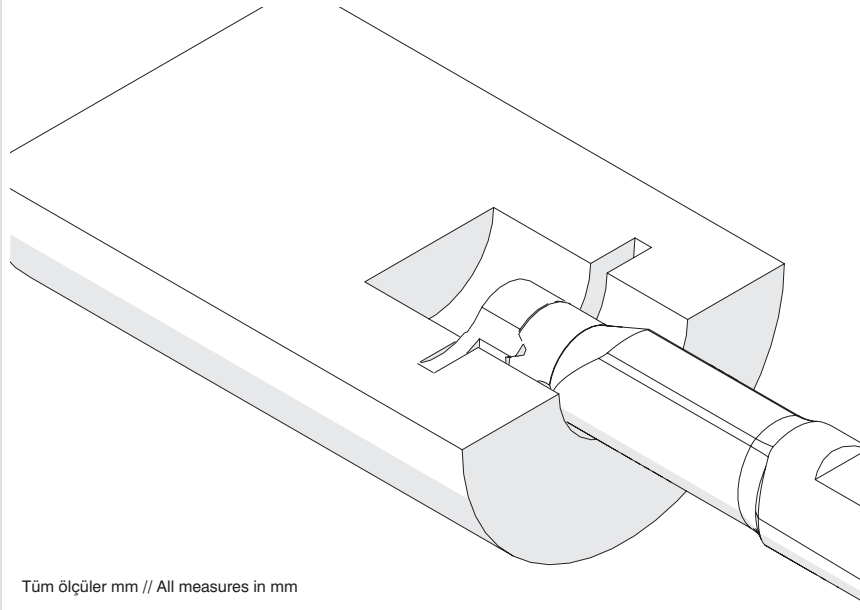
QR-Code www.simtek.info/cp/828  
Tara // Scan Veya ziyaret edin // Or VisitTutucu alın yüzeyi  
Toolholder face

Görseldeki çizim/Drawing shows: D14.3087.02 Y R

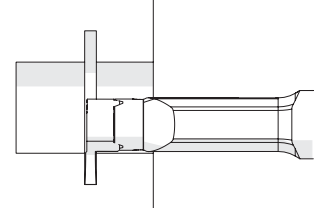
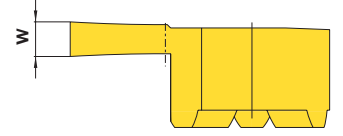
K	f mm	R mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a mm	b mm	Ød mm	ØDmin (min. delik) ØDmin (min. bore) mm	S mm	tmax mm	Connectcode www.simtek.com/ccode
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,8 mm												
30°	4,65	0,2	<b>D08.3046.02 YR/L</b>	R AB86 L AHJF	X800 X400	7,65	3,34	6,0	7,8	1,0	1,3	D08
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm												
30°	5,5	0,2	<b>D09.3055.02.09 YR/L</b>	R AWF6 L AWHK	X800 X400	8,6	3,65	6,2	9,0	1,2	1,7	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm												
30°	6,5	0,2	<b>D09.3065.02.10 YR/L</b>	R AWF7 L AWHM	X800 X400	9,6	3,69	6,2	10,0	1,2	2,3	D09
30°	5,8	0,2	<b>D10.3058.02.10 YR/L</b>	R ACSJ L ANMJ	X800 X400	9,3	3,95	7,0	10,0	1,3	2,0	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm												
30°	6,8	0,2	<b>D10.3068.02.11 YR/L</b>	R AJPW L AN7H	X800 X400	10,3	4,0	7,0	11,0	1,3	2,6	D10
30°	6,7	0,2	<b>D11.3067.02 YR/L</b>	R AJØS L AKZX	X800 X400	10,7	4,3	8,0	11,0	1,6	2,3	D11
▼ ØDmin (min. delik) // ØDmin (min. bore) = 13,8 mm												
30°	8,7	0,2	<b>D14.3087.02 YR/L</b>	R AGJN L AG8E	X800 X400	13,2	5,4	9,0	13,8	2,4	3,5	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 20,0 mm												
30°	14,0	0,2	<b>D18.3014.02.20 YR/L</b>	R AWDS L AWDQ	X800 X400	19,5	5,7	11,0	20,0	1,6	8,0	D18

| Sipariş örneği // Order example: **D14.3087.02 YR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Standart Takımlar // Standard Tools

Kanal açma  
Grooving

Tüm ölçüler mm // All measures in mm



Ürün kodu Part number	ØDmin (min. delik) ØDmin (min. bore)	w	Nominal kanal genişliği Nominal width of groove	Sayfa bakınız See page
D07.0100.00.07 GR/L	7,0	1,0	-	33
D07.0150.00.07 GR/L	7,0	1,5	-	33
D07.0100.00.08 GR/L	7,8	1,0	-	33
D07.0150.00.08 GR/L	7,8	1,5	-	33
D08.0070.00 ZR/L	8,0	0,73	0,7	34
D08.0078.00 GR/L	8,0	0,79	-	34
D08.0080.00 ZR/L	8,0	0,83	0,8	34
D08.0090.00 ZR/L	8,0	0,93	0,9	34
D08.0100.00 GR/L	8,0	1,0	-	34
D08.0110.00 GR/L	8,0	1,2	1,1	34
D08.0130.00 GR/L	8,0	1,4	1,3	34
D08.0150.00 GR/L	8,0	1,5	-	34
D08.0157.00 GR/L	8,0	1,57	-	34
D08.0160.00 GR/L	8,0	1,7	1,6	34
D08.0200.00 GR/L	8,0	2,0	-	34
D09.0070.00.09 GR/L	9,0	0,73	0,7	35
D09.0080.00.09 GR/L	9,0	0,83	0,8	35
D09.0090.00.09 GR/L	9,0	0,93	0,9	35
D09.0100.00.09 GR/L	9,0	1,0	-	35
D09.0110.00.09 GR/L	9,0	1,2	1,1	35
D09.0130.00.09 GR/L	9,0	1,4	1,3	35
D09.0150.00.09 GR/L	9,0	1,5	-	35
D09.0160.00.09 GR/L	9,0	1,7	1,6	35
D09.0200.00.09 GR/L	9,0	2,0	-	35
D09.0250.00.09 GR/L	9,0	2,5	-	35
D09.0300.00.09 GR/L	9,0	3,0	-	35
D10.0070.00.10 GR/L	10,0	0,73	0,7	36
D10.0080.00.10 GR/L	10,0	0,83	0,8	36
D10.0090.00.10 GR/L	10,0	0,93	0,9	36
D10.0100.00.10 GR/L	10,0	1,0	-	36
D10.0110.00.10 GR/L	10,0	1,2	1,1	36
D10.0130.00.10 GR/L	10,0	1,4	1,3	36
D10.0150.00.10 GR/L	10,0	1,5	-	36
D10.0160.00.10 GR/L	10,0	1,7	1,6	36
D10.0200.00.10 GR/L	10,0	2,0	-	36
D10.0238.00.10 GR/L	10,0	2,39	-	36
D10.0250.00.10 GR/L	10,0	2,5	-	36
D10.0300.00.10 GR/L	10,0	3,0	-	36
D10.0318.00.10 GR/L	10,0	3,18	-	36
D11.0070.00 ZR/L	11,0	0,73	0,7	38
D11.0078.00 ZR/L	11,0	0,79	-	38

Ürün kodu Part number	ØDmin (min. delik) ØDmin (min. bore)	w	Nominal kanal genişliği Nominal width of groove	Sayfa bakınız See page
D11.0080.00 ZR/L	11,0	0,83	0,8	38
D11.0090.00 ZR/L	11,0	0,93	0,9	38
D10.0100.00.11 GR/L	11,0	1,0	-	37
D11.0100.00 GR/L	11,0	1,0	-	38
D11.0110.00 GR/L	11,0	1,2	1,1	38
D11.0130.00 GR/L	11,0	1,4	1,3	38
D10.0150.00.11 GR/L	11,0	1,5	-	37
D11.0150.00 GR/L	11,0	1,5	-	38
D11.0157.00 GR/L	11,0	1,57	-	38
D11.0160.00 GR/L	11,0	1,7	1,6	38
D10.0200.00.11 GR/L	11,0	2,0	-	37
D11.0200.00 GR/L	11,0	2,0	-	38
D10.0238.00.11 GR/L	11,0	2,38	-	37
D11.0238.00 GR/L	11,0	2,38	-	38
D10.0250.00.11 GR/L	11,0	2,5	-	37
D11.0250.00 GR/L	11,0	2,5	-	38
D10.0300.00.11 GR/L	11,0	3,0	-	37
D11.0300.00 GR/L	11,0	3,0	-	38
D10.0318.00.11 GR/L	11,0	3,18	-	37
D11.0318.00 GR/L	11,0	3,18	-	38
D10.0100.00.12 GR/L	12,0	1,0	-	39
D10.0150.00.12 GR/L	12,0	1,5	-	39
D10.0200.00.12 GR/L	12,0	2,0	-	39
D14.0070.00 ZR/L	14,0	0,73	0,7	40
D14.0078.00 ZR/L	14,0	0,78	-	40
D14.0080.00 ZR/L	14,0	0,83	0,8	40
D14.0086.00 ZR/L	14,0	0,86	-	40
D14.0090.00 ZR/L	14,0	0,93	0,9	40
D14.0100.00 ZR/L	14,0	1,0	-	40
D14.0110.00 GR/L	14,0	1,2	1,1	40
D14.0130.00 GR/L	14,0	1,4	1,3	40
D14.0150.00 GR/L	14,0	1,5	-	40
D14.0157.00 GR/L	14,0	1,57	-	40
D14.0160.00 GR/L	14,0	1,7	1,6	40
D14.0200.00 GR/L	14,0	2,0	-	40
D14.0238.00 GR/L	14,0	2,38	-	40
D14.0250.00 GR/L	14,0	2,5	-	40
D14.0300.00 GR/L	14,0	3,0	-	40
D14.0318.00 GR/L	14,0	3,18	-	40
D16.0070.00 ZR/L	16,0	0,73	0,7	42
D16.0078.00 ZR/L	16,0	0,79	-	42

Ürün kodu Part number	ØDmin (min. delik) ØDmin (min. bore)	w	Nominal kanal genişliği Nominal width of groove	Sayfa bakınız See page
D16.0080.00 ZR/L	16,0	0,83	0,8	42
D16.0090.00 ZR/L	16,0	0,93	0,9	42
D16.0110.00 GR/L	16,0	1,2	1,1	42
D16.0130.00 GR/L	16,0	1,4	1,3	42
D14.0150.00.16 GR/L	16,0	1,5	-	41
D16.0150.00 GR/L	16,0	1,5	-	42
D16.0157.00 GR/L	16,0	1,57	-	42
D16.0160.00 GR/L	16,0	1,7	1,6	42
D14.0200.00.16 GR/L	16,0	2,0	-	41
D16.0200.00 GR/L	16,0	2,0	-	42
D14.0250.00.16 GR/L	16,0	2,5	-	41
D16.0250.00 GR/L	16,0	2,5	-	42
D14.0300.00.16 GR/L	16,0	3,0	-	41
D16.0300.00 GR/L	16,0	3,0	-	42
D16.0350.00 GR/L	16,0	3,5	-	42
D16.0400.00 GR/L	16,0	4,0	-	42
D14.0150.00.17 GR/L	17,0	1,5	-	43
D14.0200.00.17 GR/L	17,0	2,0	-	43
D14.0250.00.17 GR/L	17,0	2,5	-	43
D14.0300.00.17 GR/L	17,0	3,0	-	43
D18.0150.00.18 GR/L	18,0	1,5	-	44
D18.0200.00.18 GR/L	18,0	2,0	-	44
D18.0238.00.18 GR/L	18,0	2,39	-	44
D18.0250.00.18 GR/L	18,0	2,5	-	44
D18.0300.00.18 GR/L	18,0	3,0	-	44
D18.0318.00.18 GR/L	18,0	3,18	-	44
D18.0350.00.18 GR/L	18,0	3,5	-	44
D18.0400.00.18 GR/L	18,0	4,0	-	44
D18.0150.00.20 GR/L	20,0	1,5	-	45
D18.0200.00.20 GR/L	20,0	2,0	-	45
D18.0238.00.20 GR/L	20,0	2,39	-	45
D18.0250.00.20 GR/L	20,0	2,5	-	45
D18.0300.00.20 GR/L	20,0	3,0	-	45
D18.0350.00.20 GR/L	20,0	3,5	-	45
D18.0400.00.20 GR/L	20,0	4,0	-	45



## Kanal açma

Ø 7,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 7,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

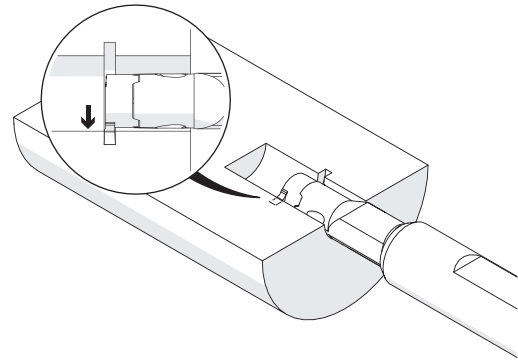
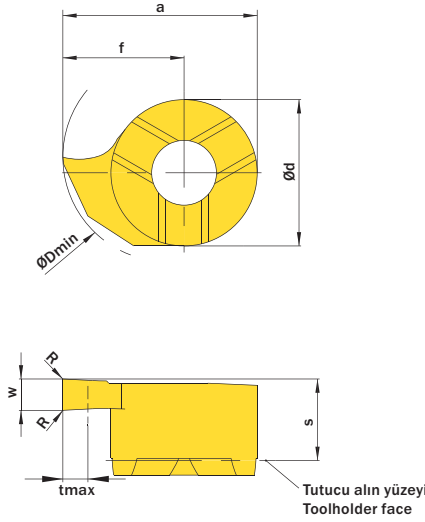
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
10, 19, 21

Benzer takımlar için sayfa // Similar tools on page  
32



SP  
HM  
R Referans  
Legend 66

QR-Code www.simtek.info/cp/965  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
					P K M N S							

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: **D07.0150.00.08 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D07. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .07 Tolerans/Tolerance R

Örnek ürün kodu/Example Part number: **D07.0156.015.07 XNR**

## Kanal açma

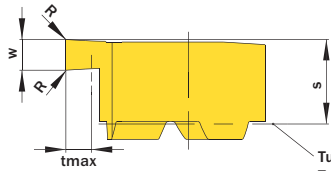
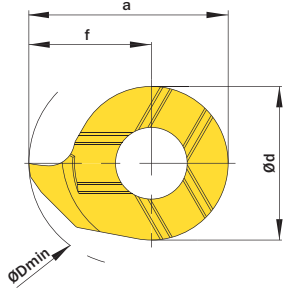
Ø 8,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

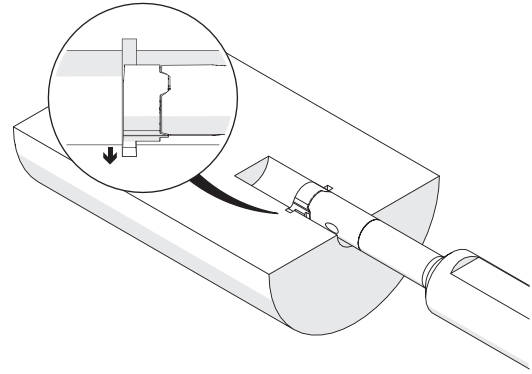
For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 8,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
11, 20Benzer takımlar için sayfa // Similar tools on page  
32Referans  
Legend 66QR-Code www.simtek.info/cp/829  
Tara // Scan Veya ziyaret edin // Or VisitTutucu alın yüzeyi  
Toolholder face

Görseledeki çizim/Drawing shows: D08.0110.00 G R



W*±0,03	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related Items can be found on the previous page as well!

0,73	0,7	8,0	D08.0070.00 ZR/L	R AB9U L ADBZ X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
0,79	-	8,0	D08.0078.00 GR/L	R ANEN L AH0A X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
0,83	0,8	8,0	D08.0080.00 ZR/L	R AKJ6 L AMGG X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
0,93	0,9	8,0	D08.0090.00 ZR/L	R AN56 L AMYN X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
1,0	-	8,0	D08.0100.00 GR/L	R AKUA L AGCE X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
1,2	1,1	8,0	D08.0110.00 GR/L	R ABPM L ANT9 X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
1,4	1,3	8,0	D08.0130.00 GR/L	R AMN4 L AG33 X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
1,5	-	8,0	D08.0150.00 GR/L	R AK83 L AFKC X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
1,57	-	8,0	D08.0157.00 GR/L	R AKYG L AHA1 X800 X400	7,8	7,8	6,0	-	3,3	1,0	D08
1,7	1,6	8,0	D08.0160.00 GR/L	R ACV2 L AGGD X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08
2,0	-	8,0	D08.0200.00 GR/L	R AJB6 L ANSM X800 X400	7,8	6,0	4,8	-	3,3	1,0	D08

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: D08.0150.00 GR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D08. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits Tolerans/Tolerance R/L

Örnek ürün kodu/Example Part number: D08.0156.015 XN R or D08.0156.015 XN L

## Kanal açma

Ø 9,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 9,0 mm.

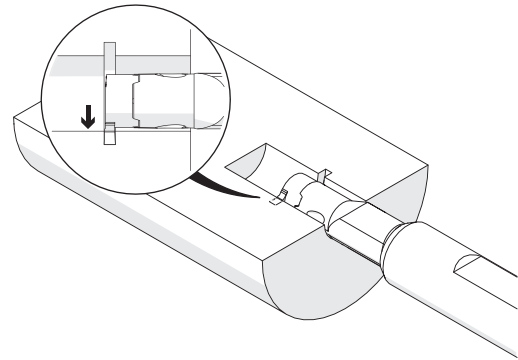
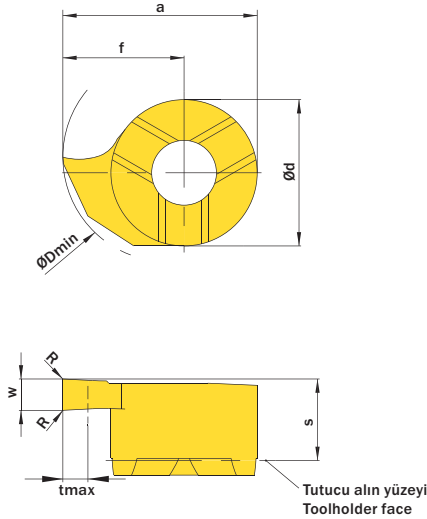
Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
12, 21Benzer takımlar için sayfa // Similar tools on page  
32

SP	HM	R	Referans	66
Legend				

QR-Code www.simtek.info/cp/988  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/ccode
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

0,73	0,7	9,0	<b>D09.0070.00.09 GR/L</b>	R AWF	L AWH	X800 X400	8,6	6,2	5,5	-	3,6	1,2	D09
0,83	0,8	9,0	<b>D09.0080.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,3	D09
0,93	0,9	9,0	<b>D09.0090.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,5	D09
1,0	-	9,0	<b>D09.0100.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
1,2	1,1	9,0	<b>D09.0110.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
1,4	1,3	9,0	<b>D09.0130.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
1,5	-	9,0	<b>D09.0150.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
1,7	1,6	9,0	<b>D09.0160.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
2,0	-	9,0	<b>D09.0200.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
2,5	-	9,0	<b>D09.0250.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09
3,0	-	9,0	<b>D09.0300.00.09 GR/L</b>	R AWF	L AWG	X800 X400	8,6	6,2	5,5	-	3,6	1,8	D09

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: **D09.0200.00.09 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D09. w. 1/100 mm. 4 Hane/Digits . R. 1/100 mm. 3 Hane/Digits .09 Tolerans/Tolerance R  
Örnek ürün kodu/Example Part number: **D09.0156.015.09 XN R**

## Kanal açma

Ø 10,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 10,0 mm

Kesme parametreleri // Cutting parameters (start)

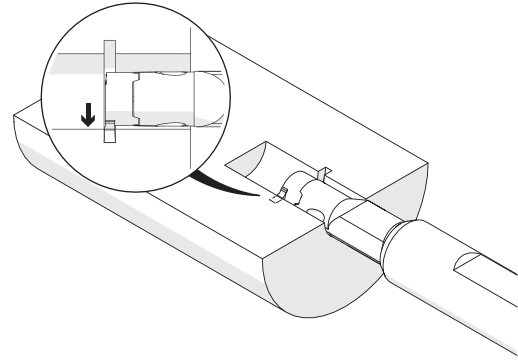
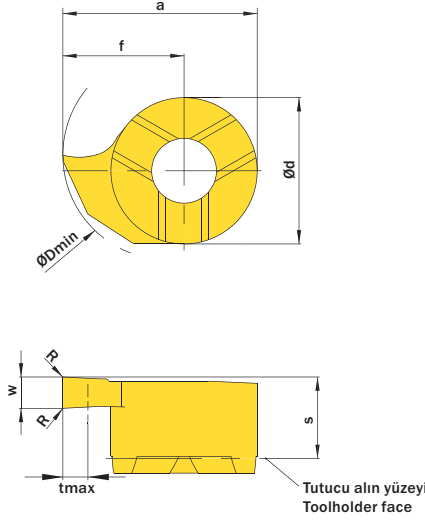
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
13, 18, 21

Benzer takımlar için sayfa // Similar tools on page  
32

Referans  
Legend 66

QR-Code www.simtek.info/cp/839  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/ccode
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

0,73	0,7	10,0	D10.0070.00.10 GR/L	R AFSU L AAB2 X800 X400	9,3	7,0	5,8	-	3,9	1,2	D10
0,83	0,8	10,0	D10.0080.00.10 GR/L	R AHQS L AGM7 X800 X400	9,3	7,0	5,8	-	3,9	1,3	D10
0,93	0,9	10,0	D10.0090.00.10 GR/L	R AMHS L AG18 X800 X400	9,3	7,0	5,8	-	3,9	1,5	D10
1,0	-	10,0	D10.0100.00.10 GR/L	R AH7V L APDY X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
1,2	1,1	10,0	D10.0110.00.10 GR/L	R AC8U L ADN2 X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
1,4	1,3	10,0	D10.0130.00.10 GR/L	R ANFZ L AG0G X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
1,5	-	10,0	D10.0150.00.10 GR/L	R AG47 L AG0K X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
1,7	1,6	10,0	D10.0160.00.10 GR/L	R ANVJ L AJV0 X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
2,0	-	10,0	D10.0200.00.10 GR/L	R AAGC L APGT X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
2,39	-	10,0	D10.0238.00.10 GR/L	R A07V L A07U X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
2,5	-	10,0	D10.0250.00.10 GR/L	R AKZ9 L AH47 X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
3,0	-	10,0	D10.0300.00.10 GR/L	R AJ38 L AKF5 X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10
3,18	-	10,0	D10.0318.00.10 GR/L	R AF7U L ABBT X800 X400	9,3	7,0	5,8	-	3,9	1,8	D10

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: D10.0250.00.10 GR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D10. w, 1/100 mm, 4 Hane/Digits - R, 1/100 mm, 3 Hane/Digits .10 Tolerans/Tolerance R/L

Örnek ürün kodu/Example Part number: D10.0156.015.10 XN R veya/ör D10.0156.015.10 XN L

## Kanal açma

Ø 11,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 11,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
13, 18, 21

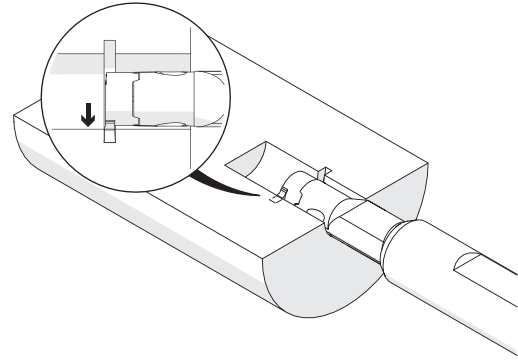
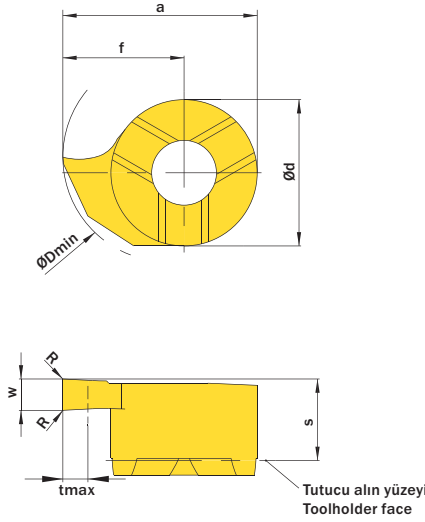
Benzer takımlar için sayfa // Similar tools on page  
32



SP  
CBN HM R

Referans  
Legend 66

QR-Code www.simtek.info/cp/853  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/ccode
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

◀ Tablonun Devamı  
Continued Table

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

1,0	-	11,0	D10.0100.00.11 GR/L	R AM4Q L AFYT X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10
1,5	-	11,0	D10.0150.00.11 GR/L	R AD1W L AJNG X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10
2,0	-	11,0	D10.0200.00.11 GR/L	R ANQ9 L AAD7 X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10
2,39	-	11,0	D10.0238.00.11 GR/L	R A07W L A07X X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10
2,5	-	11,0	D10.0250.00.11 GR/L	R AFX1 L AM7Q X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10
3,0	-	11,0	D10.0300.00.11 GR/L	R AANE L AHDC X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10
3,18	-	11,0	D10.0318.00.11 GR/L	R AGWZ L AM7D X800 X400	10,3	7,0	6,8	-	3,9	2,8	D10

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: D10.0200.00.11 GR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D10. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .11 Tolerans/Tolerance R/L

Örnek ürün kodu/Example Part number: D10.0156.015.11 XNR veya/or D10.0156.015.11 XNL

## Kanal açma

Ø 11,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 11,0 mm.

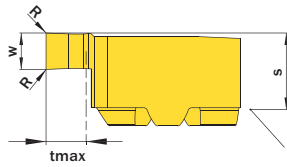
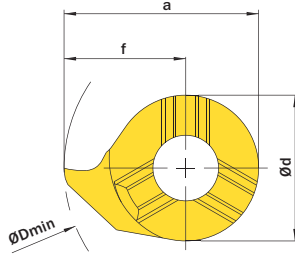
Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

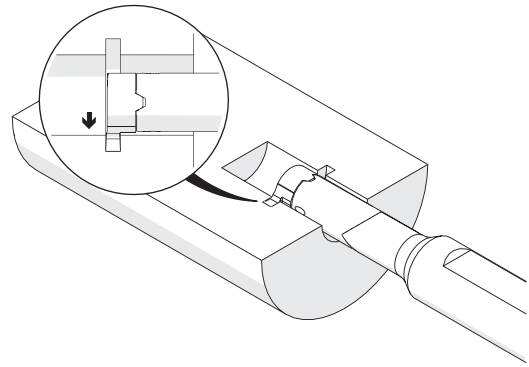
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
14, 20Benzer takımlar için sayfa // Similar tools on page  
32

SP	HM	R	Referans Legend	66
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QR-Code www.simtek.info/cp/840  
Tara // Scan Veya ziyaret edin // Or Visit

Tutucu alın yüzeyi  
Toolholder face

Görseledeki çizim/Drawing shows: D11.0200.00 G R



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

◀ Tablonun Devamı  
Continued Table

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

0,73	0,7	11,0	<b>D11.0070.00 ZR/L</b>	R AP1P L APPC	X800 X400	10,7	8,0	6,7	-	4,2	1,2	D11
0,79	-	11,0	<b>D11.0078.00 ZR/L</b>	R AMV4 L AJGV	X800 X400	10,7	8,0	6,7	-	4,2	1,3	D11
0,83	0,8	11,0	<b>D11.0080.00 ZR/L</b>	R AJWD L AAC9	X800 X400	10,7	8,0	6,7	-	4,2	1,3	D11
0,93	0,9	11,0	<b>D11.0090.00 ZR/L</b>	R AJX5 L AFEU	X800 X400	10,7	8,0	6,7	-	4,2	1,5	D11
1,0	-	11,0	<b>D11.0100.00 GR/L</b>	R AF27 L AA5C	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
1,2	1,1	11,0	<b>D11.0110.00 GR/L</b>	R AC49 L APPØ	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
1,4	1,3	11,0	<b>D11.0130.00 GR/L</b>	R ABF3 L ABS9	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
1,5	-	11,0	<b>D11.0150.00 GR/L</b>	R ADEV L AMGD	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
1,57	-	11,0	<b>D11.0157.00 GR/L</b>	R AEAT L APWW	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
1,7	1,6	11,0	<b>D11.0160.00 GR/L</b>	R AK4Q L AJJG	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
2,0	-	11,0	<b>D11.0200.00 GR/L</b>	R AKEC L AP3Ø	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
2,39	-	11,0	<b>D11.0238.00 GR/L</b>	R ANH9 L AHAØ	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
2,5	-	11,0	<b>D11.0250.00 GR/L</b>	R AB6U L AM9Ø	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
3,0	-	11,0	<b>D11.0300.00 GR/L</b>	R AP3N L AAAP	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11
3,18	-	11,0	<b>D11.0318.00 GR/L</b>	R AKB5 L AF8V	X800 X400	10,7	8,0	6,7	-	4,2	2,3	D11

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: **D11.0110.00 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual | D11. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits Tolerans/Tolerance R/L  
Örnek ürün kodu/Example Part number: **D11.0156.015 XNR** veya/or **D11.0156.015 XNL**

## Kanal açma

Ø 12,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 12,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

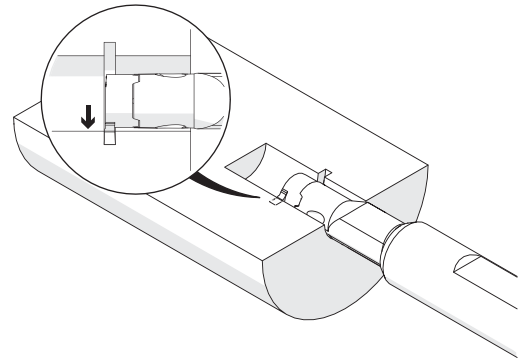
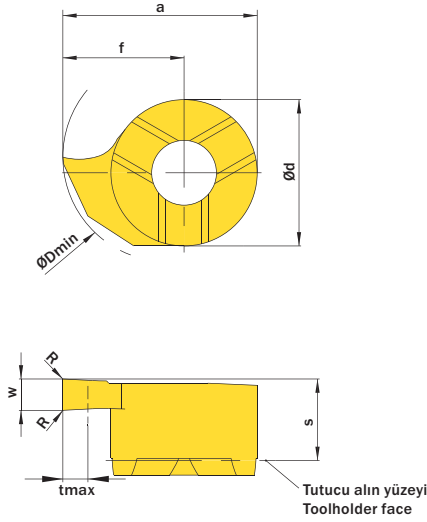
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
13, 18, 21

Benzer takımlar için sayfa // Similar tools on page  
32



SP	Referans	66
HM	Legend	
R		

QR-Code www.simtek.info/cp/854  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

◀ Tablonun Devamı  
Continued Table

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

1,0	-	12,0	<b>D10.0100.00.12 GR/L</b>	R AJBX L AMJU	X800 X400	10,9	7,0	7,4	-	3,8	3,4	D10
1,5	-	12,0	<b>D10.0150.00.12 GR/L</b>	R ABE6 L AGJW	X800 X400	10,9	7,0	7,4	-	3,9	3,4	D10
2,0	-	12,0	<b>D10.0200.00.12 GR/L</b>	R AHWQ L AETB	X800 X400	10,9	7,0	7,4	-	3,9	3,4	D10

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: **D10.0100.00.12 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D10. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .12 Tolerans/Tolerance R/L  
Örnek ürün kodu/Example Part number: **D10.0156.015.12 XN R** veya/or **D10.0156.015.12 XN L**

## Kanal açma

Ø 14,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 14,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

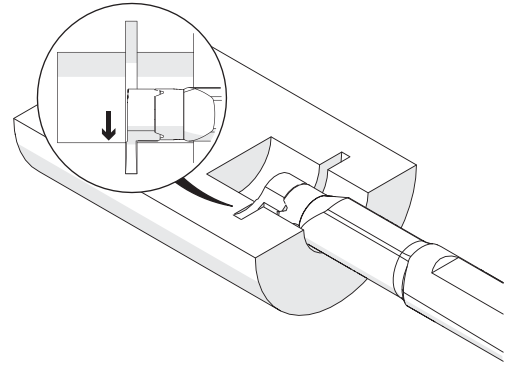
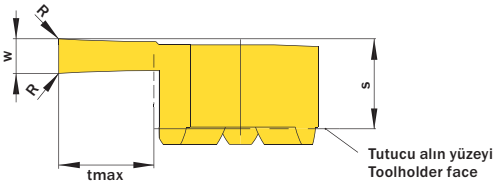
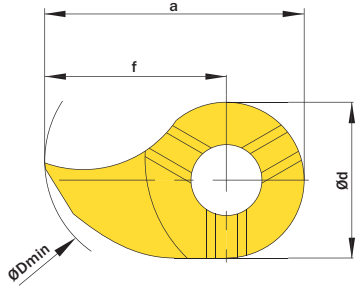
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
15, 18, 21, 25

Benzer takımlar için sayfa // Similar tools on page  
32



SP  
HM R Referans  
Legend 66

QR-Code www.simtek.info/cp/841  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

◀ Tablonun Devamı  
Continued Table

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

0,73	0,7	14,0	D14.0070.00 ZR/L	R AB83 L AMAH X800 X400	13,5	9,0	9,0	-	5,2	1,2	D14
0,79	-	14,0	D14.0078.00 ZR/L	R AFD3 L AJ0C X800 X400	13,5	9,0	9,0	-	5,2	1,3	D14
0,83	0,8	14,0	D14.0080.00 ZR/L	R AF8T L AMXS X800 X400	13,5	9,0	9,0	-	5,2	1,3	D14
0,86	-	14,0	D14.0086.00 ZR/L	R AJV2 L ADKX X800 X400	13,5	9,0	9,0	-	5,2	1,5	D14
0,93	0,9	14,0	D14.0090.00 ZR/L	R AEAM L ADZA X800 X400	13,5	9,0	9,0	-	5,2	1,5	D14
1,0	-	14,0	D14.0100.00 ZR/L	R APFC L AMY9 X800 X400	13,5	9,0	9,0	-	5,2	4,0	D14
1,2	1,1	14,0	D14.0110.00 GR/L	R AK84 L AM81 X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
1,4	1,3	14,0	D14.0130.00 GR/L	R ADGC L AAFB X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
1,5	-	14,0	D14.0150.00 GR/L	R AK6Q L AAJG X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
1,57	-	14,0	D14.0157.00 GR/L	R ANYM L AFDN X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
1,7	1,6	14,0	D14.0160.00 GR/L	R AJTA L AC77 X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
2,0	-	14,0	D14.0200.00 GR/L	R AG8N L AMW3 X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
2,39	-	14,0	D14.0238.00 GR/L	R ACPCL AB79 X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
2,5	-	14,0	D14.0250.00 GR/L	R AHSS L AA56 X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
3,0	-	14,0	D14.0300.00 GR/L	R AFFU L AHHA X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14
3,18	-	14,0	D14.0318.00 GR/L	R AKKN L APJD X800 X400	13,5	9,0	9,0	-	5,3	4,0	D14

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: D14.0200.00 GR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)



## Kanal açma

Ø 16,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 16,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

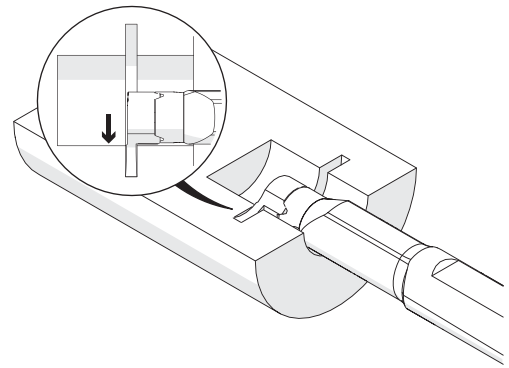
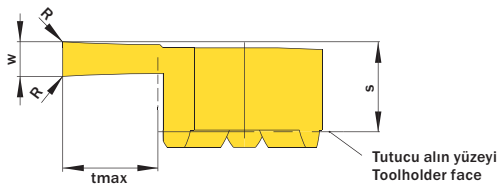
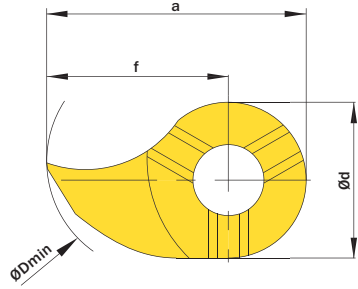
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
15, 18, 21, 25

Benzer takımlar için sayfa // Similar tools on page  
32



Referans Legend 66

QR-Code www.simtek.info/cp/855  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

◀ Tablonun Devamı  
Continued Table

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

1,5	-	16,0	<b>D14.0150.00.16 GR/L</b>	R ANA2 L AG4U	X800 X400	15,0	9,0	10,5	-	5,0	5,5	D14
2,0	-	16,0	<b>D14.0200.00.16 GR/L</b>	R AAV5 L AKC6	X800 X400	15,0	9,0	10,5	-	5,2	5,5	D14
2,5	-	16,0	<b>D14.0250.00.16 GR/L</b>	R AN8C L AKHJ	X800 X400	15,0	9,0	10,5	-	5,2	5,5	D14
3,0	-	16,0	<b>D14.0300.00.16 GR/L</b>	R ANWY L ABDA	X800 X400	15,0	9,0	10,5	-	5,2	5,5	D14

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: **D14.0250.00.16 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D14. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .16 Tolerans/Tolerance R/L

Örnek ürün kodu/Example Part number: **D14.0156.015.16 XN R** veya/ör **D14.0156.015.16 XN L**

## Kanal açma

Ø 16,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

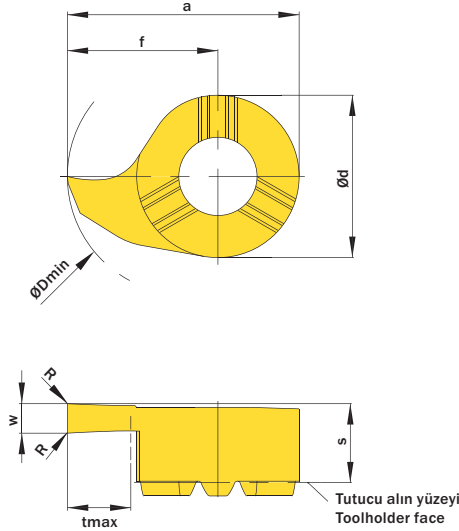
For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 16,0 mm.

Kesme parametreleri // Cutting parameters (start)

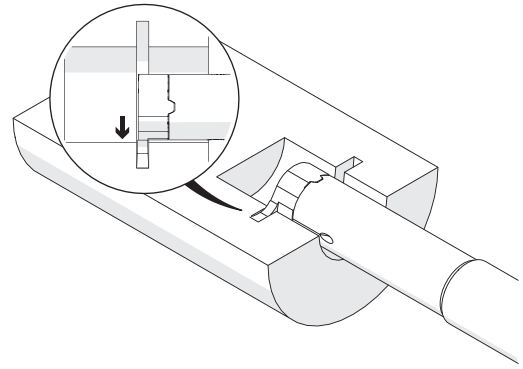
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
16, 20Benzer takımlar için sayfa // Similar tools on page  
32

SP	SP	R
CBN	HM	

Referans  
Legend 66QR-Code www.simtek.info/cp/842  
Tara // Scan Veya ziyaret edin // Or Visit

Görseldeki çizim/Drawing shows: D16.0200.00 G R



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related items can be found on the previous page as well!

0,73	0,7	16,0	<b>D16.0070.00 ZR/L</b>	R AF7C L AN2X	X800 X400	15,7	11,0	10,2	-	5,2	1,2	D16
0,79	-	16,0	<b>D16.0078.00 ZR/L</b>	R AMHC L AHKC	X800 X400	15,7	11,0	10,2	-	5,2	1,3	D16
0,83	0,8	16,0	<b>D16.0080.00 ZR/L</b>	R AATC L AFUU	X800 X400	15,7	11,0	10,2	-	5,2	1,3	D16
0,93	0,9	16,0	<b>D16.0090.00 ZR/L</b>	R ADHV L ABYM	X800 X400	15,7	11,0	10,2	-	5,2	1,5	D16
1,2	1,1	16,0	<b>D16.0110.00 GR/L</b>	R AKCH L AGF2	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
1,4	1,3	16,0	<b>D16.0130.00 GR/L</b>	R AEQ6 L ADJ0	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
1,5	-	16,0	<b>D16.0150.00 GR/L</b>	R AEX2 L ACK6	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
1,57	-	16,0	<b>D16.0157.00 GR/L</b>	R APGQ L AHAE	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
1,7	1,6	16,0	<b>D16.0160.00 GR/L</b>	R ANNC L AGBT	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
2,0	-	16,0	<b>D16.0200.00 GR/L</b>	R ACXX L APFT	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
2,5	-	16,0	<b>D16.0250.00 GR/L</b>	R AAMN L AA16	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
3,0	-	16,0	<b>D16.0300.00 GR/L</b>	R AHSW L AHXD	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
3,5	-	16,0	<b>D16.0350.00 GR/L</b>	R ADH9 L AFEH	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16
4,0	-	16,0	<b>D16.0400.00 GR/L</b>	R ACJ0 L AE9X	X800 X400	15,7	11,0	10,2	-	5,4	4,3	D16

Benzer takımları bir sonraki sayfada bulabilirsiniz!  
Related items can be found on the following page as well!Tablonun Devamı  
Continued TableSipariş örneği // Order example: **D16.0150.00 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D16. w, 1/100 mm, 4 Hane/Digits - R, 1/100 mm, 3 Hane/Digits Tolerans/Tolerance R/L

Örnek ürün kodu/Example Part number: **D16.0156.015 XN R** veya/or **D16.0156.015 XN L**

## Kanal açma

Ø 17,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 17,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

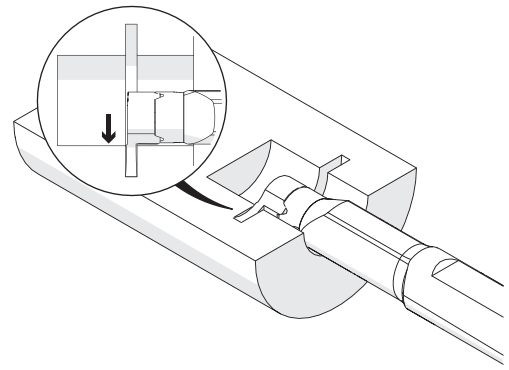
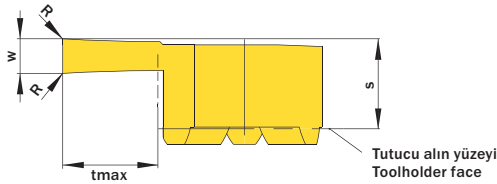
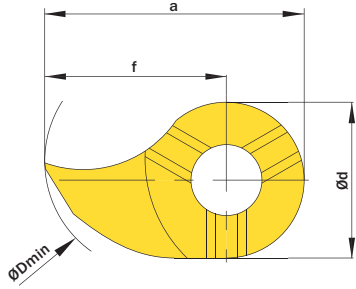
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
15, 18, 21, 25

Benzer takımlar için sayfa // Similar tools on page  
32



SP  
HM  
R Referans  
Legend 66

QR-Code www.simtek.info/cp/856  
Tara // Scan Veya ziyaret edin // Or Visit



w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

1,5	-	17,0	<b>D14.0150.00.17 GR/L</b>	R AJDY L APPU	X800 X400	16,0	9,0	11,5	-	5,0	6,5	D14
2,0	-	17,0	<b>D14.0200.00.17 GR/L</b>	R AB9C L AH3A	X800 X400	16,0	9,0	11,5	-	5,2	6,5	D14
2,5	-	17,0	<b>D14.0250.00.17 GR/L</b>	R ANU2 L AFBS	X800 X400	16,0	9,0	11,5	-	5,2	6,5	D14
3,0	-	17,0	<b>D14.0300.00.17 GR/L</b>	R AATP L AHW1	X800 X400	16,0	9,0	11,5	-	5,2	6,5	D14

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: **D14.0200.00.17 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D14. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .17 Tolerans/Tolerance R/L  
Örnek ürün kodu/Example Part number: **D14.0156.015.17 XN R** veya/ör **D14.0156.015.17 XN L**

## Kanal açma

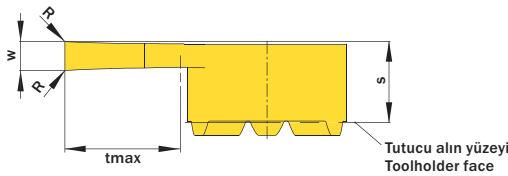
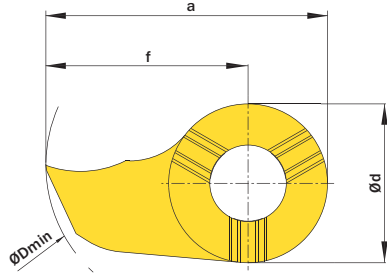
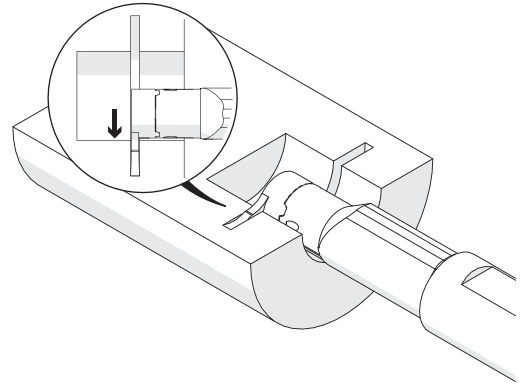
Ø 18,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 18,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
17, 21Benzer takımlar için sayfa // Similar tools on page  
32Referans  
Legend 66QR-Code www.simtek.info/cp/843  
Tara // Scan Veya ziyaret edin // Or VisitTutucu alın yüzeyi  
Toolholder face

w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related Items can be found on the previous page as well!

1,5	-	18,0	<b>D18.0150.00.18 GR/L</b>	R AKZ7 L AM2H	X800 X400	17,5	11,0	12,0	-	5,6	6,0	D18
2,0	-	18,0	<b>D18.0200.00.18 GR/L</b>	R AJ4W L AJFJ	X800 X400	17,5	11,0	12,0	-	5,6	6,0	D18
2,39	-	18,0	<b>D18.0238.00.18 GR/L</b>	R A1DG L A1DJ	X800 X400	17,5	11,0	12,0	-	6,0	6,0	D18
2,5	-	18,0	<b>D18.0250.00.18 GR/L</b>	R ADDT L AEK0	X800 X400	17,5	11,0	12,0	-	5,6	6,0	D18
3,0	-	18,0	<b>D18.0300.00.18 GR/L</b>	R AM20 L ANNX	X800 X400	17,5	11,0	12,0	-	5,6	6,0	D18
3,18	-	18,0	<b>D18.0318.00.18 GR/L</b>	R AVWC L AVWD	X800 X400	17,5	11,0	12,0	-	6,0	6,0	D18
3,5	-	18,0	<b>D18.0350.00.18 GR/L</b>	R AGY9 L ACQ7	X800 X400	17,5	11,0	12,0	-	5,6	6,0	D18
4,0	-	18,0	<b>D18.0400.00.18 GR/L</b>	R AC7M L AAVV	X800 X400	17,5	11,0	12,0	-	5,6	6,0	D18

Benzer takımları bir sonraki sayfada bulabilirsiniz!  
Related Items can be found on the following page as well!Tablonun Devamı  
Continued TableSipariş örneği // Order example: **D18.0300.00.18 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)simtek individual | D18. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .18 Tolerans/Tolerance R/L  
Örnek ürün kodu/Example Part number: **D18.0156.015.18 XNR** veya/ör **D18.0156.015.18 XNL**

## Kanal açma

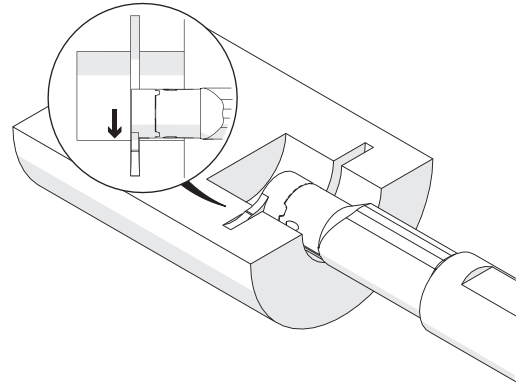
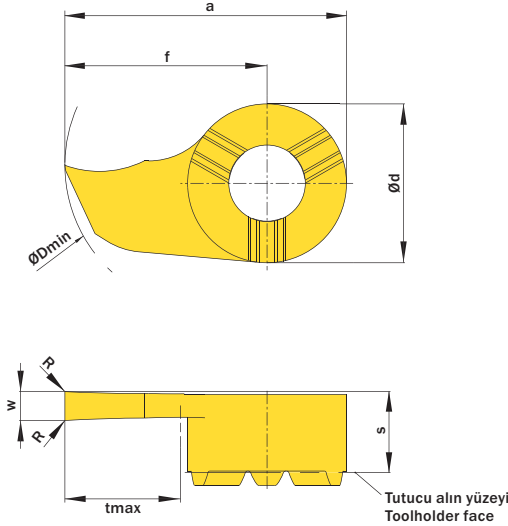
Ø 20,0 mm'den başlayan iç çap uygulamalarda genel kanal açma ve segman kanal açma.

## Grooving

For general grooving as well as for circlip ring grooving. For use in bores as of minimum bore diameter 20,0 mm.

Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
17, 21Benzer takımlar için sayfa // Similar tools on page  
32Referans  
Legend 66QR-Code www.simtek.info/cp/857  
Tara // Scan Veya ziyaret edin // Or Visit

w <sup>+0,03</sup>	Nominal kanal genişliği Nominal width of groove	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	R	S	tmax	Connectcode www.simtek.com/code
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued TableBenzer takımları bir önceki sayfada bulabilirsiniz!  
Related items can be found on the previous page as well!

1,5	-	20,0	<b>D18.0150.00.20 GR/L</b>	R AMAQ L AB14	X800 X400	19,5	11,0	14,0	-	5,6	8,0	D18
2,0	-	20,0	<b>D18.0200.00.20 GR/L</b>	R AM2K L AMM9	X800 X400	19,5	11,0	14,0	-	5,6	8,0	D18
2,39	-	20,0	<b>D18.0238.00.20 GR/L</b>	R A1D3 L A1D2	X800 X400	19,5	11,0	14,0	-	6,0	8,0	D18
2,5	-	20,0	<b>D18.0250.00.20 GR/L</b>	R ADCV L AABA	X800 X400	19,5	11,0	14,0	-	5,6	8,0	D18
3,0	-	20,0	<b>D18.0300.00.20 GR/L</b>	R AF2Q L AEJG	X800 X400	19,5	11,0	14,0	-	5,6	8,0	D18
3,5	-	20,0	<b>D18.0350.00.20 GR/L</b>	R AJSF L AEH4	X800 X400	19,5	11,0	14,0	-	5,6	8,0	D18
4,0	-	20,0	<b>D18.0400.00.20 GR/L</b>	R AMJZ L AEAS	X800 X400	19,5	11,0	14,0	-	5,6	8,0	D18

İ Sipariş örneği // Order example: **D18.0300.00.20 GR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

simtek individual

D18. w, 1/100 mm, 4 Hane/Digits . R, 1/100 mm, 3 Hane/Digits .20 Tolerans/Tolerance R/L

Örnek ürün kodu/Example Part number: **D18.0156.015.20 XN R** veya/ör **D18.0156.015.20 XN L**

## Kanal açma ve Profil tornalama

Ø 7,8 mm'den başlayan iç çap uygulamalar için kanal açma ve profil tornalama işlemleri için kesici takımlar.

## Grooving and Profiling

For use in bores as of minimum bore diameter 7,8 mm.

Kesme parametreleri // Cutting parameters (start)

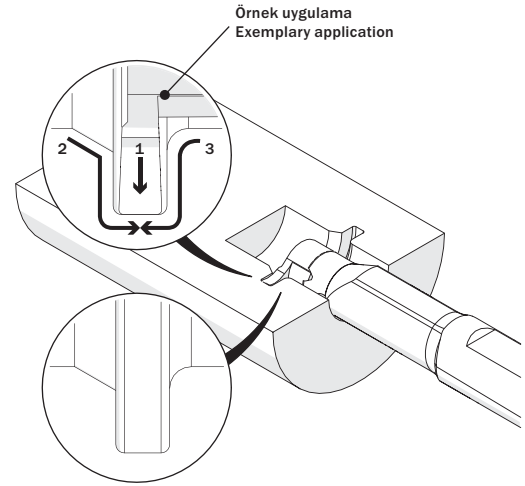
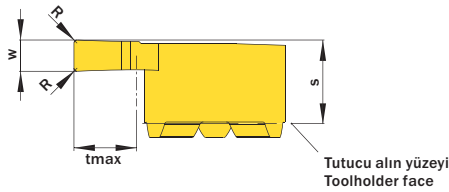
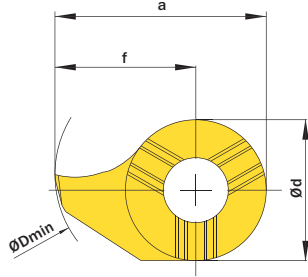
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
10, 11, 12, 13, 14, 18, 19, 20, 21



SP  
HM  
R Referans  
Legend 66

QR-Code www.simtek.info/cp/827  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.0200.02 N R

w <sup>+0,03</sup>	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	s	tmax	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,8 mm											
1,5	0,2	<b>D07.0150.02.08 NR/L</b>	R AWYH L AXA7	X800 X400	7,6	4,8	7,8	5,2	3,7	2,0	D07
▼ ØDmin (min. delik) // ØDmin (min. bore) = 8,0 mm											
0,79	0,2	<b>D08.0078.02 NR/L</b>	R APNC L AKC1	X800 X400	7,8	6,0	8,0	4,8	3,3	1,0	D08
1,5	0,2	<b>D08.0150.02 NR/L</b>	R AECN L AGPE	X800 X400	7,8	6,0	8,0	4,8	3,3	1,0	D08
1,57	0,2	<b>D08.0157.02 NR/L</b>	R AMCC L AJX9	X800 X400	7,8	6,0	8,0	4,8	3,3	1,0	D08
2,0	0,2	<b>D08.0200.02 NR/L</b>	R AMEP L AC18	X800 X400	7,8	6,0	8,0	4,8	3,3	1,0	D08
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm											
1,5	0,2	<b>D09.0150.02.09 NR/L</b>	R AWF5 L AWHJ	X800 X400	8,6	6,2	9,0	5,5	3,6	1,8	D09
2,0	0,2	<b>D09.0200.02.09 NR/L</b>	R AWF4 L AWHH	X800 X400	8,6	6,2	9,0	5,5	3,6	1,8	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm											
1,5	0,2	<b>D09.0150.02.10 NR/L</b>	R AWF3 L AWHG	X800 X400	9,6	6,2	10,0	6,5	3,6	2,8	D09
2,0	0,2	<b>D09.0200.02.10 NR/L</b>	R AWF2 L AWHF	X800 X400	9,6	6,2	10,0	6,5	3,6	2,8	D09
1,5	0,2	<b>D10.0150.02.10 NR/L</b>	R ADUV L AECA	X800 X400	9,3	7,0	10,0	5,8	3,9	1,8	D10
2,0	0,2	<b>D10.0198.02.10 NR</b>	A3QF	X800 X400	9,3	7,0	10,0	5,8	3,9	1,8	D10
2,0	0,2	<b>D10.0200.02.10 NR/L</b>	R AFBK L AEØM	X800 X400	9,3	7,0	10,0	5,8	3,9	1,8	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm											
0,79	0,2	<b>D11.0078.02 NR/L</b>	R AFKN L AJU6	X800 X400	10,7	8,0	11,0	6,7	4,2	2,3	D11
1,0	0,2	<b>D11.0100.02 NR/L</b>	R AKQH L AM7Ø	X800 X400	10,7	8,0	11,0	6,7	4,2	2,3	D11
1,5	0,2	<b>D11.0150.02 NR/L</b>	R AJCU L AHWV	X800 X400	10,7	8,0	11,0	6,7	4,2	2,3	D11
1,57	0,2	<b>D11.0157.02 NR/L</b>	R AEUY L AM4E	X800 X400	10,7	8,0	11,0	6,7	4,2	2,3	D11
2,0	0,2	<b>D11.0200.02 NR/L</b>	R AN5N L ANG5	X800 X400	10,7	8,0	11,0	6,7	4,2	2,3	D11

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: **D11.0200.02 NR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Kanal açma ve Profil tornalama

Ø 11,0 mm'den başlayan iç çap uygulamalar için kanal açma ve profil tornalama işlemleri için kesici takımlar..

## Grooving and Profiling

For use in bores as of minimum bore diameter 11,0 mm.

Kesme parametreleri // Cutting parameters (start)

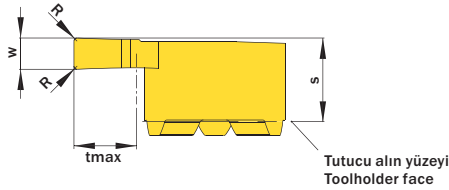
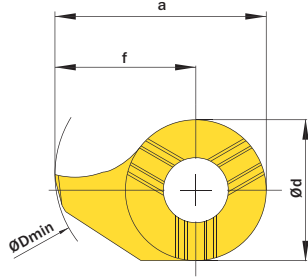
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
13, 15, 18, 21, 25

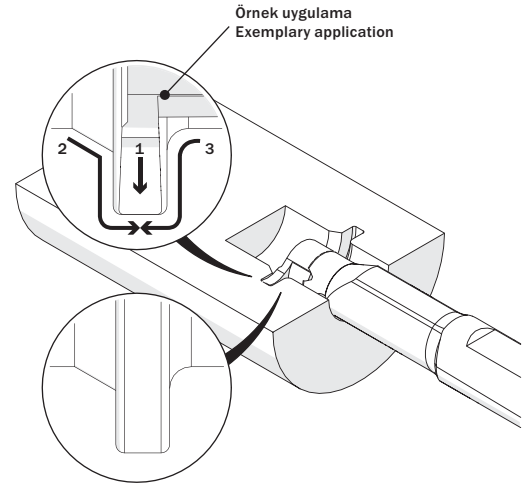


SP  
HM R Referans Legend 66

QR-Code www.simtek.info/cp/845  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.0200.02 N R



w <sup>+0,03</sup>	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	s	tmax	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm												
1,5	0,2	D10.0150.02.11 NR/L	R AC7X	L AFDW	X800 X400	10,3	7,0	11,0	6,8	3,9	2,8	D10
2,0	0,2	D10.0200.02.11 NR/L	R AFDH	L AFVF	X800 X400	10,3	7,0	11,0	6,8	3,9	2,8	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 12,0 mm												
1,5	0,2	D10.0150.02.12 NR/L	R AKG7	L AHN7	X800 X400	10,9	7,0	12,0	7,4	3,9	3,4	D10
2,0	0,2	D10.0200.02.12 NR/L	R ANQ8	L APHA	X800 X400	10,9	7,0	12,0	7,4	3,9	3,4	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 14,0 mm												
0,79	0,2	D14.0078.02 NR/L	R AB9B	L AKSV	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
1,5	0,2	D14.0150.02 NR/L	R AAHD	L ABEJ	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
1,57	0,2	D14.0157.02 NR/L	R AMQ3	L ABFX	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
2,0	0,2	D14.0198.02 NR/L	R APT4	L AA5X	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
2,0	0,2	D14.0200.02 NR/L	R AC2N	L APKA	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
2,5	0,2	D14.0250.02 NR/L	R AXZA	L AXZB	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
3,18	0,2	D14.0318.02 NR/L	R AKAH	L AK9V	X800 X400	13,5	9,0	14,0	9,0	5,3	4,0	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm												
1,5	0,2	D14.0150.02.16 NR/L	R AF0F	L AD21	X800 X400	15,0	9,0	16,0	10,5	5,2	5,5	D14
2,0	0,2	D14.0200.02.16 NR/L	R AMEQ	L ACFH	X800 X400	15,0	9,0	16,0	10,5	5,2	5,5	D14
2,5	0,2	D14.0250.02.16 NR/L	R APQF	L AN8D	X800 X400	15,0	9,0	16,0	10,5	5,2	5,5	D14
3,0	0,2	D14.0300.02.16 NR/L	R AD8X	L ANVS	X800 X400	15,0	9,0	16,0	10,5	5,2	5,5	D14

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: D14.0250.02 NR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Kanal açma ve Profil tornalama

Ø 16,0 mm'den başlayan iç çap uygulamalar için kanal açma ve profil tornalama işlemleri için kesici takımlar.

## Grooving and Profiling

For use in bores as of minimum bore diameter 16,0 mm.

Kesme parametreleri // Cutting parameters (start)

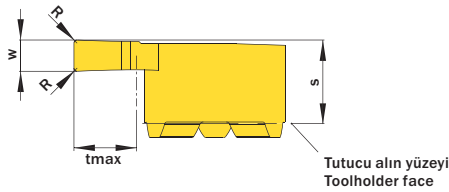
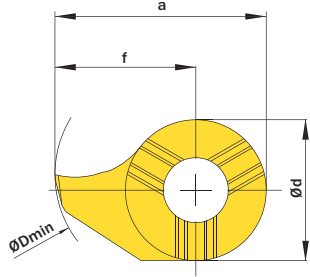
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfa // Suitable toolholders on page  
15, 16, 17, 18, 20, 21, 25

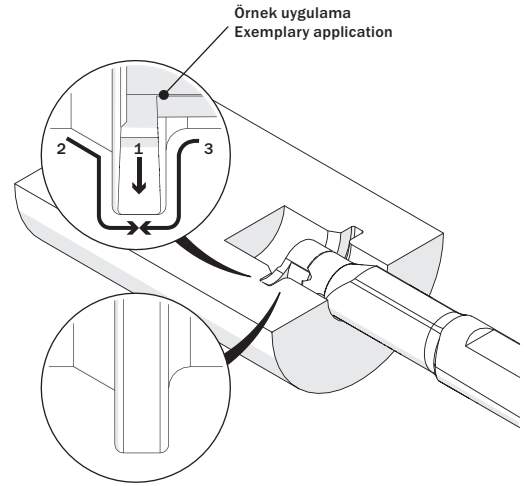


Referans  
Legend 66

QR-Code www.simtek.info/cp/1064  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.0200.02 N R



w <sup>+0,03</sup>	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	S	tmax	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm													
0,79	0,2	D16.0078.02 NR/L	R AAAG	L ANS3	X800	X400	15,7	11,0	16,0	10,2	5,4	4,3	D16
1,57	0,2	D16.0157.02 NR/L	R AK9T	L AD49	X800	X400	15,7	11,0	16,0	10,2	5,4	4,3	D16
1,57	0,4	D16.0157.04 NR/L	R ACMW	L ACMC	X800	X400	15,7	11,0	16,0	10,2	5,4	4,3	D16
2,0	0,2	D16.0200.02 NR/L	R AHDV	L ANM7	X800	X400	15,7	11,0	16,0	10,2	5,4	4,3	D16
▼ ØDmin (min. delik) // ØDmin (min. bore) = 17,0 mm													
1,5	0,2	D14.0150.02.17 NR/L	R AKT0	L AF42	X800	X400	16,0	9,0	17,0	11,5	5,2	6,5	D14
2,0	0,2	D14.0200.02.17 NR/L	R ACCZ	L AFWA	X800	X400	16,0	9,0	17,0	11,5	5,2	6,5	D14
2,5	0,2	D14.0250.02.17 NR/L	R ADHU	L AKNH	X800	X400	16,0	9,0	17,0	11,5	5,2	6,5	D14
3,0	0,2	D14.0300.02.17 NR/L	R AEWX	L AFYV	X800	X400	16,0	9,0	17,0	11,5	5,2	6,5	D14
3,18	0,2	D14.0318.02.17 NR		L A4GN	X800	X400	16,0	9,0	17,0	11,5	5,2	6,5	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 18,0 mm													
2,0	0,2	D18.0200.02.18 NR/L	R AVSQ	L AVSS	X800	X400	17,5	11,0	18,0	12,0	5,6	6,0	D18
▼ ØDmin (min. delik) // ØDmin (min. bore) = 20,0 mm													
1,5	0,2	D18.0150.02.20 NR/L	R AAX4	L AN0H	X800	X400	19,5	11,0	20,0	14,0	5,6	8,0	D18
2,0	0,2	D18.0200.02.20 NR/L	R ACXQ	L AAWK	X800	X400	19,5	11,0	20,0	14,0	5,6	8,0	D18
2,5	0,2	D18.0250.02.20 NR/L	R AVVX	L AVVY	X800	X400	19,5	11,0	20,0	14,0	5,6	8,0	D18
3,0	0,2	D18.0300.02.20 NR/L	R AVV6	L AVV7	X800	X400	19,5	11,0	20,0	14,0	5,6	8,0	D18
3,18	0,2	D18.0318.02.20 NR/L	R AVV8	L AVV9	X800	X400	19,5	11,0	20,0	14,0	6,0	8,0	D18
4,0	0,2	D18.0400.02.20 NR/L	R AVWA	L AVWB	X800	X400	19,5	11,0	20,0	14,0	5,6	8,0	D18
▼ ØDmin (min. delik) // ØDmin (min. bore) = 22,0 mm													
1,5	0,2	D18.0150.02.22 NR/L	R A1BK	L A1BJ	X800	X400	21,5	11,0	22,0	16,0	5,6	10,0	D18
2,0	0,2	D18.0200.02.22 NR/L	R A1BN	L A1BM	X800	X400	21,5	11,0	22,0	16,0	5,6	10,0	D18

İ Sipariş örneği // Order example: D14.0250.02.17 NR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

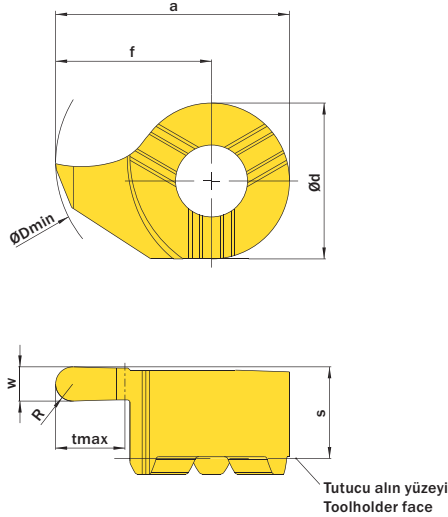


## Full radius kanal açma

Ø 8,0 mm'den başlayan iç çap uygulamalarda full radius kanal açma işlemleri için kesici takımlar.

## Full Radius Grooving

For use in bores as of minimum bore diameter 8,0 mm.



Görseldeki çizim/Drawing shows: D14.0010.20 V R

Kesme parametreleri // Cutting parameters (start)

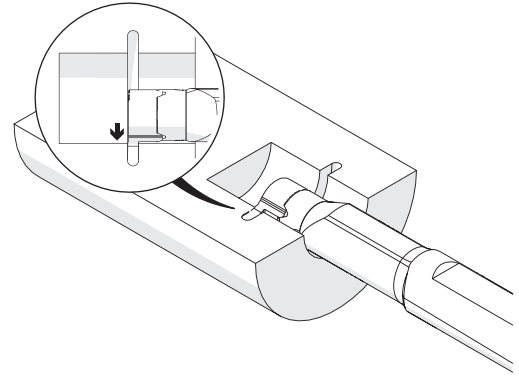
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
11, 12, 13, 14, 18, 20, 21



SP  
HM R Referans  
Legend 66

QR-Code www.simtek.info/cp/830  
Tara // Scan Veya ziyaret edin // Or Visit



R	w <sup>+0,05</sup>	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	ØDmin (min. delik) ØDmin (min. bore)	s	f	tmax	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	
<b>▼ ØDmin (min. delik) // ØDmin (min. bore) = 8,0 mm</b>											
0,4	0,8	<b>D08.0004.08 VR/L</b>	R AAP2	L AE8B X800 X400	7,8	6,0	8,0	3,3	4,8	1,0	D08
0,6	1,2	<b>D08.0006.12 VR/L</b>	R AHUE	L AF16 X800 X400	7,8	6,0	8,0	3,3	4,8	1,0	D08
0,79	1,57	<b>D08.0008.157 VR/L</b>	R A4NH	L A4NK X800 X400	7,8	6,0	8,0	3,3	4,8	1,0	D08
0,9	1,8	<b>D08.0009.18 VR/L</b>	R AMH0	L APZV X800 X400	7,8	6,0	8,0	3,3	4,8	1,0	D08
1,0	2,0	<b>D08.0010.20 VR/L</b>	R ADYE	L AEDC X800 X400	7,8	6,0	8,0	3,3	4,8	1,0	D08
<b>▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm</b>											
0,4	0,8	<b>D09.0004.08.09 VR/L</b>	R AFFF	L AWGW X800 X400	8,6	6,2	9,0	3,5	5,5	1,6	D09
0,6	1,2	<b>D09.0006.12.09 VR/L</b>	R AFWG	L AWGX X800 X400	8,6	6,2	9,0	3,5	5,5	1,6	D09
0,9	1,8	<b>D09.0009.18.09 VR/L</b>	R AWFH	L AWGY X800 X400	8,6	6,2	9,0	3,5	5,5	1,6	D09
1,0	2,0	<b>D09.0010.20.09 VR/L</b>	R AWFJ	L AWGZ X800 X400	8,6	6,2	9,0	3,5	5,5	1,6	D09
<b>▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm</b>											
0,4	0,8	<b>D10.0004.08.10 VR/L</b>	R AD9G	L AECX X800 X400	9,3	7,0	10,0	3,9	5,8	1,8	D10
0,6	1,2	<b>D10.0006.12.10 VR/L</b>	R ABMC	L ANBF X800 X400	9,3	7,0	10,0	3,9	5,8	1,8	D10
0,9	1,8	<b>D10.0009.18.10 VR/L</b>	R AC50	L AFQ8 X800 X400	9,3	7,0	10,0	3,9	5,8	1,8	D10
1,0	2,0	<b>D10.0010.20.10 VR/L</b>	R AAK8	L ABVA X800 X400	9,3	7,0	10,0	3,9	5,8	1,8	D10
<b>▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm</b>											
0,4	0,8	<b>D11.0004.08 VR/L</b>	R AJS6	L AGJD X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11
0,6	1,2	<b>D11.0006.12 VR/L</b>	R AH9B	L AE6K X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11
0,8	1,6	<b>D11.0008.16 VR/L</b>	R AMJP	L AP28 X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11
0,9	1,8	<b>D11.0009.18 VR/L</b>	R APTS	L AA18 X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11
1,0	2,0	<b>D11.0010.20 VR/L</b>	R AC6N	L ABQC X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11
1,2	2,4	<b>D11.0012.24 VR/L</b>	R AF3Y	L AKC8 X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11
1,5	3,0	<b>D11.0015.30 VR/L</b>	R AFGU	L AKX2 X800 X400	10,7	8,0	11,0	4,2	6,7	2,3	D11

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: **D10.0004.08.10 VR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Full radius kanal açma

Ø 14,0 mm'den başlayan iç çap uygulamalarda full radius kanal açma işlemleri için kesici takımlar.

## Full Radius Grooving

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

Kesme parametreleri // Cutting parameters (start)

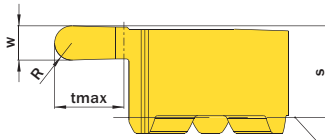
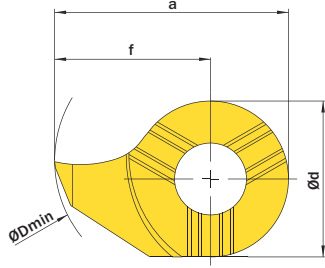
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
15, 16, 17, 18, 20, 21, 25

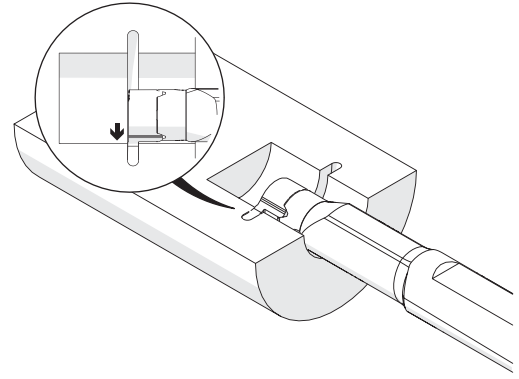


Referans  
Legend 66

QR-Code www.simtek.info/cp/846  
Tara // Scan Veya ziyaret edin // Or Visit



Tutucu alın yüzeyi  
Toolholder face



Görseldeki çizim/Drawing shows: D14.0010.20 V R

R	w <sup>+0,05</sup>	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	ØDmin (min. delik) ØDmin (min. bore)	S	f	tmax	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	
<p>Tablonun Devamı Continued Table</p> <p>Benzer takımları bir önceki sayfada bulabilirsiniz! Related items can be found on the previous page as well!</p>											
▼ ØDmin (min. delik) // ØDmin (min. bore) = 14,0 mm											
0,4	0,8	D14.0004.08 VR/L	R AFZD	L AHT8 X800 X400	13,5	9,0	14,0	5,2	9,0	4,0	D14
0,6	1,2	D14.0006.12 VR/L	R ADBN	L AHHJ X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
0,8	1,6	D14.0008.16 VR/L	R ABBY	L ABFC X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
0,9	1,8	D14.0009.18 VR/L	R AESX	L AEGW X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
1,0	2,0	D14.0010.20 VR/L	R AGHK	L AJYS X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
1,1	2,2	D14.0011.22 VR/L	R AKS8	L ANBN X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
1,2	2,4	D14.0012.24 VR/L	R ACK4	L AM96 X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
1,5	3,0	D14.0015.30 VR/L	R AKKQ	L APW7 X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
0,79	1,57	D14.0031.62 VR		L A2VM X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
1,6	3,18	D14.0062.12 VR/L	R A2VN	L A339 X800 X400	13,5	9,0	14,0	5,3	9,0	4,0	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm											
0,8	1,6	D16.0008.16 VR/L	R AFK1	L AM7T X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
0,9	1,8	D16.0009.18 VR/L	R AMCU	L ABQE X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
1,0	2,0	D16.0010.20 VR/L	R AKNU	L AJWC X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
1,1	2,2	D16.0011.22 VR/L	R AD51	L ABHK X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
1,2	2,4	D16.0012.24 VR/L	R AJJS	L APF0 X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
1,5	3,0	D16.0015.30 VR/L	R AJA7	L AE92 X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
1,6	3,2	D16.0016.32 VR/L	R AGCX	L AJK3 X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
2,0	4,0	D16.0020.40 VR/L	R APN4	L AHYY X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
0,79	1,57	D16.0031.62 VR		L A2VK X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D16
1,6	3,18	D16.0062.12 VR		L A2BP X800 X400	15,7	11,0	16,0	5,4	10,2	4,3	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 18,0 mm											
0,9	1,8	D18.0009.18.18 VR/L	R AVD9	L AVEA X800 X400	17,5	11,0	18,0	5,6	12,0	6,0	D18
1,1	2,2	D18.0011.22.18 VR/L	R AVEB	L AVEC X800 X400	17,5	11,0	18,0	5,6	12,0	6,0	D18
1,5	3,0	D18.0015.30.18 VR/L	R AVEE	L AVED X800 X400	17,5	11,0	18,0	5,6	12,0	6,0	D18
1,6	3,2	D18.0016.32.18 VR/L	R AV6T	L AV6S X800 X400	17,5	11,0	18,0	5,6	12,0	6,0	D18
2,0	4,0	D18.0020.40.18 VR/L	R AV6U	L AV6V X800 X400	17,5	11,0	18,0	5,6	12,0	6,0	D18

! Siparis örneği // Order example: D14.0006.12 VR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Ön kesme ve pah kırma

Ø 8,0 mm'den başlayan iç çap uygulamalarda ön kesme ve pah kırma işlemleri için, yüksek hassaslıkta taşlanmış formu sayesinde güvenli işleme ve tekrarlanabilirlik sunar.

## Pre-Part-Off and Chamfering

For use in bores as of minimum bore diameter 8,0 mm.

Kesme parametreleri // Cutting parameters (start)

f **0,02 mm/U** Vc **Sayfa/Page 71**

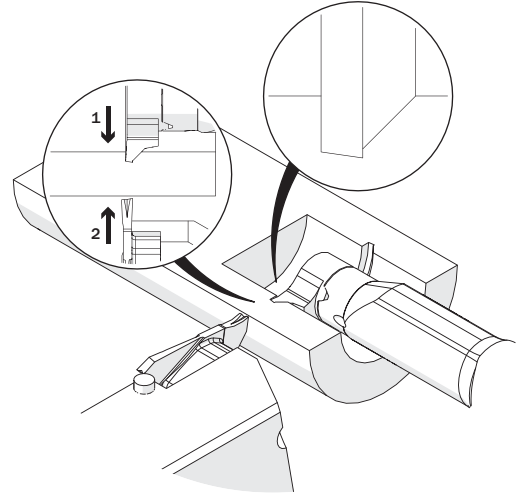
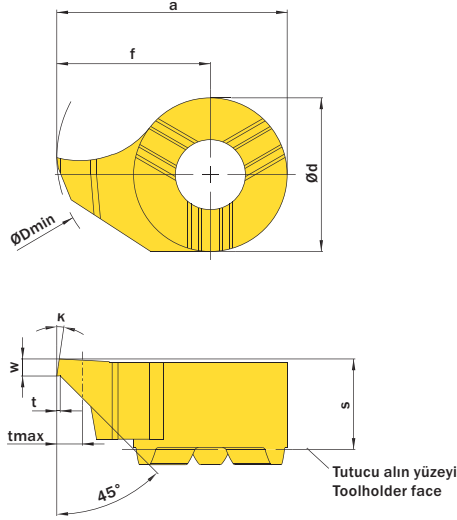
Uyumlu takım tutucu sayfaları // Suitable toolholders on page

11, 12, 13, 14, 15, 16, 18, 20, 21, 25



SP  
HM  
R Referans  
Legend 66

QR-Code [www.simtek.info/cp/831](http://www.simtek.info/cp/831)  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.0810.00 P R

K	w mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice					a mm	Ød mm	ØDmin (min. delik) ØDmin (min. bore) mm	f mm	S mm	t mm	tmax mm	Connectcode www.simtek.com/code
				P	K	M	N	S								
▼ ØDmin (min. delik) // ØDmin (min. bore) = 8,0 mm																
8°	1,0	<b>D08.0810.00 PR/L</b>	R AJ7Z	L AD30	X800	X400	7,8	6,0	8,0	4,8	3,3	0,2	1,0	D08		
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm																
8°	1,0	<b>D09.0810.00.09 PR/L</b>	R AWF9	L AWHP	X800	X400	8,6	6,2	9,0	5,5	3,6	0,2	1,5	D09		
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm																
8°	1,0	<b>D10.0810.00.10 PR/L</b>	R AHZ3	L APNG	X800	X400	9,3	7,0	10,0	5,8	3,9	0,2	1,5	D10		
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm																
8°	1,0	<b>D11.0810.00 PR/L</b>	R AFDK	L AB2C	X800	X400	10,7	8,0	11,0	6,7	4,2	0,2	1,5	D11		
8°	1,5	<b>D11.0815.00 PR/L</b>	R AK9Z	L AA76	X800	X400	10,7	8,0	11,0	6,7	4,2	0,2	1,5	D11		
▼ ØDmin (min. delik) // ØDmin (min. bore) = 14,0 mm																
8°	1,0	<b>D14.0810.00 PR/L</b>	R AH2J	L AE1N	X800	X400	13,5	9,0	14,0	9,0	5,3	0,2	1,5	D14		
8°	1,5	<b>D14.0815.00 PR/L</b>	R AEQG	L AHY9	X800	X400	13,5	9,0	14,0	9,0	5,3	0,2	1,5	D14		
▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm																
8°	1,0	<b>D16.0810.00 PR/L</b>	R AHPB	L AADS	X800	X400	15,7	11,0	16,0	10,2	5,4	0,2	1,5	D16		
8°	1,5	<b>D16.0815.00 PR/L</b>	R AAHN	L ANXC	X800	X400	15,7	11,0	16,0	10,2	5,4	0,2	1,5	D16		

İ Sipariş örneği // Order example: **D08.0810.00 PR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Diş açma, Metrik ISO full profil

İç çap uygulamalarda, tam diş derinliğine sahip hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan full profilli metrik ISO kesici takımlar.

## Threading, Metric ISO Full Profile

For a complete thread profile with correct depth.

Kesme parametreleri // Cutting parameters (start)

Paso sayısı // Number of passes  
**10 - 16**

Önerilen ilerleme metodu // Recom. infeed method  
**Yandan ilerleme // Flank infeed**

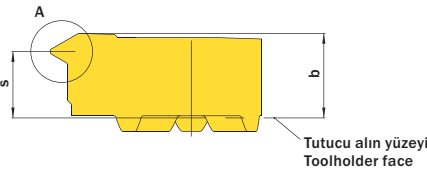
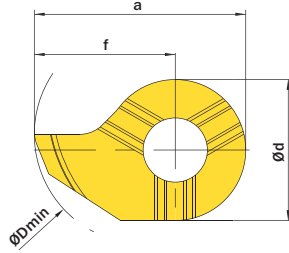
Vc  
**Sayfa/Page 71**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
**12, 13, 14, 18, 20, 21**

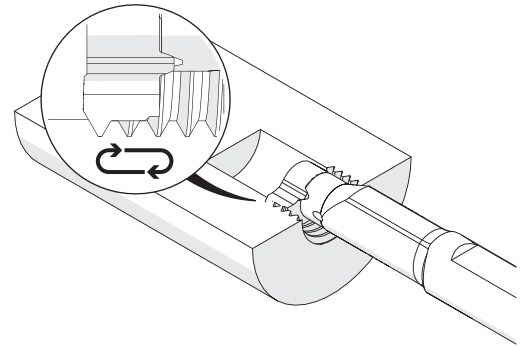
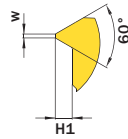


Referans  
Legend **66**

QR-Code [www.simtek.info/cp/823](http://www.simtek.info/cp/823)  
Tara // Scan Veya ziyaret edin // Or Visit



Detay/Detail A (5 : 1)



H1	Adım (minimum) Pitch (as of)	Ürün kodu Part number	Webcode <a href="http://www.simtek.com/webcode">www.simtek.com/webcode</a>	Bizim tavsiyemiz Our first choice	a	b	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	s	w	Connectcode <a href="http://www.simtek.com/code">www.simtek.com/code</a>
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm												
0,27	0,5	<b>D09.0205.02.09 MR/L</b>	R AWGT	L AWH6 X800 X400	8,6	3,65	6,2	9,0	5,5	3,25	0,06	D09
0,54	1,0	<b>D09.0510.02.09 MR/L</b>	R AWGS	L AWH5 X800 X400	8,6	3,65	6,2	9,0	5,5	3,0	0,12	D09
0,81	1,5	<b>D09.0815.02.09 MR/L</b>	R AWGQ	L AWH4 X800 X400	8,6	3,6	6,2	9,0	5,5	2,8	0,18	D09
0,95	1,75	<b>D09.0917.02.09 MR/L</b>	R AWGP	L AWH3 X800 X400	8,6	3,6	6,2	9,0	5,5	2,7	0,2	D09
1,08	2,0	<b>D09.1020.02.09 MR/L</b>	R AWGN	L AWH2 X800 X400	8,6	3,58	6,2	9,0	5,5	2,6	0,25	D09
1,35	2,5	<b>D09.1325.02.09 MR/L</b>	R AWGM	L AWH1 X800 X400	8,6	3,56	6,2	9,0	5,5	2,5	0,31	D09
1,62	3,0	<b>D09.1630.02.09 MR/L</b>	R AWGK	L AWH0 X800 X400	8,6	3,54	6,2	9,0	5,5	2,2	0,37	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm												
0,27	0,5	<b>D10.0205.02.10 MR/L</b>	R ANVA	L ADJC X800 X400	9,3	3,8	7,0	10,0	5,8	3,4	0,06	D10
0,54	1,0	<b>D10.0510.02.10 MR/L</b>	R ANP1	L ADAV X800 X400	9,3	4,0	7,0	10,0	5,8	3,2	0,12	D10
0,81	1,5	<b>D10.0815.02.10 MR/L</b>	R AM2E	L AA2U X800 X400	9,3	3,9	7,0	10,0	5,8	3,0	0,18	D10
0,95	1,75	<b>D10.0917.02.10 MR/L</b>	R AD6Z	L ABYB X800 X400	9,3	3,9	7,0	10,0	5,8	2,9	0,21	D10
1,08	2,0	<b>D10.1020.02.10 MR/L</b>	R AADQ	L AKFM X800 X400	9,3	3,9	7,0	10,0	5,8	2,75	0,25	D10
1,35	2,5	<b>D10.1325.02.10 MR/L</b>	R AAG5	L AMY3 X800 X400	9,3	3,8	7,0	10,0	5,8	2,5	0,31	D10
1,62	3,0	<b>D10.1630.02.10 MR/L</b>	R AJXD	L AKWA X800 X400	9,3	3,8	7,0	10,0	5,8	2,45	0,37	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm												
0,54	1,0	<b>D11.0510.02 MR/L</b>	R AJ3B	L AF7P X800 X400	10,7	4,3	8,0	11,0	6,7	3,6	0,12	D11
0,81	1,5	<b>D11.0815.02 MR/L</b>	R AESU	L APF7 X800 X400	10,7	4,3	8,0	11,0	6,7	3,3	0,18	D11
1,08	2,0	<b>D11.1020.02 MR/L</b>	R AF4G	L ACVY X800 X400	10,7	4,3	8,0	11,0	6,7	2,9	0,25	D11
1,35	2,5	<b>D11.1325.02 MR/L</b>	R AN9M	L ACTN X800 X400	10,7	4,3	8,0	11,0	6,7	2,95	0,31	D11
1,62	3,0	<b>D11.1630.02 MR/L</b>	R AKVC	L AJZG X800 X400	10,7	4,3	8,0	11,0	6,7	2,9	0,37	D11

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

Tablonun Devamı  
Continued Table

İ Sipariş örneği // Order example: **D10.1020.02.10 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Diş açma, Metrik ISO full profil

İç çap uygulamalarda, tam diş derinliğine sahip hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan full profilli metrik ISO kesici takımlar.

## Threading, Metric ISO Full Profile

For a complete thread profile with correct depth.

Kesme parametreleri // Cutting parameters (start)

Paso sayısı // Number of passes  
**10 - 16**

Önerilen ilerleme metodu // Recom. infeed method  
**Yandan ilerleme // Flank infeed**

Vc  
**Sayfa/Page 71**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
**15, 16, 18, 20, 21, 25**

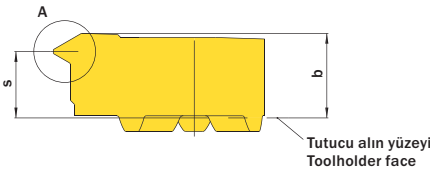
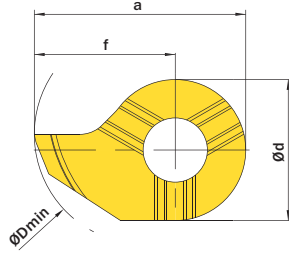


SP  
HM  
R

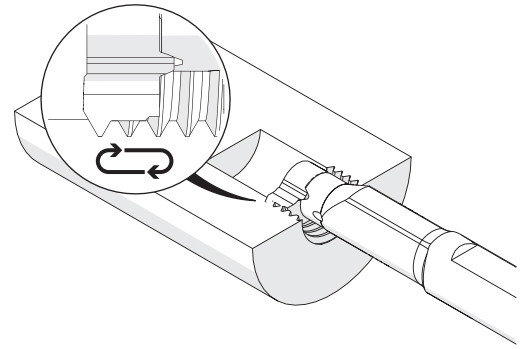
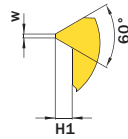
Referans  
Legend **66**

QR-Code  
Tara // Scan

www.simtek.info/cp/882  
Veya ziyaret edin // Or Visit



Detay/Detail A (5 : 1)



H1	Adım (minimum) Pitch (as of)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiemiz Our first choice	a	b	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	s	w	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

▼ ØDmin (min. delik) // ØDmin (min. bore) = 14,0 mm

0,27	0,5	<b>D14.0205.02 MR/L</b>	R AG11	L AAM6	X800	X400	13,5	5,4	9,0	14,0	9,0	4,8	0,06	D14
0,54	1,0	<b>D14.0510.02 MR/L</b>	R AGVA	L AN3Z	X800	X400	13,5	5,4	9,0	14,0	9,0	4,7	0,12	D14
0,81	1,5	<b>D14.0815.02 MR/L</b>	R AAPD	L AHEZ	X800	X400	13,5	5,4	9,0	14,0	9,0	4,3	0,18	D14
1,08	2,0	<b>D14.1020.02 MR/L</b>	R ABSD	L AMJS	X800	X400	13,5	5,4	9,0	14,0	9,0	4,2	0,25	D14
1,35	2,5	<b>D14.1325.02 MR/L</b>	R AFMØ	L APW6	X800	X400	13,5	5,4	9,0	14,0	9,0	3,65	0,31	D14

▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm

0,54	1,0	<b>D16.0510.02 MR/L</b>	R ACØ7	L ACXP	X800	X400	15,7	5,5	11,0	16,0	10,2	4,8	0,12	D16
0,81	1,5	<b>D16.0815.02 MR/L</b>	R ADSQ	L AGTH	X800	X400	15,7	5,5	11,0	16,0	10,2	4,3	0,18	D16
1,08	2,0	<b>D16.1020.02 MR/L</b>	R AHC8	L ANXE	X800	X400	15,7	5,5	11,0	16,0	10,2	4,05	0,25	D16
1,35	2,5	<b>D16.1325.02 MR/L</b>	R AMW1	L AG5U	X800	X400	15,7	5,5	11,0	16,0	10,2	4,2	0,31	D16
1,62	3,0	<b>D16.1630.02 MR/L</b>	R AKHY	L AN34	X800	X400	15,7	5,5	11,0	16,0	10,2	4,0	0,37	D16
1,89	3,5	<b>D16.1835.02 MR/L</b>	R AANW	L AG41	X800	X400	15,7	5,5	11,0	16,0	10,2	3,9	0,43	D16
2,16	4,0	<b>D16.2140.02 MR/L</b>	R AD32	L AEED	X800	X400	15,7	5,5	11,0	16,0	10,2	3,6	0,5	D16

İ Sipariş örneği // Order example: **D14.0815.02 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Diş açma, Metrik ISO yarı profil

İç çap uygulamalarda, farklı adımlarda kullanılabilen hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan yarı profil metrik ISO kesici takımlar.

## Threading, Metric ISO Partial Profile

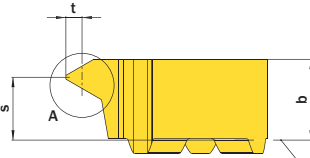
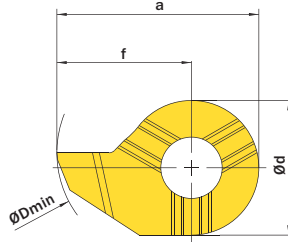
Multi-purpose tools, usable for different pitches.

Kesme parametreleri // Cutting parameters (start)

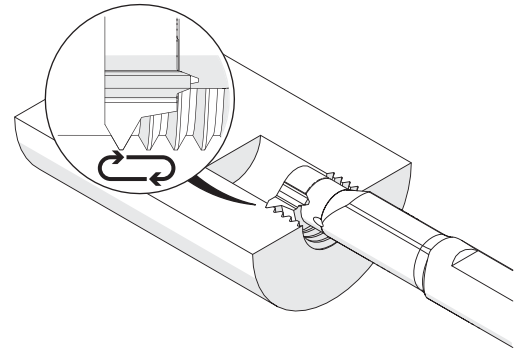
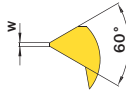
Paso sayısı // Number of passes  
10 - 16Önerilen ilerleme metodu // Recom. infeed method  
Yandan ilerleme // Flank infeedVc  
Sayfa/Page 71Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
10, 11, 12, 13, 18, 19, 20, 21Lütfen ekteki notları okuyun // Please read add. notes  
T01 (Sayfa/Page 65)

SP  
HM R Referans  
Legend 66

QR-Code www.simtek.info/cp/822  
Tara // Scan Veya ziyaret edin // Or Visit

Tutucu alın yüzeyi  
Toolholder face

Detay/Detail A (5 : 1)



Görseledeki çizim/Drawing shows: D14.1020.01 M R

Adım (minimum) Pitch (as of)	Adım (maksimum) Pitch (up to)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiemiz Our first choice	a	t	b	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	S	w	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 7,0 mm													
0,5	0,75	<b>D07.MT05.01.07 MR/L</b>	R AU57	L AXBC X800 X400	6,55	0,44	3,3	4,8	7,0	4,15	2,9	0,06	D07
1,0	1,25	<b>D07.MT10.01.07 MR/L</b>	R AU59	L AXBD X800 X400	6,2	0,7	3,3	4,8	7,0	3,8	2,7	0,12	D07
1,5	1,75	<b>D07.MT15.01.07 MR/L</b>	R AU58	L AXBE X800 X400	6,55	0,974	3,3	4,8	7,0	4,15	2,5	0,18	D07
▼ ØDmin (min. delik) // ØDmin (min. bore) = 8,0 mm													
0,5	0,75	<b>D08.0205.01 MR/L</b>	R ANP8	L AEEG X800 X400	7,8	0,43	3,4	6,0	8,0	4,8	2,95	0,06	D08
1,0	1,25	<b>D08.0510.01 MR/L</b>	R AG0B	L AC5F X800 X400	7,8	0,7	3,4	6,0	8,0	4,8	2,7	0,12	D08
1,5	1,75	<b>D08.0815.01 MR/L</b>	R AB62	L ACGW X800 X400	7,8	0,98	3,4	6,0	8,0	4,8	2,5	0,18	D08
▼ ØDmin (min. delik) // ØDmin (min. bore) = 9,0 mm													
0,5	0,75	<b>D09.0205.01.09 MR/L</b>	R AWGG	L AWHX X800 X400	8,6	0,44	3,55	6,2	9,0	5,5	3,2	0,06	D09
1,0	1,25	<b>D09.0510.01.09 MR/L</b>	R AWGF	L AHHW X800 X400	8,6	0,54	3,55	6,2	9,0	5,5	3,0	0,12	D09
1,5	1,75	<b>D09.0815.01.09 MR/L</b>	R AWGE	L AWHV X800 X400	8,6	0,81	3,55	6,2	9,0	5,5	2,8	0,18	D09
1,75	2,0	<b>D09.0917.01.09 MR/L</b>	R AWGD	L AWHU X800 X400	8,6	0,95	3,55	6,2	9,0	5,5	2,6	0,2	D09
2,0	2,5	<b>D09.1020.01.09 MR/L</b>	R AWGC	L AWHT X800 X400	8,6	1,08	3,55	6,2	9,0	5,5	2,5	0,25	D09
2,5	3,0	<b>D09.1325.01.09 MR/L</b>	R AWGB	L AWH5 X800 X400	8,6	1,35	3,55	6,2	9,0	5,5	2,1	0,31	D09
3,0	3,5	<b>D09.1630.01.09 MR/L</b>	R AWGA	L AWHQ X800 X400	8,6	1,62	3,55	6,2	9,0	5,5	1,9	0,37	D09
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm													
0,5	0,75	<b>D10.0205.01.10 MR/L</b>	R AMAT	L AGSC X800 X400	9,3	0,44	4,0	7,0	10,0	5,8	3,4	0,06	D10
1,0	1,25	<b>D10.0510.01.10 MR/L</b>	R ADPE	L AC1S X800 X400	9,3	0,54	4,0	7,0	10,0	5,8	3,2	0,12	D10
1,5	1,75	<b>D10.0815.01.10 MR/L</b>	R AKN5	L AGUX X800 X400	9,3	0,81	4,0	7,0	10,0	5,8	3,0	0,18	D10
1,75	2,0	<b>D10.0917.01.10 MR/L</b>	R AEBW	L AFX7 X800 X400	9,3	0,95	4,0	7,0	10,0	5,8	2,9	0,21	D10
2,0	2,5	<b>D10.1020.01.10 MR/L</b>	R ACUA	L AKXX X800 X400	9,3	1,08	3,9	7,0	10,0	5,8	2,75	0,25	D10
2,5	3,0	<b>D10.1325.01.10 MR/L</b>	R AMF8	L AN76 X800 X400	9,3	1,35	3,8	7,0	10,0	5,8	2,55	0,31	D10
3,0	3,5	<b>D10.1630.01.10 MR/L</b>	R AH96	L ACJE X800 X400	9,3	1,62	4,0	7,0	10,0	5,8	2,3	0,37	D10

Benzer takımları bir sonraki sayfada bulabilirsiniz!  
Related Items can be found on the following page as well!Tablonun Devamı  
Continued TableSipariş örneği // Order example: **D08.0510.01 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

Lütfen bu sayfanın sağ üst köşesindeki bilgi alanında belirtilen ek notları okuyun.

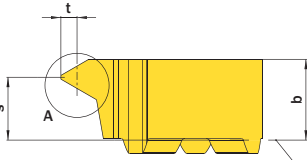
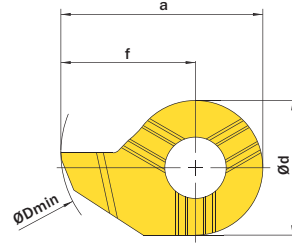
Please read the additional notes mentioned in the information area on the top right corner of this page.

## Diş açma, Metrik ISO yarı profil

İç çap uygulamalarda, farklı adımlarda kullanılabilen hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan yarı profil metrik ISO kesici takımlar.

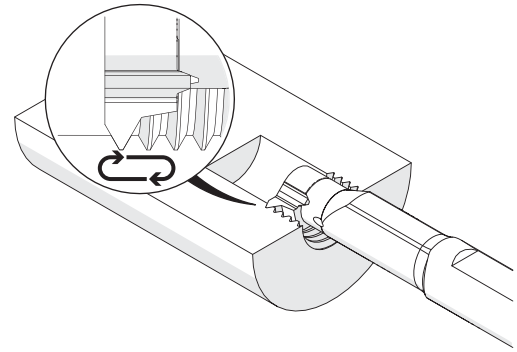
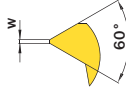
## Threading, Metric ISO Partial Profile

Multi-purpose tools, usable for different pitches.



Tutucu alın yüzeyi  
Toolholder face

Detay/Detail A (5 : 1)



Görseldeki çizim/Drawing shows: D14.1020.01 M R

Adım (minimum) Pitch (as of)	Adım (maksimum) Pitch (up to)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	t	b	ød	øDmin (min. delik) øDmin (min. bore)	f	S	w	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	mm	

Tablonun Devamı  
Continued Table

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

▼ øDmin (min. delik) // øDmin (min. bore) = 11,0 mm

0,5	0,75	<b>D11.0205.01 MR/L</b>	R AJEC	L ANKC	X800 X400	10,7	0,43	4,2	8,0	11,0	6,7	3,75	0,06	D11
1,0	1,25	<b>D11.0510.01 MR/L</b>	R ABSH	L ACPA	X800 X400	10,7	0,7	4,2	8,0	11,0	6,7	3,6	0,12	D11
1,5	1,75	<b>D11.0815.01 MR/L</b>	R AGA9	L AC8F	X800 X400	10,7	0,98	4,2	8,0	11,0	6,7	3,4	0,18	D11
2,0	2,5	<b>D11.1020.01 MR/L</b>	R AJ8F	L AGUB	X800 X400	10,7	1,41	4,2	8,0	11,0	6,7	3,15	0,25	D11
2,5	3,0	<b>D11.1325.01 MR/L</b>	R AFSG	L AMNB	X800 X400	10,7	1,68	4,2	8,0	11,0	6,7	2,95	0,31	D11

▼ øDmin (min. delik) // øDmin (min. bore) = 14,0 mm

1,0	1,25	<b>D14.0510.01 MR/L</b>	R AAYN	L AJ9C	X800 X400	13,5	0,55	5,4	9,0	14,0	9,0	4,6	0,12	D14
1,5	1,75	<b>D14.0815.01 MR/L</b>	R AM9F	L ADYM	X800 X400	13,5	0,81	5,4	9,0	14,0	9,0	4,3	0,18	D14
2,0	2,5	<b>D14.1020.01 MR/L</b>	R AEQN	L AA41	X800 X400	13,5	1,08	5,4	9,0	14,0	9,0	3,9	0,25	D14
2,5	3,0	<b>D14.1325.01 MR/L</b>	R APM1	L AEX9	X800 X400	13,5	1,35	5,4	9,0	14,0	9,0	3,55	0,31	D14

▼ øDmin (min. delik) // øDmin (min. bore) = 16,0 mm

1,0	1,25	<b>D16.0510.01 MR/L</b>	R AFMB	L ACG7	X800 X400	15,7	0,7	5,4	11,0	16,0	10,2	4,8	0,12	D16
1,5	1,75	<b>D16.0815.01 MR/L</b>	R AFAG	L ANF1	X800 X400	15,7	0,98	5,4	11,0	16,0	10,2	4,6	0,18	D16
2,0	2,5	<b>D16.1020.01 MR/L</b>	R AG9J	L AJDQ	X800 X400	15,7	1,41	5,4	11,0	16,0	10,2	4,35	0,25	D16
2,5	3,0	<b>D16.1325.01 MR/L</b>	R AKYZ	L AGDW	X800 X400	15,7	1,68	5,4	11,0	16,0	10,2	4,15	0,31	D16

■ Sipariş örneği // Order example: **D14.1325.01 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

■ Lütfen bu sayfanın sağ üst köşesindeki bilgi alanında belirtilen ek notları okuyun.

■ Please read the additional notes mentioned in the information area on the top right corner of this page.

## Diş açma, Trapez yarı profil

İç çap uygulamalarda, hassas taşlanmış formu formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan yarı profilili trapez vida kesici takımlar.

## Threading, Trapezoidal Partial Profile

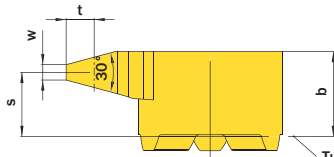
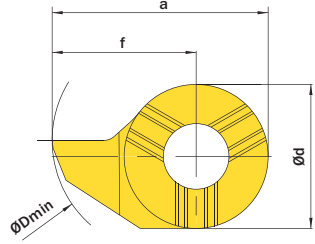
Partial profile for internal trapezoidal-thread.

Kesme parametreleri // Cutting parameters (start)

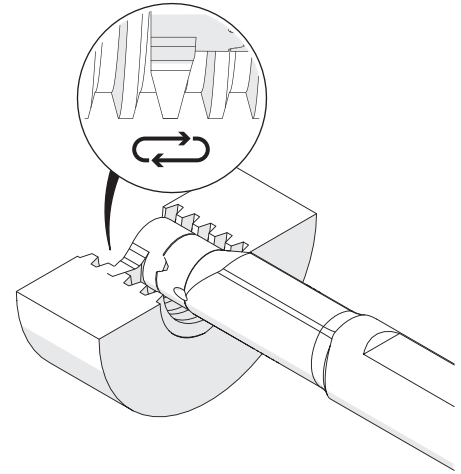
Paso sayısı // Number of passes  
**12 - 18**Önerilen ilerleme metodu // Recom. infeed method  
**Yandan ilerleme // Flank infeed**Vc  
**Sayfa/Page 71**Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
**12, 13, 14, 15, 16, 18, 20, 21, 25**

SP  
HM R Referans  
Legend 66

QR-Code www.simtek.info/cp/825  
Tara // Scan Veya ziyaret edin // Or Visit

Tutucu alın yüzeyi  
Toolholder face

Görseledeki çizim/Drawing shows: D14.1730.01 MR



Minimum diş boyutu As of thread size	t mm	Adım (minimum) Pitch (as of) mm	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bazım tavsiyemiz Our first choice	a mm	b mm	Ød mm	ØDmin (min. delik) ØDmin (min. bore) mm	f mm	S mm	w mm	Connectcode www.simtek.com/code
▼ Minimum diş boyutu // As of thread size = 12,0 mm													
12,0	0,9	1,5	<b>D09.TR15.01.09 MR/L</b>	R AWF1 L AWHE	X800 X400	8,6	3,55	6,2	9,0	5,5	3,0	0,47	D09
12,0	1,25	2,0	<b>D09.TR20.01.09 MR/L</b>	R AWF0 L AWHD	X800 X400	8,6	3,55	6,2	9,0	5,5	2,85	0,6	D09
12,0	0,9	1,5	<b>D10.TR15.01.10 MR/L</b>	R ASBH L ASBG	X800 X400	9,3	3,95	7,0	10,0	5,8	3,32	0,47	D10
▼ Minimum diş boyutu // As of thread size = 14,0 mm													
14,0	1,75	3,0	<b>D09.TR30.01.09 MR/L</b>	R AWFZ L AWHC	X800 X400	8,6	3,55	6,2	9,0	5,5	2,25	0,96	D09
14,0	1,25	2,0	<b>D10.TR20.01.10 MR/L</b>	R ASBK L ASBJ	X800 X400	9,3	3,7	7,0	10,0	5,8	2,91	0,6	D10
14,0	1,75	3,0	<b>D10.TR30.01.10 MR/L</b>	R ASBN L ASBM	X800 X400	9,3	3,7	7,0	10,0	5,8	2,57	0,96	D10
14,0	0,9	1,5	<b>D11.1015.01 MR/L</b>	R AA9G L AAQ0	X800 X400	10,7	4,3	8,0	11,0	6,7	3,7	0,47	D11
14,0	1,25	2,0	<b>D11.1220.01 MR/L</b>	R AF6J L AH27	X800 X400	10,7	4,3	8,0	11,0	6,7	3,5	0,6	D11
▼ Minimum diş boyutu // As of thread size = 16,0 mm													
16,0	2,25	4,0	<b>D09.TR40.01.10 MR/L</b>	R AWFY L AWHB	X800 X400	9,6	3,55	6,2	10,0	6,5	2,25	1,33	D09
16,0	2,25	4,0	<b>D10.TR40.01.11 MR/L</b>	R ASBQ L ASBP	X800 X400	10,3	3,7	7,0	11,0	6,8	2,14	1,33	D10
16,0	1,75	3,0	<b>D11.1730.01 MR/L</b>	R AP1Y L AMT5	X800 X400	10,7	4,3	8,0	11,0	6,7	3,2	0,96	D11
16,0	2,25	4,0	<b>D11.2240.01 MR/L</b>	R ANXG L AFT8	X800 X400	10,7	4,0	8,0	11,0	6,7	2,6	1,33	D11
▼ Minimum diş boyutu // As of thread size = 18,0 mm													
18,0	1,25	2,0	<b>D14.1220.01 MR/L</b>	R AD11 L AFN9	X800 X400	13,5	5,3	9,0	14,0	9,0	4,3	0,6	D14
18,0	1,75	3,0	<b>D14.1730.01 MR/L</b>	R AMAN L ANQF	X800 X400	13,5	5,3	9,0	14,0	9,0	4,0	0,96	D14
▼ Minimum diş boyutu // As of thread size = 20,0 mm													
20,0	2,25	4,0	<b>D14.2240.01 MR/L</b>	R AGYM L AKD9	X800 X400	13,5	5,3	9,0	14,0	9,0	4,0	1,33	D14
20,0	1,25	2,0	<b>D16.1220.01 MR/L</b>	R AGNW L AAX2	X800 X400	15,2	5,5	11,0	16,0	9,7	4,5	0,6	D16
20,0	1,75	3,0	<b>D16.1730.01 MR/L</b>	R AG99 L AM5S	X800 X400	15,2	5,5	11,0	16,0	9,7	4,3	0,96	D16
▼ Minimum diş boyutu // As of thread size = 22,0 mm													
22,0	2,75	5,0	<b>D14.2750.01 MR/L</b>	R AJ51 L AA01	X800 X400	13,5	5,3	9,0	14,0	9,0	3,55	1,69	D14
22,0	2,25	4,0	<b>D16.2240.01 MR/L</b>	R ANBP L ACCX	X800 X400	15,2	5,5	11,0	16,0	9,7	4,0	1,33	D16
22,0	2,75	5,0	<b>D16.2750.01 MR/L</b>	R APG1 L ANCP	X800 X400	15,7	5,5	11,0	16,0	10,2	3,6	1,69	D16
▼ Minimum diş boyutu // As of thread size = 32,0 mm													
32,0	3,5	6,0	<b>D16.3560.01 MR/L</b>	R AEJX L APZ5	X800 X400	15,7	5,5	11,0	16,0	10,2	3,3	1,92	D16

İ Sipariş örneği // Order example: **D16.2750.01 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)



## Diş açma, Whitworth BSW / BSF full profil

İç çap uygulamalarda tam diş derinliğine sahip, hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan full profilli Whitworth kesici takımlar.

## Threading, BSW/BSF Full Profile

For a complete thread profile with correct depth, top radius and bottom radius.

Kesme parametreleri // Cutting parameters (start)

Paso sayısı // Number of passes

10 - 16

Önerilen ilerleme metodu // Recom. infeed method

Yandan ilerleme // Flank infeed

Vc

Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page

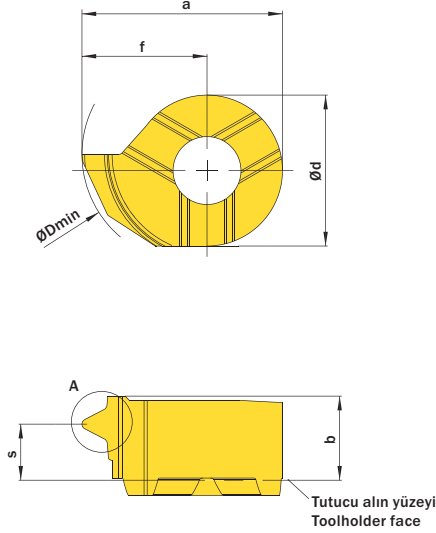
13, 14, 15, 16, 18, 20, 21, 25



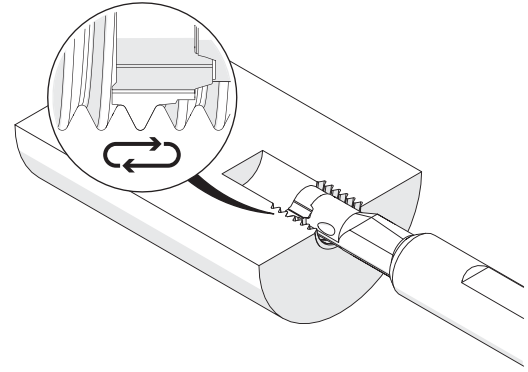
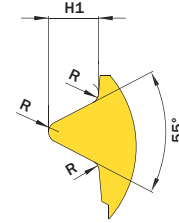
SP  
HM  
R

Referans  
Legend 66

QR-Code www.simtek.info/cp/821  
Tara // Scan Veya ziyaret edin // Or Visit



Detay/Detail A (10 : 1)



Görseldeki çizim/Drawing shows: D10.1118.14.10 M R

H1	Adım (minimum) Pitch (as of)	Vida dişi Threads	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	b	Ød	ØDmin (min. delik) ØDmin (min. bore)	f	R	S	Connectcode www.simtek.com/code
mm	mm				P K M N S	mm	mm	mm	mm	mm	mm	mm	
▼ ØDmin (min. delik) // ØDmin (min. bore) = 10,0 mm													
0,85	1,337	19	D10.0813.19.10 MR/L	R AF1V L AD9V X800 X400		9,3	3,8	7,0	10,0	5,8	0,18	2,8	D10
1,16	1,8	14	D10.1118.14.10 MR/L	R APMJ L ADU8 X800 X400		9,3	3,8	7,0	10,0	5,8	0,24	2,6	D10
1,48	2,3	11	D10.1423.11.10 MR/L	R AFYX L APUK X800 X400		9,3	3,8	7,0	10,0	5,8	0,31	2,3	D10
▼ ØDmin (min. delik) // ØDmin (min. bore) = 11,0 mm													
0,85	1,337	19	D11.0813.19 MR/L	R AMMN L AKQV X800 X400		10,7	4,3	8,0	11,0	6,7	0,18	2,7	D11
1,16	1,8	14	D11.1118.14 MR/L	R AGJS L AB2A X800 X400		10,7	4,3	8,0	11,0	6,7	0,24	3,0	D11
▼ ØDmin (min. delik) // ØDmin (min. bore) = 14,0 mm													
0,85	1,337	19	D14.0813.19 MR/L	R ANYF L AGT5 X800 X400		13,5	5,35	9,0	14,0	9,0	0,18	3,8	D14
1,16	1,8	14	D14.1118.14 MR/L	R AGGU L APH5 X800 X400		13,5	5,4	9,0	14,0	9,0	0,24	3,6	D14
▼ ØDmin (min. delik) // ØDmin (min. bore) = 16,0 mm													
1,16	1,8	14	D16.1118.14 MR/L	R AGFF L ABXY X800 X400		15,7	5,4	11,0	16,0	10,2	0,24	3,9	D16
1,48	2,3	11	D16.1423.11 MR/L	R AMQC L AKAB X800 X400		15,7	5,4	11,0	16,0	10,2	0,31	3,5	D16

İ Sipariş örneği // Order example: D10.0813.19.10 MR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Diş Açma, ACME / STUB-ACME, Yarı profil

İç çap uygulamalar için, yarı profilli ACME / STUB-ACME kesici takımlar.

## Threading, ACME / STUB-ACME, Partial Profile

Partial profile for internal ACME- and STUB-ACME thread.

Kesme parametreleri // Cutting parameters (start)

Paso sayısı // Number of passes  
**12 - 18**

Önerilen ilerleme metodu // Recom. infeed method  
**Yandan ilerleme // Flank infeed**

Vc  
**Sayfa/Page 71**

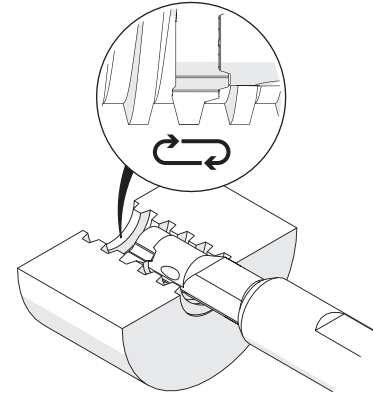
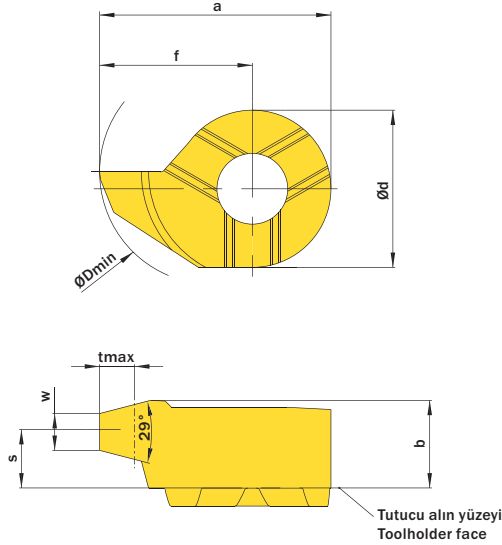
Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
**13, 14, 18, 20, 21**



Referans  
Legend **66**



QR-Code [www.simtek.info/cp/820](http://www.simtek.info/cp/820)  
Tara // Scan Veya ziyaret edin // Or Visit



Vida dişi Threads	ØDmin (min. delik) ØDmin (min. bore)	Diş tipi Type of thread	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	b	Ød	f	Adım (minimum) Pitch (as of)	s	w	tmax	Connectcode www.simtek.com/cocode
▼ Vida dişi // Threads = 10 mm														
10	10,0	STUB-ACME	<b>D10.SA10.01.10 MR/L</b>	R AGDD L AFWG	X800 X400	9,3	3,9	7,0	5,8	2,54	2,9	0,94	1,19	D10
▼ Vida dişi // Threads = 12 mm														
12	10,0	STUB-ACME	<b>D10.SA12.01.10 MR/L</b>	R AS1G L ATV7	X800 X400	9,3	3,9	7,0	5,8	2,11	2,95	0,82	0,92	D10
▼ Vida dişi // Threads = 5 mm														
5	11,0	ACME	<b>D10.AC05.01.11 MR</b>	A3TD	X800 X400	10,3	3,7	7,0	6,8	5,08	1,91	1,76	2,8	D10
5	10,0	STUB-ACME	<b>D10.SA05.01.10 MR/L</b>	R AFAM L AE4B	X800 X400	9,3	3,7	7,0	5,8	5,08	1,96	2,01	2,03	D10
▼ Vida dişi // Threads = 6 mm														
6	11,0	ACME	<b>D10.AC06.01.11 MR/L</b>	R AEAB L AJ18	X800 X400	10,3	3,9	7,0	6,8	4,233	2,3	1,43	2,64	D10
6	10,0	STUB-ACME	<b>D10.SA06.01.10 MR/L</b>	R AK49 L AGC9	X800 X400	9,3	3,7	7,0	5,8	4,233	2,36	1,65	1,76	D10
6	11,0	ACME	<b>D11.AC06.01 MR/L</b>	R AKTH L ATV6	X800 X400	10,7	3,95	8,0	6,7	4,233	2,5	1,43	2,39	D11
▼ Vida dişi // Threads = 8 mm														
8	11,0	ACME	<b>D10.AC08.01.11 MR/L</b>	R AJCF L AHZU	X800 X400	10,3	3,9	7,0	6,8	3,18	2,64	1,04	2,11	D10
8	10,0	STUB-ACME	<b>D10.SA08.01.10 MR/L</b>	R AB7E L AF6Z	X800 X400	9,3	3,7	7,0	5,8	3,18	2,3	1,22	1,43	D10

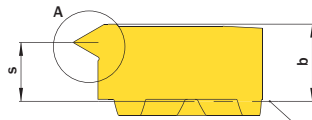
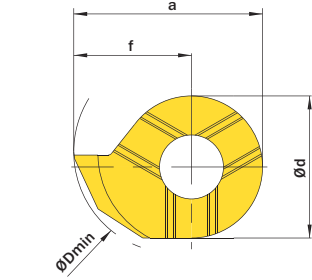
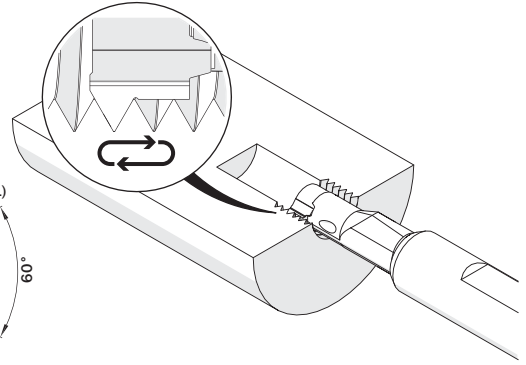
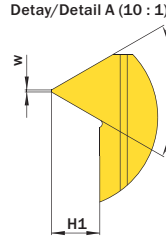
İ Sipariş örneği // Order example: **D10.AC06.01.11 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Diş açma, NPT Full profil

İç çap uygulamalar için, hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan full profilli NPT kesici takımlar.

## Threading, NPT Full Profile

For a complete thread profile with correct depth.

Tutucu alın yüzeyi  
Toolholder face

Kesme parametreleri // Cutting parameters (start)

Paso sayısı // Number of passes  
10 - 16Önerilen ilerleme metodu // Recom. infeed method  
Yandan ilerleme // Flank infeedVc  
Sayfa/Page 71Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
13, 18, 21Referans  
Legend 66QR-Code www.simtek.info/cp/824  
Tara // Scan Veya ziyaret edin // Or Visit

Görseldeki çizim/Drawing shows: D10.NP18.02.10 MR

Vida dişi Threads	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	b	Ød	f	H1	Adım (minimum) Pitch (as of)	S	w	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	mm	
▼ Vida dişi // Threads = 14													
14	10,0	D10.NP14.02.10 MR/L	R AHTH L AHKY X800 X400		9,3	3,9	7,0	5,8	1,48	1,8	2,7	0,08	D10
▼ Vida dişi // Threads = 18													
18	10,0	D10.NP18.02.10 MR/L	R AMWT L ACWX X800 X400		9,3	3,9	7,0	5,8	1,19	1,43	2,9	0,05	D10
▼ Vida dişi // Threads = 27													
27	10,0	D10.NP27.02.10 MR/L	R ABKW L ADBW X800 X400		9,3	3,8	7,0	5,8	0,79	0,94	3,20	0,05	D10

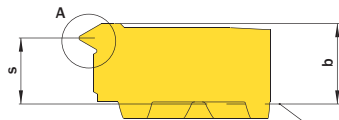
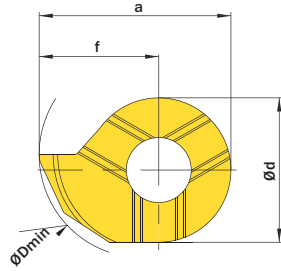
İ Sipariş örneği // Order example: D10.NP18.02.10 MR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Diş açma, UNC / UNF full profil

İç çap uygulamalarda tam diş derinliğine sahip, hassas taşlanmış formu ve üstün stabilite sayesinde mükemmel yüzey performansı sağlayan full profilili UNC/UNF kesici takımlar.

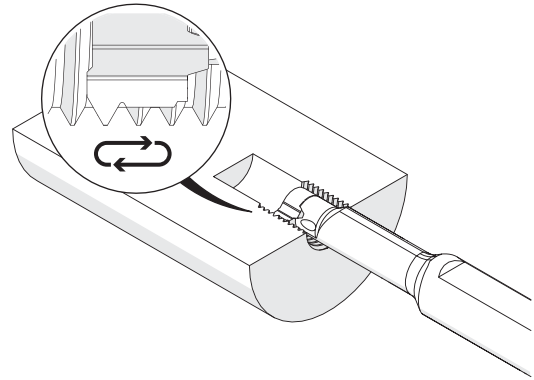
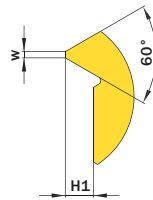
## Threading, UNC/UNF Full Profile

For a complete thread profile with correct depth.



Tutucu alın yüzeyi  
Toolholder face

Detay/Detail A (10:1)



Görseledeki çizim/Drawing shows: D10.UN20.02.10 MR

Vida dişi Threads	ØDmin (min. delik) ØDmin (min. bore)	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	b	Ød	f	H1	Adım (minimum) Pitch (as of)	S	w	Connectcode www.simtek.com/code
mm	mm			P K M N S	mm	mm	mm	mm	mm	mm	mm	mm	
▼ Vida dişi // Threads = 08													
08	10,0	<b>D10.UN08.02.10 MR/L</b>	R AS8Y L AS8X	X800 X400	9,3	4,0	7,0	5,8	1,72	3,18	2,5	0,38	D10
08	14,0	<b>D14.UN08.02.14 M R</b>	A2H3	X800 X400	13,5	5,35	9,0	9,0	1,72	3,18	3,76	0,38	D14
▼ Vida dişi // Threads = 10													
10	14,0	<b>D14.UN10.02.14 M R</b>	A2H5	X800 X400	13,5	5,4	9,0	9,0	1,37	2,54	4,2	0,31	D14
▼ Vida dişi // Threads = 12													
12	14,0	<b>D14.UN12.02.14 M R</b>	A2H7	X800 X400	13,0	5,4	9,0	8,5	1,14	2,11	4,39	0,25	D14
▼ Vida dişi // Threads = 13													
13	10,0	<b>D10.UN13.02.10 MR</b>	A3UB	X800 X400	9,3	4,0	7,0	5,8	1,07	1,96	2,9	0,24	D10
▼ Vida dişi // Threads = 14													
14	10,0	<b>D10.UN14.02.10 MR/L</b>	R AMKN L AMWU	X800 X400	9,3	4,0	7,0	5,8	1,0	1,8	3,20	0,24	D10
▼ Vida dişi // Threads = 16													
16	10,0	<b>D10.UN16.02.10 MR/L</b>	R ADTY L AG2V	X800 X400	9,3	4,0	7,0	5,8	0,86	1,6	3,1	0,18	D10
▼ Vida dişi // Threads = 18													
18	10,0	<b>D10.UN18.02.10 MR/L</b>	R AC8W L AFWF	X800 X400	9,3	4,0	7,0	5,8	0,76	1,43	3,20	0,18	D10
▼ Vida dişi // Threads = 20													
20	10,0	<b>D10.UN20.02.10 MR/L</b>	R AJ7T L AJ58	X800 X400	9,3	4,0	7,0	5,8	0,69	1,27	3,20	0,15	D10
▼ Vida dişi // Threads = 24													
24	10,0	<b>D10.UN24.02.10 MR/L</b>	R AAB4 L AKGC	X800 X400	9,3	4,0	7,0	5,8	0,56	1,07	3,3	0,13	D10
▼ Vida dişi // Threads = 28													
28	10,0	<b>D10.UN28.02.10 MR/L</b>	R AF3V L AMB5	X800 X400	9,3	4,0	7,0	5,8	0,48	0,92	3,4	0,1	D10
▼ Vida dişi // Threads = 32													
32	10,0	<b>D10.UN32.02.10 MR/L</b>	R AB0Q L AHY0	X800 X400	9,3	4,0	7,0	5,8	0,43	0,79	3,4	0,1	D10

İ Sipariş örneği // Order example: **D10.UN20.02.10 MR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

Kesme parametreleri // Cutting parameters (start)

Paso sayısı // Number of passes  
**10 - 16**

Önerilen ilerleme metodu // Recom. infeed method  
**Yandan ilerleme // Flank infeed**

Vc  
**Sayfa/Page 71**

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
**13, 15, 18, 21, 25**



Referans  
Legend **66**

QR-Code [www.simtek.info/cp/826](http://www.simtek.info/cp/826)  
Tara // Scan Veya ziyaret edin // Or Visit

## Deliklerde alın kanal açma

Ø 14,0 mm'den başlayan iç çap uygulamalarda  
alın kanal açma kesici takımları.

## Face Grooving in bores

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

Kesme parametreleri // Cutting parameters (start)

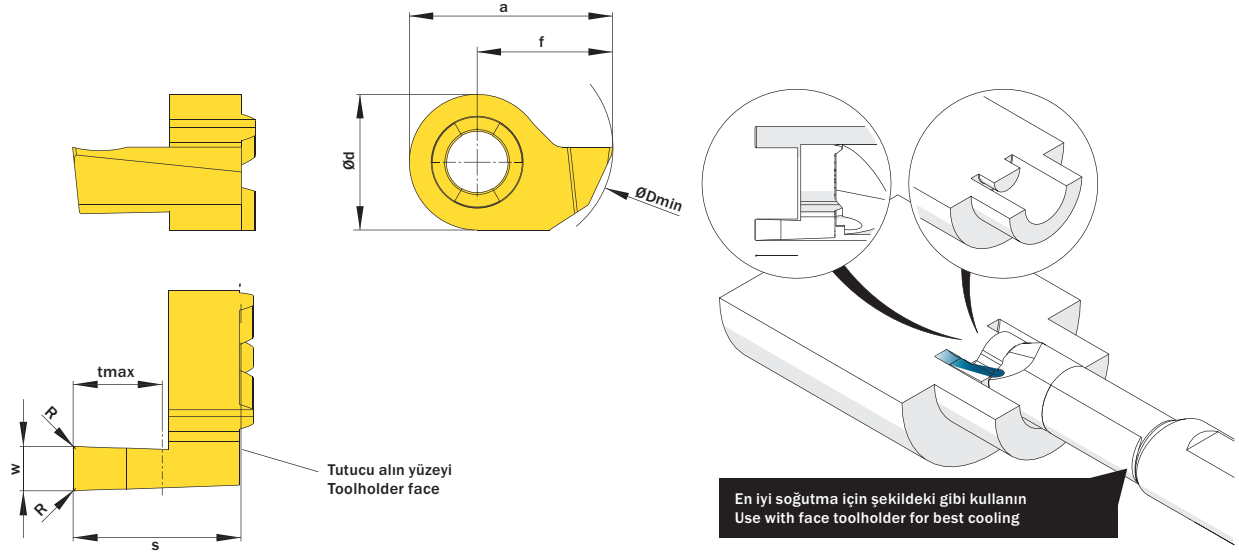
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
22, 23, 24



Referans  
Legend 66

QR-Code www.simtek.info/cp/818  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.1430.62 A R

ØDmin (min. delik) ØDmin (min. bore)	w <sup>+0,03</sup>	R	tmax	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bazım tavsiemiz Our first choice				a	Ød	f	S	Connectcode www.simtek.com/ccode		
						P	K	M	N					S	R	L
▼ tmax = 1,5 mm																
14,0	1,0	-	1,5	<b>D14.1410.00 AR/L</b>	R AB03	L AJC4	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	1,16	-	1,5	<b>D14.1411.00 AR/L</b>	R AA1G	L AGEN	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
▼ tmax = 2,5 mm																
14,0	1,5	0,2	2,5	<b>D14.1415.02 AR/L</b>	R AET8	L ABZX	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	1,6	0,2	2,5	<b>D14.1416.02 AR/L</b>	R AC9S	L AGVC	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	1,57	0,2	2,5	<b>D14.1416.020 AR</b>		L A4VN	X800	X400	13,5	9,0	9,0	8,3		D14.A.R		
▼ tmax = 3,0 mm																
14,0	2,0	0,2	3,0	<b>D14.1420.02 AR/L</b>	R AKZS	L AG57	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	2,39	0,2	3,0	<b>D14.1424.02 AR/L</b>	R AF82	L AHNH	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	2,5	0,2	3,0	<b>D14.1425.02 AR/L</b>	R AMKF	L AJN5	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	3,0	0,2	3,0	<b>D14.1430.02 AR/L</b>	R ABPP	L AMDG	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
14,0	3,18	0,2	3,0	<b>D14.1432.02 AR/L</b>	R AHGE	L AMA5	X800	X400	13,5	9,0	9,0	8,3	R	D14.A.R	L	D14.A.L
▼ tmax = 5,0 mm																
14,0	2,0	0,2	5,0	<b>D14.1420.52 AR/L</b>	R AGV5	L AATA	X800	X400	13,5	9,0	9,0	10,3	R	D14.A.R	L	D14.A.L
14,0	2,39	0,2	5,0	<b>D14.1424.52 AR/L</b>	R AF3H	L AMMD	X800	X400	13,5	9,0	9,0	10,3	R	D14.A.R	L	D14.A.L
14,0	2,5	0,2	5,0	<b>D14.1425.52 AR/L</b>	R ACQN	L AGFZ	X800	X400	13,5	9,0	9,0	10,3	R	D14.A.R	L	D14.A.L
14,0	3,0	0,2	5,0	<b>D14.1430.52 AR/L</b>	R AKV7	L AJKK	X800	X400	13,5	9,0	9,0	10,3	R	D14.A.R	L	D14.A.L
14,0	3,18	0,2	5,0	<b>D14.1432.52 AR/L</b>	R AGHH	L ANZK	X800	X400	13,5	9,0	9,0	10,3	R	D14.A.R	L	D14.A.L
▼ tmax = 6,0 mm																
14,0	3,0	0,2	6,0	<b>D14.1430.62 AR</b>		L AGU2	X800	X400	13,5	9,0	9,0	11,3		D14.A.R		
▼ tmax = 10,0 mm																
18,0	3,0	0,2	10,0	<b>D18.1830.10.02 AR/L</b>	R AGNP	L AVST	X800	X400	16,5	11,0	11,0	15,8	R	D18.18.A.R	L	D18.18.A.L
18,0	4,0	0,2	10,0	<b>D18.1840.10.02 AR/L</b>	R AVJW	L AVSU	X800	X400	17,0	11,0	11,5	15,8	R	D18.18.A.R	L	D18.18.A.L

İ Sipariş örneği // Order example: **D14.1420.52 AR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Eksenlerde alın kanal açma

Ø 12,0 mm'den başlayan eksenlerde alın kanal açma uygulamaları için kesici takımlar.

### Face Grooving on Pivots

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

Kesme parametreleri // Cutting parameters (start)

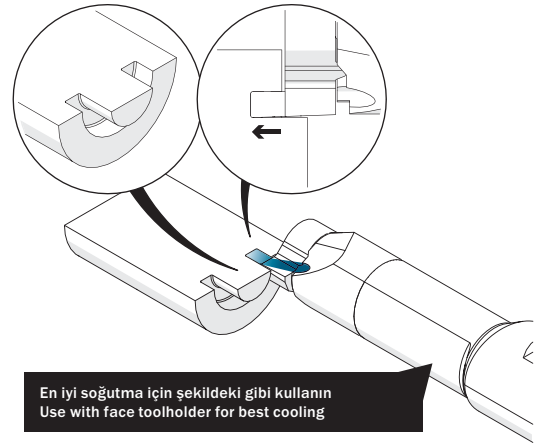
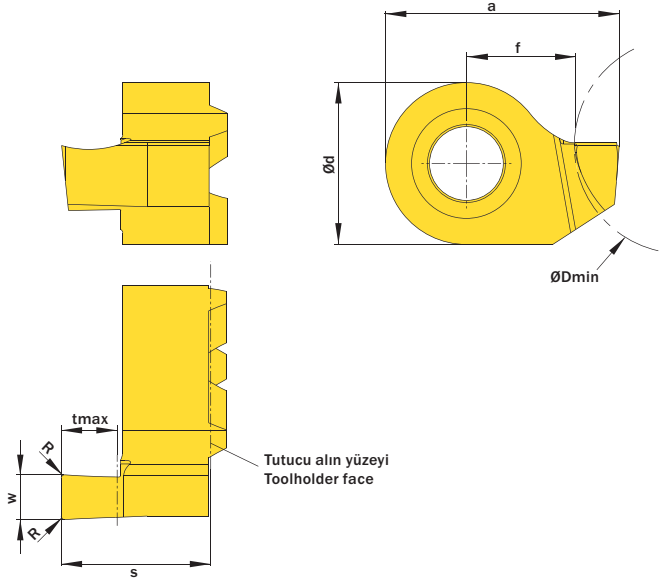
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
22, 23, 24



SP  
HM  
R Referans  
Legend 66

QR-Code www.simtek.info/cp/832  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.1225.02 AR

ØDmin (min. delik) ØDmin (min. bore)	w <sup>+0,03</sup>	R	tmax	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	S	Connectcode www.simtek.com/code
mm	mm	mm	mm			P K M N S	mm	mm	mm	mm	
▼ tmax = 1,5 mm											
12,0	1,0	-	1,5	D14.1210.00 AR/L	R ABWS	L AJFU X800 X400	11,5	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	1,16	-	1,5	D14.1211.00 AR/L	R AN2V	L AK7A X800 X400	11,7	9,0	6,0	8,3	R D14.A.R L D14.A.L
▼ tmax = 2,5 mm											
12,0	1,5	0,2	2,5	D14.1215.02 AR/L	R APSE	L AAPS X800 X400	12,0	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	1,6	0,2	2,5	D14.1216.02 AR/L	R ANAD	L AMU8 X800 X400	12,1	9,0	6,0	8,3	R D14.A.R L D14.A.L
▼ tmax = 3,0 mm											
12,0	2,0	0,2	3,0	D14.1219.02 AR/L	R A1AY	L A1AX X800 X400	12,5	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	2,0	0,2	3,0	D14.1220.02 AR/L	R AC8D	L AE18 X800 X400	12,5	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	2,39	0,2	3,0	D14.1224.02 AR/L	R AKEX	L AFYK X800 X400	12,9	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	2,5	0,2	3,0	D14.1225.02 AR/L	R AGWW	L AEK9 X800 X400	13,0	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	3,0	0,2	3,0	D14.1230.02 AR/L	R AE7M	L AMQB X800 X400	13,5	9,0	6,0	8,3	R D14.A.R L D14.A.L
12,0	3,18	0,2	3,0	D14.1232.02 AR/L	R AEWC	L AJFT X800 X400	13,7	9,0	6,0	8,3	R D14.A.R L D14.A.L
▼ tmax = 5,0 mm											
12,0	2,0	0,2	5,0	D14.1220.52 AR/L	R ADJN	L AMVV X800 X400	12,5	9,0	6,0	10,3	R D14.A.R L D14.A.L
12,0	2,39	0,2	5,0	D14.1224.52 AR/L	R AGNN	L ADHM X800 X400	12,9	9,0	6,0	10,3	R D14.A.R L D14.A.L
12,0	2,5	0,2	5,0	D14.1225.52 AR/L	R AF2H	L AHXS X800 X400	13,0	9,0	6,0	10,3	R D14.A.R L D14.A.L
12,0	3,0	0,2	5,0	D14.1230.52 AR/L	R AKFF	L AP2M X800 X400	13,5	9,0	6,0	10,3	R D14.A.R L D14.A.L
12,0	3,18	0,2	5,0	D14.1232.52 AR/L	R AMPY	L AN1Y X800 X400	13,7	9,0	6,0	10,3	R D14.A.R L D14.A.L
▼ tmax = 6,0 mm											
12,0	3,0	0,2	6,0	D14.1230.62 AR	AAKH	X800 X400	13,5	9,0	6,0	11,3	D14.A.R
▼ tmax = 10,0 mm											
16,0	3,0	0,2	10,0	D18.1630.10.02 A R/L	R AT1G	L AVSW X800 X400	16,5	11,0	8,0	15,8	R D18.16.A.R L D18.16.A.L
16,0	4,0	0,2	10,0	D18.1640.10.02 A R/L	R AT1H	L AVSV X800 X400	17,5	11,0	8,0	15,8	R D18.16.A.R L D18.16.A.L

İ Sipariş örneği // Order example: D14.1215.02 AR X800 (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Deliklerde alın kanal açma, Full radius

Ø 14,0 mm'den başlayan iç çap uygulamalarda full radius alın kanal açma kesici takımları.

## Face Grooving in bores, Full Radius

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

Kesme parametreleri // Cutting parameters (start)

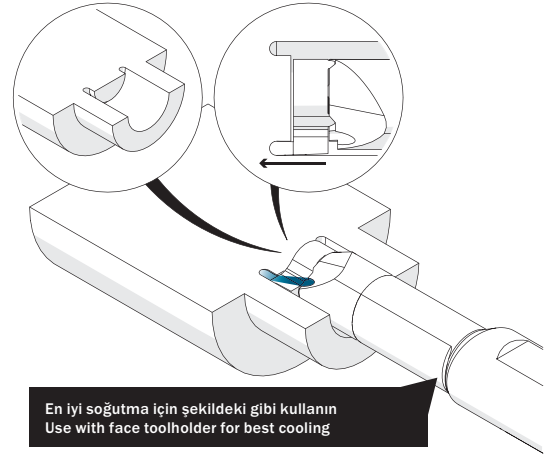
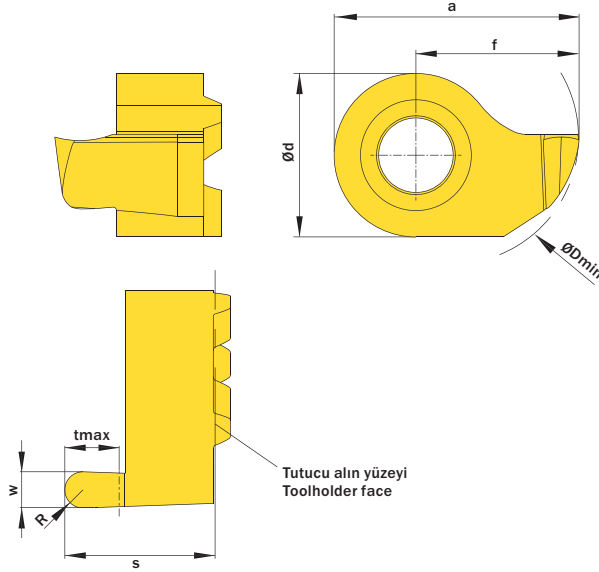
f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
22, 23, 24



SP  
HM  
R Referans  
Legend 66

QR-Code www.simtek.info/cp/819  
Tara // Scan Veya ziyaret edin // Or Visit



Görseledeki çizim/Drawing shows: D14.1420.10 AR

ØDmin (min. delik) ØDmin (min. bore)	w <sup>+0,03</sup>	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	S	tmax	Connectcode www.simtek.com/cocode
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm	
▼ tmax = 1,5 mm											
14,0	1,0	0,5	<b>D14.1410.05 AR/L</b>	R AEG0 L ACGA	X800 X400	13,5	9,0	9,0	8,3	1,5	R D14.A.R L D14.A.L
14,0	1,16	0,58	<b>D14.1412.058 AV R</b>	A4VQ	X800 X400	13,5	9,0	9,0	10,3	1,5	D14.A.R
▼ tmax = 2,5 mm											
14,0	1,5	0,75	<b>D14.1415.07 AR/L</b>	R A1GH L A1GG	X800 X400	13,5	9,0	9,0	8,3	2,5	R D14.A.R L D14.A.L
14,0	1,6	0,8	<b>D14.1416.08 AR/L</b>	R ABNN L AFEQ	X800 X400	13,5	9,0	9,0	8,3	2,5	R D14.A.R L D14.A.L
▼ tmax = 3,0 mm											
14,0	2,0	1,0	<b>D14.1420.10 AR/L</b>	R APW0 L AHNX	X800 X400	13,5	9,0	9,0	8,3	3,0	R D14.A.R L D14.A.L
14,0	2,5	1,25	<b>D14.1425.12 AR/L</b>	R ANJW L ADX1	X800 X400	13,5	9,0	9,0	8,3	3,0	R D14.A.R L D14.A.L
14,0	3,0	1,5	<b>D14.1430.15 AR/L</b>	R AP37 L ABES	X800 X400	13,5	9,0	9,0	8,3	3,0	R D14.A.R L D14.A.L
▼ tmax = 5,0 mm											
14,0	2,0	1,0	<b>D14.1420.50 AV R/L</b>	R AWE5 L AWE4	X800 X400	13,5	9,0	9,0	10,3	5,0	R D14.A.R L D14.A.L
14,0	2,5	1,25	<b>D14.1425.50 AV R/L</b>	R AWE7 L AWE6	X800 X400	13,5	9,0	9,0	10,3	5,0	R D14.A.R L D14.A.L
14,0	3,0	1,5	<b>D14.1430.50 AV R/L</b>	R AWE9 L AWE8	X800 X400	13,5	9,0	9,0	10,3	5,0	R D14.A.R L D14.A.L

İ Sipariş örneği // Order example: **D14.1420.10 AR X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)

## Eksenlerde alın kanal açma, Full radius

Ø 12,0 mm'den başlayan iç çap uygulamalarda, eksenlerde full radius alın kanal açma kesici takımları.

## Face Grooving on Pivots, Full Radius

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

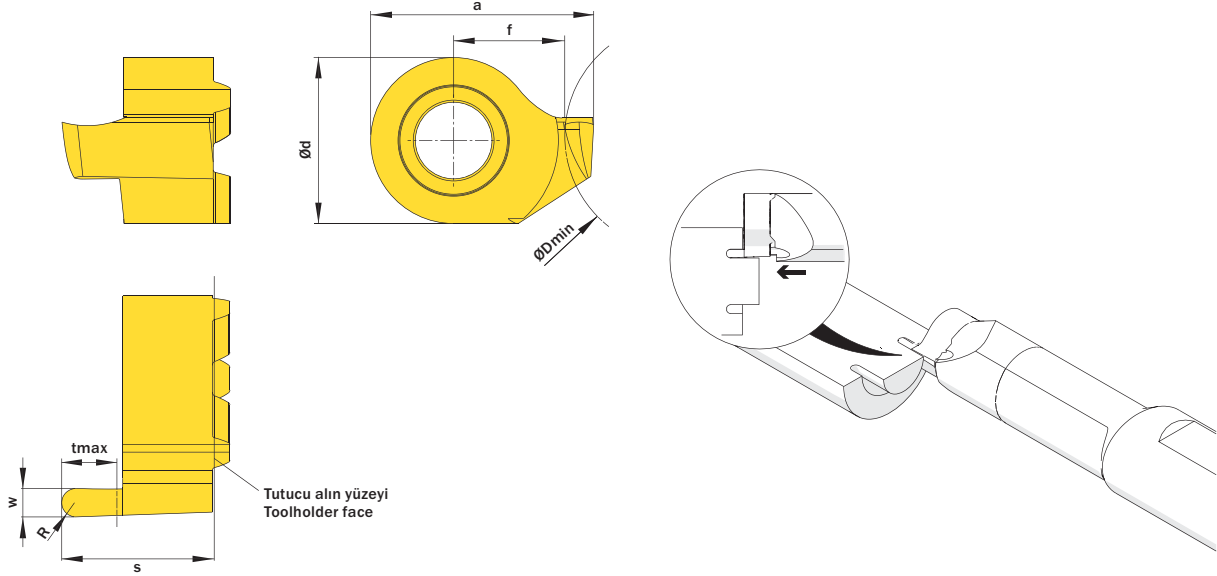
Kesme parametreleri // Cutting parameters (start)

f	Vc
0,02 mm/U	Sayfa/Page 71

Uyumlu takım tutucu sayfaları // Suitable toolholders on page  
22, 23, 24

SP  
HM R Referans  
Legend 66

QR-Code www.simtek.info/cp/964  
Tara // Scan Veya ziyaret edin // Or Visit



Görseldeki çizim/Drawing shows: D14.1216.08 AR

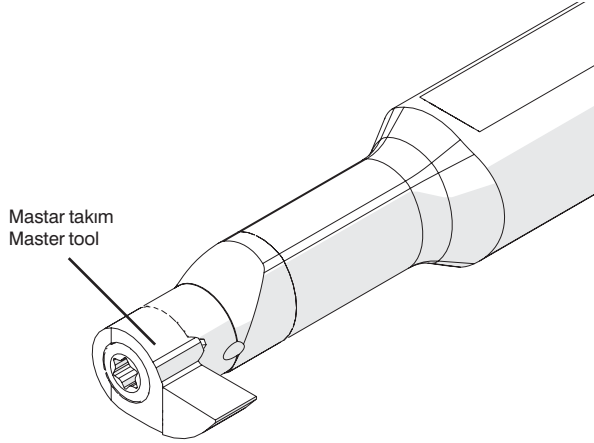
Ødmin (min. delik) ØDmin (min. bore)	w <sup>+0,03</sup>	R	Ürün kodu Part number	Webcode www.simtek.com/webcode	Bizim tavsiyemiz Our first choice	a	Ød	f	S	tmax	Connectcode www.simtek.com/code	
mm	mm	mm			P K M N S	mm	mm	mm	mm	mm		
▼ tmax = 1,5 mm												
12,0	1,0	0,5	<b>D14.1210.05 AR/L</b>	R AU6C	L AU6B	X800 X400	11,5	9,0	6,0	8,3	1,5	R D14.A.R L D14.A.L
▼ tmax = 2,5 mm												
12,0	1,5	0,75	<b>D14.1215.07 AR/L</b>	R A08G	L A08F	X800 X400	12,0	9,0	6,0	8,3	2,5	R D14.A.R L D14.A.L
12,0	1,6	0,8	<b>D14.1216.08 AR/L</b>	R AU6E	L AU6D	X800 X400	12,1	9,0	6,0	8,3	2,5	R D14.A.R L D14.A.L
▼ tmax = 3,0 mm												
12,0	2,0	1,0	<b>D14.1220.10 AR/L</b>	R AU6G	L AU6F	X800 X400	12,5	9,0	6,0	8,3	3,0	R D14.A.R L D14.A.L
12,0	2,5	1,25	<b>D14.1225.12 AR/L</b>	R AU6J	L AU6H	X800 X400	13,0	9,0	6,0	8,3	3,0	R D14.A.R L D14.A.L
12,0	3,0	1,5	<b>D14.1230.15 AR/L</b>	R AU6M	L AU6K	X800 X400	13,5	9,0	6,0	8,3	3,0	R D14.A.R L D14.A.L
▼ tmax = 5,0 mm												
12,0	2,0	1,0	<b>D14.1220.50 AV R/L</b>	R AWEZ	L AWEY	X800 X400	12,5	9,0	6,0	10,3	5,0	R D14.A.R L D14.A.L
12,0	2,5	1,25	<b>D14.1225.50 AV R/L</b>	R AWE1	L AWE0	X800 X400	13,0	9,0	6,0	10,3	5,0	R D14.A.R L D14.A.L
12,0	3,0	1,5	<b>D14.1230.50 AV R/L</b>	R AWE3	L AWE2	X800 X400	13,5	9,0	6,0	10,3	5,0	R D14.A.R L D14.A.L

İ Sipariş örneği // Order example: **D14.1220.50 AV R X800** (R = Sağ model // Right hand version, X800 = Kesici kalitesi // Grade)



## Ek Bilgi Additional information

### MASTAR // MASTER



Hidrolik genişleme aynalarının içindeki takım tutucu ayarlama ve konumlandırma için lütfen aşağıdaki mastar takımlarını kullanın. Bu mastar takımlar kolay ve güvenli bir yol sağlar.

Please use the following Master tools, for adjusting and positioning the toolholder in hydraulic expansion chucks. These Master tools provide an

Mastar takım Master tool	Webcode	Takım tutucu For toolholder
D07.MASTER GF25	A25K	D07...
D09.MASTER GF25	A25M	D09...
D10.MASTER R GF25	ATWD	D10...
D11.MASTER GF25	A25N	D11...
D14.MASTER R GF25	ATWC	D14...
D16.MASTER GF25	A25P	D16...
D18.MASTER GF25	A25Q	D18...

### T01

Metrik ISO dişler için kısmi ve çok amaçlı diş profil uçları. Tek bir uç ile farklı adımlar işlenebilir.

Kesici uç daima önerilen adım üzerine tasarlanmıştır.

"Adım (minimum)": Adımın işlenmesi standarda uygun diş formuyla sonuçlanır.

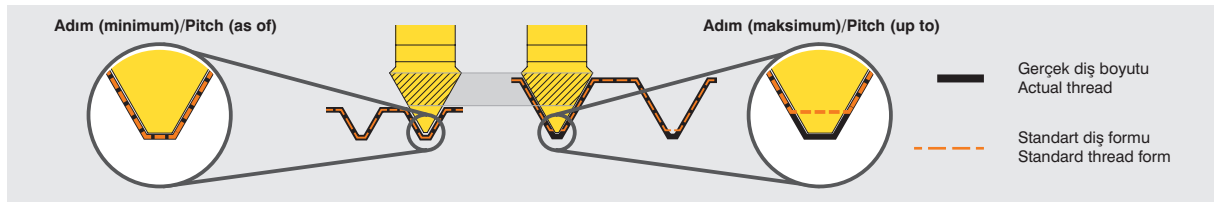
"Adım (maksimum)": Kesici uç ile standart uygunlukta işlenebilir.

Ortaya çıkan diş derinliği standarttan biraz daha derin olacaktır. Daha derin diş genellikle kabul edilebilir, ancak uygulama ve kullanımın değerlendirilmesi gerekir.

The simturn threading inserts with partial profile for metric ISO-threads are multi-purpose tools. This means that each insert is offering the possibility to machine different pitches.

The insert is always designed to meet the pitch given as „Pitch (as of)“:

Machining this pitch will result in a standard conform thread form. The given „Pitch (up to)“ can be machined too with this insert at the expense of standard conformity: The resulting thread will be slightly deeper than the standard. The deeper thread is usually acceptable, but the application and use needs to be evaluated.



Örnek/Example

**Bilgi // Info**

## Referans Legend

**SP****CBN****CBN uç // CBN insert****SP****HM****Karbür uç // Carbide insert****TW****HM****Karbür takım tutucu // Carbide toolholder****TW****ST****Çelik takım tutucu // Steel toolholder****ME****ME sıkma sistemi // ME-clamping system****R****Sağ yön versiyonu gösterilmiştir, sol yön versiyonu ters // Right hand version shown, left hand version inversely****Soğutma sıvısı // Through coolant****Titreşim önleyici // Anti-vibration**

simturn DX Ürün listesi  
simturn DX Product list

Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P
D07.0.500.21 HM	10	D08.0080.00 ZL	34	D09.0055.02.09 YEL	27	D09.3055.02.09 YL	31	D10.0150.02.12 NR	47
D07.0.500.30 HM	10	D08.0080.00 ZR	34	D09.0055.02.09 YER	27	D09.3055.02.09 YR	31	D10.0160.00.10 GL	36
D07.0.500.42 HM	10	D08.0090.00 ZL	34	D09.0070.00.09 GL	35	D09.3065.02.10 YL	31	D10.0160.00.10 GR	36
D07.0012.21 HM	10	D08.0090.00 ZR	34	D09.0070.00.09 GR	35	D09.3065.02.10 YR	31	D10.0198.02.10 NR	46
D07.0012.21 ST	21	D08.0100.00 GL	34	D09.0080.00.09 GL	35	D09.4545.02.09 FL	30	D10.0200.00.10 GL	36
D07.0012.30 HM	10	D08.0100.00 GR	34	D09.0080.00.09 GR	35	D09.4545.02.09 FR	30	D10.0200.00.10 GR	36
D07.0012.42 HM	10	D08.0110.00 GL	34	D09.0090.00.09 GL	35	D09.4755.02.09 YL	29	D10.0200.00.11 GL	37
D07.0016.12 ST	21	D08.0110.00 GR	34	D09.0090.00.09 GR	35	D09.4755.02.09 YR	29	D10.0200.00.11 GR	37
D07.0100.00.07 GL	33	D08.0130.00 GL	34	D09.0100.00.09 GL	35	D09.TR15.01.09 ML	56	D10.0200.00.12 GL	39
D07.0100.00.07 GR	33	D08.0130.00 GR	34	D09.0100.00.09 GR	35	D09.TR15.01.09 MR	56	D10.0200.00.12 GR	39
D07.0100.00.08 GL	33	D08.0150.00 GL	34	D09.0110.00.09 GL	35	D09.TR20.01.09 ML	56	D10.0200.02.10 NL	46
D07.0100.00.08 GR	33	D08.0150.00 GR	34	D09.0110.00.09 GR	35	D09.TR20.01.09 MR	56	D10.0200.02.10 NR	46
D07.0150.00.07 GL	33	D08.0150.02 NL	46	D09.0130.00.09 GL	35	D09.TR30.01.09 ML	56	D10.0200.02.11 NL	47
D07.0150.00.07 GR	33	D08.0150.02 NR	46	D09.0130.00.09 GR	35	D09.TR30.01.09 MR	56	D10.0200.02.11 NR	47
D07.0150.00.08 GL	33	D08.0157.00 GL	34	D09.0150.00.09 GL	35	D09.TR40.01.10 ML	56	D10.0200.02.12 NL	47
D07.0150.00.08 GR	33	D08.0157.00 GR	34	D09.0150.00.09 GR	35	D09.TR40.01.10 MR	56	D10.0200.02.12 NR	47
D07.0150.02.08 NL	46	D08.0157.02 NL	46	D09.0150.02.09 NL	46	D10.0.500.22 HM	13	D10.0205.01.10 ML	54
D07.0150.02.08 NR	46	D08.0157.02 NR	46	D09.0150.02.09 NR	46	D10.0.500.32 HM	13	D10.0205.01.10 MR	54
D07.1841.01 YL	26	D08.0160.00 GL	34	D09.0150.02.10 NL	46	D10.0.500.48 HM	13	D10.0205.02.10 ML	52
D07.1841.01 YR	26	D08.0160.00 GR	34	D09.0150.02.10 NR	46	D10.0.500.64 HM	13	D10.0205.02.10 MR	52
D07.1841.02 YL	26	D08.0200.00 GL	34	D09.0160.00.09 GL	35	D10.0.625.16 ST	21	D10.0238.00.10 GL	36
D07.1841.02 YR	26	D08.0200.00 GR	34	D09.0160.00.09 GR	35	D10.0.625.24 ST	21	D10.0238.00.10 GR	36
D07.4545.02.07 FL	30	D08.0200.02 NL	46	D09.0200.00.09 GL	35	D10.0004.08.10 VL	49	D10.0238.00.11 GL	37
D07.4545.02.07 FR	30	D08.0200.02 NR	46	D09.0200.00.09 GR	35	D10.0004.08.10 VR	49	D10.0238.00.11 GR	37
D07.4746.02 YL	29	D08.0205.01 ML	54	D09.0200.02.09 NL	46	D10.0006.12.10 VL	49	D10.0250.00.10 GL	36
D07.4746.02 YR	29	D08.0205.01 MR	54	D09.0200.02.09 NR	46	D10.0006.12.10 VR	49	D10.0250.00.10 GR	36
D07.A06.20 HM	19	D08.0510.01 ML	54	D09.0200.02.10 NL	46	D10.0009.18.10 VL	49	D10.0250.00.11 GL	37
D07.A06.30 HM	19	D08.0510.01 MR	54	D09.0200.02.10 NR	46	D10.0009.18.10 VR	49	D10.0250.00.11 GR	37
D07.A06.40 HM	19	D08.0810.00 PL	51	D09.0205.01.09 ML	54	D10.0010.20.10 VL	49	D10.0300.00.10 GL	36
D07.A06.50 HM	19	D08.0810.00 PR	51	D09.0205.01.09 MR	54	D10.0010.20.10 VR	49	D10.0300.00.10 GR	36
D07.A06.60 HM	19	D08.0815.01 ML	54	D09.0205.02.09 ML	52	D10.0012.24 HM	13	D10.0300.00.11 GL	37
D07.MT05.01.07 ML	54	D08.0815.01 MR	54	D09.0205.02.09 MR	52	D10.0012.32 HM	13	D10.0300.00.11 GR	37
D07.MT05.01.07 MR	54	D08.1846.005 YL	26	D09.0250.00.09 GL	35	D10.0012.48 HM	13	D10.0318.00.10 GL	36
D07.MT10.01.07 ML	54	D08.1846.005 YR	26	D09.0250.00.09 GR	35	D10.0012.64 HM	13	D10.0318.00.10 GR	36
D07.MT10.01.07 MR	54	D08.1846.02 YL	26	D09.0300.00.09 GL	35	D10.0016.16 ST	21	D10.0318.00.11 GL	37
D07.MT15.01.07 ML	54	D08.1846.02 YR	26	D09.0300.00.09 GR	35	D10.0016.24 ST	21	D10.0318.00.11 GR	37
D07.MT15.01.07 MR	54	D08.1846.02 YU L	28	D09.0510.01.09 ML	54	D10.0020.24.087 ME	18	D10.0510.01.10 ML	54
D08.0.500.12 ST	20	D08.1846.02 YU R	28	D09.0510.01.09 MR	54	D10.0056.02.10 YEL	27	D10.0510.01.10 MR	54
D08.0.500.21 HM	11	D08.2046.02 YL	26	D09.0510.02.09 ML	52	D10.0056.02.10 YER	27	D10.0510.02.10 ML	52
D08.0.500.30 HM	11	D08.2046.02 YR	26	D09.0510.02.09 MR	52	D10.0070.00.10 GL	36	D10.0510.02.10 MR	52
D08.0.500.42 HM	11	D08.2555.02 YL	29	D09.0810.00.09 PL	51	D10.0070.00.10 GR	36	D10.0810.00.10 PL	51
D08.0.625.12 ST	20	D08.2555.02 YR	29	D09.0810.00.09 PR	51	D10.0080.00.10 GL	36	D10.0810.00.10 PR	51
D08.0004.08 VL	49	D08.3046.02 YL	31	D09.0815.01.09 ML	54	D10.0080.00.10 GR	36	D10.0813.19.10 ML	57
D08.0004.08 VR	49	D08.3046.02 YR	31	D09.0815.01.09 MR	54	D10.0090.00.10 GL	36	D10.0813.19.10 MR	57
D08.0006.12 VL	49	D08.4545.02 FL	30	D09.0815.02.09 ML	52	D10.0090.00.10 GR	36	D10.0815.01.10 ML	54
D08.0006.12 VR	49	D08.4545.02 FR	30	D09.0815.02.09 MR	52	D10.0100.00.10 GL	36	D10.0815.01.10 MR	54
D08.0008.157 VL	49	D08.4746.01 YL	29	D09.0917.01.09 ML	54	D10.0100.00.10 GR	36	D10.0815.02.10 ML	52
D08.0008.157 VR	49	D08.4746.01 YR	29	D09.0917.01.09 MR	54	D10.0100.00.11 GL	37	D10.0815.02.10 MR	52
D08.0009.18 VL	49	D08.4746.02 YL	29	D09.0917.02.09 ML	52	D10.0100.00.11 GR	37	D10.0917.01.10 ML	54
D08.0009.18 VR	49	D08.4746.02 YR	29	D09.0917.02.09 MR	52	D10.0100.00.12 GL	39	D10.0917.01.10 MR	54
D08.0010.20 VL	49	D08.4746.04 YL	29	D09.1020.01.09 ML	54	D10.0100.00.12 GR	39	D10.0917.02.10 ML	54
D08.0010.20 VR	49	D08.4746.04 YR	29	D09.1020.01.09 MR	54	D10.0110.00.10 GL	36	D10.0917.02.10 MR	52
D08.0012.21 HM	11	D09.0.625.14 ST	21	D09.1020.02.09 ML	52	D10.0110.00.10 GR	36	D10.1020.01.10 ML	54
D08.0012.21 ST	20	D09.0004.08.09 VL	49	D09.1020.02.09 MR	52	D10.0130.00.10 GL	36	D10.1020.01.10 MR	54
D08.0012.30 HM	11	D09.0004.08.09 VR	49	D09.1325.01.09 ML	54	D10.0130.00.10 GR	36	D10.1020.02.10 ML	52
D08.0012.42 HM	11	D09.0006.12.09 VL	49	D09.1325.01.09 MR	54	D10.0150.00.10 GL	36	D10.1020.02.10 MR	52
D08.0012.50 HM	11	D09.0006.12.09 VR	49	D09.1325.02.09 ML	52	D10.0150.00.10 GR	36	D10.1118.14.10 ML	57
D08.0016.12 ST	20	D09.0009.18.09 VL	49	D09.1325.02.09 MR	52	D10.0150.00.11 GL	37	D10.1118.14.10 MR	57
D08.0046.02.08 YEL	27	D09.0009.18.09 VR	49	D09.1630.01.09 ML	54	D10.0150.00.11 GR	37	D10.1325.01.10 ML	54
D08.0046.02.08 YER	27	D09.0010.20.09 VL	49	D09.1630.01.09 MR	54	D10.0150.00.12 GL	39	D10.1325.01.10 MR	54
D08.0070.00 ZL	34	D09.0010.20.09 VR	49	D09.1630.02.09 ML	52	D10.0150.00.12 GR	39	D10.1325.02.10 ML	52
D08.0070.00 ZR	34	D09.0012.22 HM	12	D09.1630.02.09 MR	52	D10.0150.02.10 NL	46	D10.1325.02.10 MR	52
D08.0078.00 GL	34	D09.0012.30 HM	12	D09.1855.02.09 YL	26	D10.0150.02.10 NR	46	D10.1423.11.10 ML	57
D08.0078.00 GR	34	D09.0012.42 HM	12	D09.1855.02.09 YR	26	D10.0150.02.11 NL	47	D10.1423.11.10 MR	57
D08.0078.02 NL	46	D09.0012.56 HM	12	D09.2055.02.09 YL	26	D10.0150.02.11 NR	47	D10.1630.01.10 ML	54
D08.0078.02 NR	46	D09.0016.14 ST	21	D09.2055.02.09 YR	26	D10.0150.02.12 NL	47	D10.1630.01.10 MR	54

## Gösterge (indeks) // Index

simturm DX Ürün listesi  
simturm DX Product list

Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P
D10.1630.02.10 MR	52	D11.0.625.16 ST	20	D11.0510.01 MR	55	D14.0.750.S.B.120 STR	24	D14.0160.00 GR	40
D10.1856.02.10 YL	26	D11.0004.08 VL	49	D11.0510.02 ML	52	D14.0004.08 VL	50	D14.0198.02 NL	47
D10.1856.02.10 YR	26	D11.0004.08 VR	49	D11.0510.02 MR	52	D14.0004.08 VR	50	D14.0198.02 NR	47
D10.1856.02.10 YU L	28	D11.0006.12 VL	49	D11.0810.00 PL	51	D14.0006.12 VL	50	D14.0200.00 GL	40
D10.1856.02.10 YU R	28	D11.0006.12 VR	49	D11.0810.00 PR	51	D14.0006.12 VR	50	D14.0200.00 GR	40
D10.1866.02.11 YL	26	D11.0008.16 VL	49	D11.0813.19 ML	57	D14.0008.16 VL	50	D14.0200.00.16 GL	41
D10.1866.02.11 YR	26	D11.0008.16 VR	49	D11.0813.19 MR	57	D14.0008.16 VR	50	D14.0200.00.16 GR	41
D10.2056.02.10 YL	26	D11.0009.18 VL	49	D11.0815.00 PL	51	D14.0009.18 VL	50	D14.0200.00.17 GL	43
D10.2056.02.10 YR	26	D11.0009.18 VR	49	D11.0815.00 PR	51	D14.0009.18 VR	50	D14.0200.00.17 GR	43
D10.3058.02.10 YL	31	D11.0010.20 VL	49	D11.0815.01 ML	55	D14.0010.20 VL	50	D14.0200.02 NL	47
D10.3058.02.10 YR	31	D11.0010.20 VR	49	D11.0815.01 MR	55	D14.0010.20 VR	50	D14.0200.02 NR	47
D10.3068.02.11 YL	31	D11.0012.24 VL	49	D11.0815.02 ML	52	D14.0011.22 VL	50	D14.0200.02.16 NL	47
D10.3068.02.11 YR	31	D11.0012.24 VR	49	D11.0815.02 MR	52	D14.0011.22 VR	50	D14.0200.02.16 NR	47
D10.4545.02.10 FL	30	D11.0012.29 HM	14	D11.1015.01 ML	56	D14.0012.20 HM	15	D14.0200.02.17 NL	48
D10.4545.02.10 FR	30	D11.0012.29 ST	20	D11.1015.01 MR	56	D14.0012.24 VL	50	D14.0200.02.17 NR	48
D10.4758.02.10 YL	29	D11.0012.42 HM	14	D11.1020.01 ML	55	D14.0012.24 VR	50	D14.0205.02 ML	53
D10.4758.02.10 YR	29	D11.0012.56 HM	14	D11.1020.01 MR	55	D14.0012.34 HM	15	D14.0205.02 MR	53
D10.AC05.01.11 MR	58	D11.0012.64 HM	14	D11.1020.02 ML	52	D14.0012.45 HM	15	D14.0238.00 GL	40
D10.AC06.01.11 ML	58	D11.0015.30 VL	49	D11.1020.02 MR	52	D14.0012.64 HM	15	D14.0238.00 GR	40
D10.AC06.01.11 MR	58	D11.0015.30 VR	49	D11.1118.14 ML	57	D14.0015.30 VL	50	D14.0250.00 GL	40
D10.AC08.01.11 ML	58	D11.0016.16 ST	20	D11.1118.14 MR	57	D14.0015.30 VR	50	D14.0250.00 GR	40
D10.AC08.01.11 MR	58	D11.0067.02.11 YEL	27	D11.1220.01 ML	56	D14.0016.20 ST	21	D14.0250.00.16 GL	41
D10.NP14.02.10 ML	59	D11.0067.02.11 YER	27	D11.1220.01 MR	56	D14.0016.30 ST	21	D14.0250.00.16 GR	41
D10.NP14.02.10 MR	59	D11.0070.00 ZL	38	D11.1325.01 ML	55	D14.0016.34 HM	15	D14.0250.00.17 GL	43
D10.NP18.02.10 ML	59	D11.0070.00 ZR	38	D11.1325.01 MR	55	D14.0016.45 HM	15	D14.0250.00.17 GR	43
D10.NP18.02.10 MR	59	D11.0078.00 ZL	38	D11.1325.02 ML	52	D14.0016.64 HM	15	D14.0250.02 NL	47
D10.NP27.02.10 ML	59	D11.0078.00 ZR	38	D11.1325.02 MR	52	D14.0016.75 HM	15	D14.0250.02 NR	47
D10.NP27.02.10 MR	59	D11.0078.02 NL	46	D11.1630.02 ML	52	D14.0020.25.124 ME	18	D14.0250.02.16 NL	47
D10.SA05.01.10 ML	58	D11.0078.02 NR	46	D11.1630.02 MR	52	D14.0031.62 VR	50	D14.0250.02.16 NR	47
D10.SA05.01.10 MR	58	D11.0080.00 ZL	38	D11.1730.01 ML	56	D14.0062.12 VL	50	D14.0250.02.17 NL	48
D10.SA06.01.10 ML	58	D11.0080.00 ZR	38	D11.1730.01 MR	56	D14.0062.12 VR	50	D14.0250.02.17 NR	48
D10.SA06.01.10 MR	58	D11.0090.00 ZL	38	D11.1855.02 YL	26	D14.0070.00 ZL	40	D14.0300.00 GL	40
D10.SA08.01.10 ML	58	D11.0090.00 ZR	38	D11.1855.02 YR	26	D14.0070.00 ZR	40	D14.0300.00 GR	40
D10.SA08.01.10 MR	58	D11.0100.00 GL	38	D11.1855.02 YU L	28	D14.0078.00 ZL	40	D14.0300.00.16 GL	41
D10.SA10.01.10 ML	58	D11.0100.00 GR	38	D11.1855.02 YU R	28	D14.0078.00 ZR	40	D14.0300.00.16 GR	41
D10.SA10.01.10 MR	58	D11.0100.02 NL	46	D11.1867.02 YL	26	D14.0078.02 NL	47	D14.0300.00.17 GL	43
D10.SA12.01.10 ML	58	D11.0100.02 NR	46	D11.1867.02 YR	26	D14.0078.02 NR	47	D14.0300.00.17 GR	43
D10.SA12.01.10 MR	58	D11.0110.00 GL	38	D11.1867.02 YU L	28	D14.0080.00 ZL	40	D14.0300.02.16 NL	47
D10.TR15.01.10 ML	56	D11.0110.00 GR	38	D11.1867.02 YU R	28	D14.0080.00 ZR	40	D14.0300.02.16 NR	47
D10.TR15.01.10 MR	56	D11.0130.00 GL	38	D11.2067.02 YL	26	D14.0086.00 ZL	40	D14.0300.02.17 NL	48
D10.TR20.01.10 ML	56	D11.0130.00 GR	38	D11.2067.02 YR	26	D14.0086.00 ZR	40	D14.0300.02.17 NR	48
D10.TR20.01.10 MR	56	D11.0150.00 GL	38	D11.2240.01 ML	56	D14.0090.00 ZL	40	D14.0318.00 GL	40
D10.TR30.01.10 ML	56	D11.0150.00 GR	38	D11.2240.01 MR	56	D14.0090.00 ZR	40	D14.0318.00 GR	40
D10.TR30.01.10 MR	56	D11.0150.02 NL	46	D11.2755.02 YL	29	D14.0100.00 ZL	40	D14.0318.02 NL	47
D10.TR40.01.11 ML	56	D11.0150.02 NR	46	D11.2755.02 YR	29	D14.0100.00 ZR	40	D14.0318.02 NR	47
D10.TR40.01.11 MR	56	D11.0157.00 GL	38	D11.3067.02 YL	31	D14.0110.00 GL	40	D14.0318.02.17 NR	48
D10.UN08.02.10 ML	60	D11.0157.00 GR	38	D11.3067.02 YR	31	D14.0110.00 GR	40	D14.0510.01 ML	55
D10.UN08.02.10 MR	60	D11.0157.02 NL	46	D11.4545.02 FL	30	D14.0130.00 GL	40	D14.0510.01 MR	55
D10.UN13.02.10 MR	60	D11.0157.02 NR	46	D11.4545.02 FR	30	D14.0130.00 GR	40	D14.0510.02 ML	53
D10.UN14.02.10 ML	60	D11.0160.00 GL	38	D11.4767.02 YL	29	D14.0150.00 GL	40	D14.0510.02 MR	53
D10.UN14.02.10 MR	60	D11.0160.00 GR	38	D11.4767.02 YR	29	D14.0150.00 GR	40	D14.0810.00 PL	51
D10.UN16.02.10 ML	60	D11.0200.00 GL	38	D11.4767.04 YR	29	D14.0150.00.16 GL	41	D14.0810.00 PR	51
D10.UN16.02.10 MR	60	D11.0200.00 GR	38	D11.AC06.01 ML	58	D14.0150.00.16 GR	41	D14.0813.19 ML	57
D10.UN18.02.10 ML	60	D11.0200.02 NL	46	D11.AC06.01 MR	58	D14.0150.00.17 GL	43	D14.0813.19 MR	57
D10.UN18.02.10 MR	60	D11.0200.02 NR	46	D14.0.500.34 HM	15	D14.0150.00.17 GR	43	D14.0815.00 PL	51
D10.UN20.02.10 ML	60	D11.0205.01 ML	55	D14.0.500.45 HM	15	D14.0150.02 NL	47	D14.0815.00 PR	51
D10.UN20.02.10 MR	60	D11.0205.01 MR	55	D14.0.500.64 HM	15	D14.0150.02 NR	47	D14.0815.01 ML	55
D10.UN24.02.10 ML	60	D11.0238.00 GL	38	D14.0.500.S.B.100 STL	24	D14.0150.02.16 NL	47	D14.0815.01 MR	55
D10.UN24.02.10 MR	60	D11.0238.00 GR	38	D14.0.500.S.B.100 STR	24	D14.0150.02.16 NR	47	D14.0815.02 ML	53
D10.UN28.02.10 ML	60	D11.0250.00 GL	38	D14.0.625.20 ST	21	D14.0150.02.17 NL	48	D14.0815.02 MR	53
D10.UN28.02.10 MR	60	D11.0250.00 GR	38	D14.0.625.34 HM	15	D14.0150.02.17 NR	48	D14.1.000.S.B.150 ST L	24
D10.UN32.02.10 ML	60	D11.0300.00 GL	38	D14.0.625.45 HM	15	D14.0157.00 GL	40	D14.1.000.S.B.150 STR	24
D10.UN32.02.10 MR	60	D11.0300.00 GR	38	D14.0.625.64 HM	15	D14.0157.00 GR	40	D14.1.020.01 ML	55
D11.0.500.29 HM	14	D11.0318.00 GL	38	D14.0.625.S.B.120 ST L	24	D14.0157.02 NL	47	D14.1.020.01 MR	55
D11.0.500.42 HM	14	D11.0318.00 GR	38	D14.0.625.S.B.120 STR	24	D14.0157.02 NR	47	D14.1.020.02 ML	53
D11.0.500.56 HM	14	D11.0510.01 ML	55	D14.0.750.S.B.120 ST L	24	D14.0160.00 GL	40	D14.1.020.02 MR	53

## Gösterge (indeks) // Index

simturm DX Ürün listesi  
simturm DX Product list

Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P	Artikel no // Part Nr.	S/P	Ürün kodu // Part Nr.	S/P
D14.1118.14 MR	57	D14.1412.058 AV R	63	D14.2525.ST R	23	D16.0078.00 ZR	42	D16.1897.02 YR	26
D14.1210.00 AL	62	D14.1415.02 AL	61	D14.2750.01 ML	56	D16.0078.02 NL	48	D16.1897.02 YU L	28
D14.1210.00 AR	62	D14.1415.02 AR	61	D14.2750.01 MR	56	D16.0078.02 NR	48	D16.1897.02 YU R	28
D14.1210.05 AL	64	D14.1415.07 AL	63	D14.3087.02 YL	31	D16.0080.00 ZL	42	D16.2140.02 ML	53
D14.1210.05 AR	64	D14.1415.07 AR	63	D14.3087.02 YR	31	D16.0080.00 ZR	42	D16.2140.02 MR	53
D14.1211.00 AL	62	D14.1416.02 AL	61	D14.3555.02 YL	29	D16.0090.00 ZL	42	D16.2240.01 ML	56
D14.1211.00 AR	62	D14.1416.02 AR	61	D14.3555.02 YR	29	D16.0090.00 ZR	42	D16.2240.01 MR	56
D14.1212.B.100 ST L	24	D14.1416.020 AR	61	D14.4545.02 FL	30	D16.0110.00 GL	42	D16.2750.01 ML	56
D14.1212.B.100 ST R	24	D14.1416.08 AL	63	D14.4545.02 FR	30	D16.0110.00 GR	42	D16.2750.01 MR	56
D14.1212.ST L	23	D14.1416.08 AR	63	D14.4710.02 YL	29	D16.0130.00 GL	42	D16.3560.01 ML	56
D14.1212.ST R	23	D14.1420.02 AL	61	D14.4710.02 YR	29	D16.0130.00 GR	42	D16.3560.01 MR	56
D14.1215.02 AL	62	D14.1420.02 AR	61	D14.4787.02 YL	29	D16.0150.00 GL	42	D16.4055.02 YL	29
D14.1215.02 AR	62	D14.1420.10 AL	63	D14.4787.02 YR	29	D16.0150.00 GR	42	D16.4055.02 YR	29
D14.1215.07 AL	64	D14.1420.10 AR	63	D14.4787.04 YR	29	D16.0157.00 GL	42	D16.4702.02 YL	29
D14.1215.07 AR	64	D14.1420.50 AV L	63	D14.A.0.625.20 ST L	22	D16.0157.00 GR	42	D16.4702.02 YR	29
D14.1216.02 AL	62	D14.1420.50 AV R	63	D14.A.0.625.20 ST R	22	D16.0157.02 NL	48	D18.0.625.42 HM	17
D14.1216.02 AR	62	D14.1420.52 AL	61	D14.A.0.625.42 HM L	22	D16.0157.02 NR	48	D18.0.625.60 HM	17
D14.1216.08 AL	64	D14.1420.52 AR	61	D14.A.0.625.42 HM R	22	D16.0157.04 NL	48	D18.0.625.85 HM	17
D14.1216.08 AR	64	D14.1424.02 AL	61	D14.A.0016.05 ST L	22	D16.0157.04 NR	48	D18.0.750.25 ST	21
D14.1219.02 AL	62	D14.1424.02 AR	61	D14.A.0016.05 ST R	22	D16.0160.00 GL	42	D18.0.750.40 ST	21
D14.1219.02 AR	62	D14.1424.52 AL	61	D14.A.0016.20 ST L	22	D16.0160.00 GR	42	D18.0.750.85 HM	17
D14.1220.01 ML	56	D14.1424.52 AR	61	D14.A.0016.20 ST R	22	D16.0200.00 GL	42	D18.0009.18.18 VL	50
D14.1220.01 MR	56	D14.1425.02 AL	61	D14.A.0016.42 HM L	22	D16.0200.00 GR	42	D18.0009.18.18 VR	50
D14.1220.02 AL	62	D14.1425.02 AR	61	D14.A.0016.42 HM R	22	D16.0200.02 NL	48	D18.0011.22.18 VL	50
D14.1220.02 AR	62	D14.1425.12 AL	63	D14.A.0016.60 HM L	22	D16.0200.02 NR	48	D18.0011.22.18 VR	50
D14.1220.10 AL	64	D14.1425.12 AR	63	D14.A.0016.60 HM R	22	D16.0250.00 GL	42	D18.0015.30.18 VL	50
D14.1220.10 AR	64	D14.1425.50 AV L	63	D14.UN08.02.14 M R	60	D16.0250.00 GR	42	D18.0015.30.18 VR	50
D14.1220.50 AV L	64	D14.1425.50 AV R	63	D14.UN10.02.14 M R	60	D16.0300.00 GL	42	D18.0016.32.18 VL	50
D14.1220.50 AV R	64	D14.1425.52 AL	61	D14.UN12.02.14 M R	60	D16.0300.00 GR	42	D18.0016.32.18 VR	50
D14.1220.52 AL	62	D14.1425.52 AR	61	D14.WF33.60.12 L	25	D16.0350.00 GL	42	D18.0016.42 HM	17
D14.1220.52 AR	62	D14.1430.02 AL	61	D14.WF33.60.12 R	25	D16.0350.00 GR	42	D18.0016.60 HM	17
D14.1224.02 AL	62	D14.1430.02 AR	61	D16.0.500.40 HM	16	D16.0400.00 GL	42	D18.0016.85 HM	17
D14.1224.02 AR	62	D14.1430.15 AL	63	D16.0.500.56 HM	16	D16.0400.00 GR	42	D18.0020.25 ST	21
D14.1224.52 AL	62	D14.1430.15 AR	63	D16.0.500.80 HM	16	D16.0510.01 ML	55	D18.0020.40 ST	21
D14.1224.52 AR	62	D14.1430.50 AV L	63	D16.0.625.22 ST	20	D16.0510.01 MR	55	D18.0020.40.18 VL	50
D14.1225.02 AL	62	D14.1430.50 AV R	63	D16.0.625.40 HM	16	D16.0510.02 ML	53	D18.0020.40.18 VR	50
D14.1225.02 AR	62	D14.1430.52 AL	61	D16.0.625.56 HM	16	D16.0510.02 MR	53	D18.0020.85 HM	17
D14.1225.12 AL	64	D14.1430.52 AR	61	D16.0.625.80 HM	16	D16.0810.00 PL	51	D18.0150.00.18 GL	44
D14.1225.12 AR	64	D14.1430.62 AR	61	D16.0008.16 VL	50	D16.0810.00 PR	51	D18.0150.00.18 GR	44
D14.1225.50 AV L	64	D14.1432.02 AL	61	D16.0008.16 VR	50	D16.0815.00 PL	51	D18.0150.00.20 GL	45
D14.1225.50 AV R	64	D14.1432.02 AR	61	D16.0009.18 VL	50	D16.0815.00 PR	51	D18.0150.00.20 GR	45
D14.1225.52 AL	62	D14.1432.52 AL	61	D16.0009.18 VR	50	D16.0815.01 ML	55	D18.0150.02.20 NL	48
D14.1225.52 AR	62	D14.1432.52 AR	61	D16.0010.20 VL	50	D16.0815.01 MR	55	D18.0150.02.20 NR	48
D14.1230.02 AL	62	D14.1616.B.120 ST L	24	D16.0010.20 VR	50	D16.0815.02 ML	53	D18.0150.02.22 NL	48
D14.1230.02 AR	62	D14.1616.B.120 ST R	24	D16.0011.22 VL	50	D16.0815.02 MR	53	D18.0150.02.22 NR	48
D14.1230.15 AL	64	D14.1616.ST L	23	D16.0011.22 VR	50	D16.1020.01 ML	55	D18.0200.00.18 GL	44
D14.1230.15 AR	64	D14.1616.ST R	23	D16.0012.24 VL	50	D16.1020.01 MR	55	D18.0200.00.18 GR	44
D14.1230.50 AV L	64	D14.1730.01 ML	56	D16.0012.24 VR	50	D16.1020.02 ML	53	D18.0200.00.20 GL	45
D14.1230.50 AV R	64	D14.1730.01 MR	56	D16.0012.40 HM	16	D16.1020.02 MR	53	D18.0200.00.20 GR	45
D14.1230.52 AL	62	D14.1887.02 YL	26	D16.0012.56 HM	16	D16.1118.14 ML	57	D18.0200.02.18 NL	48
D14.1230.52 AR	62	D14.1887.02 YR	26	D16.0012.80 HM	16	D16.1118.14 MR	57	D18.0200.02.18 NR	48
D14.1230.62 AR	62	D14.1887.02 YU L	28	D16.0015.30 VL	50	D16.1220.01 ML	56	D18.0200.02.20 NL	48
D14.1232.02 AL	62	D14.1887.02 YU R	28	D16.0015.30 VR	50	D16.1220.01 MR	56	D18.0200.02.20 NR	48
D14.1232.02 AR	62	D14.1887.04 YL	26	D16.0016.22 ST	20	D16.1325.01 ML	55	D18.0200.02.22 NL	48
D14.1232.52 AL	62	D14.1887.04 YR	26	D16.0016.32 VL	50	D16.1325.01 MR	55	D18.0200.02.22 NR	48
D14.1232.52 AR	62	D14.2020.B.120 ST L	24	D16.0016.32 VR	50	D16.1325.02 ML	53	D18.0238.00.18 GL	44
D14.1325.01 ML	55	D14.2020.B.120 ST R	24	D16.0016.40 HM	16	D16.1325.02 MR	53	D18.0238.00.18 GR	44
D14.1325.01 MR	55	D14.2020.ST L	23	D16.0016.56 HM	16	D16.1423.11 ML	57	D18.0238.00.20 GL	45
D14.1325.02 ML	53	D14.2020.ST R	23	D16.0016.80 HM	16	D16.1423.11 MR	57	D18.0238.00.20 GR	45
D14.1325.02 MR	53	D14.2087.02 YL	26	D16.0020.40 VL	50	D16.1630.02 ML	53	D18.0250.00.18 GL	44
D14.1410.00 AL	61	D14.2087.02 YR	26	D16.0020.40 VR	50	D16.1630.02 MR	53	D18.0250.00.18 GR	44
D14.1410.00 AR	61	D14.2240.01 ML	56	D16.0031.62 VR	50	D16.1730.01 ML	56	D18.0250.00.20 GL	45
D14.1410.05 AL	63	D14.2240.01 MR	56	D16.0062.12 VR	50	D16.1730.01 MR	56	D18.0250.00.20 GR	45
D14.1410.05 AR	63	D14.2525.B.150 ST L	24	D16.0070.00 ZL	42	D16.1835.02 ML	53	D18.0250.02.20 NL	48
D14.1411.00 AL	61	D14.2525.B.150 ST R	24	D16.0070.00 ZR	42	D16.1835.02 MR	53	D18.0250.02.20 NR	48
D14.1411.00 AR	61	D14.2525.ST L	23	D16.0078.00 ZL	42	D16.1897.02 YL	26	D18.0300.00.18 GL	44

## Gösterge (indeks) // Index

simturn DX Ürün listesi  
simturn DX Product list

Ürün kodu // Part Nr.	S/P
D18.0300.00.20 GL	45
D18.0300.00.20 GR	45
D18.0300.02.20 NL	48
D18.0300.02.20 NR	48
D18.0318.00.18 GL	44
D18.0318.00.18 GR	44
D18.0318.02.20 NL	48
D18.0318.02.20 NR	48
D18.0350.00.18 GL	44
D18.0350.00.18 GR	44
D18.0350.00.20 GL	45
D18.0350.00.20 GR	45
D18.0400.00.18 GL	44
D18.0400.00.18 GR	44
D18.0400.00.20 GL	45
D18.0400.00.20 GR	45
D18.0400.02.20 NL	48
D18.0400.02.20 NR	48
D18.1630.10.02 A L	62
D18.1630.10.02 A R	62
D18.1640.10.02 A L	62
D18.1640.10.02 A R	62
D18.1830.10.02 AL	61
D18.1830.10.02 AR	61
D18.1840.10.02 AL	61
D18.1840.10.02 AR	61
D18.2020.B.120 ST L	24
D18.2020.B.120 ST R	24
D18.2020.ST L	23
D18.2020.ST R	23
D18.2525.B.120 ST L	24
D18.2525.B.120 ST R	24
D18.2525.ST L	23
D18.2525.ST R	23
D18.3014.02.20 YL	31
D18.3014.02.20 YR	31
D18.4712.02.18 YL	29
D18.4712.02.18 YR	29
D18.4714.02.20 YL	29
D18.4714.02.20 YR	29
D18.A.0020.05.18 ST L	22
D18.A.0020.05.18 ST R	22

## Kesme hızı parametreleri hakkında genel bilgi Information About The Cutting Parameters

Kesme hızı önerisi sayfası  
Cutting speed recommendation as of page

72

simturn AX

simturn DX

simturn H2

simturn K2

simturn C4

simturn GX

simturn E3

simturn E12

simturn FX

simturn  
Decolletage

simturn OA

Index

71

### 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 geometrilili 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)

## Bilgi // Info

Kesme hızı önerisi  
Cutting Speed Recommendation

ISO-Grup ISO-Group	Önerilen kesici kalitesi (*) 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%)	Tavlınmış Annealed	X400 / X600	110
			Sertleştirilmiş Hardened	X400 / X600	90
			Alaşımsız Unalloyed	X400 / X600	150
		Döküm Castings	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) Östenitik 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		



# Kesme hızı önerisi

## Cutting Speed Recommendation

ISO-Grup ISO-Group	Önerilen kesici kalitesi (*) 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	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 <sup>1</sup>	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

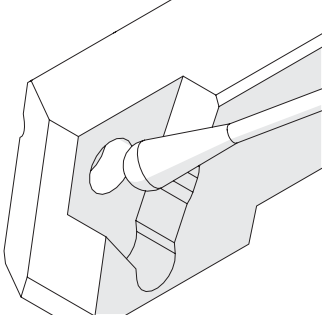
## Cutting Speed Recommendation

ISO-Grup ISO-Group	Önerilen kesici kalitesi (*) 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
		Isıya dayanıklı süper alaşımlar Co-bazlı Heat-resistant super alloys Co-based	Döküm veya döküm ve eskitilmiş Cast or Cast and aged	*X79	30
			Tavlı veya çözelti işlemine tabi tutulmuş Annealed or solution treated	*X79	10
	Titanium alaşımları Titanium Alloys	Çözelti işlemine tabi tutulmuş ve eskitilmiş Solution treated and aged	*X79	10	
		Döküm veya döküm ve eskitilmiş Cast or Cast and aged	*X79	10	
		Ticari saflıkta(99,5 % Ti) Commercial pure (99,5 % Ti)	*X79	80	
	H	CBN <sup>1</sup>	Sertleştirilmiş çelik Hardened steel	*T91	50
			Soğutulmuş dökme demir, döküm veya döküm ve eskitilmiş Chilled cast iron, cast or cast and aged	*T91	90

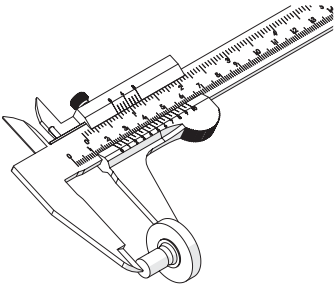
1) En iyi sonuçlar için, burada özel bir kesme kenarı geometrisi önerilir.  
Lütfen teknik desteğimizle iletişime geçin: +90 266 376 11 61 veya sales.tr@simtek.com  
For best results, a special cutting edge geometry is recommended here.  
Please contact our technical support +90 266 376 11 61 or sales.tr@simtek.com

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.

## 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

simturn AX

simturn DX

simturn H2

simturn K2

simturn C4

simturn GX

simturn E3

simturn E12

simturn FX

simturn  
Decolletage

simturn OA

Index

75