

Teknoloji profesyonellikle birleřti
Technology combined with professionalism



www.smoxx.com.tr

2017-2018 ÜRÜN KATALOĐU
2017-2018 PRODUCT CATALOG



KURUMSAL

CORPORATE

2004 yılında sanayi sektörüne adım atan firmamız, kurucumuz Mustafa ŞİMŞEK tarafından üretime odaklanarak, kalite yolunda büyük bir azim ve kararlılıkla kesici takım bağlama ekipmanları üretme kararı ile yola çıkmıştır.

Kurulduğu günden beri büyük bir azim ve kararlılıkla önce Türkiye pazarına satış gerçekleştirip daha sonra başta Avrupa pazarı olmak üzere bir çok ülkeye ihraacat yapmaktadır.

Smoxx markası hızla büyüyerek ve kalite odaklı bir marka olma yolunda hızlı ve güçlü şekilde ilerleyerek aranan ve müşterileri tarafından istenen bir marka haline gelmiştir. **Smoxx** gelişen teknolojiyi yakından takip ederek sürekli kendini yenilemiş, ürün çeşitliliğini arttırmıştır.

Çalışkan, yenilikçi, dinamik ve eğitimli çalışma arkadaşları ile ben değil BİZ ilkesini benimseyen bir firma haline gelmiştir.

Kurulduğu günden beri gelişen teknolojiyi takip etmiş ve CNC tezgahlara yatırım yaparak üretim kalitesini artırmıştır.

Başta mesai arkadaşlarımıza ve siz değerli müşterilerimize sonsuz teşekkür ederiz.

Our company which has been in 2004 by Mustafa ŞİMŞEK on industry sector is manufacturing cutting tool holders under the brand name Smoxx Cutting Tools.

Our company has been working with a great confidence and patience since its establishment and now we are making sales to many countries especially Turkey and European countries.

In 2015 year decided that export brand Smoxx in domestic market continue with innovation.

Our company has kept up with technology improved its machine park and increased product range capacity with computerized workbenches also achieved to become a demanded brand in the market by maximizing product quality. Our company has aspired to keep the customer satisfaction in highest level and in this context achieved to increase product quality and to keep the prices under market conditions.

Firstly, thank you to our personnels and our customers for our developments.

Teknoloji profesyonellikle birleşti.

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T System External Lathe Tool Holders

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T SİSTEM DIŖ TORNA KATERLERİ

T System External Lathe Tool Holders

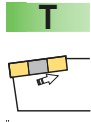


Dışçap Tornalama Takım Tutucu kodlamaları / External tool Holder Code System(ISO)

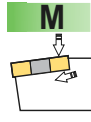
1	2	3	4	5	6	7	8	9
T	D	J	N	R	25	25	M	15
Elmas Sıkma sistemi Clamping system of insert	Elmas şekli Shape of insert	Tutucu Tipi Holder Style	Elmas boşaltma açısı Clearance Angle of Insert	Takım Yönü Hand of Tool	Şaft Yüksekliği Height of Shank	Şaft Genişliği Width of Shank	Takım Boyu Length of tool	Elmas kesme uzunluğu Length of Insert Cutting Edge

1 Elmas Sıkma Sistemleri / Clamping Method of Insert

T D J N R 25 25 M15



Üst ve delikten sıkılmalı sistem
Top and hole clamping



Pimli ve delikten sıkılmalı sistem
Pin and hole clamping



Levye sistemi
Lever system clamping



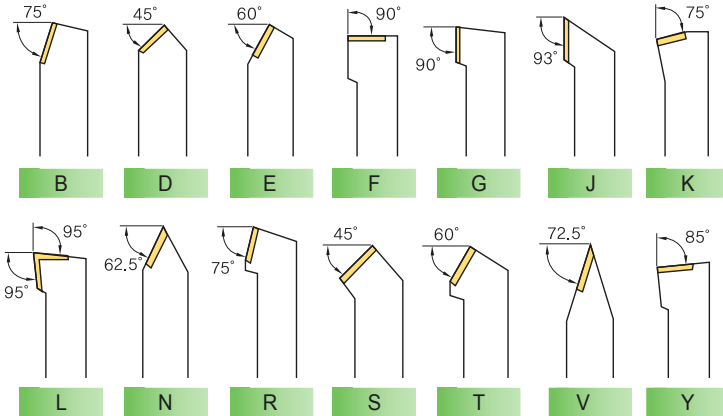
Deliksiz Üstten sıkılmalı
Top clamping system without hole



Vidalı sıkılma
Screw system

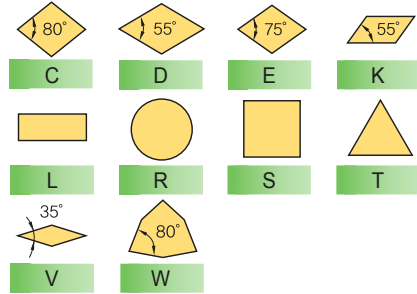
3 Tutucu Tipi / Holder Style

T D **J** N R 25 25 M15



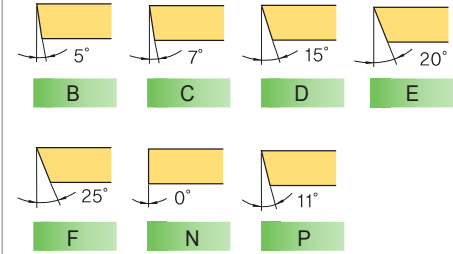
2 Elmas Şekli / Insert Shape

T **D** J N R 25 25 M15



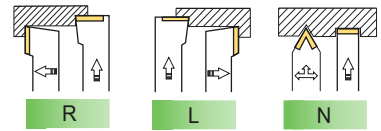
4 Clearance Angle of Insert

T D J **N** R 25 25 M15



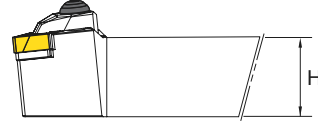
5 Takım Yönü / Hand of Tool

T D J N **R** 25 25 M15



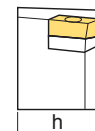
6 Şaft Yüksekliği / Height of Shank

T D J N R **25** 25 M15



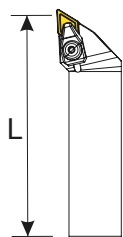
7 Şaft Genişliği / Width of Shank

T D J N R 25 **25** M15



8 Takım Boyu / Length of Holder

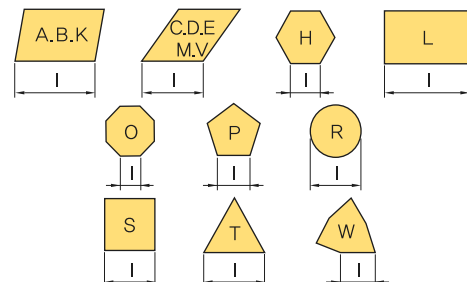
T D J N R 25 25 **M15**



A - 32	H - 100	Q - 180
B - 40	J - 110	R - 200
C - 50	K - 125	S - 250
D - 60	L - 140	T - 300
E - 70	M - 150	U - 350
F - 80	N - 160	V - 400
G - 90	P - 170	W - 450

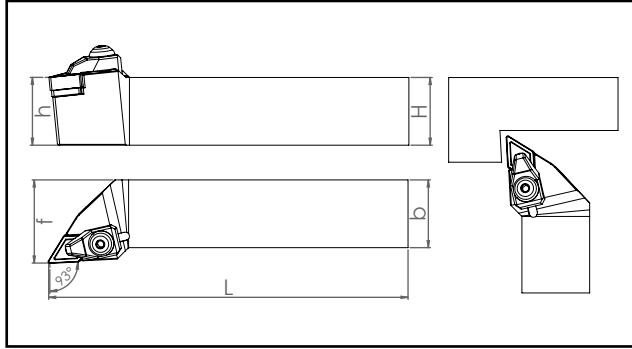
9 Elmas Kesme Uzunluğu / Length of Insert Cutting Edge

T D J N R 25 25 **M15**

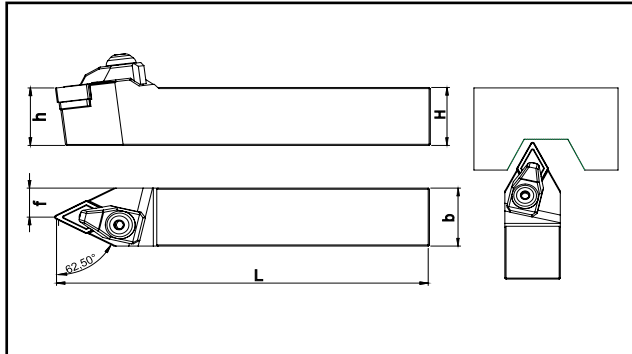


T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders

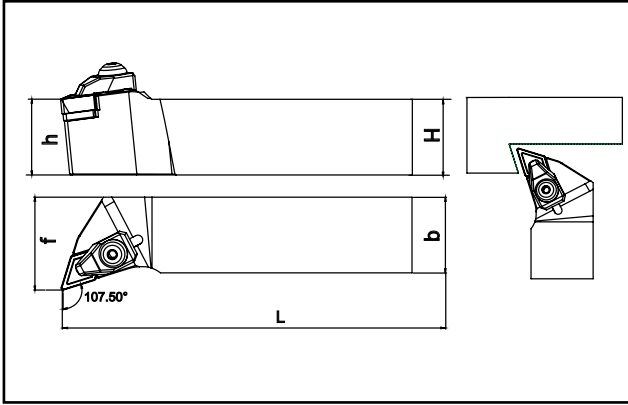


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TDJNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
1616 H11	16	16	100	20	DNM.1104..	TSK2	TSBV M5X23	BAX DN11			
2020 K11	20	20	125	25							
2525 M11	25	25	150	32							
2020 K1504	20	20	125	25	DNM.1504..	TSK1	TSBV M6x30	BAX DN15	TSAV M4X10	TSP 6.5X12	AA3
2525 M1504	25	25	150	32							
3232 P1504	32	32	170	40							
2020 K15	20	20	125	25	DNM.1506..						
2525 M15	25	25	150	32							
3232 P15	32	32	170	40							
4040 S15	40	40	250	50							

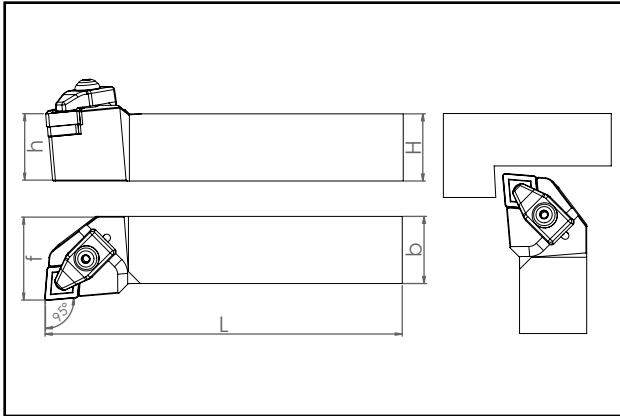


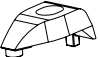
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TDNNN	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
1616 H11	16	16	100	8	DNM.1104..	TSK2	TSBV M5X23	BAX DN11			
2020 K11	20	20	125	10							
2525 M11	25	25	150	12.5							
2020 K1504	20	20	125	10	DNM.1504..	TSK1	TSBV M6x30	BAX DN15	TSAV M4X10	TSP 6.5X12	AA3
2525 M1504	25	25	150	12.5							
3232 P1504	32	32	170	16							
2020 K15	20	20	125	10	DNM.1506..						
2525 M15	25	25	150	12.5							
3232 P15	32	32	170	16							
4040 S15	40	40	250	20							

T SİSTEM DIŞ TORNA KATERLERİ T System External Lathe Tool Holders



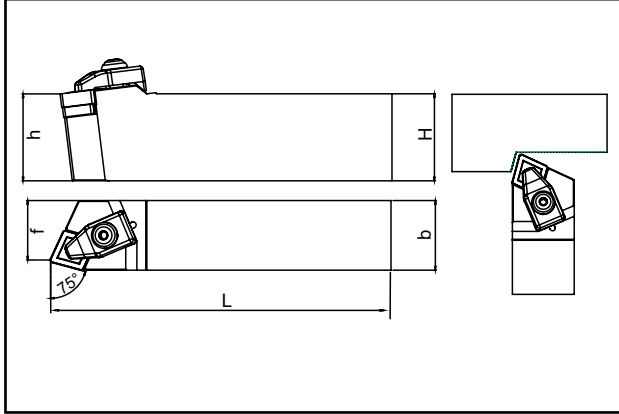
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TDHNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key	
												
	2525 M1504	25	25	150	32	DNM.1504	TSK1	TSBV M6x30	BAX DN15	TSAV M4X10	TSP 6.5X12	AA3
	3232 P1504	32	32	170	40							
	2020 K15	20	20	125	25							
2525 M15	25	25	150	32								
3232 P15	32	32	170	40	DNM.1506							



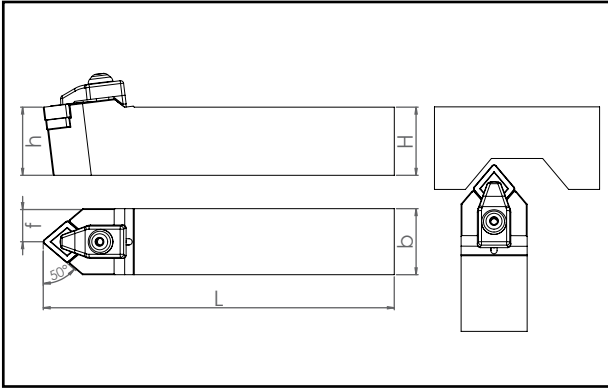
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TCLNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
											
2020 K12	20	20	125	25	CNM.1204..	TSK1	TSBV M6X30	BAX CN12	TSAV M4X10	TSP 6.5X12	AA3
2525 M12	25	25	150	32							
3232 P12	32	32	170	40							
4040 S12	40	40	250	50							
2525 M16	25	25	150	32	CNM.1606..	TSK3	TSBV M6X30x7	BAX CN16	TSAV M6X16X9	-	AA4
3232 P16	32	32	170	40							
4040 S16	40	40	250	50							
3232 P19	32	32	170	40	CNM.1909..	TSK4	TSBV M8X30	BAX CN19	TSAV M6X16X11		
4040 S19	40	40	250	50							

T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders



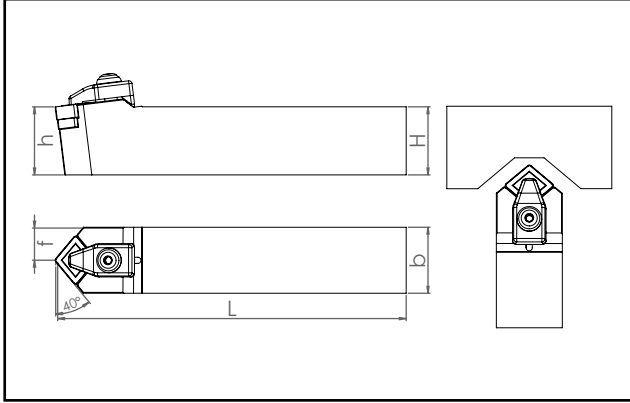
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TCBNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2525 M12	25	25	150	22.5	CNM.1204..	TSK1	TSBV M6X30	BAX CN12	TSAV M4X10	TSP 6.5X12	AA3
2525 M16	25	25	150	22.5	CNM.1606..	TSK3	TSBV M6X30x7	BAX CN16	TSAV M6X16X9	-	AA4



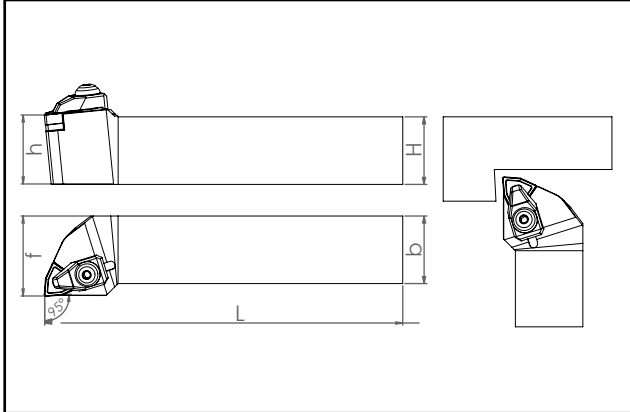
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1616 H12	16	16	100	8	CNM.1204..	TSK1	TSBV M6x30	BAX CN12	TSAV M4X10	TSP 6.5X12	AA3
2020 K12	20	20	125	10							
2525 M12	25	25	150	12.5							
3232 P12	32	32	170	16	CNM.1606..	TSK3	TSBV M6X30x7	BAX CN16	TSAV M6X16X9	-	AA4
2525 M16	25	25	150	12.5							
3232 P16	32	32	170	16							
4040 P16	40	40	250	20	CNM.1909..	TSK4	TSBV M8X30	BAX CN19	TSAV M6X16X11	-	AA4
3232 P19	32	32	170	16							
4040 S19	40	40	250	20							

T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders



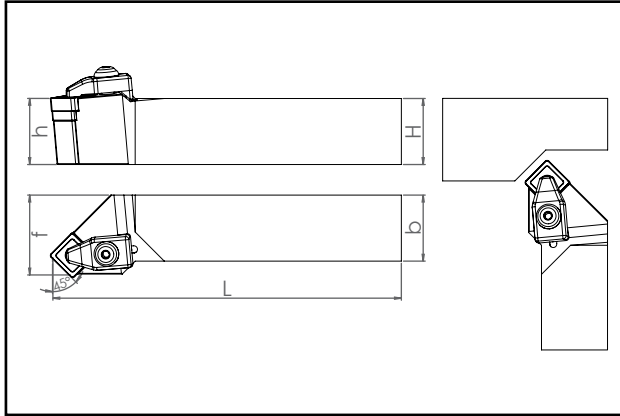
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TCZNN	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K12	20	20	125	10	CNM.1204..						
2525 M12	25	25	150	12.5		TSK1	TSBV M6x30	BAX CN12	TSAV M4x10	TSP 6.5x12	AA3
3232 P12	32	32	170	16							
2525 M16	25	25	150	12.5	CNM.1606..					-	AA4
3232 P16	32	32	170	16		TSK3	TSBV M6x30x7	BAX CN16	TSAV M6x16x9		
4040 S16	40	40	250	20							
3232 P19	32	32	170	16	CNM.1909..						
4040 S19	40	40	250	20		TSK4	TSBV M8x30	BAX CN19	TSAV M6x16x11		



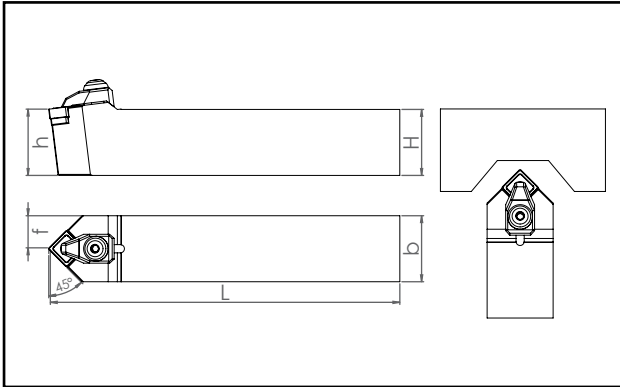
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TWLNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
1616 H06	16	16	100	20	WNM.0604..			-	-	TSP 6.5x12	AA3
2020 K06	20	20	125	25		TSK2	TSBV M5x23	-	-		
2525 M06	25	25	150	32							
2020 K08	20	20	125	25	WNM.0804..					TSP 6.5x12	AA3
2525 M08	25	25	150	32		TSK1	TSBV M6x30	BAX WN08	TSAV M4x10		
3232 P08	32	32	170	40							
4040 S08	40	40	250	50							

T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders



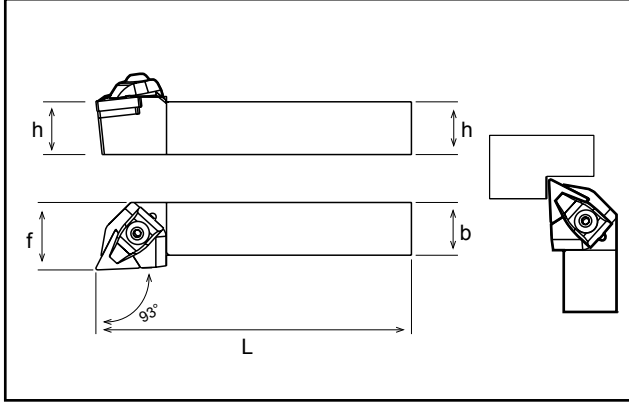
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2020 K12	20	20	125	25	SNM.1204..	TSK1	TSBV M6x30	BAX SN12	TSAV M4x10	TSP 6.5x12	AA3
2525 M12	25	25	150	32							
3232 P12	32	32	170	40							
2525 M15	25	25	150	32	SNM.1504..	TSK3	TSBV M6x30x7	BAX SN15	TSAV M6x16x9	-	AA4
3232 P15	32	32	170	40							
4040 S15	40	40	250	50							



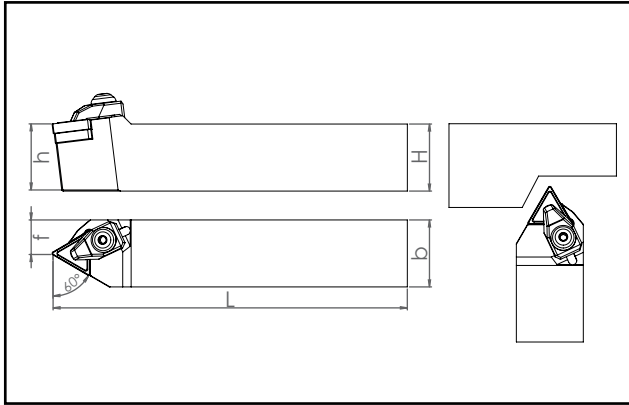
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2020 K12	20	20	125	10	SNM.1204..	TSK1	TSBV M6x30	BAX SN12	TSAV M4x10	TSP 6.5x12	AA3
2525 M12	25	25	150	12.5							
3232 P12	32	32	170	16							
2525 M15	25	25	150	12.5	SNM.1504..	TSK3	TSBV M6x30x7	BAX SN15	TSAV M6x16x9	-	AA4
3232 P15	32	32	170	16							
4040 S15	40	40	250	20							

T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders



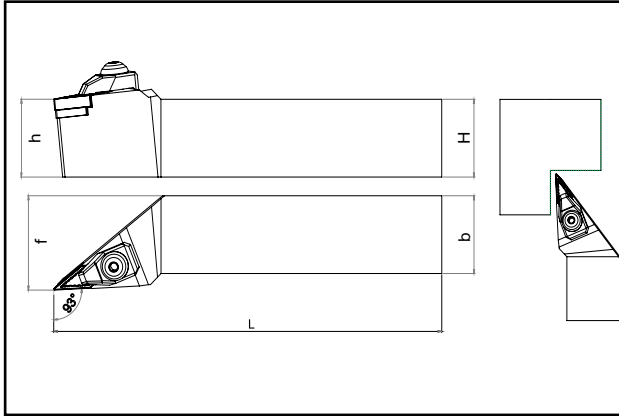
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
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2020 K16	20	20	125	25	TNM.1604..	TSK2	TSBV M5x25	BAX TN16	TSAV M4x10x6	TSP 6.5x12	AA3
2525 M16	25	25	150	32							
3232 P16	32	32	170	40							
2525 M22	25	25	150	32	TNM.2204..	TSK1	TSBV M6x30	BAX TN22	TSAV M4x10	TSP 6.5x12	AA3
3232 P22	32	32	170	40							
4040 S22	40	40	250	50							



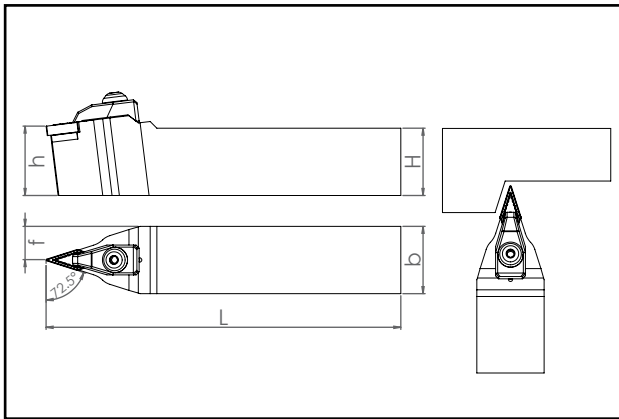
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2020 K16	20	20	125	10	TNM.1604..	TSK2	TSBV M5x25	BAX TN16	TSAV M4x10x6	TSP 6.5x12	AA3
2525 M16	25	25	150	12.5							
3232 P16	32	32	170	16							
2525 M22	25	25	150	12.5	TNM.2204..	TSK1	TSBV M6x30	BAX TN22	TSAV M4x10	TSP 6.5x12	AA3
3232 P22	32	32	170	16							
4040 S22	40	40	250	20							

T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders

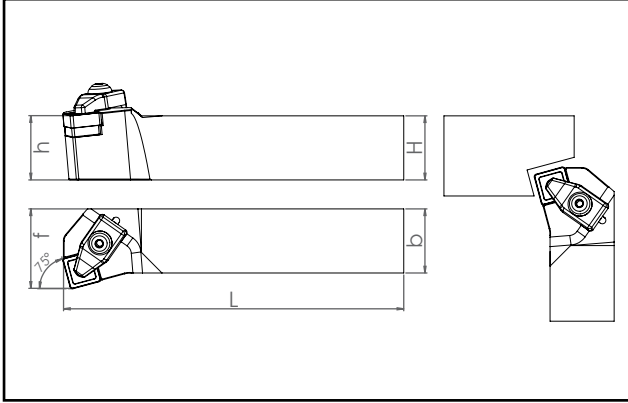


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
TVJNR/L											
2020 K16	20	20	125	25	VNM.1604..	TSK5	TSBV M6x30	BAX VN16	TSAV M4x10x6	TSP 6.5x12	AA3
2525 M16	25	25	150	32							
3232 P16	32	32	170	40							
4040 S16	40	40	250	50							

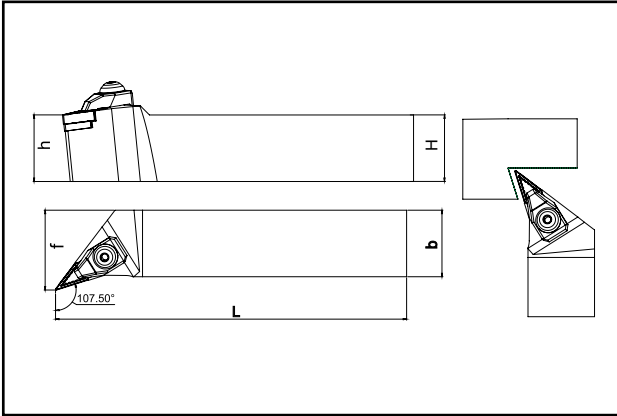


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
TVVNN											
2020 K16	20	20	125	10	VNM.1604..	TSK5	TSBV M6x30	BAX VN16	TSAV M4x10x6	TSP 6.5x12	AA3
2525 M16	25	25	150	12.5							
3232 P16	32	32	170	16							
4040 S16	40	40	250	20							

T SİSTEM DIŞ TORNA KATERLERİ T System External Lathe Tool Holders



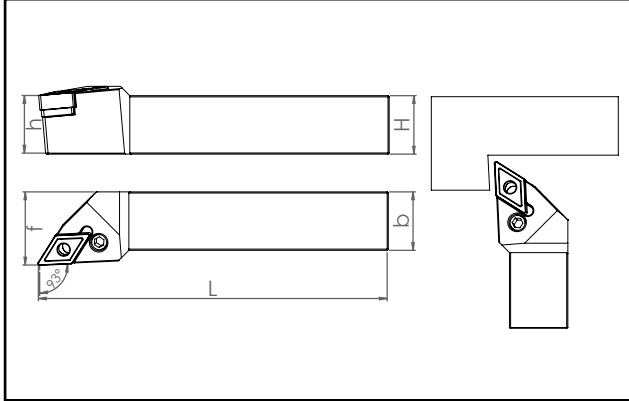
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TSKNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K12	20	20	125	25	SNM.1204..	TSK1	TSBV M6x30	BAX SN12	TSAV M4x10	TSP 6.5x12	AA3
2525 M12	25	25	150	32							
3232 P12	32	32	170	40							
2525 M15	25	25	150	32	SNM.1508..	TSK3	TSBV M6x30x7	BAX SN15	TSAV M6x16	-	AA4
3232 P15	32	32	170	40							



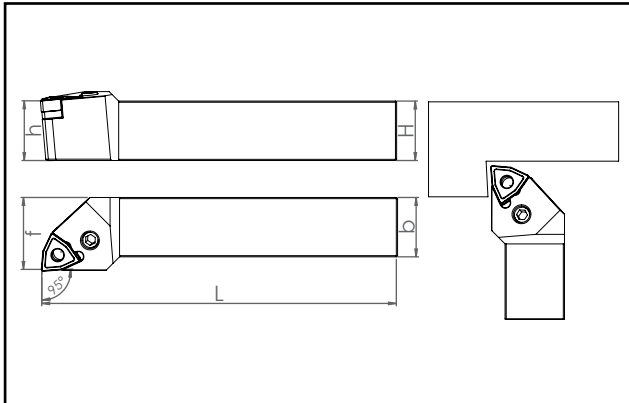
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TVHNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K16	20	20	125	25	VNM.1604..	TSK5	TSBV M6x30	BAX VN16	TSAV M4x10x6	TSP 6.5x12	AA3
2525 M16	25	25	150	32							
3232 P16	32	32	170	40							

P SİSTEM DIŞ TORNA KATERLERİ

P System External Lathe Tool Holders



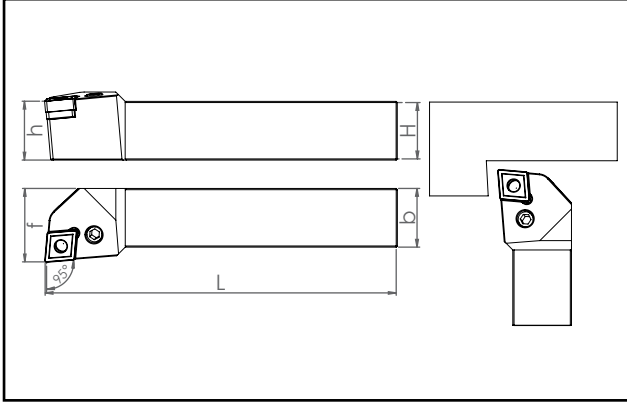
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PDJNR/L	h=H	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K15	20	20	125	25						
2525 M15	25	25	150	32		SPL1	SLV1 M8X20	BAX DN15	SLAY1	AA3
3232 P15	32	32	170	40						
4040 S15	40	40	250	50						



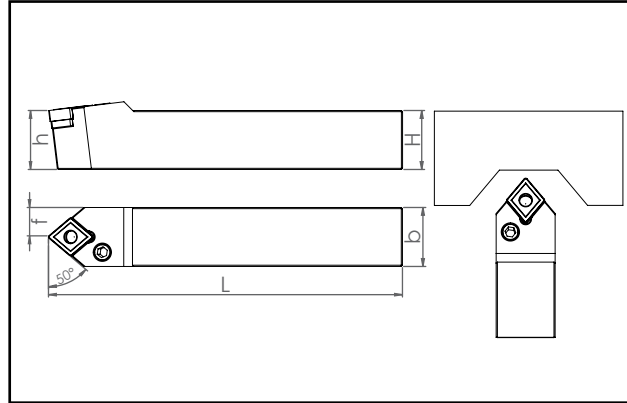
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PWLNR/L	h=H	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K08	20	20	125	25						
2525 M08	25	25	150	32		SPL1	SLV1 M8x20	BAX WN08	SLAY1	AA3
3232 P08	32	32	170	40						
4040 S08	40	40	250	50						

P SİSTEM DIŞ TORNA KATERLERİ

P System External Lathe Tool Holders



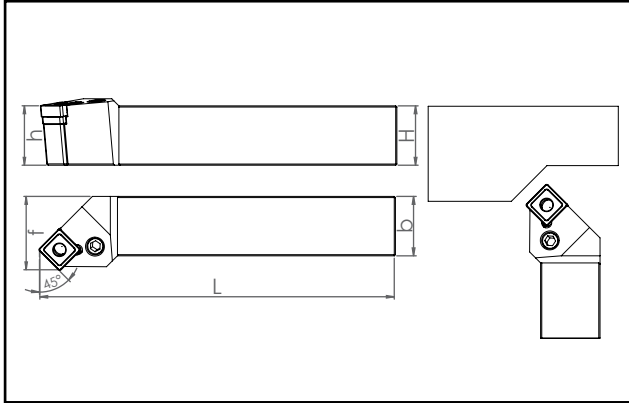
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PCLNR/L	h=H	b	L	f		Levy Lever	Levy Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	25	CNM.1204..					
2525 M12	25	25	150	32		SPL1	SLV1 M8x20	BAX CN12	SLAY1	AA3
3232 P12	32	32	170	40						
2525 M16	25	25	150	32	CNM.1606..					
3232 P16	32	32	170	40		SPL2	SLV1 M8x22	BAX CN16	SLAY2	AA5
3232 P19	32	32	170	40	CNM.1906..					
4040 S19	40	40	250	50		SPL3	SLV1 M10x25	BAX CN19	SLAY3	AA6



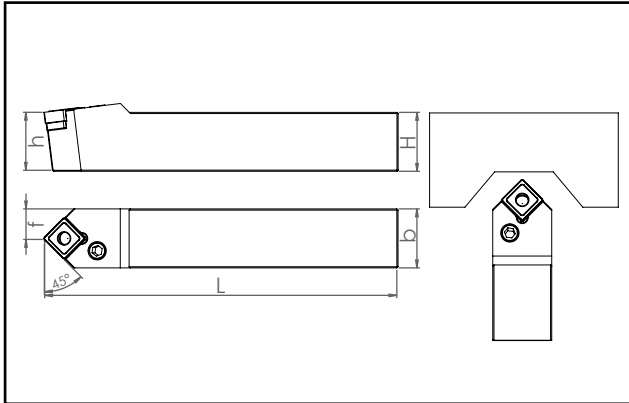
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PCMNN	h=H	b	L	f		Levy Lever	Levy Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	10	CNM.1204..					
2525 M12	25	25	150	12.5		SPL1	SLV1 M8x20	BAX CN12	SLAY1	AA3
3232 P12	32	32	170	16						
2525 M16	25	25	150	12.5	CNM.1606..					
3232 P16	32	32	170	16		SPL2	SLV1 M8x22	BAX CN16	SLAY2	AA5
3232 P19	32	32	170	16	CNM.1906..					
4040 S19	40	40	250	20		SPL3	SLV1 M10x25	BAX CN19	SLAY3	AA6

P SİSTEM DIŞ TORNA KATERLERİ

P System External Lathe Tool Holders



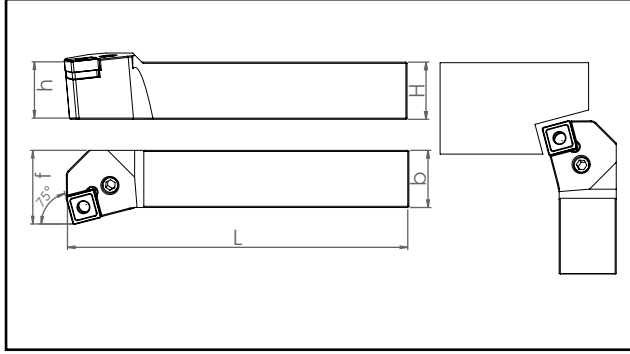
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PSSNR/L	h=H	b	L	f		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	25						
2525 M12	25	25	150	32		SPL1	SLV1 M8x20	BAX SN12	SLAY1	AA3
3232 P12	32	32	170	40						
3232 P15	32	32	170	40		SPL2	SLV1 M8x22	BAX SN15	SLAY2	AA5
3232 P19	32	32	170	40		SPL3	SLV1 M10x25	BAX SN15	SLAY2	AA6
4040 S19	40	40	250	50						



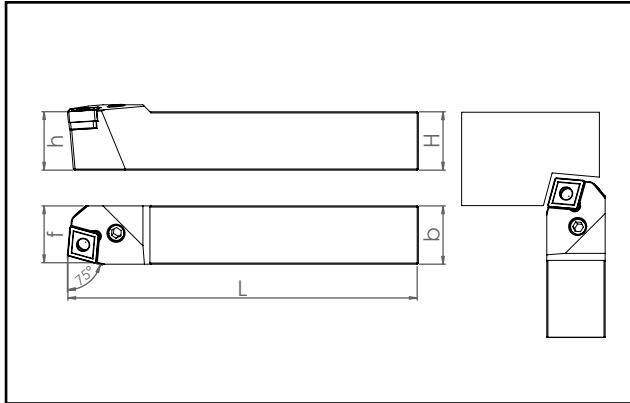
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PSDNN	h=H	b	L	f		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	10						
2525 M12	25	25	150	12.5		SPL1	SLV1 M8x20	BAX SN12	SLAY1	AA3
3232 P12	32	32	170	16						
2525 M15	25	25	150	12.5		SPL2	SLV1 M8x22	BAX SN15	SLAY2	AA5
3232 P15	32	32	170	16		SPL3	SLV1 M10x25	BAX SN19	SLAY3	AA6
3232 P19	32	32	170	16						
4040 S19	40	40	250	20						

P SİSTEM DIŞ TORNA KATERLERİ

P System External Lathe Tool Holders



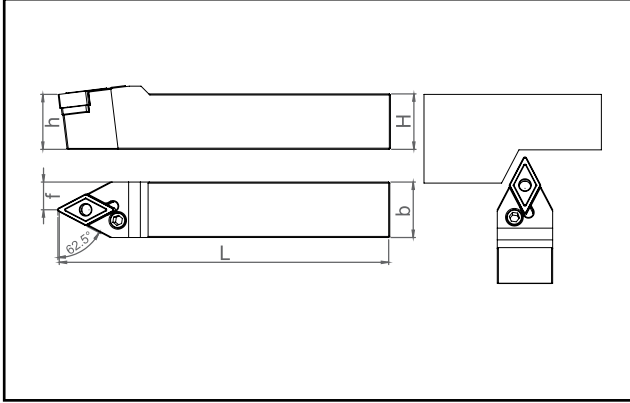
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PSKNR/L	h=H	b	L	f		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	25	SNM.1204..					
2525 M12	25	25	150	32						
3232 P12	32	32	170	40						
2525 M15	25	25	150	32	SNM.1506..					
3232 P15	32	32	170	40						
3232 P19	32	32	170	40	SNM.1906..					
4040 S19	40	40	250	50						



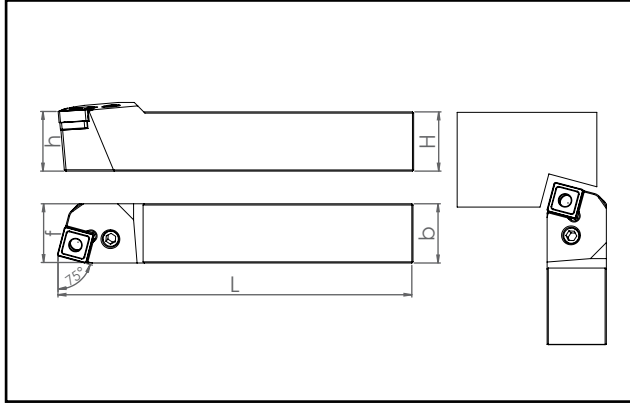
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PCBNR/L	h=H	b	L	f		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	17.5	CNM.1204..					
2525 M12	25	25	150	22.5						
3232 P12	32	32	170	27.5						
2525 M16	25	25	150	22	CNM.1606..					
3232 P16	32	32	170	27						
3232 P19	32	32	170	27	CNM.1906..					
4040 S19	40	40	250	37						

P SİSTEM DIŞ TORNA KATERLERİ

P System External Lathe Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PDNNN	h=H	b	L	f		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K15	20	20	125	10						
2525 M15	25	25	150	12.5		SPL1	SLV1 M8x20	BAX DN15	SLAY1	AA3
3232 P15	32	32	170	16						
4040 S15	40	40	250	20						



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PSBNR/L	h=H	b	L	f		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	17						
2525 M12	25	25	150	22		SPL1	SLV1 M8x20	BAX SN12	SLAY1	AA3
3232 P12	32	32	170	27						
2525 M15	25	25	150	22		SPL2	SLV1 M8x22	BAX SN15	SLAY2	AA5
3232 P15	32	32	170	27	SNM.1906..	SPL3	SLV1 M10x25	BAX SN19	SLAY3	AA6
3232 P19	32	32	170	27						
4040 S19	40	40	250	35						

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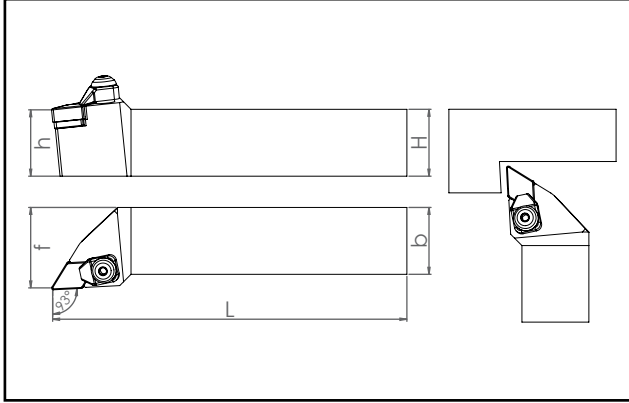
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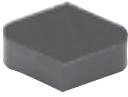
C SİSTEM DIŖ TORNA KATERLERİ

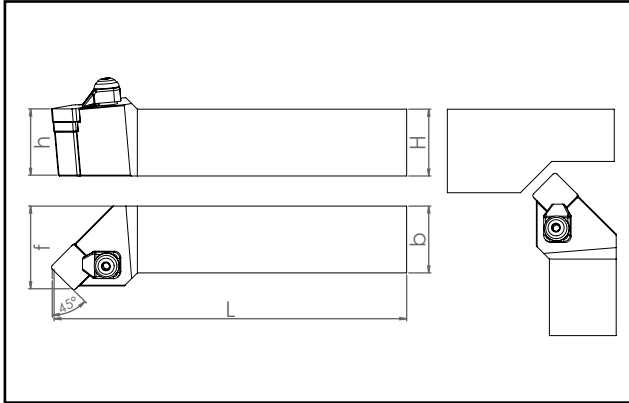
C System External Lathe Tool Holders



C SİSTEM DIŞ TORNA KATERLERİ C System External Lathe Tool Holders



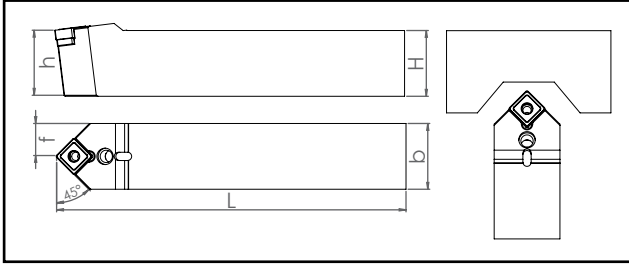
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CDJNR/L	h=H	b	L	f							
2525 M15	25	25	150	32	DN.N 1507..	CSK1	CSBV M6x30	BAX DN15	CSAV M4x10	CSS1	AA3
3232 P15	32	32	170	40							



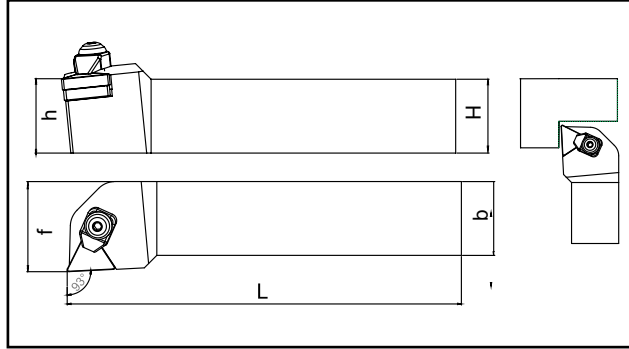
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSSNR/L	h=H	b	L	f							
2525 M12	25	25	150	32	SN.N 1207..	CSK1	CSBV M6x30	BAX SN12	CSAV M4x10	CSS1	AA3
3232 P12	32	32	170	40							

C SİSTEM DIŞ TORNA KATERLERİ

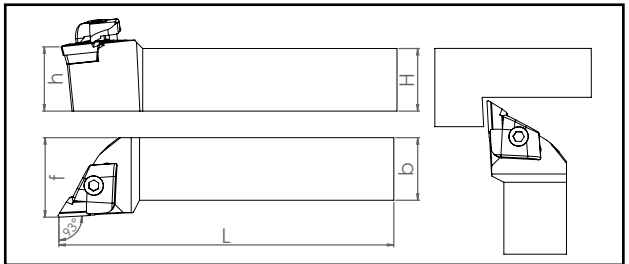
C System External Lathe Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSDNN	h=H	b	L	f							
2525 M12	25	25	150	32	SN.N 1207..	CSK1	CSBV M6x30	BAX SN12	CSAV M4x10	CSS1	AA3
3232 P12	32	32	170	40							



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CTJNR/L	h=H	b	L	f							
2525 M16	25	25	150	32	TN.N 1607..	CSK1	CSBV M6x30	BAX TN16	CSAV M4x10	CSS1	AA3
3232 P16	32	32	170	40							



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
CKJNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Allen Key
2020 K16	20	20	125	25	KNUX 1604..					
2525 M16	25	25	150	32						
3232 P16	32	32	170	40						
4040 S16	40	40	250	50						

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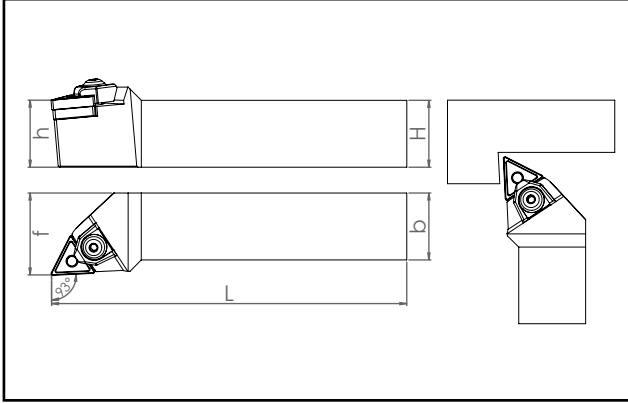
M SİSTEM DIŖ TORNA KATERLERİ

M System External Lathe Tool Holders

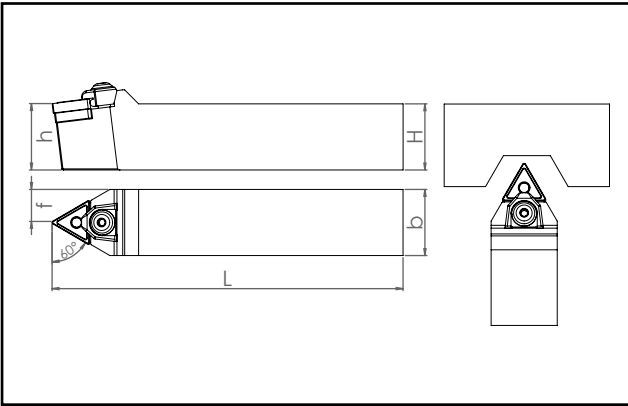


M SİSTEM DIŞ TORNA KATERLERİ

M System External Lathe Tool Holders



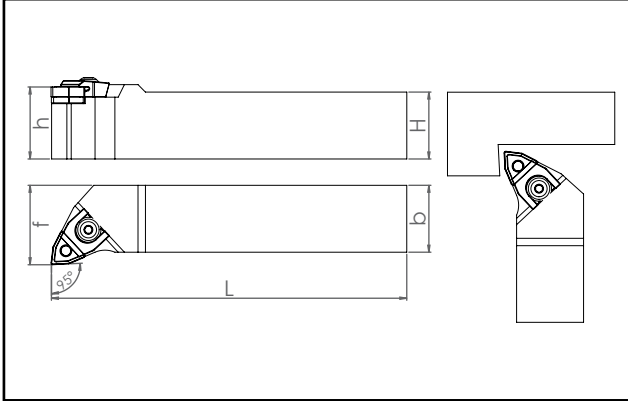
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MTJNR/L	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
											
2020 K16	20	20	125	25	TNM.1604..	MSK-1	TSBV M6x30	BAX TN16	BPM1 3.70x5	TSP 6.5x12	AA3
2525 M16	25	25	150	32				BAX TN22	BPM2 6x5		
3232 P16	32	32	170	40							
2525 M22	25	25	150	32							
3232 P22	32	32	170	40							
4040 S22	40	40	250	50	TNM.2204..						



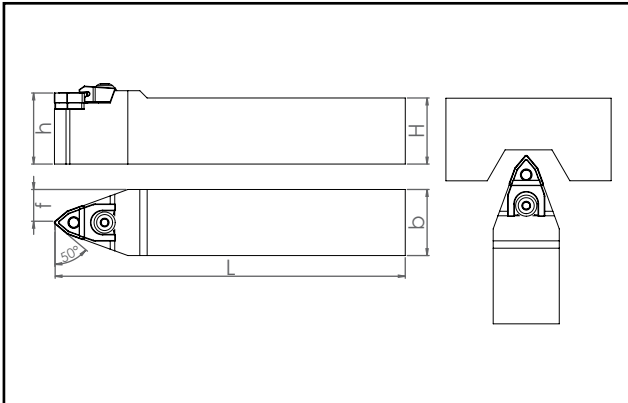
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MTENN	h=H	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key				
															
					2020 K16	20	20	125	10	MSK-1	TSBV M6x30	BAX TN16	BPM1 3.70x5	TSP 6.5X12	AA3
					2525 M16	25	25	150	12.5			TNM.1604..			
					3232 P16	32	32	170	16			TNM.2204..			
					2525 M22	25	25	150	12.5						
					3232 P22	32	32	170	16						
4040 S22	40	40	250	20											

M SİSTEM DIŞ TORNA KATERLERİ

M System External Lathe Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MWLNR/L	h=H	b	L	f		Baskı Parçası Clamp 	Baskı Vidası Screw 	Altık Shim 	Pim Pin 	Yay Spring 	Anahtar Allen Key 
1616 H06	16	16	100	20	WNM.0604..	MSK-4	MSBV M5x25	-	BPM1 3.70x5	-	AA3
2020 K06	20	20	125	25							
2525 M06	25	25	150	32							
2020 K08	20	20	125	25	WNM.0804..	MSK-3	MSBV M6x30	BAX WN08	BPM3 5x6	TSP 6.5x12	AA3
2525 M08	25	25	150	32							
3232 P08	32	32	170	40							



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MWDNN	h=H	b	L	f		Baskı Parçası Clamp 	Baskı Vidası Screw 	Altık Shim 	Pim Pin 	Yay Spring 	Anahtar Allen Key 
1616 H06	16	16	100	8	WNM.0604..	MSK-4	MSBV M5x25	-	BPM1 3.70x5	-	AA3
2020 K06	20	20	125	10							
2525 M06	25	25	150	12.5							
2020 K08	20	20	125	10	WNM.0804..	MSK-3	MSBV M6x30	BAX WN08	BPM3 5x6	TSP 6.5x12	AA3
2525 M08	25	25	150	12.5							
3232 P08	32	32	170	16							

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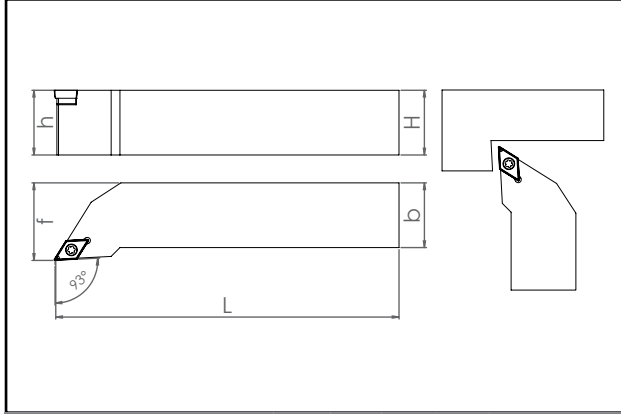
S SİSTEM DIŖ TORNA KATERLERİ

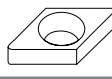
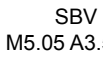
S System External Lathe Tool Holders

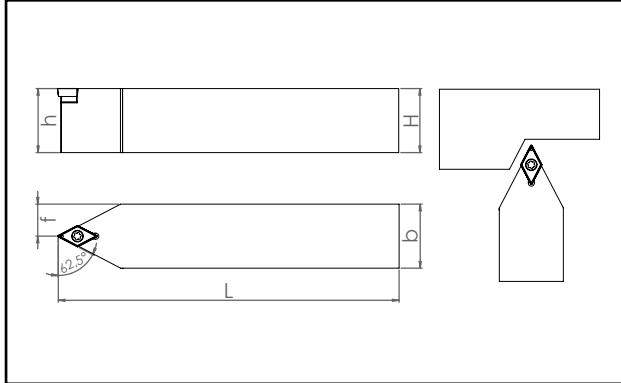


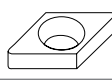
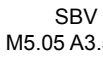
S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders

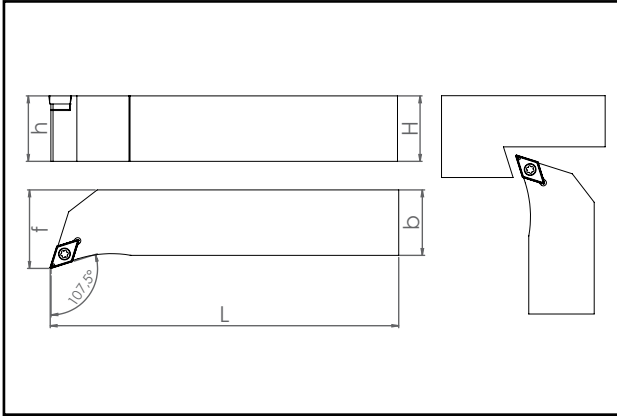


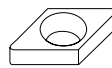
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SDJCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
0808 E07	08	08	70	10	DCM. 0702..				
1010 E07	10	10	70	12					
1212 F07	12	12	80	16					
1616 H07	16	16	100	20					
1212 F11	12	12	80	16	DCM. 11T3..				
1616 H11	16	16	100	20					
2020 K11	20	20	125	25					
2525 M11	25	25	150	32					
3232 P11	32	32	170	40					

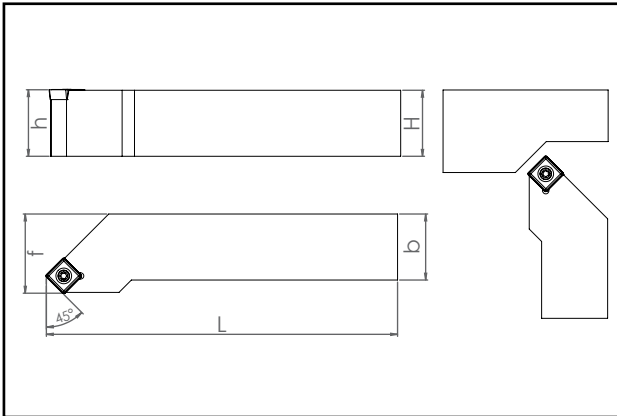


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
SDNCN	h=H	b	L	f					
0808 E07	08	08	70	04	DCM. 0702..				
1010 E07	10	10	70	05					
1212 F07	12	12	80	06					
1616 H07	16	16	100	08					
1212 F11	12	12	80	06	DCM. 11T3..				
1616 H11	16	16	100	08					
2020 K11	20	20	125	10					
2525 M11	25	25	150	12.5					
3232 P11	32	32	170	16					

S SİSTEM DIŞ TORNA KATERLERİ S System External Lathe Tool Holders



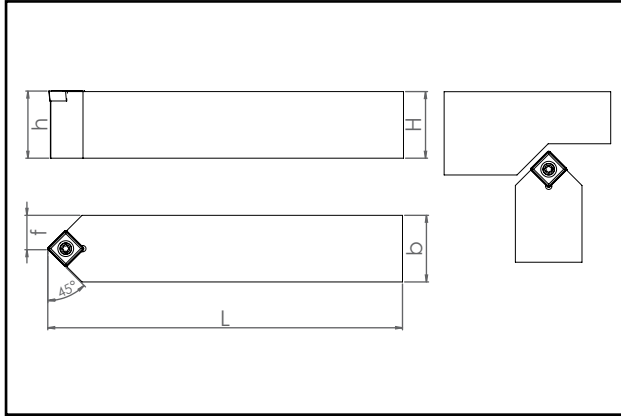
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDHCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
0808 E07	08	08	70	10	DCM. 0702..				
1010 E07	10	10	70	12					
1212 F07	12	12	80	16					
1616 H07	16	16	100	20					
1616 H11	16	16	100	20	DCM. 11T3..	SSV M3.5x14	BAX DC11	SBV M5.05 A3.5x11	T15
2020 K11	20	20	125	25					
2525 M11	25	25	150	32					
3232 P11	32	32	170	40					



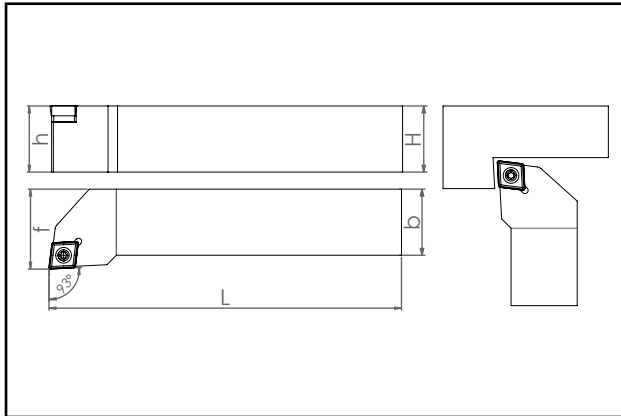
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SSSCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1212 F09	12	12	80	16	SCM. 09T3..	SSV M3.5x11			
1616H09	16	16	100	20					
2020K09	20	20	125	25					
2525 M09	25	25	150	32					
1616 H12	16	16	100	20	SCM. 1204..	SSV M4x16	BAX SC12	SBV M6.075 A4x11	T15
2020 K12	20	20	125	25					
2525 M12	25	25	150	32					

S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders

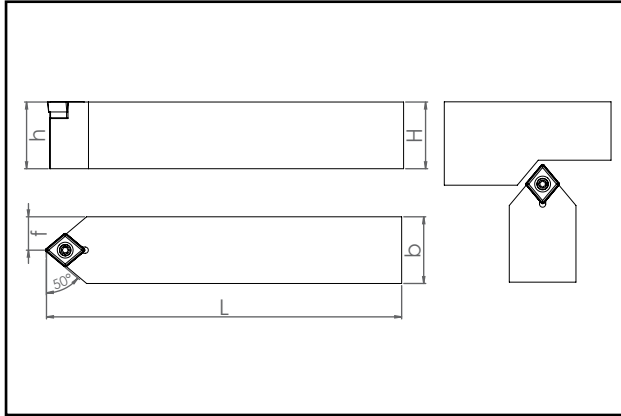


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
SSDCN	h=H	b	L	f					
1212 F09	12	12	80	6	SCM.09T3..	SSV M3.5x11	-	-	T15
1616 H09	16	16	100	8		SSV M3.5x14	BAX SC09	SBV M5.05 A3.5x11	
2020 K09	20	20	125	10					
2525 M09	25	25	150	12.5					
1616 H12	16	16	100	8	SCM.1204..	SSV M4x16	BAX SC12	SBV M6.075 A4x11	T15
2020 K12	20	20	125	10					
2525 M12	25	25	150	12.5					

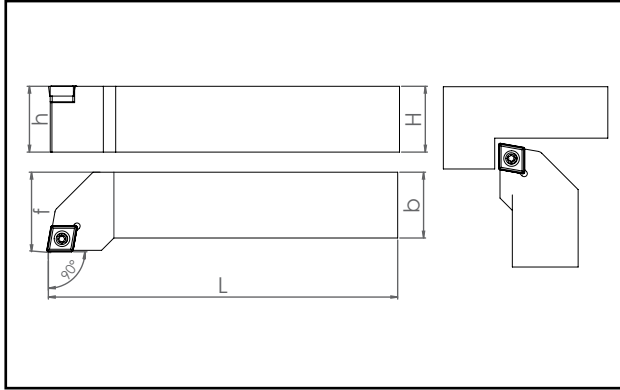


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
SCLCR/L	h=H	b	L	f					
0808 E06	8	8	70	10	CCM.0602..	SSV M2.5x7	-	-	T08
1010 E06	10	10	70	12					
1212 F06	12	12	80	16					
1212 F09	12	12	80	16	CCM.09T3..	SSV M3.5x11	BAX CC09	SBV M5.05 A3.5x11	T15
1616 H09	16	16	100	20		SSV M3.5x14			
2020 K09	20	20	125	25					
2525 M09	25	25	150	32					
2020 K12	20	20	125	25	CCM.1204..	SSV M4x16	BAX CC12	SBV M6.075 A4x11	T15
2525 M12	25	25	150	32					

S SİSTEM DIŞ TORNA KATERLERİ S System External Lathe Tool Holders



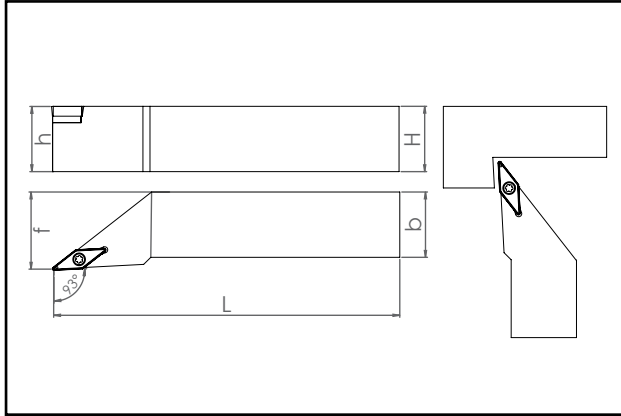
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCMCN	h=H	b	L	f		Sıkma Vidası Clamp Screw 	Altık Shim 	Altık Vidası Shim Screw 	Anahtar Torx Key 
0808 E06	08	08	70	04	CCM. 0602..	SSV M2.5x7	-	-	T08
1010 E06	10	10	70	05		SSV M3.5x11			
1212 F09	12	12	80	06	CCM. 09T3..	SSV M3.5x14	BAX CC09	SBV M5.05 A3.5x11	T15
1616 H09	16	16	100	08					
2020 K09	20	20	125	10					
2525 M09	25	25	150	12.5					
2020 K12	20	20	125	10	CCM.1204..	SSV M4x16	BAX CC12	SBV M6.075 A4x11	T15
2525 M12	25	25	150	12.5					



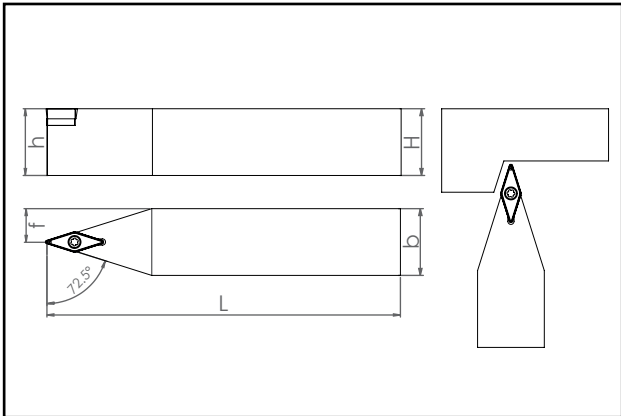
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCACR/L	h=H	b	L	f		Sıkma Vidası 	Altık Shim 	Altık Vidası Shim Screw 	Anahtar Allen Key 
0808 E06	08	08	70	10	CCM. 0602..	SSV M2.5x7	-	-	T08
1010 E06	10	10	70	12		SSV M3.5x11			
1212 F09	12	12	80	16	CCM. 09T3..	SSV M3.5x14	BAX CC09	SBV M5.05 A3.5x11	T15
1616 H09	16	16	100	20					
2020 K09	20	20	125	25					
2525 M12	25	25	150	32					
2020 K12	20	20	125	25	CCM.1204..	SSV M4x16	BAX CC12	SBV M6.075 A4x11	T15
2525 M12	25	25	150	32					

S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders

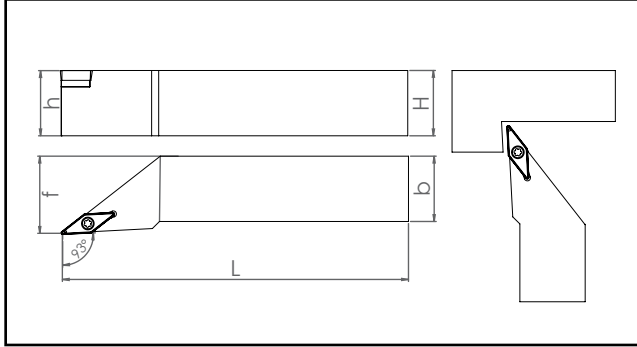


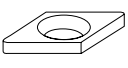
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVJBR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1212 F11	12	12	80	16	VBM. 1103..	SSV M2.5x7	-	-	T08
1616 H11	16	16	100	20					
2020 K11	20	20	125	25					
2525 M11	25	25	150	32					
1616 H16	16	16	100	20	VBM. 1604..	SSV M3.5x14	BAX VB16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

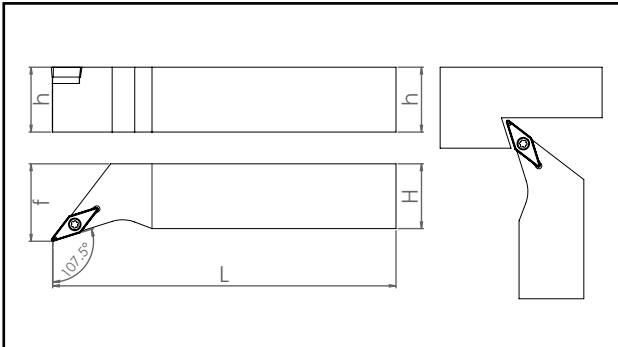


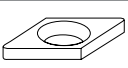
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SVVBN	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	08	VBM. 1103..	SSV M2.5x7	-	-	T08
2020 K11	20	20	125	10					
2525 M11	25	25	150	12.5					
1616 H16	16	16	100	08	VBM. 1604..	SSV M3.5x14	BAX VB16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	10					
2525 M16	25	25	150	12.5					
3232 P16	32	32	170	16					

S SİSTEM DIŞ TORNA KATERLERİ S System External Lathe Tool Holders



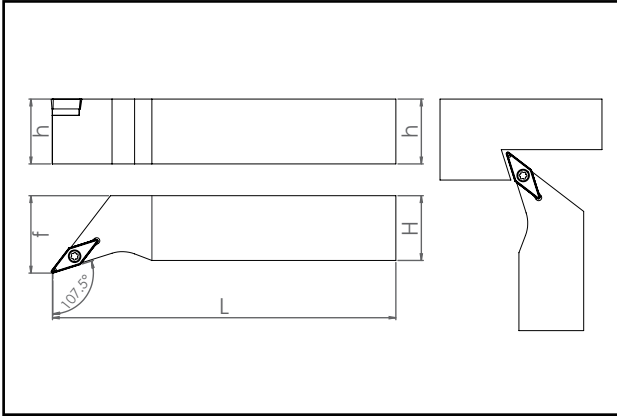
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVJCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	20	VC.T 1103..				
2020 K11	20	20	125	25		SSV M2.5x7	-	-	T08
2020 K16	20	20	125	25	VC.T 1604..	SSV M3.5x14	BAX VC16	SBV M5.05 A3.5x11	T15
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					



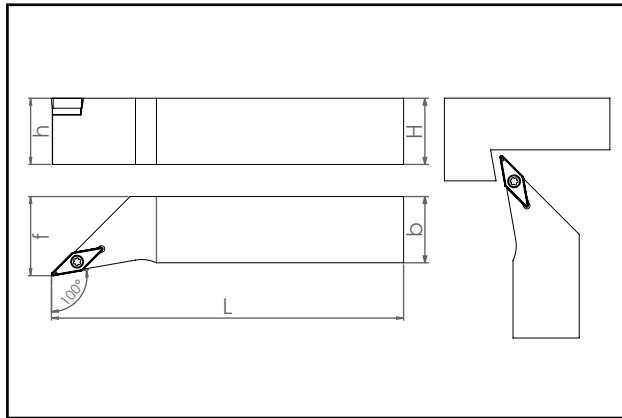
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SVHCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	20	VC.T 1103..				
2020 K11	20	20	125	25		SSV M2.5x7	-	-	T08
2020 K16	20	20	125	25	VC.T 1604..	SSV M3.5x14	BAX VC16	SBV M5.05 A3.5x11	T15
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders

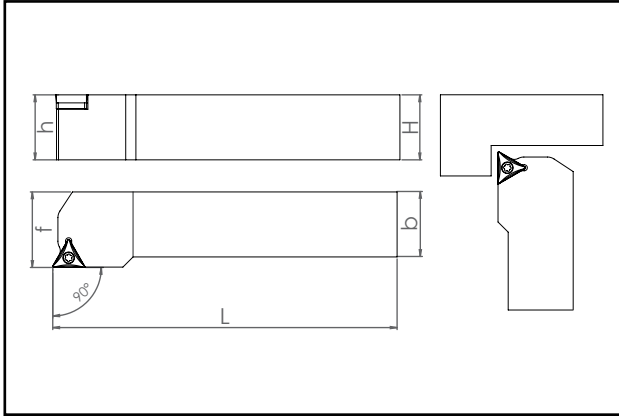


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVHBR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	20	VBM. 1103..		-	-	T08
2020 K11	20	20	125	25					
2525 M11	25	25	150	32					
1616 H16	16	16	100	20	VBM. 1604..		BAX VB16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

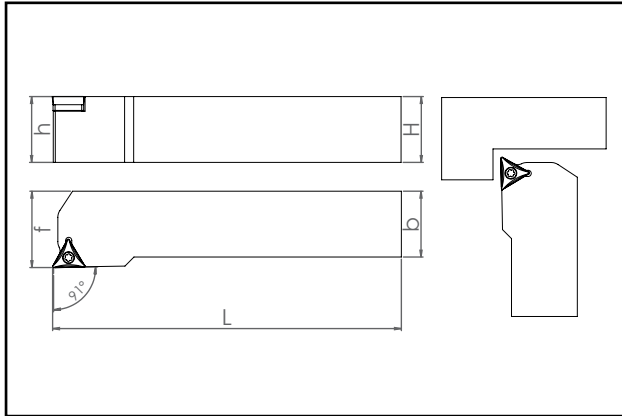


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVZBR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	20	VBM. 1103..		-	-	T08
2020 K11	20	20	125	25					
2525 M11	25	25	150	32					
1616 H16	16	16	100	20	VBM. 1604..		BAX VB16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

S SİSTEM DIŞ TORNA KATERLERİ S System External Lathe Tool Holders



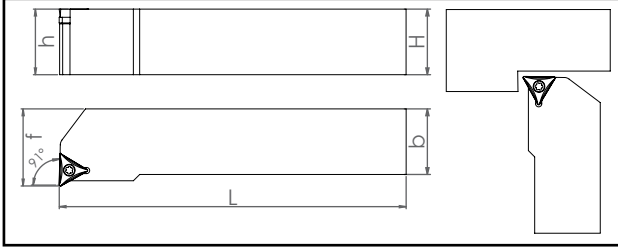
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STJCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
0808 E09	08	08	70	10	TCM.0902..				
1010 E09	10	10	70	12					
1212F11	12	12	80	16	TCM.1102..	SSV M2.5x7	-	-	T08
1616H11	16	16	100	20					
1616 H16	16	16	100	20	TCM.16T3..	SSV M3.5x14	BAX TC16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					



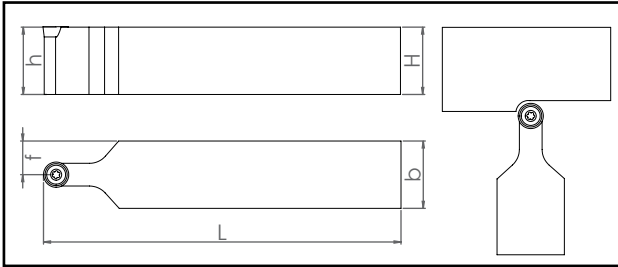
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STGCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
0808 E09	08	08	70	10	TCM.0902..				
1010 E09	10	10	70	12					
1212F11	12	12	80	16	TCM.1102..	SSV M2.5x7	-	-	T08
1616H11	16	16	100	20					
1616 H16	16	16	100	20	TCM.16T3..	SSV M3.5x14	BAX TC16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders

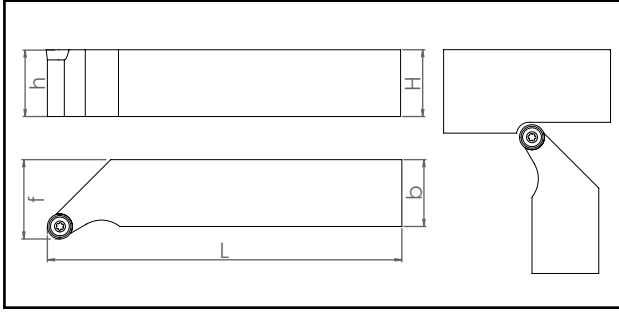


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STFCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
0808 E09	08	08	70	10	TCM.0902..	SSV M2.2x6	-	-	T07
1010 E09	10	10	70	12					
1212F11	12	12	80	16	TCM.1102..	SSV M2.5x7	-	-	T08
1616H11	16	16	100	20					
1616 H16	16	16	100	20	TCM.16T3..	SSV M3.5x14	BAX TC16	SBV M5.05 A3.5x11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

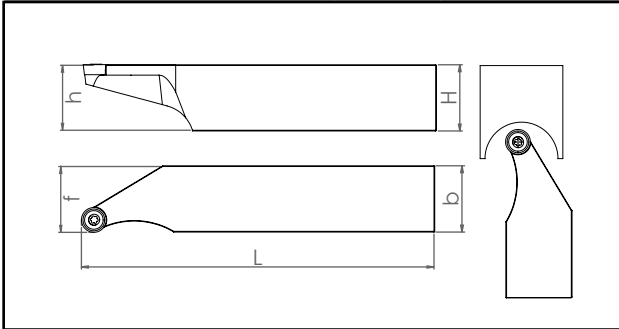


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SRDCN	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
							-	-	
1616 H06	16	16	100	8	RC.T 0602..	SSV M2.5x7	-	-	T08
2020 K06	20	20	125	10					
2525 M06	25	25	150	12.5	RC.T 0803..	SSV M3x9	-	-	T15
1616 H08	16	16	100	08					
2020 K08	20	20	125	10	RC.T 1003..	SSV M3.5x11	-	-	T20
2525 M08	25	25	150	12.5					
3232 P08	32	32	170	16	RC.T 1204..	SSV M5x12	-	-	T20
1616 H10	16	16	100	08					
2020 K10	20	20	125	10	RC.T 1605..	SSV M6x16	-	-	T20
2525 M10	25	25	150	12.5					
3232 P10	32	32	170	16	RC.T 2006..	SSV M6x16	-	-	T20
2020 K12	20	20	125	10					
2525 M12	25	25	150	12.5	RC.T 2006..	SSV M6x16	-	-	T20
3232 P12	32	32	170	16					
2525 M16	25	25	150	12.5	RC.T 2006..	SSV M6x16	-	-	T20
3232 P16	32	32	170	16					
2525 M20	25	25	150	12.5	RC.T 2006..	SSV M6x16	-	-	T20
3232 P20	32	32	170	16					
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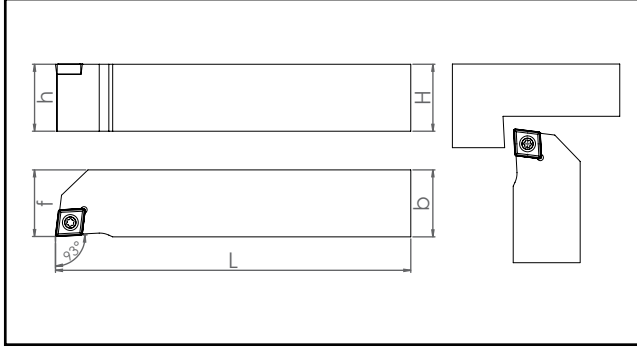
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SRGCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H06	16	16	100	8	RC.T 0602..	SSV M2.5x7	-	-	T08
2020 K06	20	20	125	10					
2525 M06	25	25	150	12.5					
1616 H08	16	16	100	20	RC.T 0803..	SSV M3x9	-	-	T15
2020 K08	20	20	125	25					
2525 M08	25	25	150	32					
3232 P08	32	32	170	40	RC.T 1003..	SSV M3.5x11	-	-	T20
1616 H10	16	16	100	20					
2020 K10	20	20	125	25					
2525 M10	25	25	150	32	RC.T 1204..	SSV M5X12	-	-	T20
3232 P10	32	32	170	40					
2020 K12	20	20	125	25					
2525 M12	25	25	150	32	RC.T 1605..	SSV M6X16	-	-	T20
3232 P12	32	32	170	40					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40	RC.T 2006..	SSV M6X16	-	-	T20
2525 M20	25	25	150	12.5					
3232 P20	32	32	170	16					

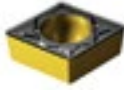


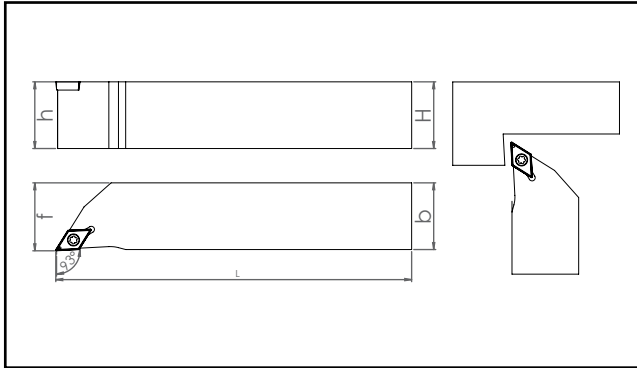
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SRHCR/L	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
2020 K10	20	20	120	20	RC.10T3..	SSV M3.5x11	-	-	T15
2525 K10	25	25	125	25					
2020 K12	20	20	120	20	RC.1204..	SSV M3.5x14	-	-	T20
2525 K12	25	25	125	25					
2020 K16	20	20	120	20	RC.1606..	SSV M5x12	-	-	T20
2525 K16	25	25	125	25					

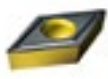
S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders



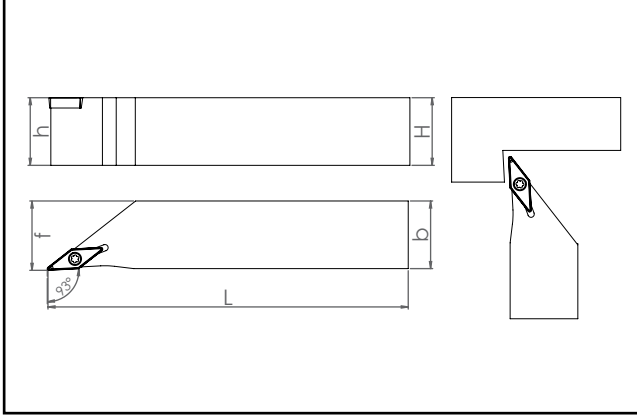
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCLCR/L-K.O	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
							-	-	
1010 K06	10	10	125	10	CCM. 0602..	SSV M2.5x7	-	-	T08
1212 G06	12	12	90	12					
1212 K06	12	12	125	12					
1616 F06	16	16	75	16					
1616 K06	16	16	125	16					
1212 G09	12	12	90	12	CCM. 09T3..	SSV M3.5x11	-	-	T15
1212 K09	12	12	125	12					
1616 F09	16	16	75	16					
1616 K09	16	16	125	16					
2020 K09	20	20	125	20					



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDJCR/L-K.O	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
							-	-	
1010 K07	10	10	125	10	DCM. 0702..	SSV M2.5x7	-	-	T08
1212 G07	12	12	90	12					
1212 K07	12	12	125	12					
1616 F07	16	16	75	16					
1616 K07	16	16	125	16					
2020 K07	20	20	125	20	DCM. 11T3..	SSV M3.5x11	-	-	T15
1212 G11	12	12	90	12					
1212 K11	12	12	125	12					
1616 F11	16	16	75	16					
1616 K11	16	16	125	16					
2020 K11	20	20	125	20					

S SİSTEM KAYAR OTOMAT TAKIMLARI

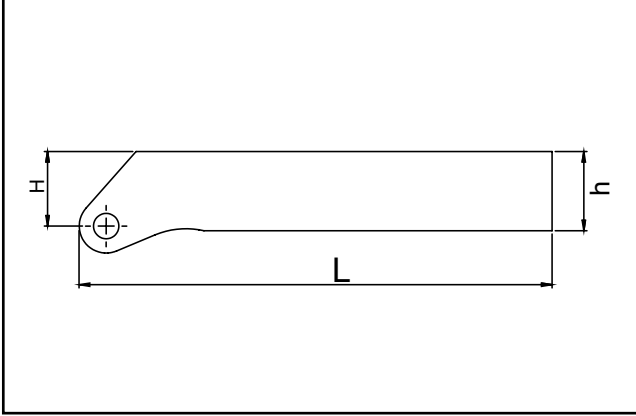
S System Automatic Type Lathe Tool Holders



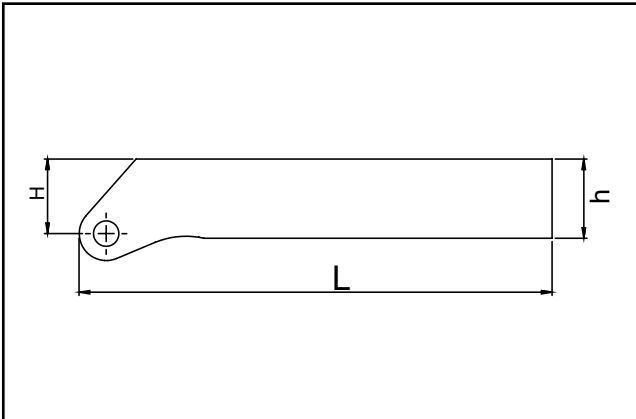
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVJBR/L-K.O	h=H	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
							-	-	
1010 K11	10	10	125	10	VBM. 1103..	SSV M2.5x7			T08
1212 G11	12	12	90	12					
1212 K11	12	12	125	12					
1616 F11	16	16	75	16					
1616 K11	16	16	125	16					
2020 K11	20	20	125	20					

TIRTIR ve PUNTALAMA TAKIMLARI

Center Tools



KOD CODE	ÖLÇÜLER DIMENSION (mm)			
CNC PUNTA CENTERING TOOLS	h	H	L	f
20x20 2.5x6 CNC PUNTA	20	20	125	10
25x25 2.5x6.30 CNC PUNTA	25	25	150	12.5
25x25 2.5x6 CNC PUNTA	25	25	150	12.5
20x20 3.15x8 CNC PUNTA	20	20	125	10
25x25 3.15x8 CNC PUNTA	25	25	150	12.5
20x20 4x10 CNC PUNTA	20	20	125	10
25x25 4x10 CNC PUNTA	25	25	150	12.5



KOD CODE	ÖLÇÜLER DIMENSION (mm)			
CNC TIRTIR	h	H	L	f
25x25 CNC TIRTIR KATERİ	25	25	150	12.5
20x20 CNC TIRTIR KATERİ	20	20	125	10

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T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars



İç çap Tornalama Takım Tutucu kodlamaları / Internal tool Holder Code System(ISO)

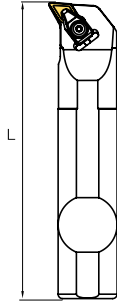
1	2	3	4	5	6	7	8	9
S	25	S	T	D	U	N	R	- 15
Takım tipi Type of tools	Takım çapı Diameter of tool	Takım boyu Length of tool	Elmas Sıkma sistemi Clamping system of insert	Elmas şekli Shape of insert	Takım kesme açısı Cutting angle of tools	Elmas boşaltma açısı Clearance Angle of insert	Takım yönü Hand of tools	Elmas kesme uzunluğu Length of Insert Cutting Edge

1 Takım tipi / Tyep of tool **S** 25 S T D U N R - 15

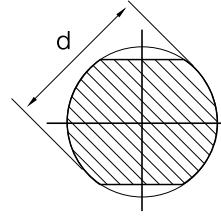
A=Çelik gövdeli içten su vermeli / A=Steel body and with coolant hole
S=Çelik gövdeli / A=Steel body

3 Takım boyu / Length of tools S 25 **S** T D U N R - 15

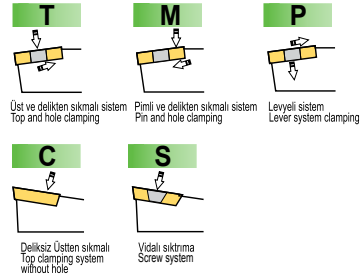
length(L) (mm)	length(L) (mm)
H 100	S 250
K 125	T 300
M 150	U 350
N 160	V 400
R 200	



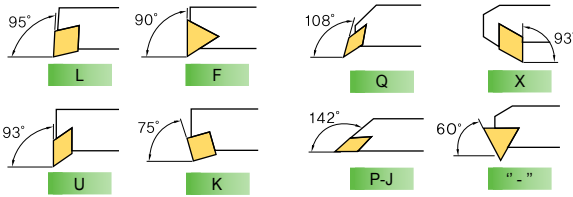
2 Takım çapı / Diameter of tool S **25** S T D U N R - 15



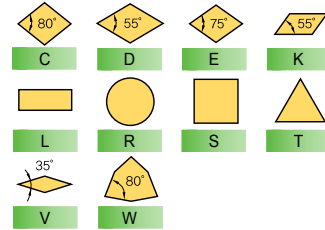
4 Elmas sıkma sistemi / Clamping system of insert S 25 S T **D** U N R - 15



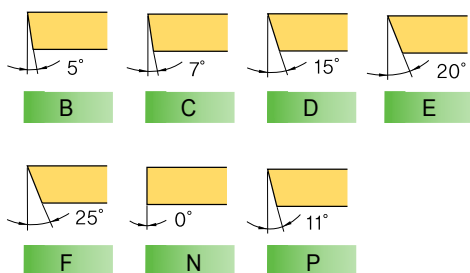
6 Takım kesme açısı / Cutting angle of tool S 25 S T D **U** N R - 15



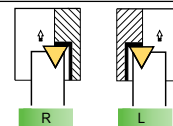
5 Takım kesme açısı / Cutting angle of tool S 25 S T D **U** N R - 15



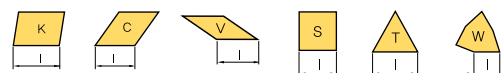
7 Şaft Genişliği / Height of Shank S 25 S T D U N **R** - 15



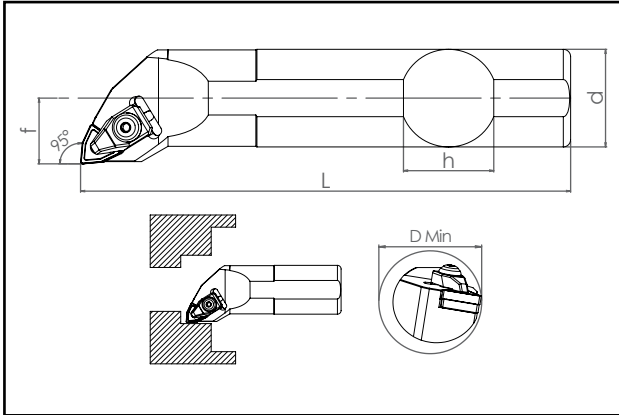
8 Takım yönü / Hand of tool S 25 S T D U N **R** - 15



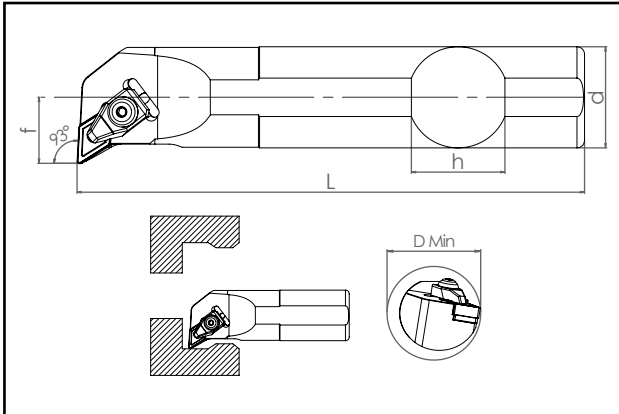
9 Elmas kesme yönü / Length of Insert Cutting Edge S 25 S T D U N R - **15**

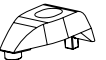


T SİSTEM DELİK TORNA KATERLERİ T System Boring Bars



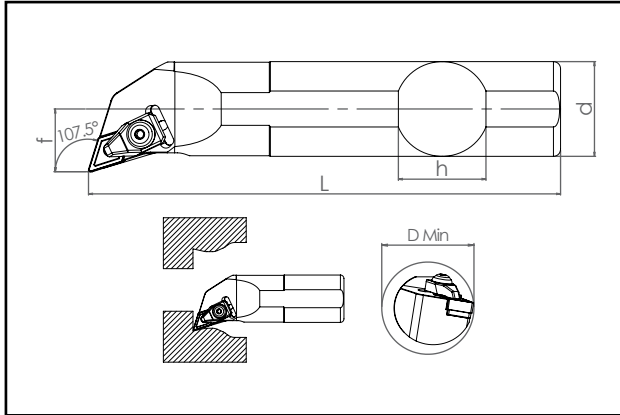
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TWLNRL	d	h	L	f	D min		Baskı Parçası Clamp 	Baskı Vidası Screw 	Altlık Shim 	Altlık Vidası Shim Screw 	Pul Stamp 	Anahtar Allen Key 
S25S TWLNR/L-06	25	23	250	17	≥32	WNM.0604..	TSK2	TSBV M5x23	-	-	TSP 6.5x12	AA3
S32T TWLNR/L-06	32	30	300	22	≥40							
S25S TWLNR/L-08	25	23	250	17	≥32	WNM.0804..	TSK1	TSBV M6x30	BAX WN08	TSAV M4x10		
S32T TWLNR/L-08	32	30	300	22	≥40							
S40U TWLNR/L-08	40	37	350	27	≥50							
S50V TWLNR/L-08	50	47	400	35	≥63							

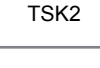


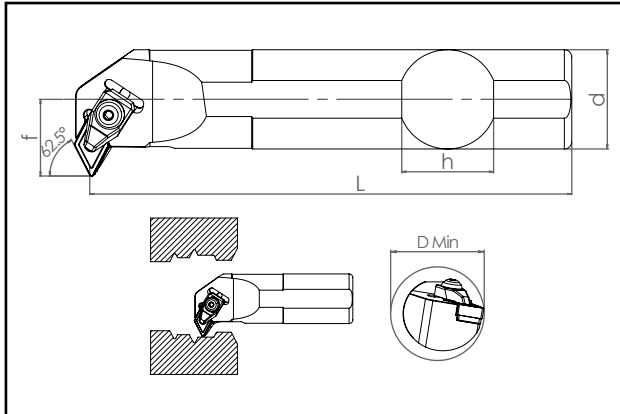
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TDUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TDUNR/L-11	25	23	250	17	≥32	DNM.1104..	TSK2	TSBV M5x23	BAX DN11	TSAV M4x10	TSP 6.5x12	AA3
S32T TDUNR/L-11	32	30	300	22	≥40							
S25S TDUNR/L-15	25	23	250	17	≥32	DNM.1506..	TSK1	TSBV M6x30	BAX DN15			
S32T TDUNR/L-15	32	30	300	22	≥40							
S40U TDUNR/L-15	40	37	350	27	≥50							
S50V TDUNR/L-15	50	47	400	35	≥63							

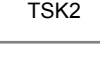
T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars

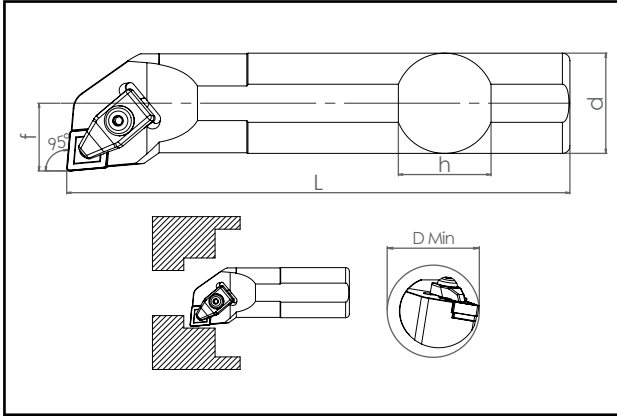


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TDQNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
S25S TDQNR/L-11	25	23	250	17	≥32	DNM.1104..						
S32T TDQNR/L-11	32	30	300	22	≥40							
S25S TDQNR/L-15	25	23	150	17	≥32	DNM.1506..						
S32T TDQNR/L-15	32	30	300	22	≥40							
S40U TDQNR/L-15	40	37	350	27	≥50							
S50V TDQNR/L-15	50	47	400	35	≥63							

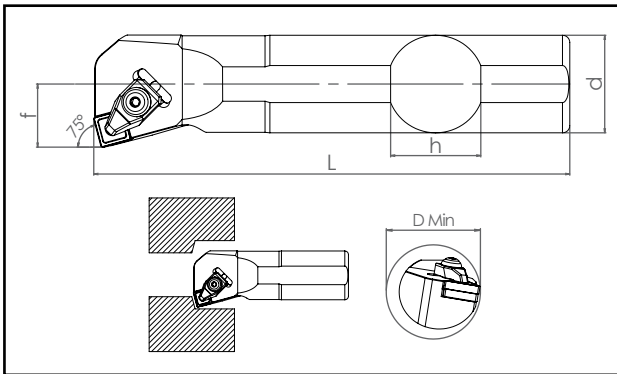


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TD-NR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
S25S TD-NR/L-11	25	23	250	17	≥32	DNM.1104..						
S32T TD-NR/L-15	32	30	300	26	≥44							
S40U TD-NR/L-15	40	37	350	29	≥52	DNM.1506..						
S50V TD-NR/L-15	50	47	400	35	≥67							

T SİSTEM DELİK TORNA KATERLERİ T System Boring Bars



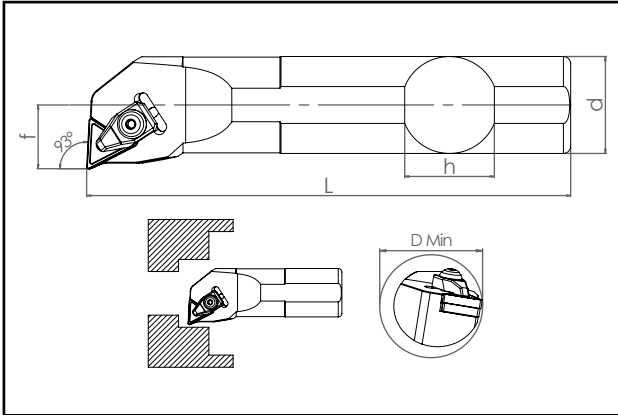
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TCLNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
S20R TCLNR/L-12	20	18	170	13	≥25	CNM.1204..	TSK1	TSBV M6x30	-	-	-	AA3
S25S TCLNR/L-12	25	23	250	17	≥32				-	-	-	
S32T TCLNR/L-12	32	30	300	22	≥40				BAX CN12	TSAV M4x10	TSP 6.5x12	
S40U TCLNR/L-12	40	37	350	27	≥50							
S50V TCLNR/L-12	50	47	400	35	≥63	CNM.1606..	TSK3	TSBV M6x30x7	BAX CN16	TSAV M6x16x9	-	AA4
S32T TCLNR/L-16	32	30	300	22	≥40							
S40U TCLNR/L-16	40	37	350	27	≥50							
S50V TCLNR/L-16	50	47	400	35	≥63	CNM..1906..	TSK4	TSBV M8x30	BAX CN19	TSAV M6x16	-	AA4
S50V TCLNR/L-19	50	47	400	35	≥63							



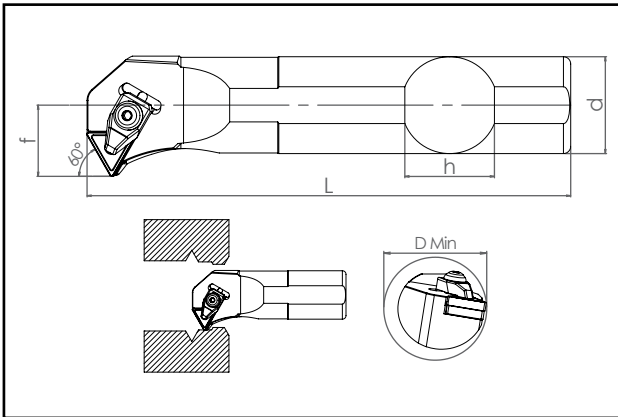
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TSKNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
S25S TSKNR/L-12	25	23	250	17	≥32	SNM.1204..	TSK1	TSBV M6x30	BAX SN12	TSAV M4x10	TSP 6.5x12	AA3
S32T TSKNR/L-12	32	30	300	22	≥40							
S40U TSKNR/L-12	40	37	350	27	≥50							
S50V TSKNR/L-12	50	47	400	35	≥63							
S32T TSKNR/L-15	32	30	300	22	≥40	SNM.1508	TSK3	TSBV M6x30x7	BAX SN15	TSAV M6x16	-	AA4
S40U TSKNR/L-15	40	37	350	27	≥50							
S50V TSKNR/L-15	50	47	400	35	≥63							

T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars

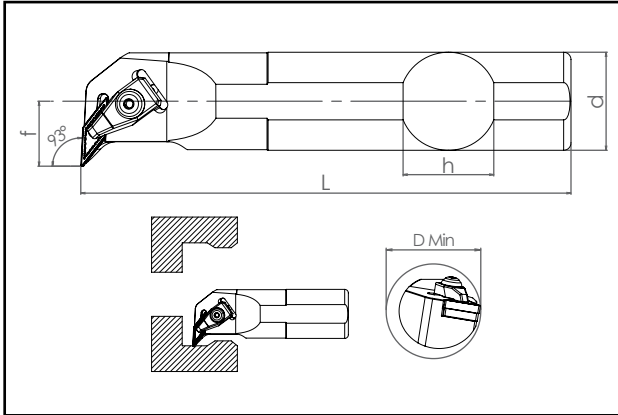


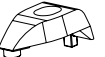
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TTUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
S25S TTUNR/L-16	25	23	250	17	≥32	TNM.1604..	TSK2	TSBV M5x23	BAX TN16	TSAV M4x10	TSP 6.5x12	AA3
S32T TTUNR/L-16	32	30	300	22	≥40							
S32T TTUNR/L-22	32	30	300	22	≥40	TNM.2204..	TSK1	TSBV M6x30	BAX TN22	TSAV M4x10	TSP 6.5x12	AA3
S40U TTUNR/L-22	40	37	350	27	≥50							
S50V TTUNR/L-22	50	47	400	35	≥63							

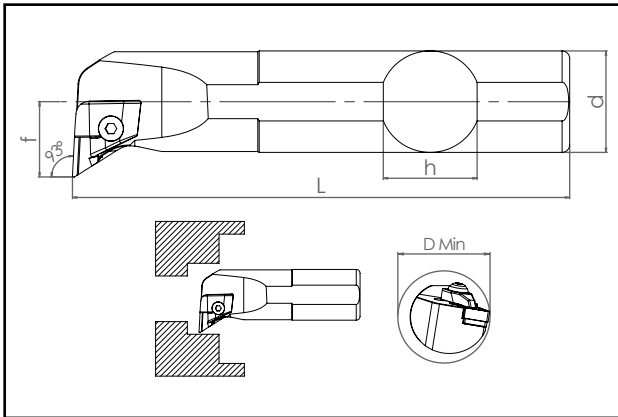


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TT-NR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
S25S TT-NR/L-16	25	23	250	17	≥32	TNM.1604..	TSK2	TSBV M5x23	BAX TN16	TSAV M4x10	TSP 6.5x12	AA3
S32T TT-NR/L-16	32	30	300	22	≥40							

T SİSTEM DELİK TORNA KATERLERİ T System Boring Bars



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TVUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
	S25S TVUNR/L-16	25	23	250	17		≥32	VNM.1604..	TSK5	TSBV M6x30	BAX VN16	TSAV M4x10
S32T TVUNR/L-16	32	30	300	22	≥40							
S40U TVUNR/L-16	40	37	350	27	≥50							



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS										
CKUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Allen Key						
																	
						S25S CKUNR/L-16	25	23	250	19	≥34	KNUX 1604..	CSK1/R CSK1/L	CSBV M6x30	BAX KN-R/L-16	CSAV M3x10	AA5
						S28S CKUNR/L-16	28	26	290	19	≥38						
						S32T CKUNR/L-16	32	30	300	22	≥40						
						S40U CKUNR/L-16	40	37	350	27	≥50						
S50V CKUNR/L-16	50	47	400	35	≥63												

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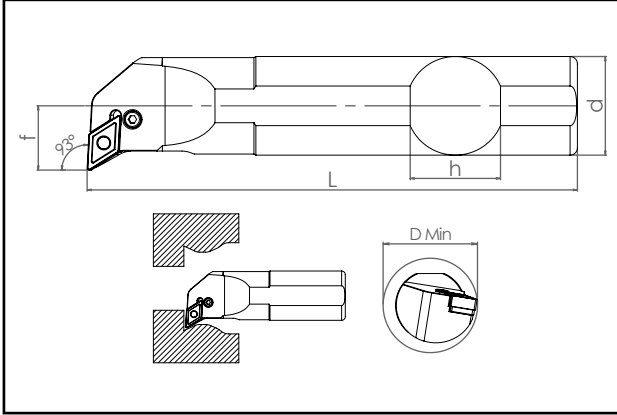
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P SİSTEM DELİK TORNA KATERLERİ

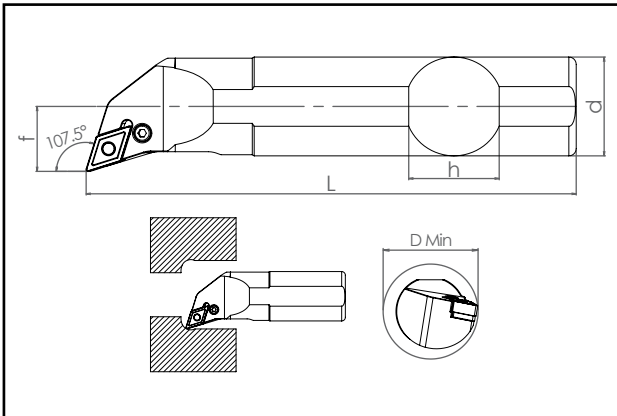
P System Boring Bars



P SİSTEM DELİK TORNA KATERLERİ P System Boring Bars



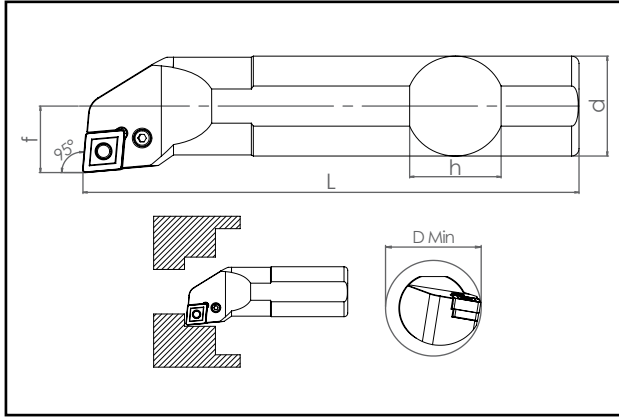
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PDUNR/L	d	h	L	f	D _{min}		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
S32T PDUNR/L-15	32	30	300	22	≥40	DNM.1506..					
S40U PDUNR/L-15	40	37.5	350	27	≥50		SPL1	SLV1 M8x20	BAX DN15	SLAY1	AA3
S50V PDUNR/L-15	50	47	400	35	≥63						



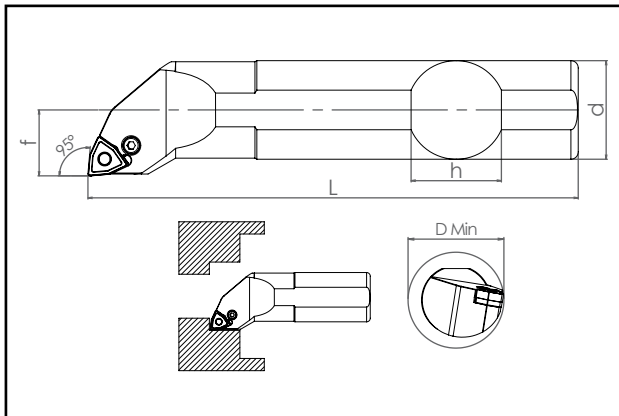
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PDQNR/L	d	h	L	f	D _{min}		Levyeye Lever	Levyeye Vidası Lever Screw	Altık Shim	Altık Yayı Shim Spring	Anahtar Allen Key
S25T PDQNR/L-15	25	23	250	17	≥40	DNM.1506..					
S32T PDQNR/L-15	32	30	300	22	≥40		SPL1	SLV1 M8x20	BAX DN15	SLAY1	AA3
S40U PDQNR/L-15	40	37.5	350	27	≥50						
S50V PDQNR/L-15	50	47	400	35	≥63						

P SİSTEM DELİK TORNA KATERLERİ

P System Boring Bars



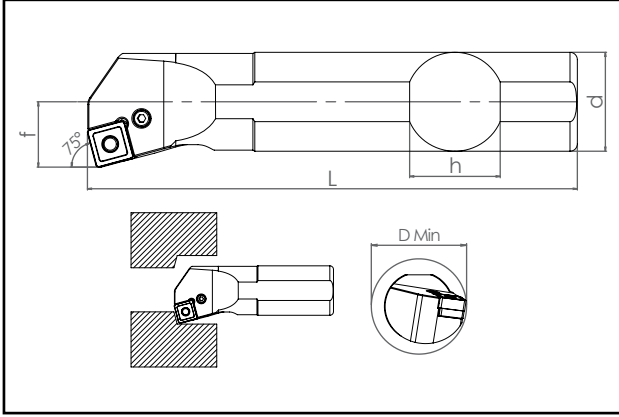
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PCLNR/L	d	h	L	f	D min		Levyeler Lever	Levyeler Vidası Lever Screw	Altlık Shim	Altlık Yayı Shim Spring	Anahtar Allen Key
S25S PCLNR/L-12	25	23	250	17	≥32	CNM.1204..					
S32T PCLNR/L-12	32	30	300	22	≥40		SPL1	SLV1 M8x20	BAX CN12	SLAY1	AA3
S40U PCLNR/L-12	40	37.5	350	27	≥50						
S32T PCLNR/L-16	32	30	300	22	≥40	CNM.1606..					
S40U PCLNR/L-16	40	37.5	350	27	≥50		SPL2	SLV1 M8x22	BAX CN16	SLAY2	AA5
S50V PCLNR/L-16	50	47	400	35	≥63						
S40U PCLNR/L-19	40	37.5	350	27	≥50	CNM.1906..					
S50V PCLNR/L-19	50	47	400	35	≥63		SPL3	SLV1 M10x25	BAX CN19	SLAY3	AA6



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PWLNR/L	d	h	L	f	D min		Levyeler Lever	Levyeler Vidası Lever Screw	Altlık Shim	Altlık Yayı Shim Spring	Anahtar Allen Key
S25S PWLNR/L-08	25	23	250	17	≥32	WNM.0804..					
S32T PWLNR/L-08	32	30	300	22	≥40		SPL1	SLV1 M8x20	BAX WN08	SLAY1	AA3
S40U PWLNR/L-08	40	37.5	350	27	≥50						
S50V PWLNR/L-08	50	47	400	35	≥63						

P SİSTEM DELİK TORNA KATERLERİ

P System Boring Bars



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PSKNR/L	d	h	L	f	D min		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yayısı Shim Spring	Anahtar Allen Key
S25S PSKNR/L-12	25	23	250	17	≥32	SNM.1204..					
S32T PSKNR/L-12	32	30	300	22	≥40		SPL1	SLV1 M8x20	BAX SN12	SLAY1	AA3
S40U PSKNR/L-12	40	37.5	350	27	≥50						
S32T PSKNR/L-15	32	30	300	22	≥40	SNM.1506..					
S40U PSKNR/L-15	40	37.5	350	27	≥50		SPL2	SLV1 M8x22	BAX SN15	SLAY2	AA5
S50V PSKNR/L-15	50	47	400	35	≥63						

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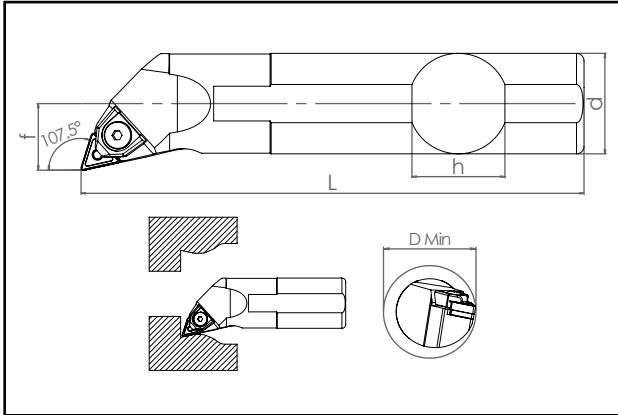
M SİSTEM DELİK TORNA KATERLERİ

M System Boring Bars

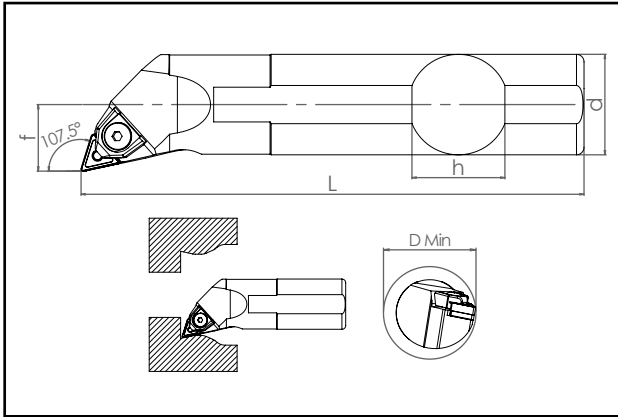


M SİSTEM DELİK TORNA KATERLERİ

M System Boring Bars



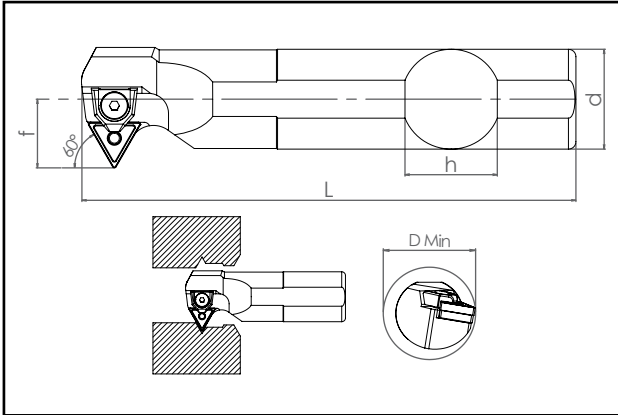
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MTUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
												
S20R MTUNR/L-16	20	18	200	13	≥25	TNM.1604..	MSK-2	MSBV M5x23	-	BPM1 3.70x5	-	AA3
S25S MTUNR/L-16	25	23	250	17	≥32	TNM.1604..	MSK-1	MSBV M6x30	BAX TN16	BPM1 3.70x5	TSP 6.5x12	
S32T MTUNR/L-16	32	30	300	22	≥40				BAX TN16	BPM1 3.70x5		
S40U MTUNR/L-16	40	37	350	27	≥50	TNM.2204..			BAX TN22	BPM2 5x6		
S32T MTUNR/L-22	32	30	300	22	≥40				BAX TN22	BPM2 5x6		
S40U MTUNR/L-22	40	37	350	27	≥50							
S50V MTUNR/L-22	50	47	400	35	≥63							



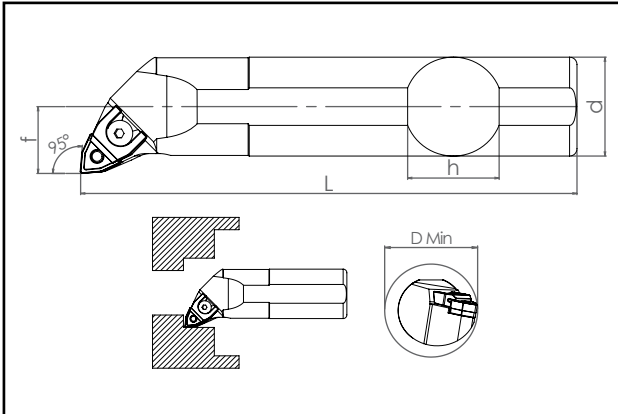
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MTQNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
												
S20R MTQNR/L-16	20	18	200	13	≥25	TNM.1604..	MSK-2	MSBV M5x23	-	BPM1 3.70x5	-	AA3
S25S MTQNR/L-16	25	23	250	17	≥32	TNM.1604..	MSK-1	MSBV M6x30	BAX TN16	BPM1 3.70x5	TSP 6.5x12	
S32T MTQNR/L-16	32	30	300	22	≥40				BAX TN22	BPM2 5x6		
S40U MTQNR/L-16	40	37	350	27	≥50	TNM.2204..			BAX TN22	BPM2 5x6		
S32T MTQNR/L-22	32	30	300	22	≥40							
S40U MTQNR/L-22	40	37	350	27	≥50							
S50V MTQNR/L-22	50	47	400	35	≥63							

M SİSTEM DELİK TORNA KATERLERİ

M System Boring Bars



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS								
MT-NR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key			
															
S25S MT-NR-16	25	23	250	17	≥32	TNM.1604..	MSK-1	MSBV M6x30	BAX TN16	BPM1 3.70x5	TSP 6.5x12	AA3			
S32T MT-NR-16	32	30	300	22	≥40										
S40U MT-NR-16	40	37	350	27	≥50	TNM.2204..			BAX TN22	BPM2 5x6					
S32T MT-NR-22	32	30	300	22	≥40										
S40U MT-NR-22	40	37	350	27	≥50										
S50V MT-NR-22	50	47	400	35	≥63										



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MWLNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altlık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
												
S16P MWLNR/L-06	16	15	170	11	≥21	WNM.0604..	MSK-4	MSBV M5x23	-	BPM1 3.70x5	-	AA3
S20R MWLNR/L-06	20	18	200	13	≥25							
S25S MWLNR/L-06	25	23	250	17	≥32							
S25S MWLNR/L-08	25	23	250	17	≥32	WNM.0804..	MSK-3	MSBV M6x30	BAX WN08	BPM3 5x6	TSP 6.5x12	
S32T MWLNR/L-08	32	30	300	22	≥40							
S40U MWLNR/L-08	40	37	350	27	≥50							
S50V MWLNR/L-08	50	47	400	35	≥63							

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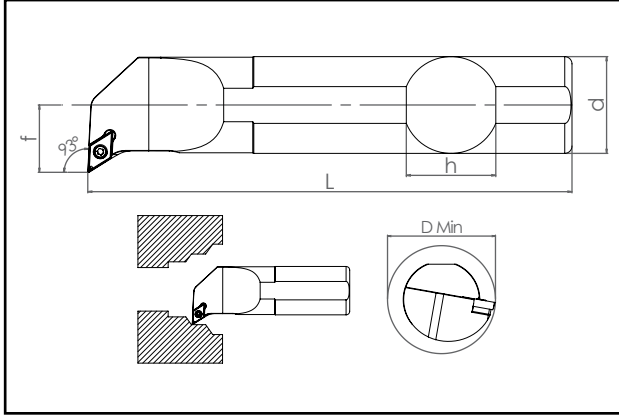
S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars

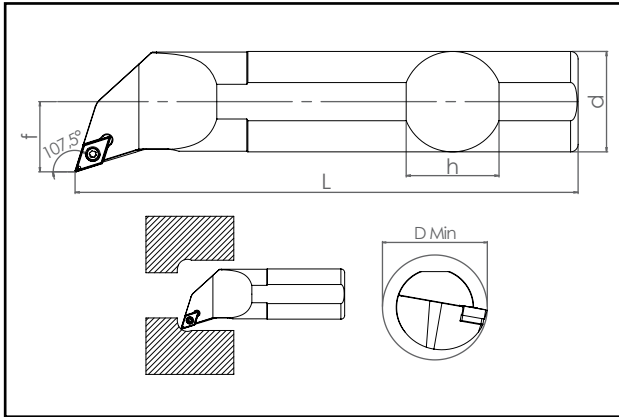


S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



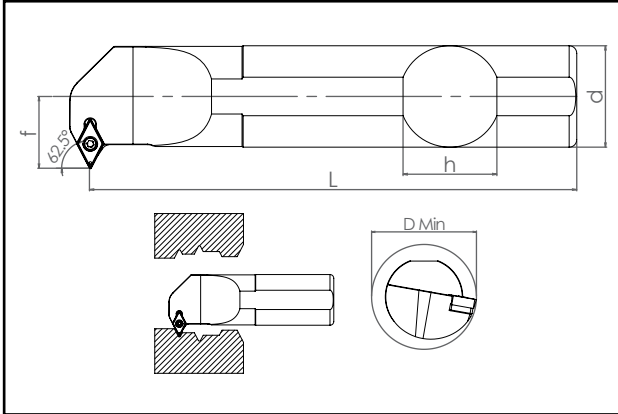
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SDUCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S10K SDUCR/L-07	10	09	125	07	≥13	DCM. 0702..				
S10X16P SDUCR/L-07	16	15	150	07	≥13					
S12K SDUCR/L-07	12	11	125	09	≥16					
S12X16P SDUCR/L-07	16	15	150	09	≥16					
S16P SDUCR/L-07	16	15	170	11	≥21	DCM. 11T3..				
S16P SDUCR/L-11	16	15	170	11	≥21					
S20R SDUCR/L-11	20	18	200	13	≥25					
S25S SDUCR/L-11	25	23	250	17	≥32					
S32T SDUCR/L-11	32	30	300	22	≥40					
S40U SDUCR/L-11	40	37	350	27	≥50					
							SSV M2.5x7	-	-	T08
							SSV M3.5x11	-	-	T15
							SSV M3.5x14	BAX DC11	SBV M5.05 A3.5x11	

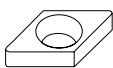


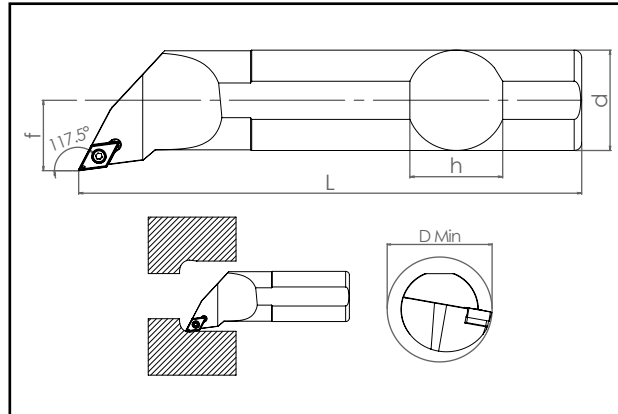
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDQCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S10K SDQCR/L-07	10	09	125	07	≥13	DCM. 0702..				
S10X16P SDQCR/L-07	16	15	150	07	≥13					
S12K SDQCR/L-07	12	11	125	09	≥16					
S12X16P SDQCR/L-07	16	15	150	09	≥16					
S16P SDQCR/L-07	16	15	170	11	≥21	DCM. 11T3..				
S16P SDQCR/L-11	16	15	170	11	≥21					
S20R SDQCR/L-11	20	18	200	13	≥25					
S25S SDQCR/L-11	25	23	250	17	≥32					
S32T SDQCR/L-11	32	30	300	22	≥40					
S40U SDQCR/L-11	40	37	350	27	≥50					
							SSV M2.5x7	-	-	T08
							SSV M3.5x11	-	-	T15
							SSV M3.5x14	BAX DC11	SBV M5.05 A3.5x11	

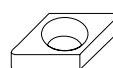
S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



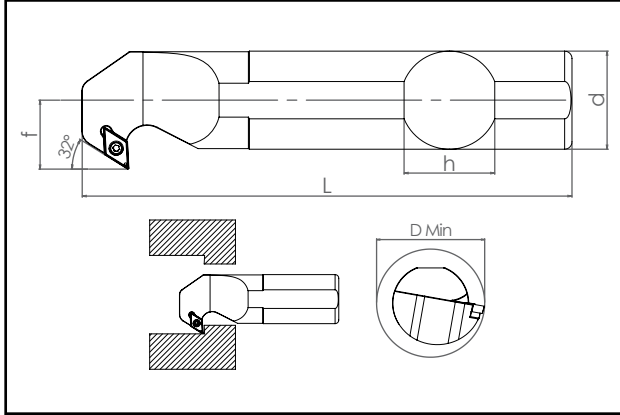
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SD-CR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S12K SD-CR/L-07	12	11	125	09	≥17	DCM. 0702..				
S12X16P SD-CR/L-07	16	15	150	09	≥17					
S16P SD-CR/L-11	16	15	170	11	≥21	DCM. 11T3..		-	-	T15
S20R SD-CR/L-11	20	18	200	13	≥25					
S25S SD-CR/L-11	25	23	250	17	≥32					
S32T SD-CR/L-11	32	30	300	22	≥40					
S40U SD-CR/L-11	40	37	350	27	≥50					



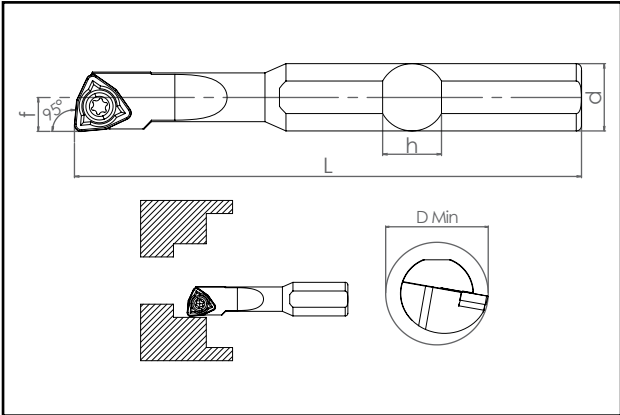
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SDPCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S10K SDPCR/L-07	10	09	125	07	≥23	DCM. 0702..				T08
S12K SDPCR/L-07	12	11	125	09	≥16					
S16P SDPCR/L-11	16	15	170	11	≥21	DCM. 11T3..		-	-	T15
S20R SDPCR/L-11	20	18	200	13	≥25					
S25S SDPCR/L-11	25	23	250	17	≥32					
S32T SDPCR/L-11	32	30	300	22	≥40					
S40U SDPCR/L-11	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars

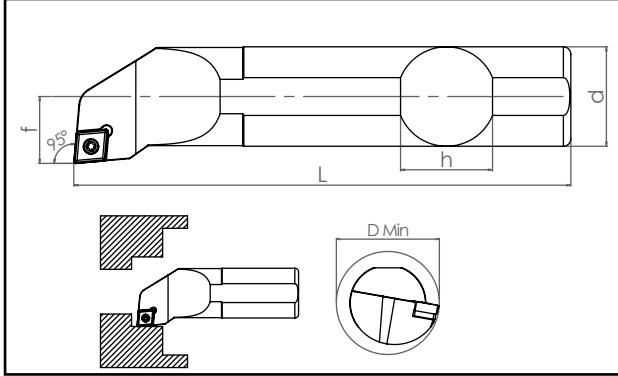


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDXCR/L	d	h	L	f	D _{min}		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S12K SDXCR/L-07	12	11	125	09	≥17	DCM. 0702..	SSV M2.5x7			T08
S16P SDXCR/L-11	16	15	170	11	≥21	DCM. 11T3..	SSV M3.5x11	-	-	T15
S20R SDXCR/L-11	20	18	200	13	≥25		SSV M3.5x14	BAX DC11	SBV M5.05 A3.5x11	
S25S SDXCR/L-11	25	23	250	17	≥32					
S32T SDXCR/L-11	32	30	300	22	≥40					
S40U SDXCR/L-11	40	37	350	27	≥50					

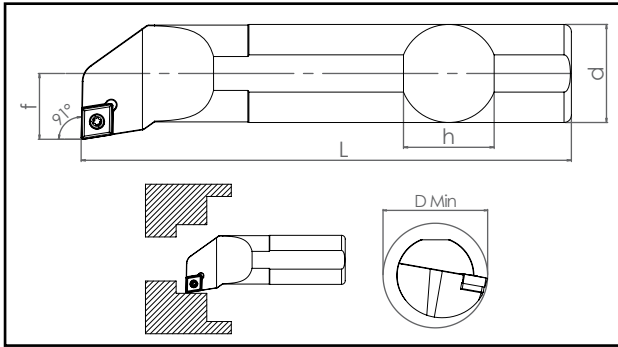


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SWLCR/L	d	h	L	f	D _{min}		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S0608H SWLCR-03	08	05	100	04	≥08	WCM.0302..	SSV M2.5x7	-	-	T08
S0810K SWLCR-03	10	07	125	07	≥10					

S SİSTEM DELİK TORNA KATERLERİ S System Boring Bars

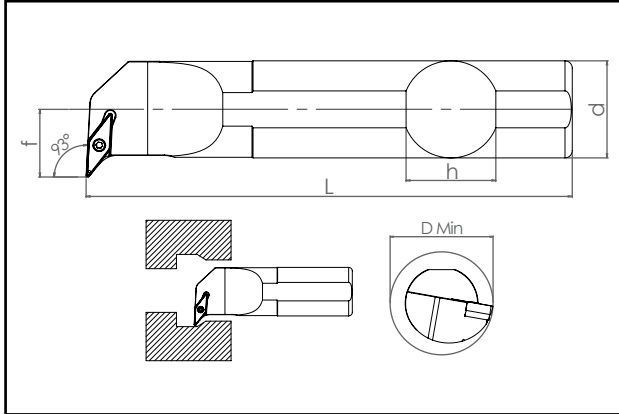


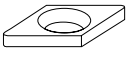
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCLCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S0608H SCLCR/L-06	06	7	100	4.5	≥8	CCM. 0602..				
S08H SCLCR/L-06	08	7	100	06	≥11					
S10K SCLCR/L-06	10	9	125	07	≥13					
S10X16P SCLCR/L-06	16	15	150	07	≥13					
S12K SCLCR/L-06	12	11	125	09	≥16					
S12X16P SCLCR/L-06	16	15	150	09	≥13	CCM. 09T3..				
S12K SCLCR/L-09	12	11	125	09	≥16					
S16P SCLCR/L-09	16	15	170	11	≥21					
S20R SCLCR/L-09	20	19	200	13	≥25					
S25S SCLCR/L-09	25	23	250	17	≥32					
S32T SCLCR/L-09	32	30	300	22	≥40	CCM. 1204..		BAX CC09	SBV-M5.05 A3.5x11	
S32T SCLCR/L-12	32	30	300	22	≥40			BAX CC12	SBV-M6.075 A4x11	
S40U SCLCR/L-12	40	37	350	27	≥50					

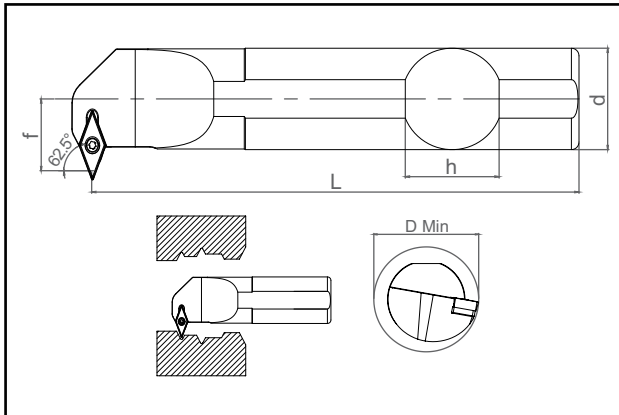


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCFCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S08H SCFCR/L-06	08	7	100	06	≥11	CCM. 0602..				
S10K SCFCR/L-06	10	9	125	07	≥13					
S12K SCFCR/L-06	12	11	125	09	≥16					
S12K SCFCR/L-09	12	11	125	09	≥16					
S16P SCFCR/L-09	16	15	170	11	≥21					
S20R SCFCR/L-09	20	19	200	13	≥25	CCM. 09T3..				
S25S SCFCR/L-09	25	23	250	17	≥32					
S25S SCFCR/L-12	25	23	250	17	≥32					
S32T SCFCR/L-12	32	30	300	22	≥40					
S40U SCFCR/L-12	40	37	350	27	≥50					
S32T SCFCR/L-12	32	30	300	22	≥40	CCM. 1204..		BAX CC12	SBV-M6.075 A4x11	
S40U SCFCR/L-12	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ S System Boring Bars



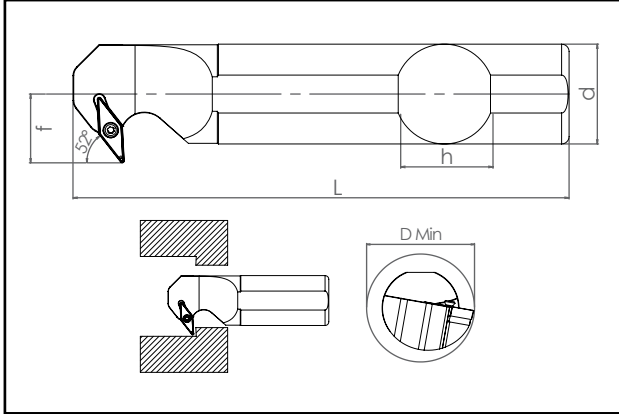
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVUBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVUBR/L-11	16	15	170	11	≥21	VBM. 1103..				
S20R SVUBR/L-11	20	18	200	13	≥25		SSV M2.5x7	-	-	T08
S25S SVUBR/L-16	25	23	250	17	≥32	VBM. 1604..	SSV M3.5x14	BAX VB16	SBV-M5.05 A3.5x11	T15
S32T SVUBR/L-16	32	30	300	22	≥40					
S40U SVUBR/L-16	40	37	350	27	≥50					



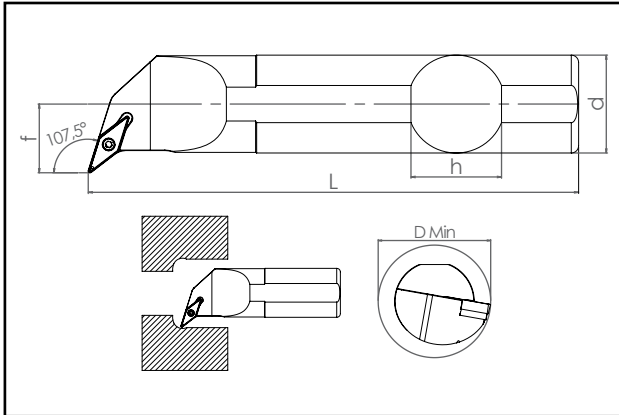
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SV-BR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S25S SV-BR/L-16	25	23	250	17	≥32	VBM. 1604..	SSV M3.5x14	BAX VB16	SBV-M5.05 A3.5x11	T15
S32T SV-BR/L-16	32	30	300	22	≥40					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



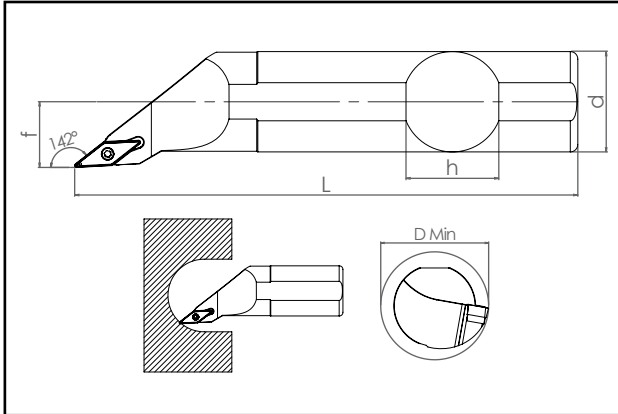
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVXBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVXBR/L-11	16	15	170	11	≥21	VBM. 1103..	SSV M2.5x7	-	-	T08
S20R SVXBR/L-11	20	18	200	13	≥25					
S25S SVXBR/L-16	25	23	250	17	≥32	VBM. 1604..	SSV M3.5x14	BAX VB16	SBV-M5.05 A3.5x11	T15
S32T SVXBR/L-16	32	30	300	22	≥40					
S40U SVXBR/L-16	40	37	350	27	≥50					



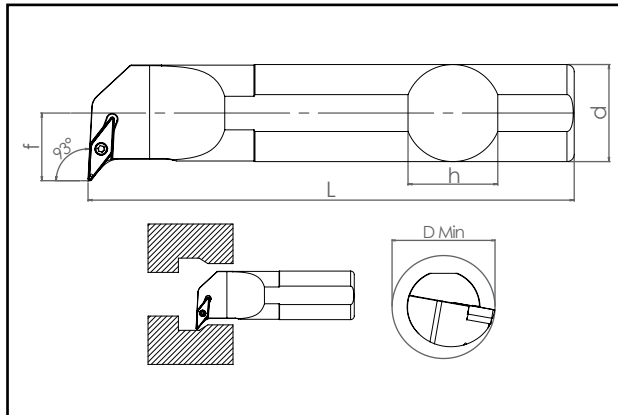
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVQBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVQBR/L-11	16	15	170	11	≥21	VBM. 1103..	SSV M2.5x7	-	-	T08
S20R SVQBR/L-11	20	18	200	13	≥25					
S25S SVQBR/L-16	25	23	250	17	≥32	VBM. 1604..	SSV M3.5x14	BAX VB16	SBV-M5.05 A3.5x11	T15
S32T SVQBR/L-16	32	30	300	22	≥40					
S40U SVQBR/L-16	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



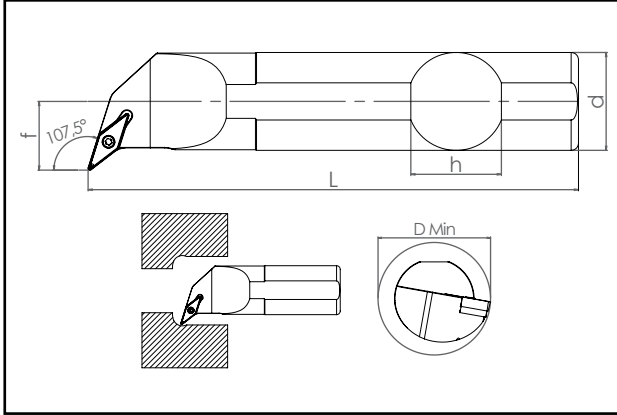
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SVJBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S25S SVJBR/L-16	25	23	250	17	≥32	VBM. 1604..				
S32T SVJBR/L-16	32	30	300	22	≥40		SSV M3.5x14	BAX VB16	SBV-M5.05 A3.5x11	T15
S40U SVJBR/L-16	40	37	350	27	≥50					



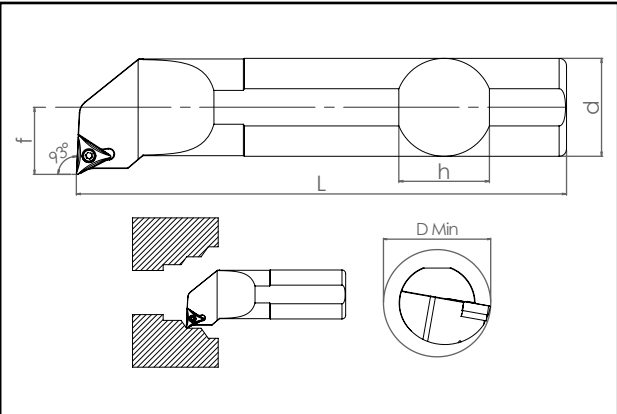
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVUCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVUCR/L-11	16	15	170	11	≥21	VCM. 1103..		-	-	T08
S20R SVUCR/L-11	20	18	200	13	≥25		SSV M2.5x7			
S25S SVUCR/L-16	25	23	250	17	≥32	VCM. 1604..		BAX VC16	SBV-M5.05 A3.5x11	T15
S32T SVUCR/L-16	32	30	300	22	≥40		SSV M3.5x14			
S40U SVUCR/L-16	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



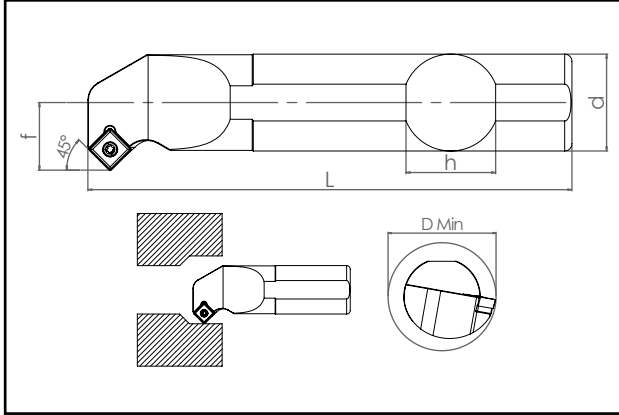
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVQCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVQCR/L-11	16	15	170	11	≥21	VCM.1103..	SSV M2.5x7	-	-	T08
S20R SVQCR/L-11	20	18	200	13	≥25					
S25S SVQCR/L-16	25	23	250	17	≥32	VCM.1604..	SSV M3.5x14	BAX VC16	SBV-M5.05 A3.5x11	T15
S32T SVQCR/L-16	32	30	300	22	≥40					
S40U SVQCR/L-16	40	37	350	27	≥50					



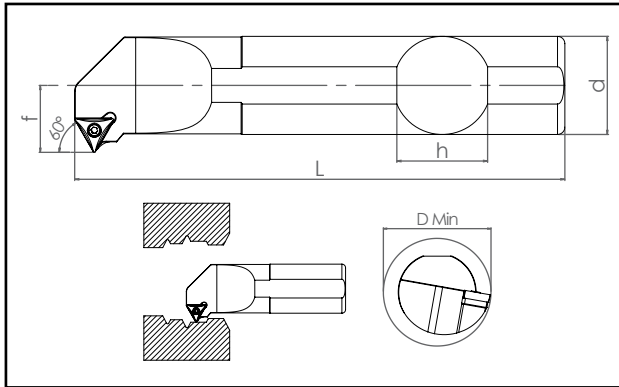
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS								
STUCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key					
															
S10K STUCR/L-09	10	09	125	07	≥13	TCM.0902..	SSV M2.2x6			T07					
S12K STUCR/L-09	12	11	125	09	≥17										
S10K STUCR/L-11	10	09	125	07	≥13	TCM.1102..	SSV M2.5x7			-	-	T08			
S12K STUCR/L-11	12	11	125	09	≥17										
S16P STUCR/L-11	16	15	170	11	≥21										
S20R STUCR/L-11	20	18	200	13	≥25	TCM.16T3.	SSV M3.5x11			T15					
S16P STUCR/L-16	16	15	170	11	≥21										
S20R STUCR/L-16	20	18	200	13	≥25		SSV M3.5x14				BAX TC16	SBV M5.05 A3.5x11			
S25S STUCR/L-16	25	23	250	17	≥32										
S32T STUCR/L-16	32	30	300	22	≥40										
S40U STUCR/L-16	40	37	350	27	≥50										

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



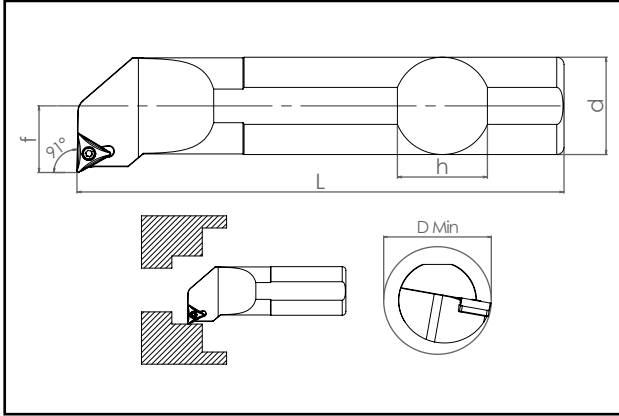
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SSSCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SSSCR/L-09	16	15	170	11	≥21	SCM. 09T3..	SSV M3.5x11	-	-	T15
S20R SSSCR/L-09	20	18	200	13	≥25		SSV M3.5x14	BAX SC09	SBV-M5.05 A3.5x11	
S25S SSSCR/L-09	25	23	250	17	≥32		SSV M4x16	BAX SC12	SBV-M6.075 A4x11	
S32T SSSCR/L-12	32	30	300	22	≥40	SCM. 1204..	SSV M4x16	BAX SC12	SBV-M6.075 A4x11	T20
S40U SSSCR/L-12	40	37	350	27	≥50					



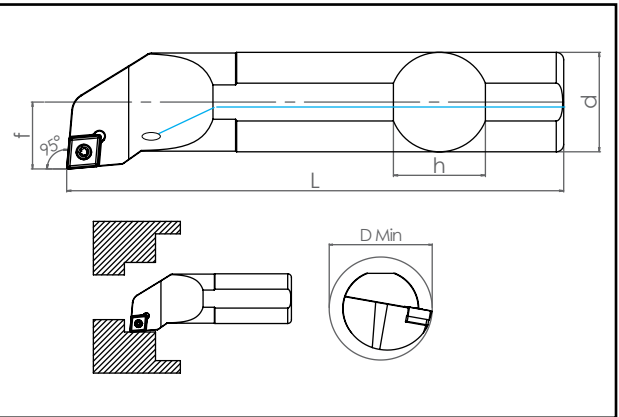
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
ST-CR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
										
S12K ST-CR/L-09	12	11	125	09	≥17	TCM.0902..	SSV M2.2x6	-	-	T07
S12K ST-CR/L-11	12	11	125	09	≥17	TCM.1102..	SSV M2.5x7			T08
S16P ST-CR/L-11	16	15	170	11	≥21					
S20R ST-CR/L-11	20	18	200	13	≥25	TCM.16T3..	SSV M3.5x11	BAX TC16	SBV M5.05 A3.5x11	T15
S16P ST-CR/L-16	16	15	170	11	≥21					
S20R ST-CR/L-16	20	18	200	13	≥25					
S25S ST-CR/L-16	25	23	250	17	≥32					
S32T ST-CR/L-16	32	30	300	22	≥40					
S40U ST-CR/L-16	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



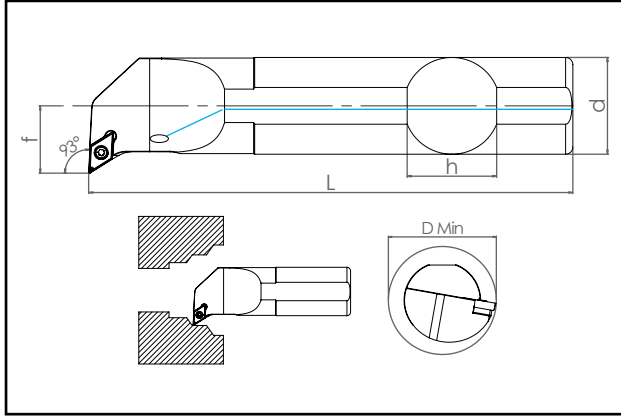
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
STFCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key		
												
S0610F STFCR/L-06	10	09	125	04	≥08	TCM.06T1	SSV M2x4	-	-	T06		
S10K STFCR/L-09	10	09	125	07	≥13	TCM.0902..	SSV M2.5x7			T07		
S12K STFCR/L-09	12	11	125	09	≥17					T08		
S10K STFCR/L-11	10	09	125	07	≥13	TCM.1102..				BAX TC16	SBV M5.05 A3.5x11	T15
S12K STFCR/L-11	12	11	125	09	≥17							
S16P STFCR/L-11	16	15	170	11	≥21							
S20R STFCR/L-11	20	18	200	13	≥25	TCM.16T3..	SSV M3.5x11					
S16P STFCR/L-16	16	15	170	11	≥21		SSV M3.5x14					
S20R STFCR/L-16	20	18	200	13	≥25							
S25S STFCR/L-16	25	23	250	17	≥32							
S32T STFCR/L-16	32	30	300	22	≥40							
S40U STFCR/L-16	40	37	350	27	≥50							



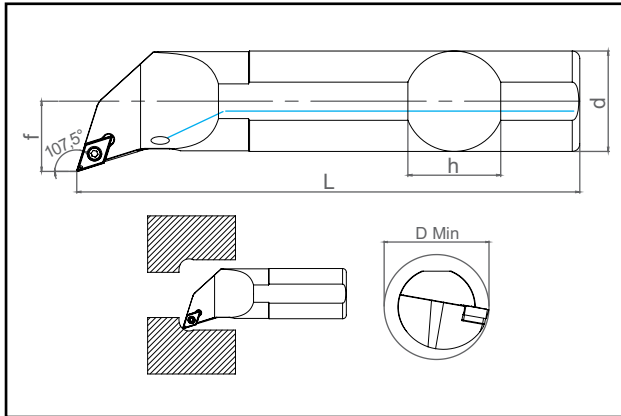
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
A-SCLCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key	
											
	A08H SCLCR/L-06	08	7	100	06	≥11	CCM. 0602..	SSV M2.5x7			T08
	A10H SCLCR/L-06	10	9	125	07	≥13					
	A12H SCLCR/L-06	12	11	125	09	≥16	CCM. 09T3..	SSV M3.5x11	-	-	T15
	A16M SCLCR/L-09	16	15	170	11	≥21					
	A20P SCLCR/L-09	20	19	200	13	≥25					
A25R SCLCR/L-09	25	23	250	17	≥32						
A32S SCLCR/L-09	32	30	300	22	≥40		SSV 3.5x14	BAX CC09	SBV-M5.05 A3.5x11		

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
A-SDUCR/L	d	h	L	f	D _{min}		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
A10H SDUCR/L-07	10	09	100	07	≥13	DCM. 0702..				T08
A12H SDUCR/L-07	12	11	100	09	≥16					
A16M SDUCR/L-07	16	15	150	11	≥21					
A16M SDUCR/L-11	16	15	150	11	≥21	DCM. 11T3..		-	-	T15
A20P SDUCR/L-11	20	18	170	13	≥25					
A25R SDUCR/L-11	25	23	200	17	≥32					
A32S SDUCR/L-11	32	30	250	22	≥40			BAX DC11	SBV M5.05 A3.5x11	



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
A-SDQCR/L	d	h	L	f	D _{min}		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
A10H SDQCR/L-07	10	09	100	07	≥13	DCM. 0702..				T08
A12H SDQCR/L-07	12	11	100	09	≥16					
A16M SDQCR/L-07	16	15	150	11	≥21					
A16M SDQCR/L-11	16	15	150	11	≥21	DCM. 11T3..		-	-	T15
A20P SDQCR/L-11	20	18	170	13	≥25					
A25R SDQCR/L-11	25	23	200	17	≥32					
A32S SDQCR/L-11	32	30	300	22	≥40			BAX DC11	SBV M5.05 A3.5x11	

Teknoloji profesyonellikle birleŖti
Technology combined with professionalism

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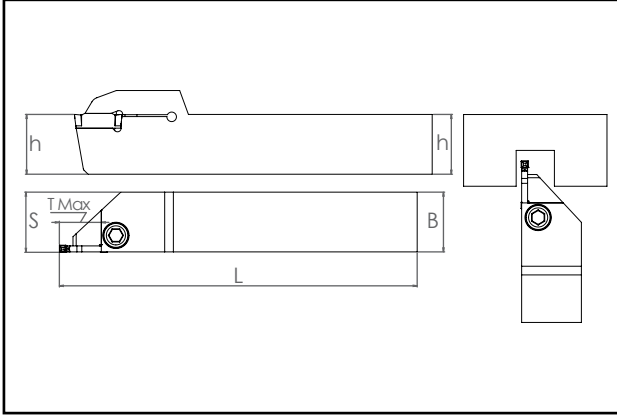
DIŖ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders



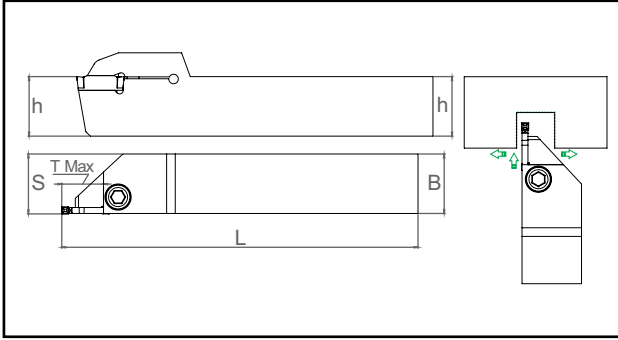
DIŞ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders

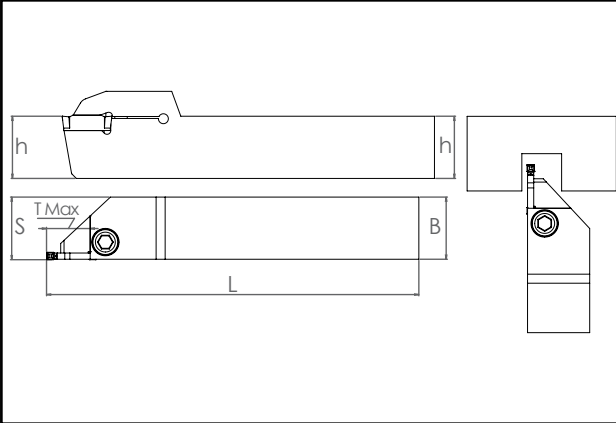


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L KRLY-MGM	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
1212 BDKT R/L-K2C t max:15	12	12	100	12.3	15	MGM 2C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKTV M5x20		AA4	
1616 BDKT R/L-K2C t max:18	16	16	125	16.3	18		BKTV M6x25		AA5	
2020 BDKT R/L-K2C t max:18	20	20	125	20.3	18					
2020 BDKT R/L-K2C t max:12	20	20	125	20.3	12					
2525 BDKT R/L-K2C t max:18	25	25	150	25.3	18					
3232 BDKT R/L-K2C t max:18	32	32	170	32.3	18	BKTV M5x20	AA4			
1212 BDKT R/L-K3C t max:18	12	12	100	12.3	18		BKTV M6x25			AA5
1616 BDKT R/L-K3C t max:18	16	16	125	16.4	18					
2020 BDKT R/L-K3C t max:20	20	20	125	20.4	20					
2525 BDKT R/L-K3C t max:22	25	25	150	25.4	22					
2525 BDKT R/L-K3C t max:25	25	25	150	25.4	25					
2525 BDKT R/L-K3C t max:40	25	25	150	25.4	40					
3232 BDKT R/L-K3C t max:22	32	32	170	32.4	22					
2020 BDKT R/L-K4C t max:20	20	20	125	20.4	20					
2020 BDKT R/L-K4C t max:25	20	20	125	20.4	25					
2525 BDKT R/L-K4C t max:22	25	25	150	25.4	22					
2525 BDKT R/L-K4C t max:25	25	25	150	25.4	25					
2525 BDKT R/L-K4C t max:40	25	25	150	25.4	40					
3232 BDKT R/L-K4C t max:22	32	32	170	32.4	22					
2020 BDKT R/L-K5C t max:20	20	20	125	20.5	20					
2525 BDKT R/L-K5C t max:25	25	25	150	25.5	25					
2525 BDKT R/L-K5C t max:40	25	25	150	25.5	40					
3232 BDKT R/L-K5C t max:25	32	32	170	32.5	25					
2525 BDKT R/L-K6C t max:25	25	25	150	25.6	25					
3232 BDKT R/L-K6C t max:25	32	32	170	32.6	25					
2525 BDKT R/L-K8C t max:25	25	25	150	25.6	25					
3232 BDKT R/L-K8C t max:27	32	32	170	32.8	27					

DIŞ ÇAP KANAL AÇMA TAKIMLARI External Grooving Toolholders



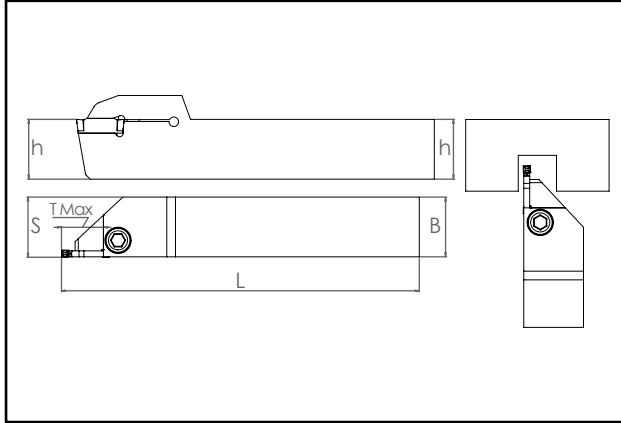
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L KRLY-KGM	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
	1212 BDKT R/L-KG2C t max:15	12	12	100	12.3	15	BKT V M5x20		AA4	
	1616 BDKT R/L-KG2C t max:18	16	16	100	16.3	18			BKT V M6x25	AA5
	2020 BDKT R/L-KG2C t max:18	20	20	125	20.2	18				
	2525 BDKT R/L-KG2C t max:18	25	25	150	25.2	18				
	2020 BDKT R/L-KG3C t max:20	20	20	125	20.2	20				
	2525 BDKT R/L-KG3C t max:22	25	25	150	25.2	22				
	2020 BDKT R/L-KG4C t max:20	20	20	125	20.2	20				
	2525 BDKT R/L-KG4C t max:22	25	25	150	25.2	22				
2525 BDKT R/L-KG5C t max:25	25	25	150	25.2	25					
2525 BDKT R/L-KG6C t max:25	25	25	150	25.2	25					
						KGM 2C KRLY UCA UYGUNDUR FOR KRLY INSERT				
						KGM 3C KRLY UCA UYGUNDUR FOR KRLY INSERT				
						KGM 4C KRLY UCA UYGUNDUR FOR KRLY INSERT				
						KGM 5C KRLY UCA UYGUNDUR FOR KRLY INSERT				
						KGM 6C KRLY UCA UYGUNDUR FOR KRLY INSERT				



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L SMTM (GCM)	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
	1212 BDKT R/L-SM-GCM-2C t max:15	12	12	100	12.2	15	GCM-2C SMTM UCA UYGUNDUR FOR SMTM INSERT	BKT V M5x20		AA4
	1616 BDKT R/L-SM-GCM-2C t max:18	16	16	125	16.2	18		BKT V M6x25		AA5
	2020 BDKT R/L-SM-GCM-2C t max:18	20	20	125	20.2	18				
	2525 BDKT R/L-SM-GCM-2C t max:18	25	25	150	25.2	18				
	1212 BDKT R/L-SM-GCM-3C t max:15	12	12	100	12.2	15	GCM-3C SMTM UCA UYGUNDUR FOR SMTM INSERT	BKT V M5x20		AA4
	1616 BDKT R/L-SM-GCM-3C t max:15	16	16	125	16.3	15		BKT V M6x25		AA5
	2020 BDKT R/L-SM-GCM-3C t max:20	20	20	125	20.3	20				
	2525 BDKT R/L-SM-GCM-3C t max:22	25	25	150	25.3	22				

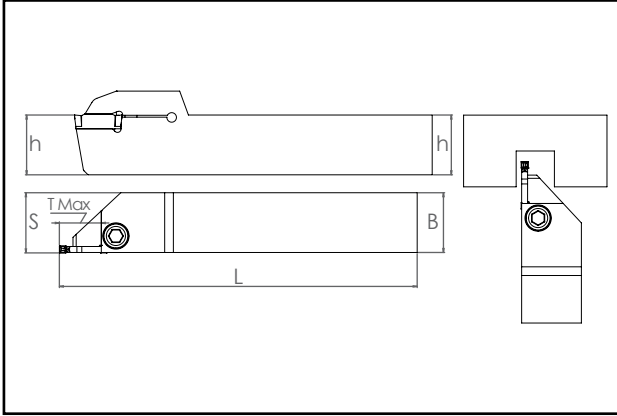
DIŞ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders

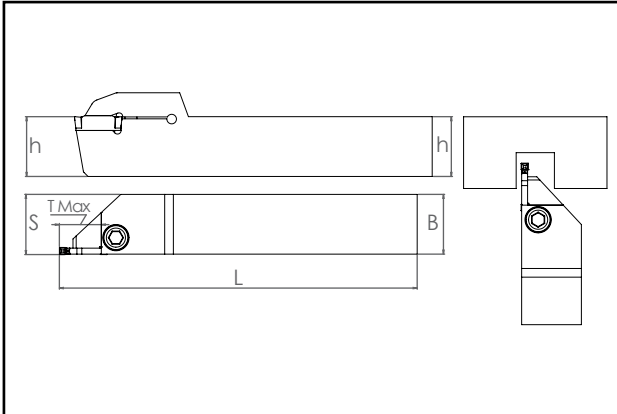


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L ISCR DGN / GRIP / GIM	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
1212 BDKT R/L-ID2C t max:15	12	12	100	12.3	15	DGN 2C ISCR UCA UYGUNDUR FOR ISCR INSERT	BKTV M5x20		AA4	
1616 BDKT R/L-ID2C t max:18	16	16	100	16.3	18		BKTV M6x25		AA5	
2020 BDKT R/L-ID2C t max:18	20	20	125	20.3	18		BKTV M5x20		AA4	
2525 BDKT R/L-ID2C t max:18	25	25	150	25.3	18	DGN 3C ISCR UCA UYGUNDUR FOR ISCR INSERT	BKTV M6x25			AA5
1212 BDKT R/L-ID3C t max:15	12	12	100	12.3	15					
1616 BDKT R/L-ID3C t max:18	16	16	100	16.4	18					
2020 BDKT R/L-ID3C t max:20	20	20	125	20.4	20					
2525 BDKT R/L-ID3C t max:22	25	25	150	25.3	22					
3232 BDKT R/L-ID3C t max:22	32	32	170	32.4	22	GRIP 4C ISCR UCA UYGUNDUR FOR ISCR GRIP 4C INSERT	BKTV M6x25			AA5
2020 BDKT R/L-IG4C t max:20	20	20	125	20.3	20					
2525 BDKT R/L-IG4C t max:22	25	25	150	25.4	22					
3232 BDKT R/L-IG4C t max:22	32	32	170	32.6	22	ISCR GRIP 5C	BKTV M5x20			AA4
3232 BDKT R/L-IG5C t max:25	32	32	170	32.8	25					
1616 BDKT R/L-IGM3C t max:15	16	16	100	16.3	15	GIM 3C ISCR UCA UYGUNDUR FOR ISCR GIM 4C INSERT	BKTV M5x20			AA4
2020 BDKT R/L-IGM3C t max:20	20	20	125	20.3	20		BKTV M6x25			AA5
2525 BDKT R/L-IGM3C t max:22	25	25	150	25.3	22					

DIŞ ÇAP KANAL AÇMA TAKIMLARI External Grooving Toolholders



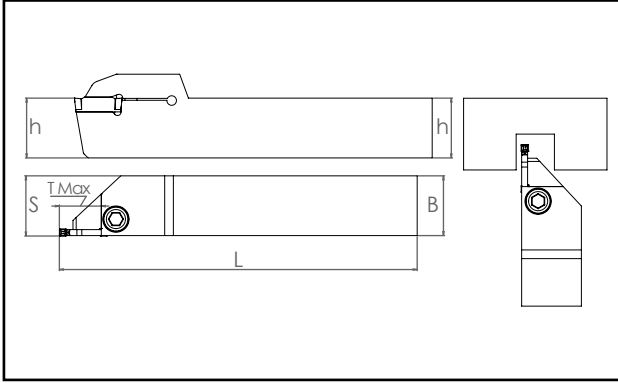
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L HORN S229	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
2020 BDKT R/L-H-S229-2C t max:18	20	20	125	20.5	18	S229.02 HORN UCA UYGUNDUR FOR HORN INSERT S229.03 HORN UCA UYGUNDUR FOR HORN INSERT S229.04 HORN UCA UYGUNDUR FOR HORN INSERT S229.05 HORN UCA UYGUNDUR FOR HORN INSERT	 BKT V M6x25	 -	 AA5
2525 BDKT R/L-H-S229-2C t max:18	25	25	150	25.5	18				
2020 BDKT R/L-H-S229-3C t max:20	20	20	125	20.5	20				
2525 BDKT R/L-H-S229-3C t max:22	25	25	150	25.5	22				
2020 BDKT R/L-H-S229-4C t max:20	20	20	125	20.5	20				
2525 BDKT R/L-H-S229-4C t max:22	25	25	150	25.5	22				
2020 BDKT R/L-H-S229-5C t max:20	20	20	125	20.5	20				
2525 BDKT R/L-H-S229-5C t max:25	25	25	150	25.5	25				



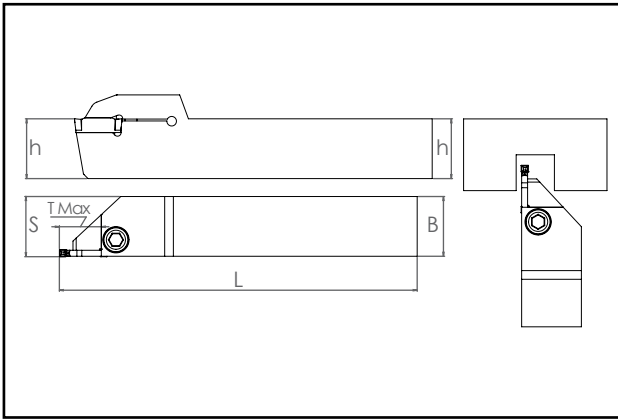
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L-K.HORN S224	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
2020 BDKT R/L-HK-S224-2C t max:18	20	20	125	20.3	18	S224-02 HORN UCA UYGUNDUR FOR HORN INSERT S224-03 HORN UCA UYGUNDUR FOR HORN INSERT S224-04 HORN UCA UYGUNDUR FOR HORN INSERT	 BKT V M6x25	 -	 AA5
2525 BDKT R/L-HK-S224-2C t max:18	25	25	150	25.3	18				
2020 BDKT R/L-HK-S224-3C t max:20	20	20	125	20.4	20				
2525 BDKT R/L-HK-S224-3C t max:22	25	25	150	25.4	22				
2020 BDKT R/L-HK-S224-4C t max:20	20	20	125	20.4	20				
2525 BDKT R/L-HK-S224-4C t max:22	25	25	150	25.4	22				

DIŞ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders

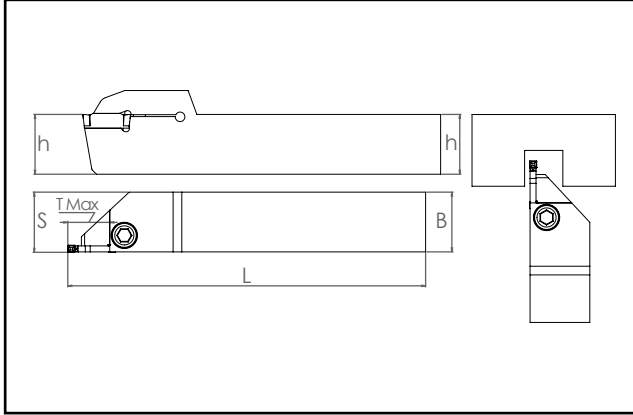


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L SDV 123	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
									
1616 BDKT R/L-SDV123-2C t max:18	16	16	100	16.3	18	123-2C SDVK UCA UYGUNDUR FOR SDVK INSERT	BKTV M6x25		AA5
2020 BDKT R/L-SDV123-2C t max:18	20	20	125	20.3	18				
2525 BDKT R/L-SDV123-2C t max:18	25	25	150	25.3	18				
1616 BDKT R/L-SDV123-3C t max:18	16	16	100	16.4	18				
2020 BDKT R/L-SDV123-3C t max:20	20	20	125	20.4	20				
2525 BDKT R/L-SDV123-3C t max:22	25	25	150	25.4	22				
2020 BDKT R/L-SDV123-4C t max:20	20	20	125	20.4	20				
2525 BDKT R/L-SDV123-4C t max:22	25	25	150	25.4	22				
2020 BDKT R/L-SDV123-5C t max:22	20	20	125	20.5	22				
2525 BDKT R/L-SDV123-5C t max:25	25	25	150	25.5	25				

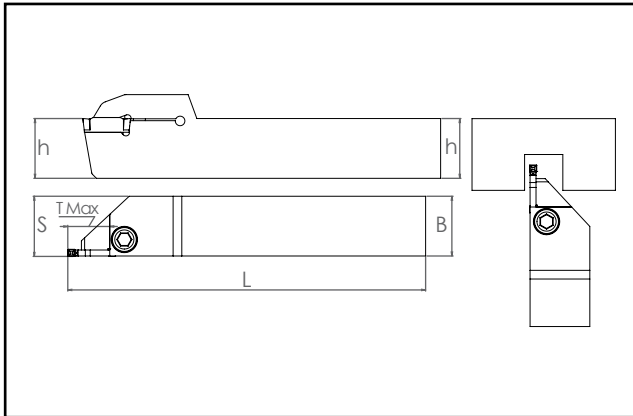


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L TGTC TDC	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
1212 BDKT R/L-T-2C t max:15	12	12	100	12.3	15	TDC-2C TGTC UCA UYGUNDUR FOR TGTC INSERT	BDKT M5x20		AA4	
1616 BDKT R/L-T-2C t max:18	16	16	100	16.3	18		BDKT M6x25		AA5	
2020 BDKT R/L-T-2C t max:18	20	20	125	20.3	18				AA5	
2525 BDKT R/L-T-2C t max:18	25	25	150	25.3	18	TDC-3C TGTC UCA UYGUNDUR FOR TGTC INSERT	BDKT M5x20		AA4	
1212 BDKT R/L-T-3C t max:15	12	12	100	12.3	15		BDKT M6x25		-	AA5
1616 BDKT R/L-T-3C t max:18	16	16	100	16.4	18					
2020 BDKT R/L-T-3C t max:20	20	20	125	20.4	20					
2525 BDKT R/L-T-3C t max:22	25	25	150	25.4	22					
2020 BDKT R/L-T-4C t max:20	20	20	125	20.4	20	TDC-4C TGTC UCA UYGUNDUR FOR TGTC INSERT				
2525 BDKT R/L-T-4C t max:22	25	25	150	25.4	22					

DIŞ ÇAP KANAL AÇMA TAKIMLARI External Grooving Toolholders



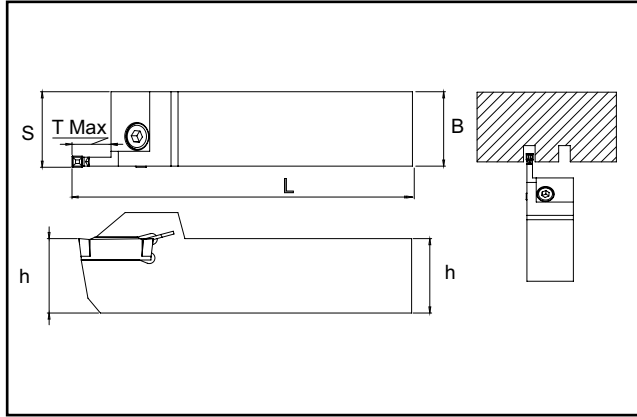
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L ZCC-CT ZT..	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1616 BDKT R/L-ZCC2-2C t max:18	16	16	100	16.3	18	ZTDB 2 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	BKTV M5x20		AA4
2020 BDKT R/L-ZCC2-2C t max:18	20	20	125	20.3	18		BKTV M6x25		AA5
2525 BDKT R/L-ZCC2-2C t max:18	25	25	150	25.3	18		BKTV M5x20		AA4
1616 BDKT R/L-ZCC2-3C t max:18	16	16	100	16.5	18	ZTFD 3 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	BKTV M6x25	-	AA5
2020 BDKT R/L-ZCC2-3C t max:20	20	20	125	20.3	20				
2525 BDKT R/L-ZCC2-3C t max:22	25	25	150	25.3	22				
2020 BDKT R/L-ZCC2-4C t max:20	20	20	125	20.5	20	ZTGD 4 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	BKTV M6x25	-	AA5
2525 BDKT R/L-ZCC2-4C t max:22	25	25	150	25.5	22				
2020 BDKT R/L-ZCC2-5C t max:22	20	20	125	20.5	22				
2525 BDKT R/L-ZCC2-5C t max:25	25	25	150	25.5	25	ZTHD 5 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT			



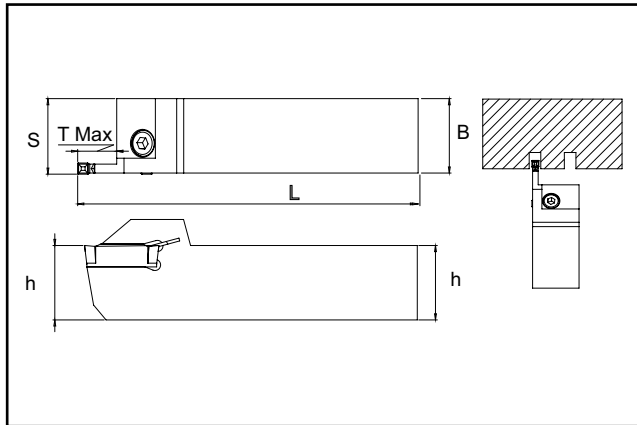
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L-LAMINA (GCTX)	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1616 BDKT R/L-GC-LM-2C t max:18	16	16	125	16.2	18	GCTX-2 LAMINA UCA UYGUNDUR FOR LAMINA INSERT	BKTV M6x25	-	AA5
2020 BDKT R/L-GC-LM-2C t max:18	20	20	125	20.2	18				
2525 BDKT R/L-GC-LM-2C t max:18	25	25	150	25.2	18				
1616 BDKT R/L-GC-LM-3C t max:18	16	16	125	16.3	18	GCTX-3 LAMINA UCA UYGUNDUR FOR LAMINA INSERT	BKTV M6x25	-	AA5
2020 BDKT R/L-GC-LM-3C t max:20	20	20	125	20.3	20				
2525 BDKT R/L-GC-LM-3C t max:22	25	25	150	25.3	22				

KAYAR OTOMAT DIŞ ÇAP KANAL AÇMA TAKIMLARI

Automatic Type External Grooving Toolholders

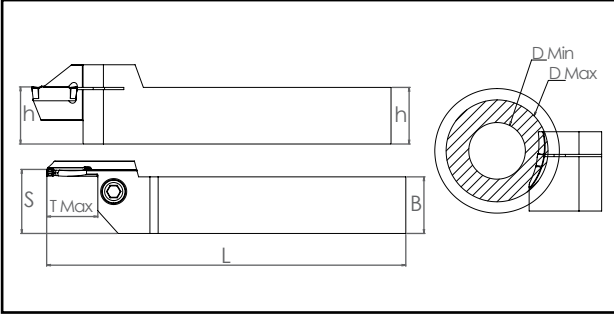


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L-K.O. KRLY-MGM	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1010 BDKT R/L KGM2C K.O t max:10	10	10	120	10.20	10	KGM 2C KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3.5x11	-	T15
1212 BDKT R/L KGM2C K.O t max:10	12	12	120	12.20	10		BKTV M6x25		AA5
1616 BDKT R/L KGM2C K.O t max:16	16	16	120	16.20	16				

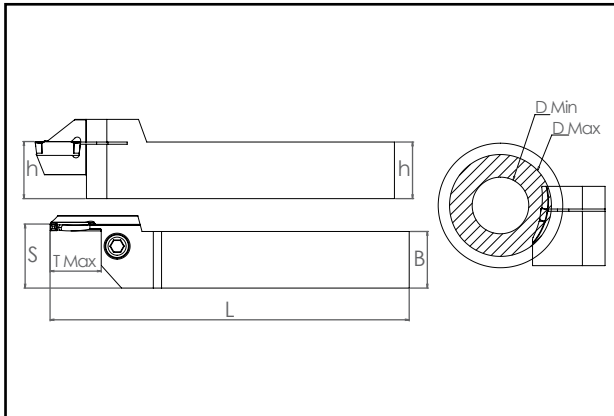


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L-K.O. ID3C K.O.	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1010 BDKT R/L ID3C K.O t max:10	10	10	120	10.20	10	DGN 3C ID3C UCA UYGUNDUR FOR ID3C INSERT	SSV M3.5x11	-	T15
1212 BDKT R/L ID3C K.O t max:10	12	12	120	12.20	10		BKTV M6x25		AA5
1616 BDKT R/L ID3C K.O t max:16	16	16	120	16.20	16				

DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI Face External Grooving Toolholders

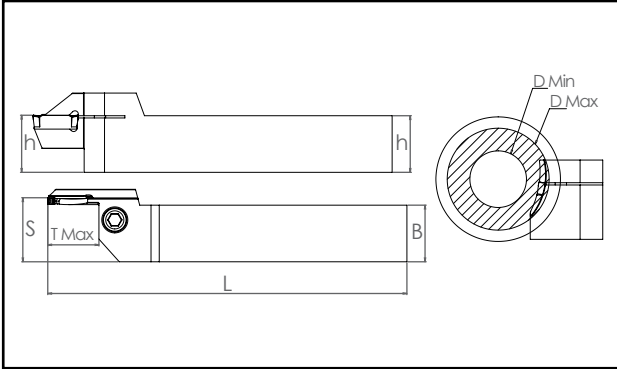


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT A KRLY-MGM	h	B	L	S	t max	øD min	øD max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
											
2525 BDKT A K3C (Ø24x36) t max:17	25	25	150	26.5	17	24	36	MGM 3C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKTV M6x25	-	AA5
2525 BDKT A K3C (Ø36x48) t max:17	25	25	150	26.5	17	36	48				
2525 BDKT A K3C (Ø48x70) t max:17	25	25	150	26.5	17	48	70				
2525 BDKT A K3C (Ø70x110) t max:17	25	25	150	26.5	17	70	110				
2525 BDKT A K3C (Ø100x150) t max:17	25	25	150	26.5	17	100	150				
2525 BDKT A K3C (Ø150x200) t max:17	25	25	150	26.5	17	150	200				
2525 BDKT A K4C (Ø24x36) t max:22	25	25	150	26.5	22	24	36	MGM 4C KRLY UCA UYGUNDUR FOR KRLY INSERT			
2525 BDKT A K4C (Ø36x48) t max:22	25	25	150	26.5	22	36	48				
2525 BDKT A K4C (Ø48x70) t max:22	25	25	150	26.5	22	48	70				
2525 BDKT A K4C (Ø70x110) t max:22	25	25	150	26.5	22	70	110				
2525 BDKT A K4C (Ø100x150) t max:22	25	25	150	26.5	22	100	150				
2525 BDKT A K4C (Ø150x200) t max:22	25	25	150	26.5	22	150	200				
2525 BDKT A K5C (Ø36x48) t max:25	25	25	150	26.5	25	36	48	MGM 5C KRLY UCA UYGUNDUR FOR KRLY INSERT			
2525 BDKT A K5C (Ø48x70) t max:25	25	25	150	26.5	25	48	70				
2525 BDKT A K5C (Ø70x110) t max:25	25	25	150	26.5	25	70	110				
2525 BDKT A K5C (Ø100x150) t max:25	25	25	150	26.5	25	100	150				
2525 BDKT A K5C (Ø150x200) t max:25	25	25	150	26.5	25	150	200				

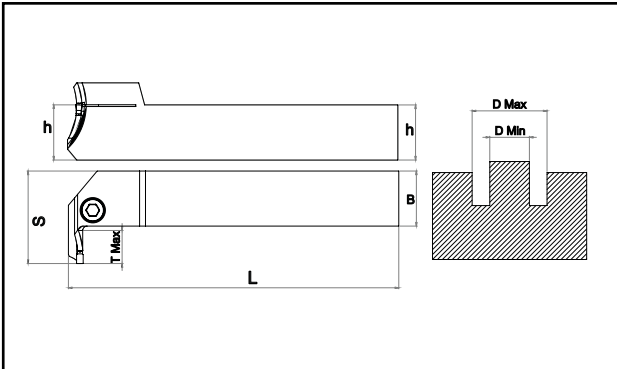


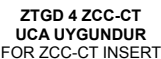
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT A ISCR-GRIP	h	B	L	S	t max	øD min	øD max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
2525 BDKT A I4C (Ø24x36) t max:22	25	25	150	26.5	22	24	36	GRIP 4C ISCR UCA UYGUNDUR FOR ISCR INSERT	BKT M6x25	-	AA5
2525 BDKT A I4C (Ø36x48) t max:22	25	25	150	26.5	22	36	48				
2525 BDKT A I4C (Ø48x70) t max:22	25	25	150	26.5	22	48	70				
2525 BDKT A I4C (Ø70x110) t max:22	25	25	150	26.5	22	70	110				
2525 BDKT A I4C (Ø100x150) t max:22	25	25	150	26.5	22	100	150				
2525 BDKT A I4C (Ø150x200) t max:22	25	25	150	26.5	22	150	200				

DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI Face External Grooving Toolholders

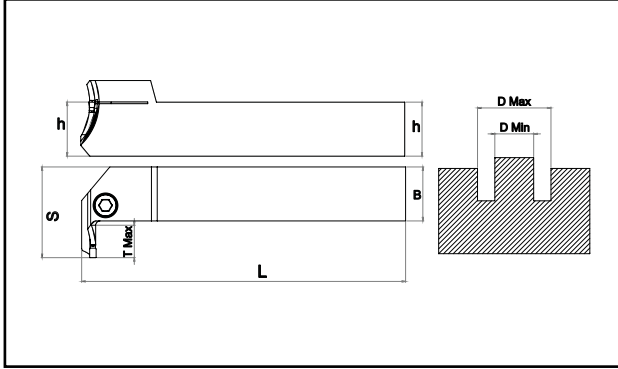


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT A ZCC-CT ZT..	h	B	L	S	t max	øD min	øD max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
											
2525 BDKT A ZT 3C (Ø24X36) t max:17	25	25	150	26.5	17	24	36	ZTFD 3 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	BKTV M6x25	-	AA5
2525 BDKT A ZT 3C (Ø36x48) t max:17	25	25	150	26.5	17	36	48				
2525 BDKT A ZT 3C (Ø48x70) t max:17	25	25	150	26.5	17	48	70				
2525 BDKT A ZT 3C (Ø70x110) t max:17	25	25	150	26.5	17	70	110				
2525 BDKT A ZT 3C (Ø100x150) t max:17	25	25	150	26.5	17	100	150				
2525 BDKT A ZT 3C (Ø150x200) t max:17	25	25	150	26.5	17	150	200				
2525 BDKT A ZT 4C (Ø36x48) t max:22	25	25	150	26.5	22	36	48	ZTGD 4 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT			
2525 BDKT A ZT 4C (Ø48x70) t max:22	25	25	150	26.5	22	48	70				
2525 BDKT A ZT 4C (Ø70x110) t max:22	25	25	150	26.5	22	70	110				
2525 BDKT A ZT 4C (Ø100x150) t max:22	25	25	150	26.5	22	100	150				
2525 BDKT A ZT 4C (Ø150x200) t max:22	25	25	150	26.5	22	150	200				

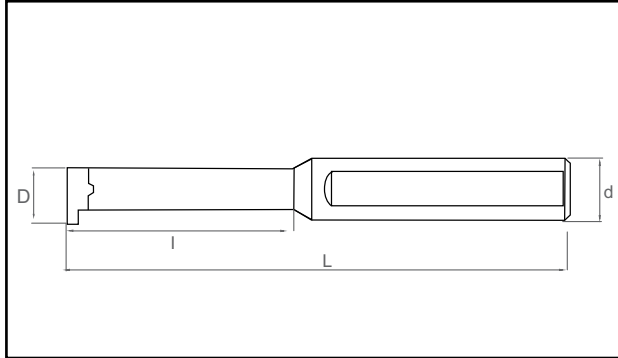


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT LT ZCC-CT ZT..	h	B	L	S	t max	ØD min	ØD max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
	2525 BDKT LT ZT 3C (Ø24X36) t max:17	25	25	150	26.5	17	24		36			
	2525 BDKT LT ZT 3C (Ø36x48) t max:17	25	25	150	26.5	17	36		48			
	2525 BDKT LT ZT 3C (Ø48x70) t max:17	25	25	150	26.5	17	48		70			
	2525 BDKT LT ZT 3C (Ø70x110) t max:17	25	25	150	26.5	17	70		110			
	2525 BDKT LT ZT 3C (Ø100x150) t max:17	25	25	150	26.5	17	100		150			
	2525 BDKT LT ZT 3C (Ø150x200) t max:17	25	25	150	26.5	17	150		200			
2525 BDKT LT ZT 4C (Ø36x48) t max:20	25	25	150	26.5	20	36	48					
2525 BDKT LT ZT 4C (Ø48x70) t max:20	25	25	150	26.5	20	48	70					
2525 BDKT LT ZT 4C (Ø70x110) t max:20	25	25	150	26.5	20	70	110					
2525 BDKT LT ZT 4C (Ø100x150) t max:20	25	25	150	26.5	20	100	150					
2525 BDKT LT ZT 4C (Ø150x200) t max:20	25	25	150	26.5	20	150	200					

DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI Face External Grooving Toolholders



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT LT KRLY-MGM	h	B	L	S	t max	øD min	øD max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
												
	2525 BDKT LT K3C (Ø24X36) t max:17	25	25	150	26.5	17	24	36	MGM 3C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKT M6x25	-	AA5
	2525 BDKT LT K3C (Ø36x48) t max:17	25	25	150	26.5	17	36	48				
	2525 BDKT LT K3C (Ø48x70) t max:17	25	25	150	26.5	17	48	70				
	2525 BDKT LT K3C (Ø70x110) t max:17	25	25	150	26.5	17	70	110				
	2525 BDKT LT K3C (Ø100x150) t max:17	25	25	150	26.5	17	100	150				
2525 BDKT LT K3C (Ø150x200) t max:17	25	25	150	26.5	17	150	200					
2525 BDKT LT K4C (Ø36x48) t max:20	25	25	150	26.5	20	36	48	MGM 4C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKT M6x25	-	AA5	
2525 BDKT LT K4C (Ø48x70) t max:20	25	25	150	26.5	20	48	70					
2525 BDKT LT K4C (Ø70x110) t max:20	25	25	150	26.5	20	70	110					
2525 BDKT LT K4C (Ø100x150) t max:20	25	25	150	26.5	20	100	150					
2525 BDKT LT K4C (Ø150x200) t max:20	25	25	150	26.5	20	150	200					



KOD CODE	ÖLÇÜLER DIMENSION (mm)			KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
BIKT KRLY NFTG08-11-14	D	L	I		Sıkma Vidası Clamp Screw	Anahtar Torx Key
BIKT NF08 A12 L120 I20	12	120	13		SSV M2.5x7	T08
BIKT NF11 A16 L120 I25	16	120	25		SSV M3.5x11	T15
BIKT NF14 A16 L120 I30	16	120	30			

Teknoloji profesyonellikle birleŖti
Technology combined with professionalism

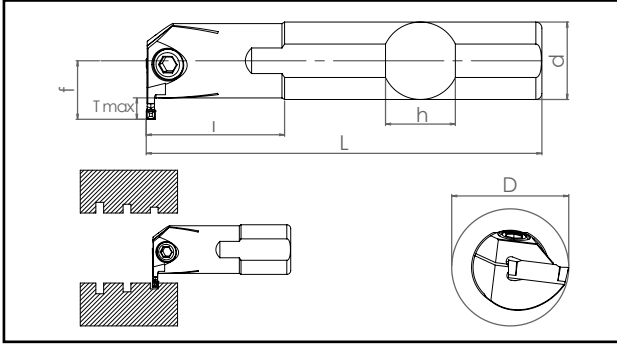
www.smoxh.com.tr

DELİK İÇİ KANAL AÇMA TAKIMLARI

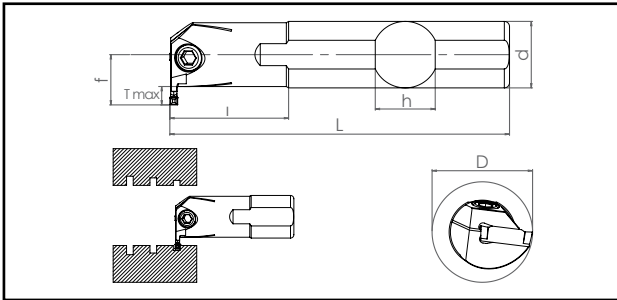
Internal Grooving Toolholders



DELİK İÇİ KANAL AÇMA TAKIMLARI Internal Grooving Toolholders



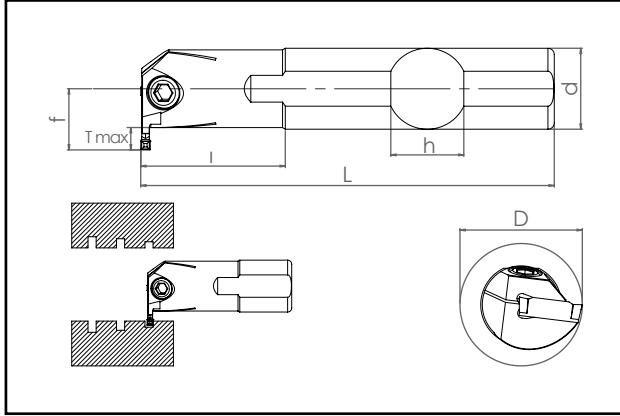
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L KRLY-MGM	d	D	L	l	h	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
BIKT R/L 16-K2C t max:4	16	20	150	33	15	11.5	4	MGM 2C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKTV M4x12	-	AA4
BIKT R/L 20-K2C t max:4	20	26	170	33	18	14.5	4				
BIKT R/L 25-K2C t max:4	25	32	200	45	23	18.5	4	MGM 3C KRLY UCA UYGUNDUR FOR KRLY INSERT			
BIKT R/L 20-K3C t max:6	20	26	170	33	18	15	6				
BIKT R/L 25-K3C t max:6	25	32	200	45	23	18.5	6				
BIKT R/L 32-K3C t max:8	32	40	250	49	30	22	8	MGM 4C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKTV M6x25		AA5
BIKT R/L 40-K3C t max:8	40	48	300	54	37	27	8				
BIKT R/L 20-K4C t max:6	20	26	170	33	18	14	6				
BIKT R/L 25-K4C t max:6	25	32	200	45	23	18.5	6				
BIKT R/L 32-K4C t max:6	32	40	250	49	30	22	6	MGM 5C KRLY UCA UYGUNDUR FOR KRLY INSERT			
BIKT R/L 40-K4C t max:6	40	48	300	54	37	27	6				
BIKT R/L 50-K4C t max:15	50	65	300	50	47	40	15	MGM 6C KRLY UCA UYGUNDUR FOR KRLY INSERT		BKTV M8x30	
BIKT R/L 25-K5C t max:6	25	32	200	45	23	18.5	7				
BIKT R/L 32-K5C t max:7	32	40	250	49	30	22	7	MGM 8C KRLY UCA UYGUNDUR FOR KRLY INSERT			
BIKT R/L 40-K5C t max:7	40	48	300	54	37	27	7				
BIKT R/L 50-K5C t max:15	50	65	300	50	47	40	15				
BIKT R/L 50-K6C t max:15	50	65	300	50	47	40	15				AA6
BIKT R/L 50-K8C t max:15	50	65	300	50	47	40	15				



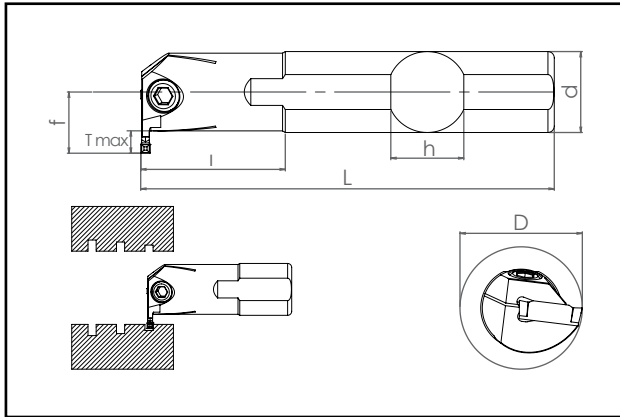
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L KRLY-KGM	d	D	L	l	h	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
BIKT R/L 20-KG-2C t max:4	20	26	170	33	18	15	7	KGM 2C KRLY UCA UYGUNDUR FOR KRLY INSERT		BKTV M6x25	-
BIKT R/L 25-KG-2C t max:7	16	26	200	42	23	18.5	7				
BIKT R/L 25-KG-3C t max:7	20	26	200	42	23	18.5	7	KGM 3C KRLY UCA UYGUNDUR FOR KRLY INSERT			
BIKT R/L 32-KG-3C t max:8	32	40	250	49	30	22	8				
BIKT R/L 25-KG-4C t max:8	25	32	200	42	23	18	8	KGM 4C KRLY UCA UYGUNDUR FOR KRLY INSERT			
BIKT R/L 32-KG-4C t max:8	32	40	250	49	30	22	8				

DELİK İÇİ KANAL AÇMA TAKIMLARI

Internal Grooving Toolholders

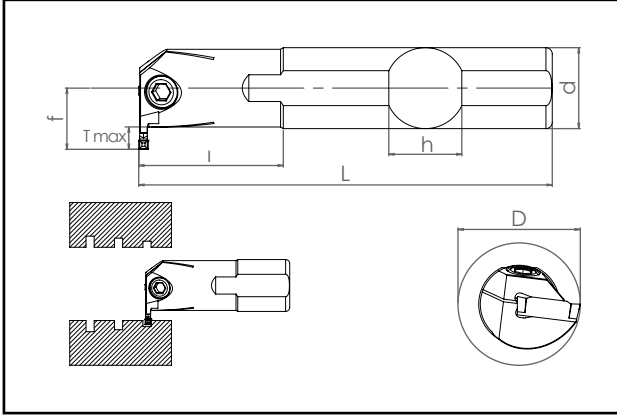


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS								
BIKT R/L HORN-S229	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key						
																	
BIKT R/L 25-H3C (S229) t max:7	25	32	200	43	23	18.9	7	S229.03 HORN UCA UYGUNDUR FOR HORN INSERT									
BIKT R/L 32-H3C (S229) t max:7	32	40	250	65	30	21.5	7										
BIKT R/L 40-H3C (S229) t max:7	40	48	300	50	37	26.5	7										
BIKT R/L 25-H4C (S229) t max:7	25	31	200	40	23	18.9	7	S229.04 HORN UCA UYGUNDUR FOR HORN INSERT				BKTV M6x25	-	AA5			
BIKT R/L 32-H4C (S229) t max:7	32	37	250	65	30	21.5	7										
BIKT R/L 40-H4C (S229) t max:7	40	40	300	50	37	26.5	7										
BIKT R/L 25-H5C (S229) t max:7	25	32	200	45	23	18.9	7	S229.05 HORN UCA UYGUNDUR FOR HORN INSERT									
BIKT R/L 32-H5C (S229) t max:7	32	40	250	50	30	21.5	7										
BIKT R/L 40-H5C (S229) t max:7	40	50	300	70	37	26.5	7										

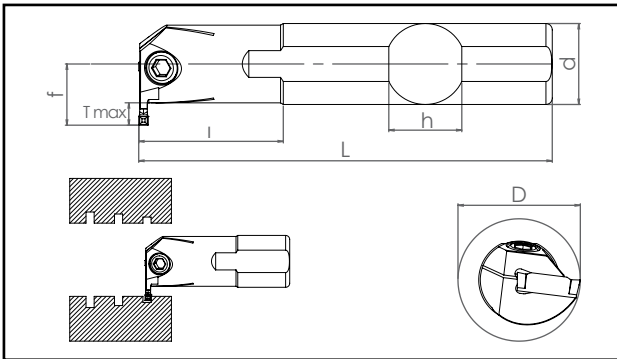


KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L K.HORN-S224	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
												
	BIKT R/L 20-HK2C (S224) t max:6								S224.02 HORN UCA UYGUNDUR FOR HORN INSERT	BKTV M6x25	-	AA5
	BIKT R/L 25-HK2C (S224) t max:6											
	BIKT R/L 20-HK3C (S224) t max:6								S224.03 HORN UCA UYGUNDUR FOR HORN INSERT			
	BIKT R/L 25-HK3C (S224) t max:6											
	BIKT R/L 32-HK3C (S224) t max:6								S224.04 HORN UCA UYGUNDUR FOR HORN INSERT			
	BIKT R/L 20-HK4C (S224) t max:6											
	BIKT R/L 25-HK4C (S224) t max:6											
BIKT R/L 32-HK4C (S224) t max:6												

DELİK İÇİ KANAL AÇMA TAKIMLARI Internal Grooving Toolholders



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L ZCC-2	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
BIKT R/L 20-ZCC2-2C t max:5	20	26	170	32	18	15	5	ZTDB 2 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERTS	BKTV M5x12		AA4
BIKT R/L 20-ZCC2-3C t max:5	20	26	170	32	18	15	5	ZTFD 3 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERTS			
BIKT R/L 25-ZCC2-3C t max:5	25	32	200	42	23	18	5				
BIKT R/L 32-ZCC2-3C t max:6	32	40	250	42	30	22	6	ZTGD 4 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERTS	BKTV M6x25		AA5
BIKT R/L 25-ZCC2-4C t max:6	25	32	200	42	23	18	6				
BIKT R/L 32-ZCC2-4C t max:7	32	40	250	42	30	22	7				
BIKT R/L 32-ZCC2-5C t max:8	32	40	250	42	30	22	8	ZTHD 5 ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERTS			
BIKT R/L 40-ZCC2-4C t max:8	40	48	300	53	37	27	8				
BIKT R/L 40-ZCC2-5C t max:8	40	48	300	53	37	27	8				



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L GRIP / DGN	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
BIKT R/L 16-IG-3C t max:6	16	26	170	32	18	15	6	GRIP 3C ISCR UCA UYGUNDUR FOR ISCR INSERT	BKTV M4x10		AA4
BIKT R/L 20-ID-3C t max:6	20	26	170	32	18	15	6	DGN 3C ISCR UCA UYGUNDUR FOR ISCR INSERT			
BIKT R/L 25-ID-3C t max:8	25	32	200	42	23	18	8				
BIKT R/L 32-ID-3C t max:8	32	40	250	42	30	22	8				
BIKT R/L 25-IG-4C t max:9	25	32	200	42	23	18	9	GRIP 4C ISCR UCA UYGUNDUR FOR ISCR INSERT	BKTV M6x25		AA5
BIKT R/L 32-IG-4C t max:11	32	40	250	42	30	22	11				

Teknoloji profesyonellikle birleŖti
Technology combined with professionalism

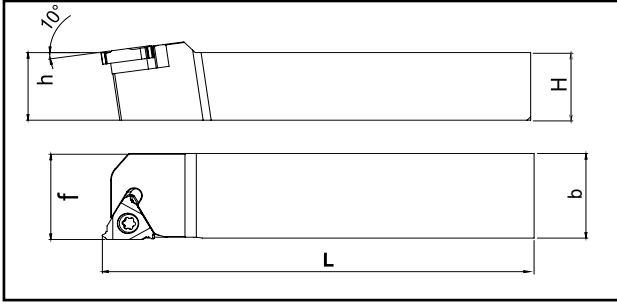
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DIŖ ve İÇ ÇAP DIŖ AÇMA TAKIMLARI External and Internal Threading Toolholders

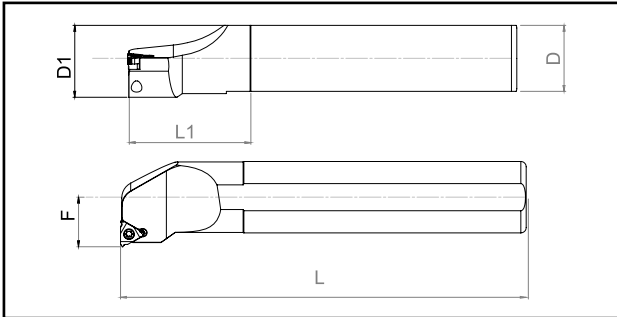


DIŞ ve İÇ ÇAP DIŞ AÇMA TAKIMLARI

External and Internal Threading Toolholders



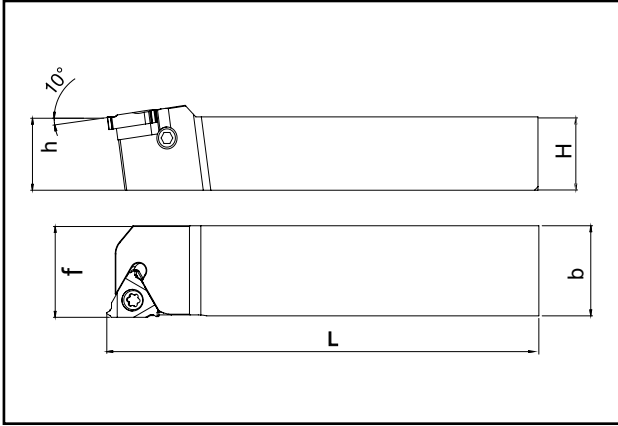
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SER/L DIŞ TAKIMLARI	H=h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
									
SER/L 0808 E11	08	08	70	11	11 ER/EL ISO	SSV M2.5x7	-	-	T08
SER/L 1010 E11	10	10	70	11					
SER/L 1212 F11	12	12	80	12					
SER/L 1616 H11	16	16	100	16	16 ER/EL ISO	SSV M3.5x14	BAX ER/L-16	SBVA M5.05 A3.5	T15
SER/L 1616 H16	16	16	100	16					
SER/L 2020 K16	20	20	125	20					
SER/L 2525 M16	25	25	150	25	22 ER/EL ISO	SSV M4x16	BAX ER/L-22	SBVA M6.75 A4x11	T15
SER/L 3232 P16	32	32	170	32					
SER/L 2525 M22	25	25	150	25					
SER/L 3232 P22	32	32	170	32					
SER/L 4040 S22	40	40	250	40					



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SIR/L İÇ DİŞ KATERİ	D	D1	L	L1	F	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Allen Key
											
S16X07M SIR/L-08	16	7	150	18	5.3	7.8	08 IR/L ISO	SSV M2.2x6	-	-	T07
S10K SIR/L-11	10	10	125	-	7.4	12	11 IR/L ISO	SSV M2.5x7			T08
S12K SIR/L-11	12	12	125	-	8.4	16					
S16X10M SIR/L-11	16	10	150	25	7.4	12					
S16x13M SIR/L-11	16	13	150	32	8.9	15					
S16x13M SIR/L-16	16	16	150	32	10.2	16	16 IR/L ISO	SSV M3.5x11	-	-	T15
S16M SIR/L-16	16	13	150	-	11.7	19					
S20x16P SIR/L-16	20	16	170	40	11.7	19					
S20P SIR/L-16	20	20	170	-	13.7	24					
S25R SIR/L-16	25	25	200	-	16.2	29					
S32S SIR/L-16	32	32	250	-	19.7	36	SSV M3.5x14	BAX IR/L 16	SBVA M5.05 A3.5	T15	
S40T SIR/L-16	40	40	300	-	23.7	44					
S20P SIR/L-22	20	20	170	-	14	24	22 IR/L ISO	SSV M4x11	BAX IR/L-22	SBVA M6.75 A4x11	T15
S25R SIR/L-22	25	25	200	-	18.1	29					
S32S SIR/L-22	32	32	250	-	21.6	38					
S40T SIR/L-22	40	40	300	-	25.6	46					

DIŞ ve İÇ ÇAP DIŞ AÇMA TAKIMLARI

External and Internal Threading Toolholders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
TER/L DIŞ TAKIMLARI	H=h	B	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
									
TER/L 1616 H16	16	16	100	16	16 ER/EL ISO	SSV M3.5x14	BAX TER/L-16	TASV1	T15
TER/L 2020 K16	20	20	125	20					
TER/L 2525 M16	25	25	150	25					
TER/L 3232 P16	32	32	170	32					
TER/L 2525 M22	25	25	150	25	22 ER/EL ISO	SSV M4x16	BAX TER/L-22	TASV2	T15
TER/L 3232 P22	32	32	170	32					
TER/L 4040 S22	40	40	250	40					

Teknoloji profesyonellikle birleŖti
Technology combined with professionalism

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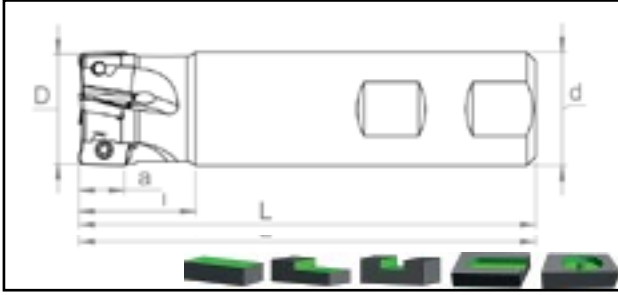
DEĐIŐKEN UCLU FREZELER

End Mills with changeable insert



DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert

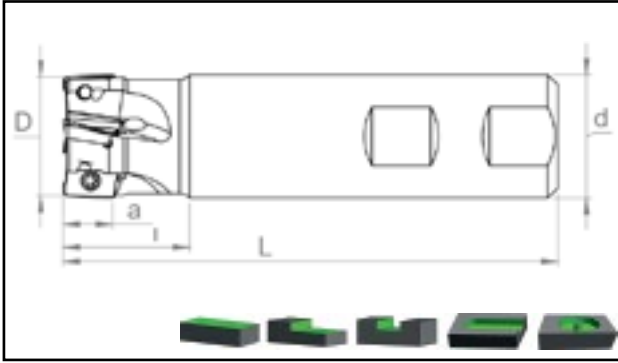


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AP.. 1003..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
ST90° AP10 D12 W12 L120 Z01	12	12	1	120	30	10	AP.. 1003. ISO UCA UYGUNDUR FOR ISO INSERT		
ST90° AP10 D12 W16 L120 Z01	12	16	1	120	30	10			
ST90° AP10 D14 W16 L120 Z01	14	16	1	120	30	10			
ST90° AP10 D16 W16 L120 Z02	16	16	2	120	30	10			
ST90° AP10 D16 W16 L120 Z02-H	16	16	2	120	30	10			
ST90° AP10 D18 W16 L120 Z02	18	16	2	120	30	10			
ST90° AP10 D20 W20 L120 Z03	20	20	3	120	30	10			
ST90° AP10 D20 W20 L120 Z03-H	20	20	3	120	30	10			
ST90° AP10 D22 W20 L120 Z03	22	20	3	120	30	10			
ST90° AP10 D23 W20 L120 Z03	23	20	3	120	30	10			
ST90° AP10 D24 W20 L120 Z03	24	20	3	120	30	10			
ST90° AP10 D25 W25 L120 Z03	25	25	3	120	30	10			
ST90° AP10 D25 W25 L120 Z03-H	25	25	3	120	30	10			
ST90° AP10 D26 W25 L120 Z03-H	26	25	3	120	30	10			
ST90° AP10 D30 W25 L120 Z04	30	25	4	120	30	10			
ST90° AP10 D32 W25 L120 Z04	32	25	4	120	40	10			
ST90° AP10 D32 W32 L120 Z04	32	32	4	120	30	10			
ST90° AP10 D32 W32 L120 Z04-H	32	32	4	120	30	10			
ST90° AP10 D35 W32 L120 Z05	35	32	5	120	30	10			
ST90° AP10 D40 W32 L120 Z05	40	32	5	120	30	10			
ST90° AP10 D16 W16 L150 Z02	16	16	2	150	40	10			
ST90° AP10 D16 W16 L150 Z02-H	16	16	2	150	40	10			
ST90° AP10 D17 W16 L150 Z02	17	16	2	150	40	10			
ST90° AP10 D18 W16 L150 Z02	18	16	2	150	40	10			
ST90° AP10 D20 W20 L150 Z03	20	20	3	150	40	10			
ST90° AP10 D20 W20 L150 Z03-H	20	20	3	150	40	10			
ST90° AP10 D21 W20 L150 Z03	21	20	3	150	40	10			
ST90° AP10 D22 W20 L150 Z03	22	20	3	150	40	10			
ST90° AP10 D24 W20 L150 Z03	24	20	3	150	40	10			
ST90° AP10 D25 W25 L150 Z03	25	25	3	150	40	10			
ST90° AP10 D25 W25 L150 Z03-H	25	25	3	150	40	10			
ST90° AP10 D26 W25 L150 Z03	26	25	3	150	40	10			
ST90° AP10 D30 W25 L150 Z04	30	25	4	150	40	10			
ST90° AP10 D32 W25 L150 Z04	32	25	4	150	40	10			
ST90° AP10 D32 W32 L150 Z04	32	32	4	150	40	10			
ST90° AP10 D40 W32 L150 Z05	40	32	5	150	40	10			
ST90° AP10 D16 C16 L200 Z02-H	16	16	2	200	50	10			
ST90° AP10 D17 C16 L200 Z02	17	16	2	200	50	10			
ST90° AP10 D18 C16 L200 Z02-H	18	16	2	200	50	10			
ST90° AP10 D20 C20 L200 Z03-H	20	20	3	200	50	10			
ST90° AP10 D21 C20 L200 Z03	21	20	3	200	50	10			
ST90° AP10 D22 C20 L200 Z03	22	20	3	200	50	10			
ST90° AP10 D24 C20 L200 Z03	24	20	3	200	50	10			
ST90° AP10 D25 C25 L200 Z03	25	25	3	200	50	10			
ST90° AP10 D26 C25 L200 Z03	26	25	3	200	50	10			
ST90° AP10 D25 C25 L250 Z03	25	25	3	250	70	10			
ST90° AP10 D32 C32 L300 Z04	32	32	4	300	70	10			

H-İÇTEN SU VERMELİ / H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

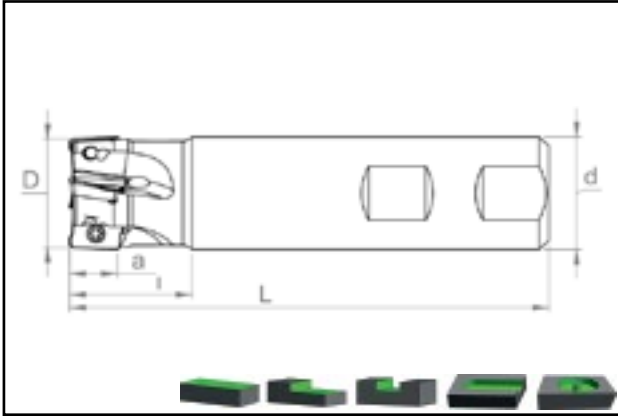
End Mills with changeable insert



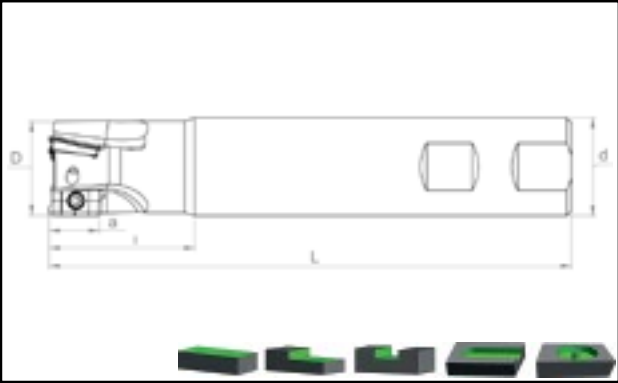
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
								Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° APMT 0602 / 11T3..	D	d	Z	L	I	a			
ST90° AP06 D10 C10 L120 Z02	10	10	2	120	20	6	APMT 11T3. KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08
ST90° AP06 D12 C12 L120 Z02	12	12	2	120	25	6			
ST90° AP11 D16 W16 L120 Z02	16	16	2	120	30	11			
ST90° AP11 D20 W20 L120 Z03	20	20	3	120	30	11			
ST90° AP11 D25 W25 L120 Z03	25	25	3	120	30	11			
ST90° AP11 D26 W25 L120 Z03	26	25	3	120	30	11			
ST90° AP11 D32 W32 L120 Z04	32	32	4	120	30	11			
ST90° AP11 D16 W16 L150 Z02	16	16	2	150	40	11			
ST90° AP11 D20 W20 L150 Z03	20	20	3	150	40	11			
ST90° AP11 D25 W25 L150 Z03	25	25	3	150	40	11			
ST90° AP11 D26 W25 L150 Z03	26	25	3	150	40	11			
ST90° AP11 D32 W32 L150 Z04	32	32	4	150	40	11			
ST90° AP11 D16 C16 L200 Z02	16	16	2	200	50	11			
ST90° AP11 D20 C20 L200 Z03	20	20	3	200	50	11			
ST90° AP11 D25 C25 L200 Z03	25	25	3	200	50	11			
ST90° AP11 D26 C26 L200 Z03	26	25	3	200	50	11			
ST90° AP11 D32 C32 L200 Z04	32	32	4	200	50	11			
ST90° APKT 1003..	D	d	Z	L	I	a			
ST90° AP1003 D16 W16 L150 Z02	16	16	2	150	40	10	APKT 1003.. PALBIT UCA UYGUNDUR FOR PALBIT INSERT	SSV M2.5x7	T08
ST90° AP1003 D20 W20 L150 Z03	20	20	3	150	40	10			
ST90° AP1003 D25 W25 L150 Z03	25	25	3	150	40	10			
ST90° AP1003 D20 C20 L200 Z02	20	20	2	200	50	10			
ST90° AP1003 D25 C25 L200 Z03	25	25	3	200	50	10			
ST90° APKT 1204..	D	d	Z	L	I	a			
ST90° AP12 D20 W20 L150 Z02	20	20	2	150	40	12	APKT 1204.. TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3x9	T08
ST90° AP12 D21 W20 L150 Z02	21	20	2	150	40	12			
ST90° AP12 D25 W25 L150 Z03	25	25	3	150	40	12			
ST90° AP12 D32 W32 L150 Z04	32	32	4	150	40	12			
ST90° AP12 D21 C20 L200 Z02	21	20	2	200	50	12			
ST90° AP12 D26 C25 L200 Z03	26	25	3	200	50	12			

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° APKT 09T3..	D	d	Z	L	I	a	 APKT 09T3. TGTC UCA UYGUNDUR FOR TGTC INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	16	2	150	40	9			
	20	20	3	150	40	9		SSV M2.5x7	T08
	16	16	2	200	50	9			
	20	20	3	200	50	9			



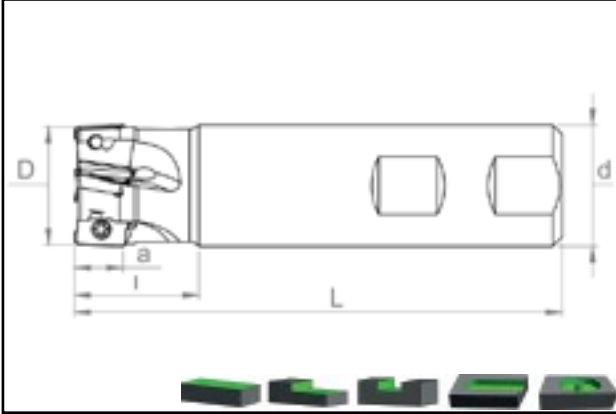
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ST90° R390 11T3 / 1704..	D	d	Z	L	I	a	 R390.11T3.. SDVK UCA UYGUNDUR FOR SDVK INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	16	2	100	30	11			
	20	20	3	100	30	11			
	25	25	3	100	35	11			
	16	16	2	150	50	11			
	16	16	2	150	50	11			
	20	20	3	150	50	11			
	20	20	3	150	50	11			
	25	25	3	150	50	11			
	25	25	3	150	50	11			

ST90° R390.17 D25 W25 L150 Z02	25	25	2	150	50	17	R390.1704. SDVK UCA UYGUNDUR FOR SDVK INSERT	SSV M3.5x11	T15
ST90° R390.17 D25 W25 L150 Z02-H	25	25	2	150	50	17			
ST90° R390.17 D30 W25 L150 Z03	30	25	3	150	50	17			
ST90° R390.17 D30 W25 L150 Z03-H	30	25	3	150	50	17			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert

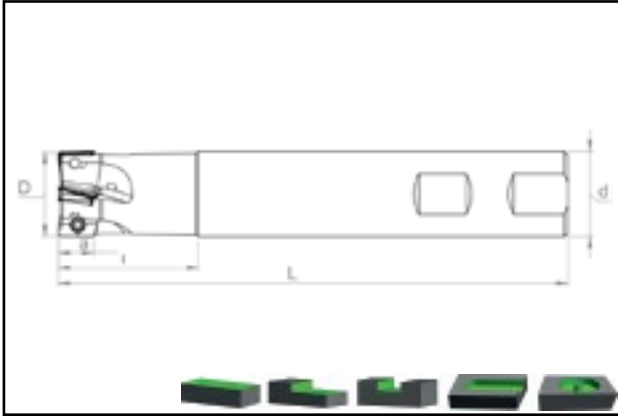


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AP.. 1604 / 1705..	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90° AP16 D25 W25 L120 Z02	25	25	2	120	40	16	AP.. 1604.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
ST90° AP16 D26 W25 L120 Z02	26	25	2	120	40	16			
ST90° AP16 D28 W25 L120 Z02	28	25	2	120	40	16			
ST90° AP16 D30 W25 L120 Z03	30	25	3	120	40	16			
ST90° AP16 D32 W25 L120 Z03	32	25	3	120	40	16			
ST90° AP16 D32 W32 L120 Z03	32	32	3	120	40	16			
ST90° AP16 D34 W32 L120 Z03	34	32	3	120	40	16			
ST90° AP16 D35 W32 L120 Z03	35	32	3	120	40	16			
ST90° AP16 D36 W32 L120 Z03	36	32	3	120	40	16			
ST90° AP16 D38 W32 L120 Z04	38	32	4	120	40	16			
ST90° AP16 D40 W32 L120 Z04	40	32	4	120	40	16			
ST90° AP16 D25 W25 L150 Z02	25	25	2	150	50	16			
ST90° AP16 D26 W25 L150 Z02	26	25	2	150	50	16			
ST90° AP16 D28 W25 L150 Z02	28	25	2	150	50	16			
ST90° AP16 D30 W25 L150 Z03	30	25	3	150	50	16			
ST90° AP16 D32 W32 L150 Z03	32	32	3	150	50	16			
ST90° AP16 D32 W25 L150 Z03	32	25	3	150	50	16			
ST90° AP16 D34 W32 L150 Z03	34	32	3	150	50	16			
ST90° AP16 D35 W32 L150 Z03	35	32	3	150	50	16			
ST90° AP16 D40 W25 L150 Z04	40	25	4	150	50	16			
ST90° AP16 D40 W32 L150 Z04	40	32	4	150	50	16			
ST90° AP16 D25 C25 L200 Z02	25	25	2	200	50	16			
ST90° AP16 D26 C25 L200 Z02	26	25	2	200	50	16			
ST90° AP16 D28 C25 L200 Z03	28	25	3	200	50	16			
ST90° AP16 D30 C25 L200 Z03	30	25	3	200	50	16			
ST90° AP16 D32 C32 L200 Z03	32	32	3	200	50	16			
ST90° AP16 D34 C32 L200 Z03	34	32	3	200	50	16			
ST90° AP16 D35 C32 L200 Z03	35	32	3	200	50	16			
ST90° AP16 D40 C32 L200 Z04	40	32	4	200	50	16			
ST90° AP16 D25 W25 L250 Z02	25	25	2	250	100	16			
ST90° AP16 D32 W32 L250 Z03	32	32	3	250	100	16			
ST90° AP16 D32 W32 L300 Z03	32	32	3	300	100	16			

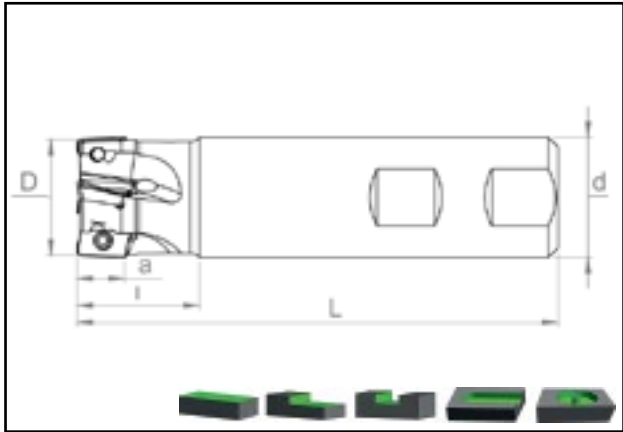
ST90° AP17 D25 W25 L120 Z02	25	25	2	120	40	17	APKT 1705.. TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M4x11	T15
ST90° AP17 D32 W32 L150 Z03	32	32	3	150	40	17			
ST90° AP17 D26 C25 L200 Z02	26	25	2	200	50	17			
ST90° AP17 D26 C25 L250 Z02	26	25	2	250	50	17			
ST90° AP17 D30 C25 L300 Z02	30	25	2	300	50	17			

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AD.T 0803 / 10T3 / 1204..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° AD08 D16 W16 L150 Z02-H	16	16	2	150	40	8	ADMT 0803.. WLTR UCA UYGUNDUR FOR WLTR INSERT	SSV M2.5x7	T08
ST90° AD08 D20 W20 L150 Z03-H	20	20	3	150	40	8			
ST90° AD08 D25 W25 L150 Z04-H	25	25	4	150	40	8			
ST90° AD08 D16 C16 L200 Z02	16	16	2	200	50	8			
ST90° AD08 D20 C20 L200 Z03	20	20	3	200	50	8	ADMT 10T3.. WLTR UCA UYGUNDUR FOR WLTR INSERT	SSV M2.5x7	T08
ST90° AD10 D16 W16 L150 Z02-H	16	16	2	150	40	10			
ST90° AD10 D20 W20 L150 Z03-H	20	20	3	150	40	10			
ST90° AD10 D25 W25 L150 Z04-H	25	25	4	150	40	10	ADKT 1204.. WLTR UCA UYGUNDUR FOR WLTR INSERT	SSV M3x9	T08
ST90° AD12 D20 W20 L150 Z02	20	20	2	150	40	12			
ST90° AD12 D25 W25 L150 Z02	25	25	2	150	40	12			
ST90° AD12 D30 W25 L150 Z03	30	25	3	150	40	12			
ST90° AD12 D32 W32 L150 Z03	32	32	3	150	40	12			

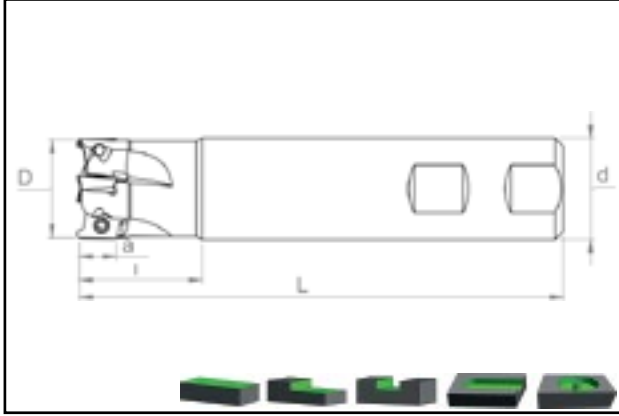


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° ADKT 1505..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° AD15 D25 W25 L120 Z02	25	25	2	120	40	14.3	ADKT 1505.. ISCR UCA UYGUNDUR FOR ISCR INSERT	SSV M4x11	T15
ST90° AD15 D32 W32 L120 Z03	32	32	3	120	40	14.3			
ST90° AD15 D25 W25 L150 Z02	25	25	2	150	50	14.3			
ST90° AD15 D30 W25 L150 Z03	32	25	3	150	50	14.3			
ST90° AD15 D32 W32 L150 Z03	32	32	3	150	50	14.3			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° RT 0702 / 1003 / 1606	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	10	10	2	120	30	7			
	12	12	2	120	30	7		SSV M2x4	T06
	12	12	2	120	30	7			
	14	12	2	120	30	7			

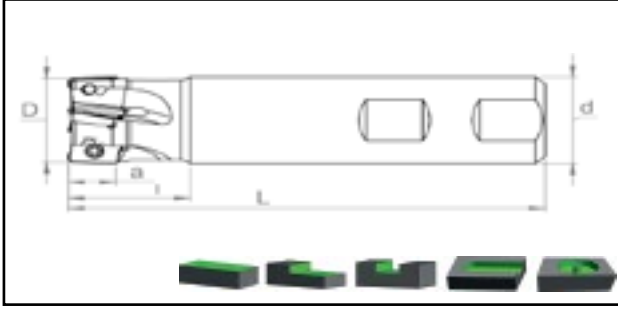
ST90° RT10 D16 W16 L120 Z02	16	16	2	120	30	10	RT 1003 SAFETY UCA UYGUNDUR FOR SAFETY INSERT	SSV M2.5x7	T08
ST90° RT10 D18 W16 L120 Z02	18	16	2	120	30	10			
ST90° RT10 D20 W20 L120 Z03	20	20	3	120	30	10			
ST90° RT10 D22 W20 L120 Z03	22	20	3	120	30	10			
ST90° RT10 D25 W25 L120 Z04	25	25	4	120	40	10			
ST90° RT10 D32 W32 L120 Z05	32	32	5	120	50	10			
ST90° RT10 D16 W16 L150 Z02	16	16	2	150	50	10			
ST90° RT10 D17 W16 L150 Z02	17	16	2	150	30	10			
ST90° RT10 D20 W20 L150 Z03	20	20	3	150	50	10			
ST90° RT10 D22 C20 L150 Z03	22	20	3	150	50	10			
ST90° RT10 D25 W25 L150 Z04	25	25	4	150	50	10			
ST90° RT10 D32 W32 L150 Z05	32	32	5	150	50	10			
ST90° RT10 D16 C16 L200 Z02	16	16	2	200	100	10			
ST90° RT10 D20 C20 L200 Z03	20	20	3	200	100	10			
ST90° RT10 D22 C20 L200 Z03	22	20	3	200	100	10			
ST90° RT10 D25 C25 L200 Z04	25	25	4	200	100	10			
ST90° RT10 D32 C32 L200 Z05	32	32	5	200	100	10			

ST90° RT16 D25 W25 L120 Z02	25	25	2	120	40	16	RT 1606 SAFETY UCA UYGUNDUR FOR SAFETY INSERT	SSV M4x11	T15
ST90° RT16 D32 W32 L120 Z03	32	32	3	120	50	16			
ST90° RT16 D40 W32 L120 Z04	40	32	4	120	50	16			
ST90° RT16 D25 W25 L150 Z02	25	25	2	150	50	16			
ST90° RT16 D32 W32 L150 Z03	32	32	3	150	50	16			
ST90° RT16 D40 W32 L150 Z04	40	32	4	150	50	16			
ST90° RT16 D25 C25 L200 Z02	32	25	2	200	50	16			
ST90° RT16 D32 C32 L200 Z03	32	32	3	200	50	16			
ST90° RT16 D40 C32 L200 Z04	40	32	4	200	50	16			
ST90° RT16 D32 C32 L250 Z03	32	32	3	250	50	16			

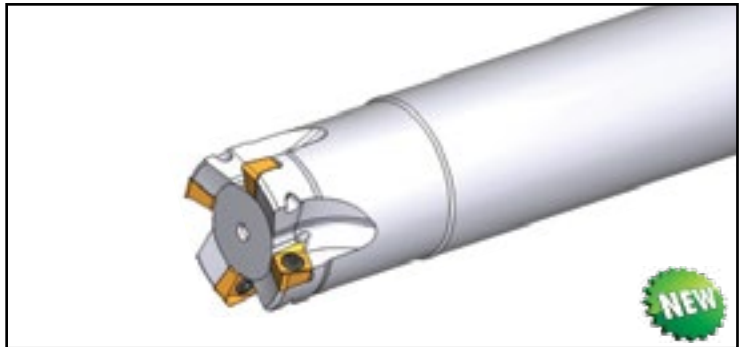
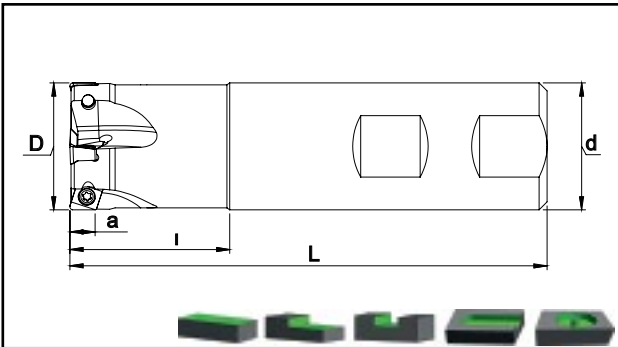
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AXMT 1235 / 1705..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90° AX12 D16 W16 L120 Z02	16	16	2	120	30	10	AXMT 1235.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M3x9	T08
ST90° AX12 D20 W20 L120 Z03	20	20	3	120	40	10			
ST90° AX12 D20 W20 L120 Z03-H	20	20	3	120	40	10			
ST90° AX12 D25 W20 L120 Z04	25	20	4	120	30	10			
ST90° AX12 D25 W25 L120 Z04	25	25	4	120	30	10			
ST90° AX12 D16 W16 L150 Z02	16	16	2	150	30	10			
ST90° AX12 D20 W20 L150 Z03	20	20	3	150	40	10			
ST90° AX12 D20 W20 L150 Z03-H	20	20	3	150	40	10			
ST90° AX12 D25 W25 L150 Z03	25	25	3	150	50	10			
ST90° AX12 D16 C16 L200 Z02	16	16	2	200	50	10			
ST90° AX12 D25 C25 L200 Z03	25	25	3	200	50	10	AXMT 1705.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M4x11	T15
ST90° AX17 D32 W32 L120 Z03	32	32	3	120	40	14			
ST90° AX17 D32 W32 L120 Z03-H	32	32	3	120	40	14			
ST90° AX17 D25 W25 L150 Z02	25	25	2	150	50	14			
ST90° AX17 D32 W32 L150 Z03	32	32	3	150	50	14			
ST90° AX17 D40 W32 L150 Z04	40	32	4	150	40	14			
ST90° AX17 D32 C32 L200 Z03	32	32	3	200	40	14			
ST90° AX17 D40 C32 L200 Z04	40	32	4	200	40	14			
ST90° AX17 D32 C32 L250 Z03	32	32	3	250	50	14			

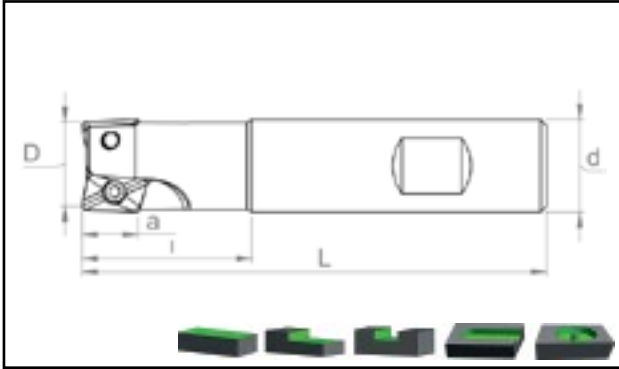


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° 4NKT 0603..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90° 4N06 D16 W16 L120 Z02-H	16	16	2	120	25	6	4NKT 0603 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3x9	T08
ST90° 4N06 D20 W20 L120 Z02-H	16	16	2	120	30	6			
ST90° 4N06 D16 W16 L150 Z02	12	12	2	120	30	6			
ST90° 4N06 D20 W20 L150 Z02	20	20	2	120	30	6			
ST90° 4N06 D25 W25 L150 Z03	16	16	3	150	40	6			
ST90° 4N06 D32 W32 L150 Z04	20	20	4	150	40	6			

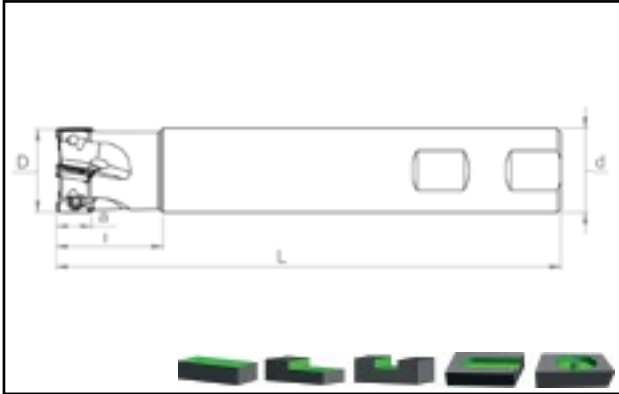
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° XOMX 0602 / 10T3 / 1204..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90° XO06 D10 C16 L120 Z02	10	10	2	120	30	5.5	XOMX 10T3.. SECO UCA UYGUNDUR FOR SECO INSERT	SSV M2.5x7	T08
ST90° XO06 D12 C12 L120 Z02	12	12	2	120	30	5.5			
ST90° XO10 D16 W16 L120 Z02	16	16	2	120	30	9			
ST90° XO10 D16 W16 L120 Z02-H	16	16	2	120	30	9			
ST90° XO10 D20 W20 L120 Z03	20	20	3	120	30	9			
ST90° XO10 D20 W20 L120 Z03-H	20	20	3	120	30	9			
ST90° XO10 D16 W16 L150 Z02-H	16	16	2	150	40	9	XOMX 1204.. SECO UCA UYGUNDUR FOR SECO INSERT	SC-SSV M3.5x7	T10
ST90° XO10 D20 W20 L150 Z03-H	20	20	3	150	40	9			
ST90° XO10 D20 C20 L200 Z03	20	20	3	200	40	9			
ST90° XO12 D20 W20 L120 Z02-H	20	20	2	120	30	11			
ST90° XO12 D20 W20 L150 Z02-H	20	20	2	150	40	11			
ST90° XO12 D25 W25 L150 Z03-H	25	25	3	150	40	11			
ST90° XO12 D32 W32 L150 Z04-H	32	32	4	150	40	11			
ST90° XO12 D20 C20 L200 Z02	20	20	2	200	40	11			
ST90° XO12 D25 C25 L200 Z03	25	25	3	200	40	11			
ST90° XO12 D32 C32 L200 Z04	32	32	4	200	40	11			

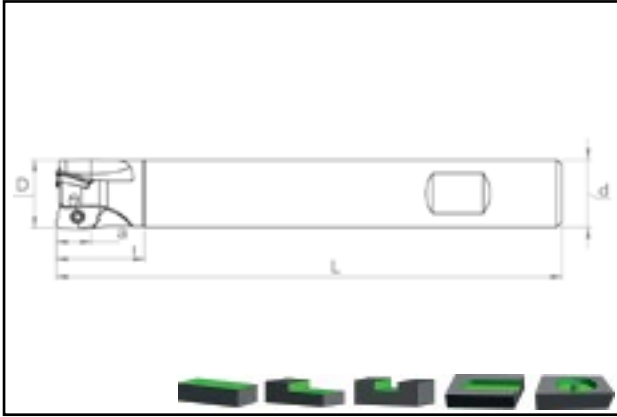


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AOMT 1236..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90° AO12 D16 W16 L150 Z02-H	16	16	2	150	40	12	AOMT 1236.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT	SSV M2.5x7	T08
ST90° AO12 D20 W20 L150 Z03-H	20	20	3	150	40	12			
ST90° AO12 D22 W20 L150 Z03-H	22	20	3	150	30	12			
ST90° AO12 D25 W25 L150 Z04-H	25	25	4	150	40	12			
ST90° AO12 D32 W32 L150 Z05-H	32	32	5	150	40	12			

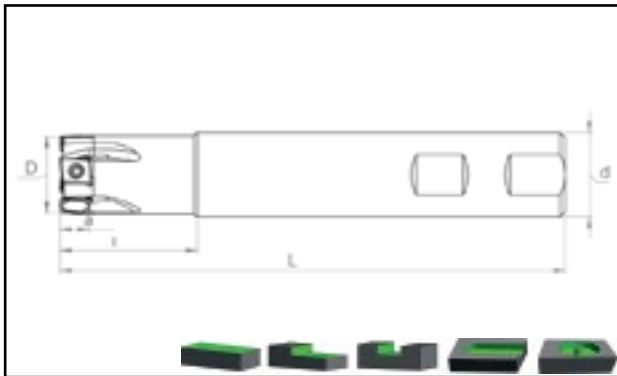
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° XDKT 0703 / 11T3..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° XD07 D12 C10 L120 Z02	12	10	2	120	30	07	XDKT 0703.. CRTZT UCA UYGUNDUR FOR CRTZT INSERT	SSV M2.2x7	T07
ST90° XD07 D12 C12 L120 Z02	12	12	2	120	30	07			
ST90° XD07 D16 W16 L150 Z03-H	16	16	3	150	30	07	XDKT 11T3.. CRTZT UCA UYGUNDUR FOR CRTZT INSERT	SSV M2.5x7	T08
ST90° XD07 D17 W16 L150 Z03-H	17	16	2	150	30	07			
ST90° XD07 D16 C16 L200 Z03	16	16	3	200	30	07			
ST90° XD11 D16 W16 L150 Z02-H	16	16	2	150	40	11			
ST90° XD11 D17 W16 L150 Z02-H	17	16	2	150	30	11			
ST90° XD11 D20 W20 L150 Z03-H	20	20	3	150	40	11			
ST90° XD11 D21 W20 L150 Z03-H	21	20	3	150	30	11			
ST90° XD11 D25 W25 L150 Z04-H	25	25	4	150	40	11			
ST90° XD11 D26 W25 L150 Z04-H	26	25	4	150	30	11			
ST90° XD11 D16 C16 L200 Z02	16	16	2	200	50	11			
ST90° XD11 D17 C16 L200 Z02	17	16	2	200	30	11			
ST90° XD11 D20 C20 L200 Z03	20	20	3	200	50	11			
ST90° XD11 D21 C20 L200 Z03	21	20	3	200	30	11			
ST90° XD11 D25 C25 L200 Z04	25	25	4	200	50	11			
ST90° XD11 D26 C25 L200 Z04	26	25	4	200	30	11			

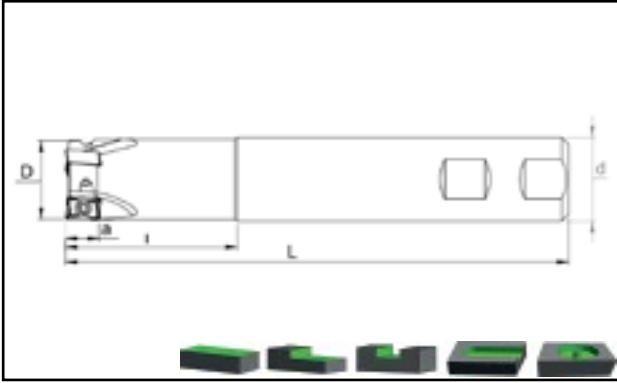


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° LNHU 0904..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° LN09 D20 W20 L150 Z03-H	20	20	3	150	40	9	LNHU 0904.. WLTR UCA UYGUNDUR FOR WLTR INSERT	SSV M3x9	T08
ST90° LN09 D25 W25 L150 Z04-H	25	25	4	150	40	9			
ST90° LN09 D32 W32 L150 Z05-H	32	32	5	150	40	9			

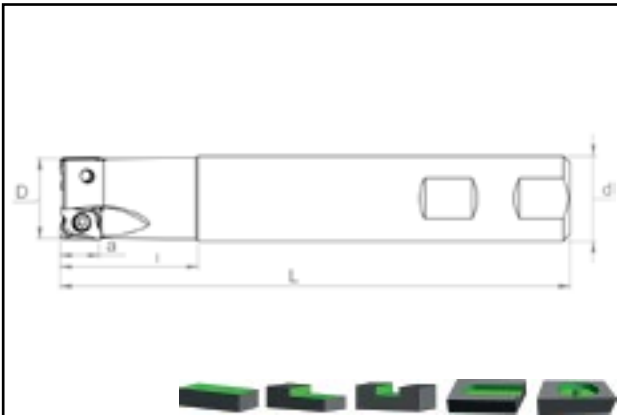
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



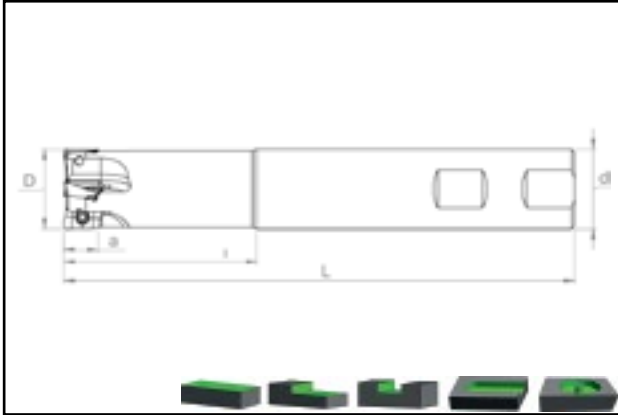
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° LN.X 1006 / 1510..	D	d	Z	L	I	a	LN.X 1006.. KRLY UCA UYGUNDUR FOR KRLY INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
	ST90° LN10 D16 W16 L110 Z01	16	16	1	120	40		SSV M3x9	T08
	ST90° LN10 D18 W16 L110 Z02	18	16	2	110	40			
	ST90° LN10 D18 W16 L120 Z02	18	16	2	120	40			
	ST90° LN10 D20 W20 L150 Z02	20	20	2	150	50			
	ST90° LN10 D22 W20 L150 Z02	22	20	2	150	50			
	ST90° LN10 D25 W25 L150 Z03	25	25	3	150	50			
	ST90° LN10 D32 W32 L150 Z04	32	32	4	150	50			
	ST90° LN10 D40 W32 L150 Z05	40	32	5	150	50			
ST90° LN15 D32 W32 L150 Z02							LN.X 1510.. KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M4x11	T15
	ST90° LN15 D35 W32 L150 Z03	35	32	3	150	50			
	ST90° LN15 D40 W32 L150 Z03	40	32	3	150	50			
	ST90° LN15 D32 C32 L250 Z02	32	32	2	250	70			
	ST90° LN15 D35 C32 L250 Z03	35	32	3	250	70			
	ST90° LN15 D40 C32 L250 Z03	40	32	3	250	70			
	ST90° LN15 D32 C32 L300 Z02	32	32	2	300	70			
	ST90° LN15 D35 C32 L300 Z03	35	32	3	300	70			
	ST90° LN15 D40 C32 L300 Z03	40	32	3	300	70			



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° LNGX 1205..	D	d	Z	L	I	a	LNGX 1205.. PRMT UCA UYGUNDUR FOR PRMT INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
	ST90° LN12 D25 W25 L150 Z02	25	25	2	150	40		SSV M3.5x11	T15
	ST90° LN12 D32 W32 L150 Z03	32	32	3	150	40			

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert

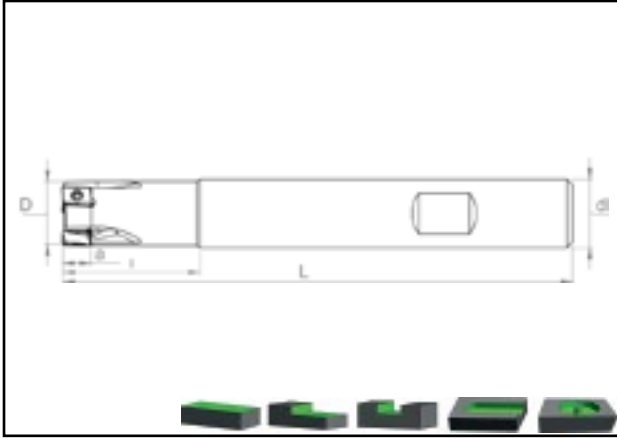


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
								Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° BDMT 0703 / 1103 / 1704..	D	d	Z	L	I	a			
ST90° BD07 D10 C10 L100 Z01	10	10	1	100	30	6	BDMT 0703.. KYCR UCA UYGUNDUR FOR KYCR INSERT	SSV M2x6	T06
ST90° BD07 D10 C10 L100 Z01-H	10	10	1	100	30	6			
ST90° BD07 D12 C12 L120 Z02	12	12	2	120	30	6			
ST90° BD07 D12 C12 L120 Z02-H	12	12	2	120	30	6			
ST90° BD11 D16 W16 L150 Z02	16	16	2	150	60	10	BDMT 1103.. KYCR UCA UYGUNDUR FOR KYCR INSERT	SSV M2.5x7	T08
ST90° BD11 D16 W16 L150 Z02-H	16	16	2	150	60	10			
ST90° BD11 D17 W16 L150 Z02-H	17	16	2	150	30	10			
ST90° BD11 D20 W20 L150 Z03	20	20	3	150	60	10			
ST90° BD11 D20 W20 L150 Z03-H	20	20	3	150	60	10			
ST90° BD11 D21 W20 L150 Z03-H	21	20	3	150	30	10			
ST90° BD11 D25 W25 L150 Z04	25	25	4	150	60	10			
ST90° BD11 D25 W25 L150 Z04-H	25	25	4	150	60	10			
ST90° BD11 D26 W25 L150 Z04-H	26	25	4	150	30	10			
ST90° BD11 D32 W32 L150 Z05-H	32	32	5	150	60	10			
ST90° BD11 D17 C16 L200 Z02	17	16	2	200	50	10			
ST90° BD11 D21 C20 L200 Z03	21	20	3	200	50	10			
ST90° BD11 D26 C25 L200 Z04	26	25	4	200	50	10			
ST90° BD17 D25 W25 L150 Z02	25	25	2	150	50	16	BDMT 1704.. KYCR UCA UYGUNDUR FOR KYCR INSERT	SSV M4x11	T15
ST90° BD17 D25 W25 L150 Z02-H	25	25	2	150	50	16			
ST90° BD17 D32 W32 L150 Z03	32	32	3	150	50	16			
ST90° BD17 D25 C25 L200 Z02	25	25	2	200	50	16			
ST90° BD17 D32 C32 L200 Z03	32	32	3	200	50	16			

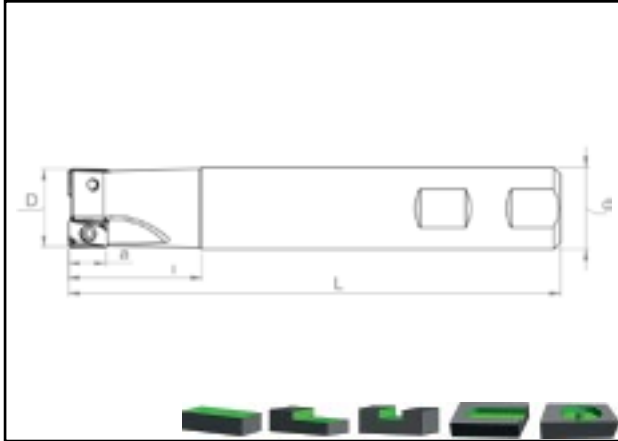
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° LNMT 0804..	D	d	Z	L	I	a	LNMT 0804.. ISCR UCA UYGUNDUR FOR ISCR INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	16	2	150	40	8			
	20	20	3	150	40	8		SSV M2.5x7	T08
	25	25	4	150	40	8			
	30	25	4	150	30	8			
	32	32	5	150	40	8			

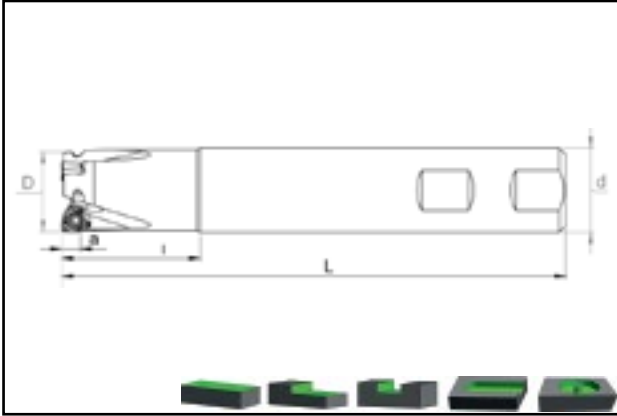


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° ANGX 1105..	D	d	Z	L	I	a	ANGX 1105.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	25	25	2	150	40	10			
	32	32	3	150	40	10		SSV M3x9	T08

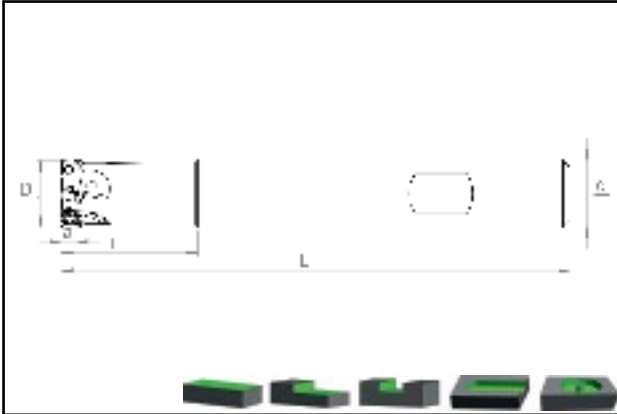
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° XNKT 0604..	D	d	Z	L	I	a	XNKT 0604.. KRLY UCA UYGUNDUR FOR KRLY INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	20	20	2	150	40	6			
	21	20	2	150	30	6		SSV M3x9	T08
	22	20	2	150	30	6			
	25	25	3	150	40	6			
	26	25	3	150	30	6			
	32	32	4	150	40	6			
	33	32	4	150	30	6			
	21	20	2	200	30	6			
	26	25	3	200	30	6			
	33	32	4	200	30	6			

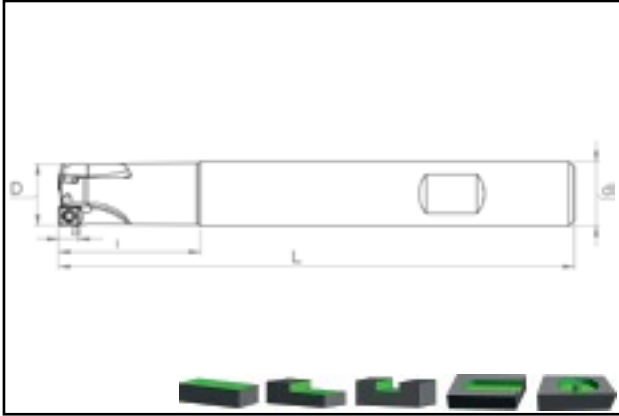


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° 3PKT 0603 / 1004..	D	d	Z	L	I	a	3PKT 0603.. TGTC UCA UYGUNDUR FOR TGTC INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	12	12	2	120	40	5			
	16	16	3	150	40	5		SSV M2x6	T06
	20	20	4	150	40	5			
	16	16	1	150	40	9			
	20	20	2	150	40	9		SSV M2.5x7	T08
	25	25	3	150	40	9			
	32	32	4	150	40	9			
	32	32	4	150	40	9			
	32	32	4	150	40	9			

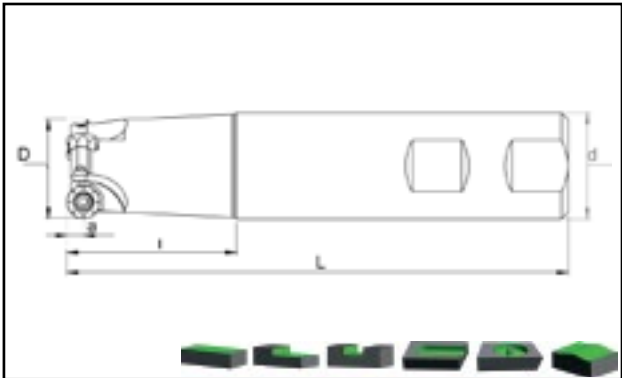
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞKEN UCLU FREZELER

End Mills with changeable insert



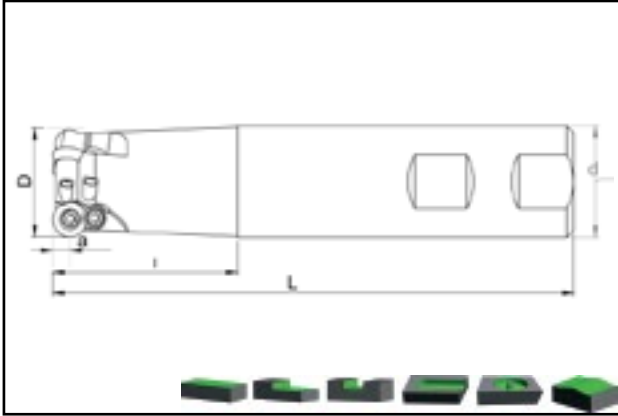
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° SPMG 0602 / 07T3 / 0904..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
	ST90° SP06 D17 W16 L150 Z02	17	16	2	150	40	SPMG 060204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.2x6	T07
	ST90° SP06 D20 W20 L150 Z03	20	20	3	150	40	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T08
	ST90° SP07 D22 W20 L150 Z03	22	20	3	150	40			
	ST90° SP07 D25 W25 L150 Z03	25	25	3	150	40			
	ST90° SP07 D26 W25 L150 Z03	26	25	3	150	40	SPMG 090408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15
	ST90° SP09 D32 W32 L150 Z03	32	32	3	150	40			
	ST90° SP09 D33 W32 L150 Z03	33	32	3	150	40			



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST QPMT 10T3 / 1204..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
	ST QP10 D25 C25 L150 Z02	25	25	2	150	50	QPMT 10T3.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M3.5x11	T15
	ST QP10 D32 C32 L150 Z03	32	32	3	150	50			
	ST QP10 D25 C25 L200 Z02	25	25	2	200	70			
	ST QP10 D32 C32 L200 Z03	32	32	3	200	50	QPMT 1204.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M4x11	T15
	ST QP12 D25 C25 L150 Z02	25	25	2	150	50			

DEĞİŞKEN UCLU FREZELER

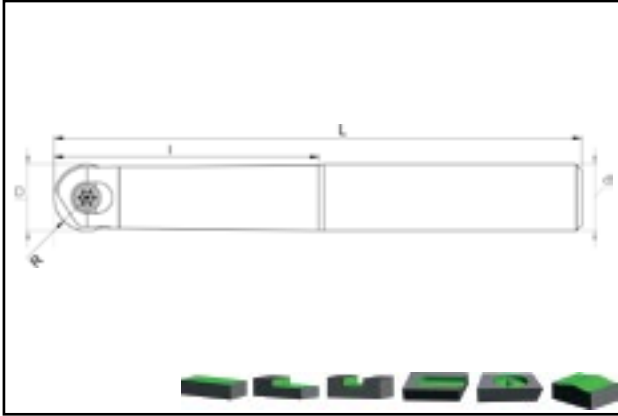
End Mills with changeable insert

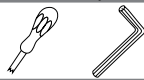


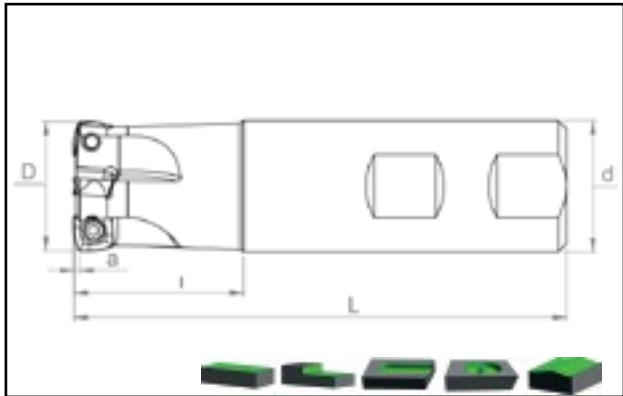
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
ST RDMT 0803 / 1003 / 12T3..	D	d	Z	L	I	a	 RD.. 0803.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Baskı Parçası Wedge Clamp	Baskı Vidası Screw	Anahtar Torx Key
	ST RD08 D16 W16 L120 Z02	16	16	2	120	55					
	ST RD08 D20 W20 L120 Z02	20	20	2	120	55					
	ST RD08 D25 W25 L120 Z03	25	25	3	120	55					
	ST RD08 D32 W32 L120 Z04	32	32	4	120	55					
	ST RD08 D16 W16 L160 Z02	16	16	2	160	55					
	ST RD08 D20 W20 L160 Z02	20	20	2	160	55					
	ST RD08 D25 W25 L160 Z03	25	25	3	160	55					
	ST RD08 D32 W32 L160 Z04	32	32	4	160	55					
	ST RD08 D20 C20 L200 Z02	20	20	2	200	55					
	ST RD08 D25 C25 L200 Z03	25	25	3	200	55					
	ST RD08 D32 C32 L200 Z04	32	32	4	200	55					

ST RD10 D20 W20 L120 Z02	20	20	2	120	55	5	RD.. 1003.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	RTBP-1	SSV M3.5x11	T15
ST RD10 D25 W25 L120 Z02	25	25	2	120	55	5					
ST RD10 D32 W25 L120 Z03	32	25	3	120	55	5					
ST RD10 D32 W32 L120 Z03	32	32	3	120	55	5					
ST RD10 D40 W32 L120 Z04	40	32	4	120	55	5					
ST RD10 D20 W20 L160 Z02	20	20	2	160	55	5					
ST RD10 D25 W25 L160 Z02	25	25	2	160	55	5					
ST RD10 D32 W32 L160 Z03	32	32	3	160	55	5					
ST RD10 D32 W25 L160 Z03	32	25	3	160	55	5					
ST RD10 D40 W32 L160 Z04	40	32	4	160	55	5					
ST RD10 D20 C20 L200 Z02	20	20	2	200	55	5					
ST RD10 D25 C25 L200 Z02	32	25	2	200	55	5					
ST RD10 D32 C32 L200 Z03	32	32	3	200	55	5					
ST RD10 D32 C25 L200 Z03	32	25	3	200	55	5					
ST RD10 D40 C32 L200 Z04	40	32	4	200	55	5					
ST RD12 D25 W25 L120 Z02	25	25	2	120	55	6	RD.. 12T3.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	RTBP-1	SSV M3.5x11	T15
ST RD12 D32 W25 L120 Z03	32	25	3	120	55	6					
ST RD12 D40 W32 L120 Z04	40	32	4	120	55	6					
ST RD12 D25 W25 L160 Z02	25	25	2	160	55	6					
ST RD12 D32 W32 L160 Z03	32	32	3	160	55	6					
ST RD12 D32 W25 L160 Z03	32	25	3	160	55	6					
ST RD12 D40 W32 L160 Z04	40	32	4	160	55	6					
ST RD12 D25 C25 L200 Z02	25	25	2	200	55	6					
ST RD12 D32 C32 L200 Z03	32	32	3	200	55	6					
ST RD12 D32 C25 L200 Z03	32	25	3	200	55	6					
ST RD12 D40 C32 L200 Z04	40	32	4	200	55	6					

KÜRE UCLU FREZELER Ball Nose End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	D	R	L	d	I		Sıkma Vidası Clamp Screw	Anahtar Allen Key
BSRT P32..								
SRT P3208 D08 L110 d10	8	4	110	10	25	P3208 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 170 3x7	T08
SRT P3210 D10 L130 d12	10	5	130	12	30	P3210 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 172 4x0.5x9	T15
SRT P3212 D12 L130 d12	12	6	130	12	32	P3212 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 174 5x0.5x9	T20
SRT P3216 D16 L175 d16	16	8	175	16	60	P3216 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 176 5x0.5x12	T20
SRT P3220 D20 L200 d20	20	10	200	20	100	P3220 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 178 5x0.5x12	T20
SRT P3225 D25 L200 d25	25	12.5	200	25	100	P3225 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 181 6x0.75x20	AA3
SRT P3232 D32 L200 d32	32	16	200	32	100	P3232 WLTR UCA UYGUNDUR FOR WLTR INSERT	TC 184 8x0.75x24	AA4

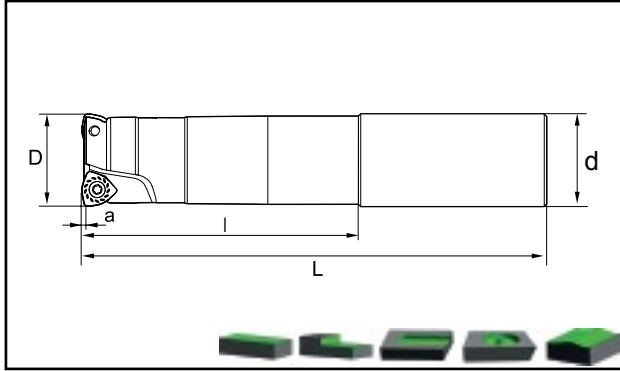


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
HST SDKX 0904..									
HST SD09 D25 W25 L120 Z02-H	25	25	2	150	50	1.4	SDKX 0904.. LAMINA UCA UYGUNDUR FOR LAMINA INSERT	SSV M3.5x11	T15
HST SD09 D25 C25 L200 Z02-H	25	25	2	200	50	1.4			
HST SD09 D32 W32 L150 Z03-H	32	25	3	150	50	1.4			
HST SD09 D32 C32 L200 Z03-H	32	32	3	200	50	1.4			

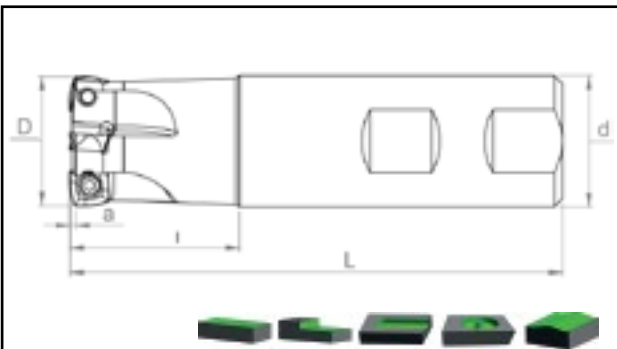
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ SAPLI TARAMALAR

High Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST WNMX 09T3..	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
HST WN09T3 D25 W25 L150 Z02-H	25	25	2	150	60	1.5	WNMX 09T3.. KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
HST WN09T3 D26 W25 L150 Z02-H	26	25	2	150	60	1.5			
HST WN09T3 D32 W25 L150 Z03-H	32	32	3	150	70	1.5			
HST WN09T3 D33 W32 L150 Z03-H	33	32	3	150	70	1.5			
HST WN09T3 D35 W32 L150 Z04-H	35	32	4	150	50	1.5			
HST WN09T3 D40 W32 L150 Z04-H	40	32	4	150	50	1.5			
HST WN09T3 D25 C25 L200 Z02	25	25	2	200	120	1.5			
HST WN09T3 D26 C25 L200 Z02	26	25	2	200	60	1.5			
HST WN09T3 D32 C25 L200 Z03	32	32	3	200	120	1.5			
HST WN09T3 D33 C32 L200 Z03	33	32	3	200	70	1.5			
HST WN09T3 D35 C32 L200 Z04	35	32	4	200	50	1.5			
HST WN09T3 D40 W32 L200 Z04-H	40	32	4	200	50	1.5			
HST WN09T3 D25 C25 L300 Z02	25	25	2	300	180	1.5			
HST WN09T3 D26 C25 L300 Z02	26	25	2	300	70	1.5			
HST WN09T3 D32 C32 L300 Z03	32	32	3	300	180	1.5			
HST WN09T3 D33 C32 L300 Z03	33	32	3	300	70	1.5			
HST WN09T3 D35 C32 L300 Z04	35	32	4	300	50	1.5			
HST WN09T3 D40 C32 L300 Z04	40	32	4	300	50	1.5			

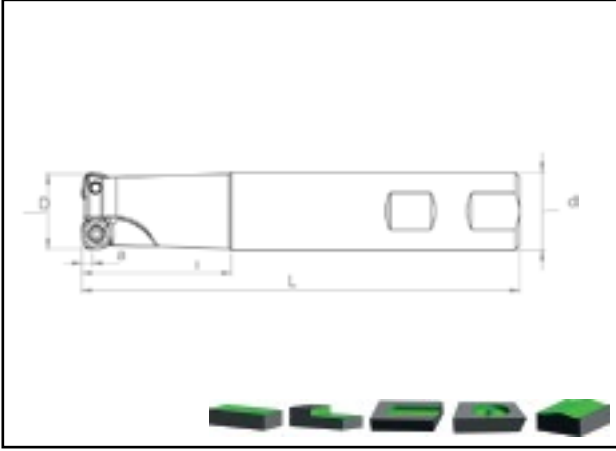


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST SDMT 09T3..	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
HST SD09T3 D25 W25 L150 Z02-H	25	25	2	150	50	1.4	SDMT 09T3.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	SSV M3.5x11	T15
HST SD09T3 D32 W25 L150 Z03-H	32	25	3	150	50	1.4			
HST SD09T3 D35 W32 L150 Z04-H	35	32	4	150	50	1.4			

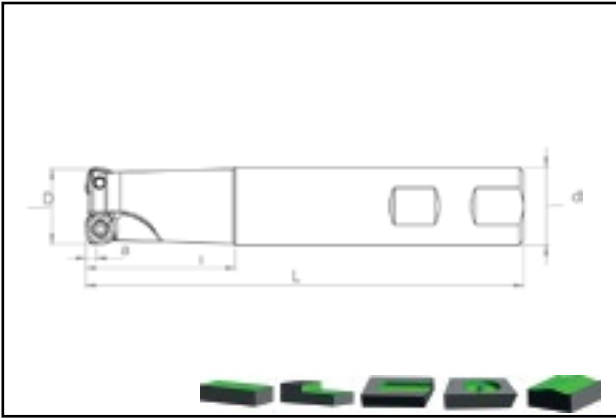
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ SAPLI TARAMALAR

High Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST XPLX 0603..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
	HST XP06 D16 W16 L150 Z02-H	16	16	2	150	40	XPLX 0603.. CRTZT UCA UYGUNDUR FOR CRTZT INSERT	SSV M2.5x7	T08
	HST XP06 D17 W16 L150 Z02-H	17	16	2	150	30			
	HST XP06 D20 W20 L150 Z03-H	20	20	3	150	40			
	HST XP06 D21 W20 L150 Z03-H	21	20	3	150	30			
	HST XP06 D17 W16 L200 Z02	17	16	2	200	30			

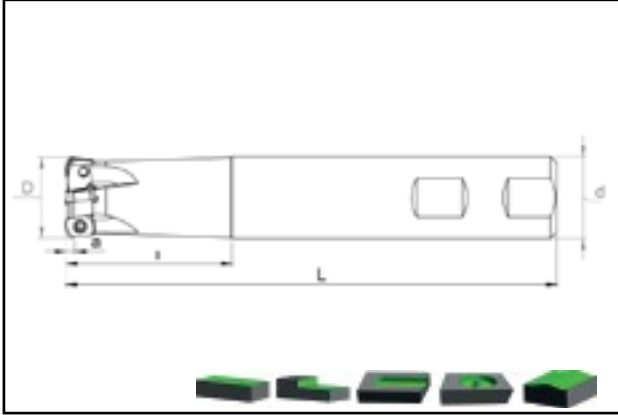


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST XDLX 09T3..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
	HST XD09 D25 W25 L150 Z02-H	25	25	2	150	50	XDLX 09T3.. CRTZT UCA UYGUNDUR FOR CRTZT INSERT	SSV M3.5x11	T15
	HST XD09 D26 W25 L150 Z02-H	26	25	2	150	30			
	HST XD09 D25 W25 L200 Z02	25	25	2	200	50			
	HST XD09 D26 W25 L200 Z02	26	25	2	200	30			

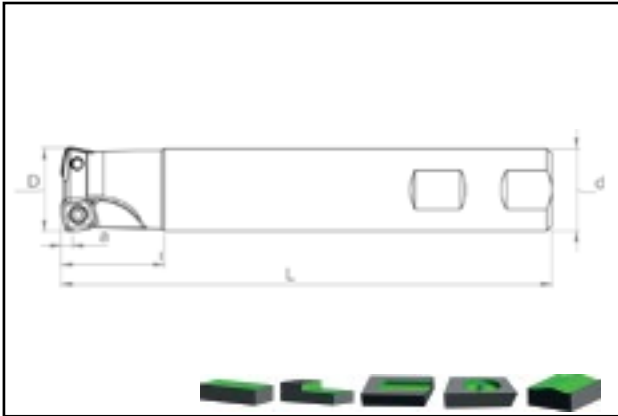
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ SAPLI TARAMALAR

High Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST BLMP 0603..	D	d	Z	L	I	a	 BLMP 0603.. TGTC UCA UYGUNDUR FOR TGTC INSERT	Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
	HST BL06 D16 W16 L120 Z02-H	16	16	2	120	50		SSV M2.5x7	T08
	HST BL06 D20 W20 L150 Z03-H	20	20	3	150	50			
	HST BL06 D25 W25 L150 Z04-H	25	25	4	150	50			
	HST BL06 D32 W32 L150 Z05-H	32	32	5	150	50			
	HST BL06 D20 C20 L200 Z03	20	20	3	200	50			
	HST BL06 D25 C25 L200 Z04	25	25	4	200	50			
	HST BL06 D32 C32 L200 Z05	32	32	5	200	50			

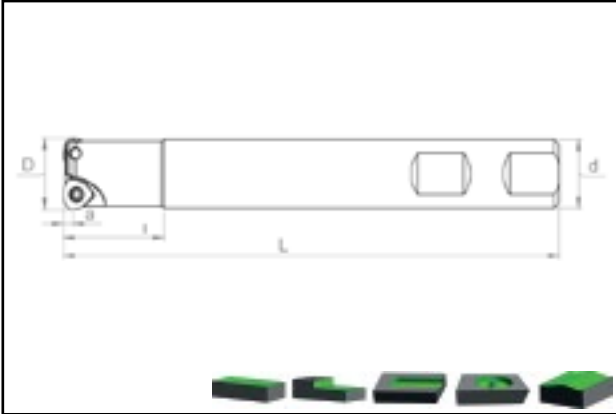


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST R210.09..	D	d	Z	L	I	a	 R210-09.. SDVK UCA UYGUNDUR FOR SDVK INSERT	Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
	HST R210.09 D25 W25 L150 Z02-H	25	25	2	150	50		SSV M3.5x11	T15
	HST R210.09 D26 W25 L150 Z02-H	26	25	2	150	30			
	HST R210.09 D32 W32 L150 Z03-H	32	32	3	150	50			
	HST R210.09 D33 W32 L150 Z03-H	33	32	3	150	30			

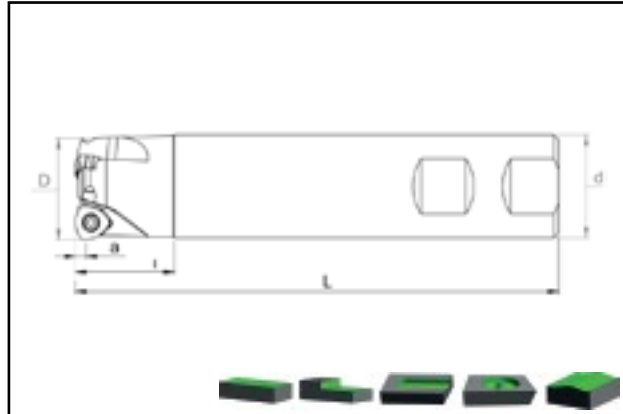
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ SAPLI TARAMALAR

High Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST JOMT 06T2 / 0803..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
	HST JO06 D16 W16 L120 Z02-H	16	16	2	120	40	JOMT 06T2.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT	SSV M2.5x7	T08
	HST JO06 D17 W16 L120 Z02-H	17	16	2	120	30			
	HST JO06 D20 W20 L120 Z03-H	20	20	3	120	40			
	HST JO06 D22 W20 L120 Z03-H	22	20	3	120	30			
	HST JO08 D17 W16 L150 Z01-H	17	16	1	150	30	JOMT 0803.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT	SSV M3x9	T08
	HST JO08 D21 W20 L150 Z02-H	21	20	2	150	30			
	HST JO08 D26 W25 L150 Z03-H	26	25	3	150	30			

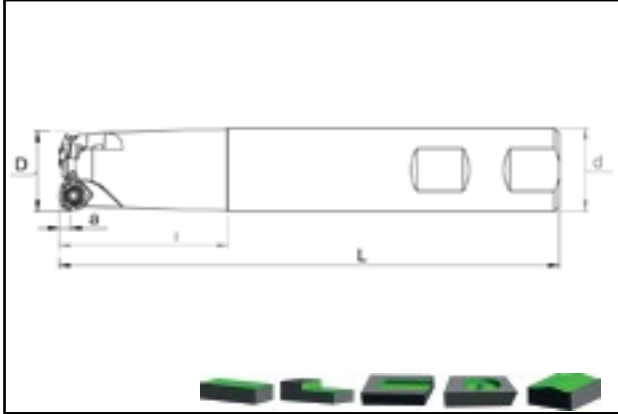


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST JDM. 09T3..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
	HST JD09 D25 W25 L150 Z02-H	25	25	2	150	50	JDM 09T3.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT	SSV M3.5x11	T15
	HST JD09 D26 W25 L150 Z02-H	26	25	2	150	30			
	HST JD09 D32 W32 L150 Z03-H	32	32	3	150	50			
	HST JD09 D33 W32 L150 Z03-H	33	32	3	150	30			

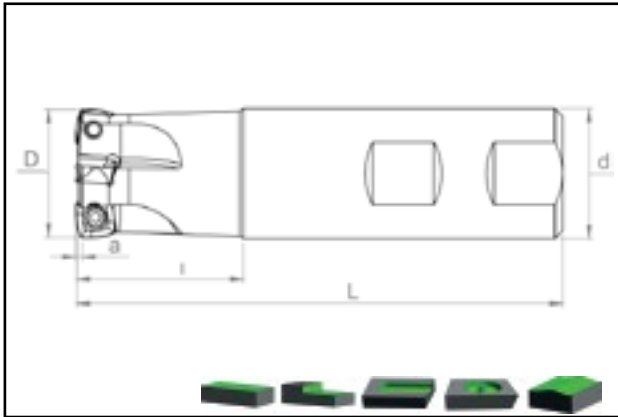
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ SAPLI TARAMALAR

High Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
								Sıkma Vidası Clamp Screw	Anahtar Allen Key
HST WDMT 0603 / 0804..	D	d	Z	L	I	a			
HST WD06 D16 W16 L120 Z02-H	16	16	2	120	50	1	WDMT 0603.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M2.5x7	T08
HST WD06 D18 W16 L120 Z02-H	18	16	2	120	30	1			
HST WD06 D20 W20 L120 Z03-H	20	20	3	120	50	1			
HST WD06 D22 W20 L120 Z03-H	22	20	3	120	30	1			
HST WD08 D20 W20 L150 Z02-H	20	20	2	150	50	1.5	WDMT 0804.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M3x9	T08
HST WD08 D22 W20 L150 Z02-H	22	20	2	150	30	1.5			
HST WD08 D25 W25 L150 Z03-H	25	25	3	150	50	1.5			
HST WD08 D26 W25 L150 Z03-H	26	25	3	150	30	1.5			
HST WD08 D32 W32 L150 Z04-H	32	32	4	150	50	1.5			
HST WD08 D33 W32 L150 Z04-H	33	32	4	150	30	1.5			

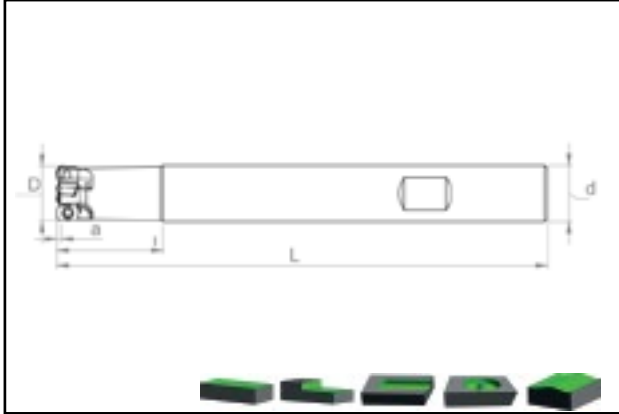


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
								Sıkma Vidası Clamp Screw	Anahtar Allen Key
HST SPKT 08T3..	D	d	Z	L	I	a			
HST SPKT08 D20 W20 L150 Z02-H	20	20	2	150	50	1.5	SPKT 08T3.. PALBIT UCA UYGUNDUR FOR PALBIT INSERT	SSV M3x9	T08
HST SPKT08 D25 W25 L150 Z03-H	25	25	3	150	50	1.5			
HST SPKT08 D32 W32 L150 Z04-H	32	32	4	150	50	1.5			

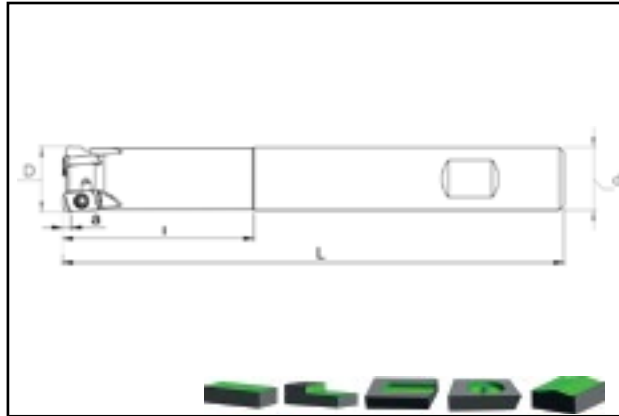
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ SAPLI TARAMALAR

High Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST LPGT 0102..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
								SSV M2x6	T06
HST LP01 D10 C10 L100 Z02-H	10	10	2	100	30	0.5	LPGT 0102.. KYCR UCA UYGUNDUR FOR KYCR INSERT		
HST LP01 D12 C12 L120 Z03-H	12	12	3	120	30	0.5			
HST LP01 D16 C16 L120 Z04-H	16	16	4	120	30	0.5			



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST LOGU 0303..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
								SSV M3x9	T08
HST LG03 D16 W16 L160 Z02-H	16	16	2	160	60	1	LOGU 0303.. KYCR UCA UYGUNDUR FOR KYCR INSERT		
HST LG03 D20 W20 L160 Z03-H	20	20	3	160	60	1			
HST LG03 D21 W20 L160 Z03-H	20	20	3	160	30	1			
HST LG03 D22 W20 L160 Z03-H	20	20	3	160	30	1			
HST LG03 D25 W25 L160 Z04-H	25	25	4	160	60	1			
HST LG03 D32 W32 L160 Z05-H	32	32	5	160	60	1			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

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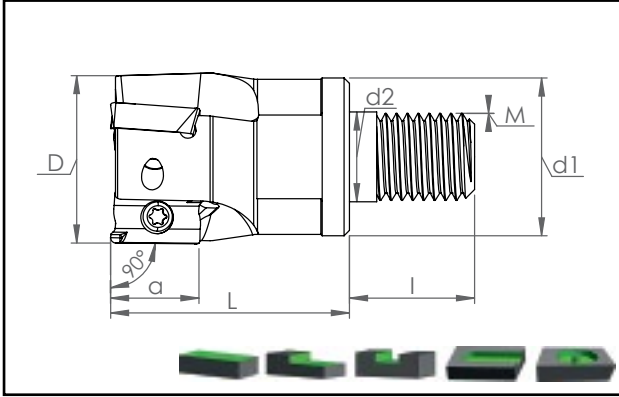
DEĐİřTİRİLEBİLİR UCLU MODÜLER FREZELER

Modular End Mills with changeable insert

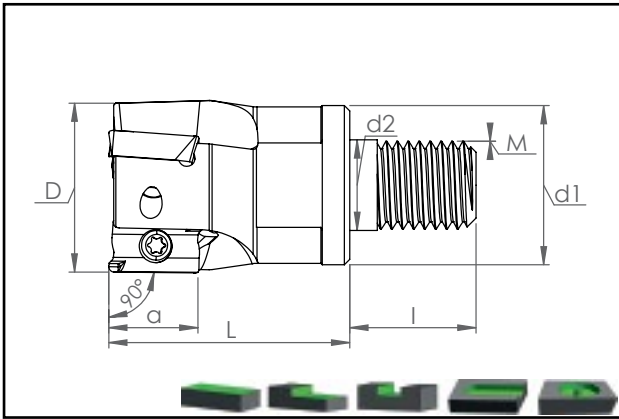


DEĞİŞTİRİLEBİLİR UCLU MODÜLER FREZELER

Modular End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° APKT 1003..	D	Z	d1	d2	L	a	M	AP. 1003.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	2	14.75	8.5	30	10	8			
	MT90° AP10 D16 M08 L30 Z02-H	16	2	14.75	8.5	30	10		SSV M2.5x7	T08
	MT90° AP10 D20 M10 L30 Z03-H	20	3	18	10.5	30	10			
	MT90° AP10 D25 M12 L35 Z03-H	25	3	21	12.5	35	10			
	MT90° AP10 D32 M16 L35 Z04-H	32	4	29	17	43	10			
	MT90° AP10 D40 M16 L43 Z05-H	40	5	29	17	43	10			
	MT90° AP10 D42 M16 L43 Z05-H	42	5	29	17	43	10			

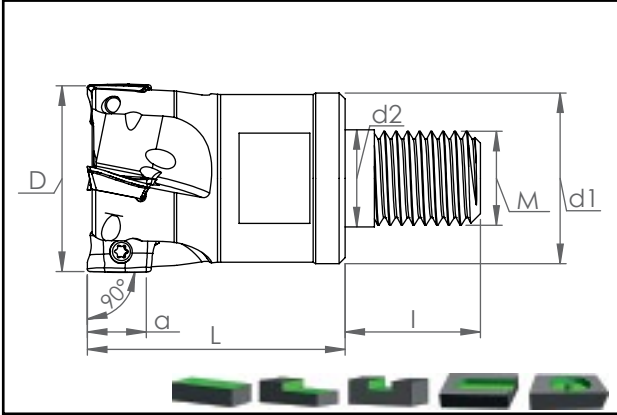


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° APKT 1604..	D	Z	d1	d2	L	a	M	AP. 1604.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	25	2	21	12.5	43	16	12			
	MT90° AP16 D25 M12 L43 Z02-H	25	2	21	12.5	43	16		SSV M3.5x11	T15
	MT90° AP16 D32 M16 L43 Z03-H	32	3	29	17	43	16			
	MT90° AP16 D40 M16 L43 Z04-H	40	4	29	17	43	16			
	MT90° AP16 D42 M16 L43 Z04-H	42	4	29	17	43	16			

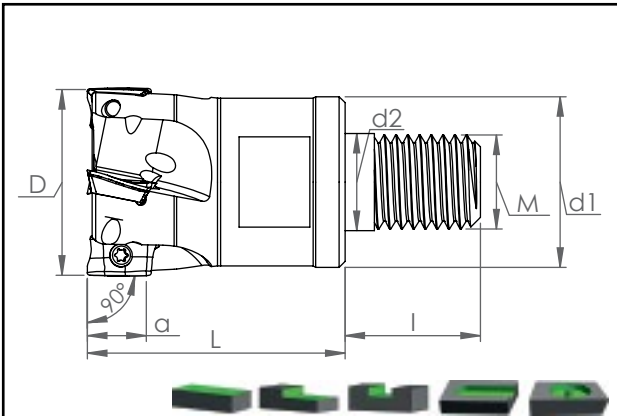
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞTİRİLEBİLİR UCLU MODÜLER FREZELER

Modular End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° AX.T 1235..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	2	14.75	8.5	30	11	08			
	20	3	18	10.5	30	11	10		SSV M3x9	T08
	25	4	21	12.5	35	11	12			

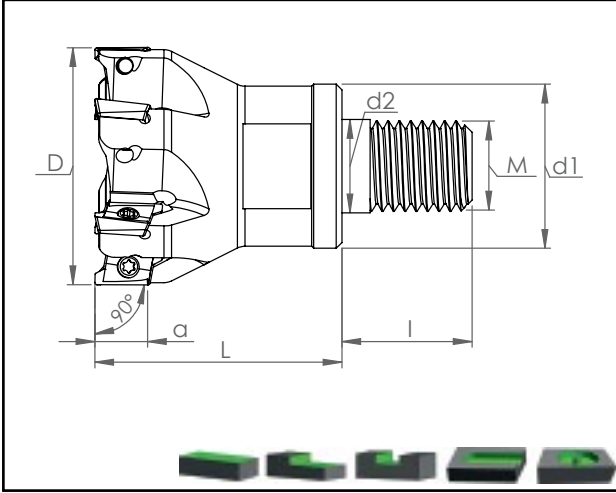


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° R390.11	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	2	14.75	8.5	30	11	08			
	20	3	18	10.5	30	11	10		SSV M2.5x7	T08
	25	3	21	12.5	35	11	12			
	32	4	29	17	43	11	16			

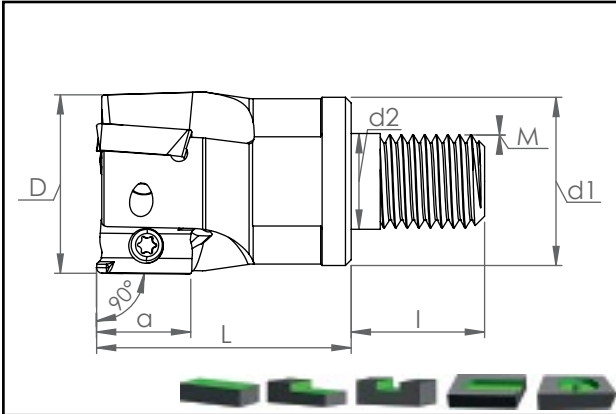
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞTİRİLEBİLİR UCLU MODÜLER FREZELER

Modular End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° RT 1003	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
									SSV M2.5x7	T08
									SSV M2.5x7	T08
MT90° RT10 D25 M12 L30 Z04-H	25	4	21	12.5	30	10	12	RT 1003.. SAFETY UCA UYGUNDUR FOR SAFETY INSERT		
MT90° RT10 D32 M16 L43 Z05-H	32	5	29	17	43	10	16			
MT90° RT10 D42 M16 L43 Z06-H	42	6	29	17	43	10	16			

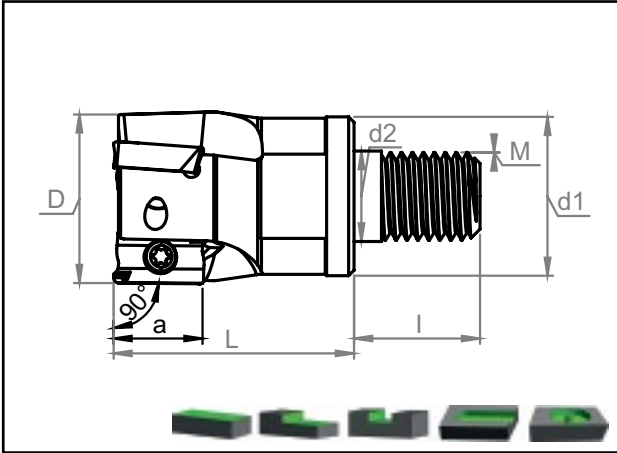


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° BDMT 1103..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
									SSV M2.5x7	T08
									SSV M2.5x7	T08
MT90° BD11 D16 M08 L30 Z02-H	16	2	14.75	8.5	30	10	08	BDMT 1103.. KYCR UCA UYGUNDUR FOR KYCR INSERT		
MT90° BD11 D20 M10 L30 Z03-H	20	3	18	10.5	30	10	10			
MT90° BD11 D25 M12 L30 Z04-H	25	4	21	12.5	30	10	12			
MT90° BD11 D32 M16 L43 Z04-H	32	4	29	17	43	10	16			

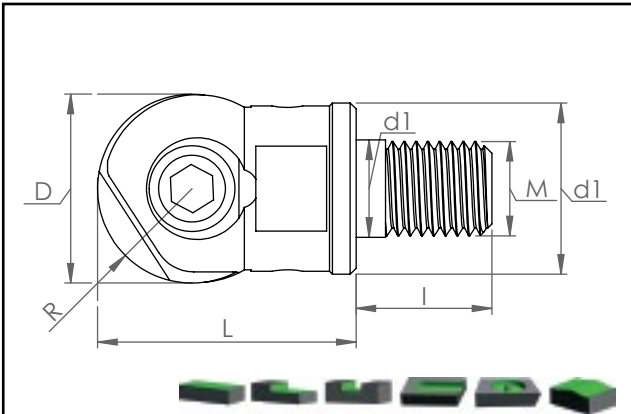
H-ÇİTEN SU VERMELİ
H-WITH COOLANT HOLE

DEĞİŞTİRİLEBİLİR UCLU MODÜLER FREZELER

Modular End Mills with changeable insert



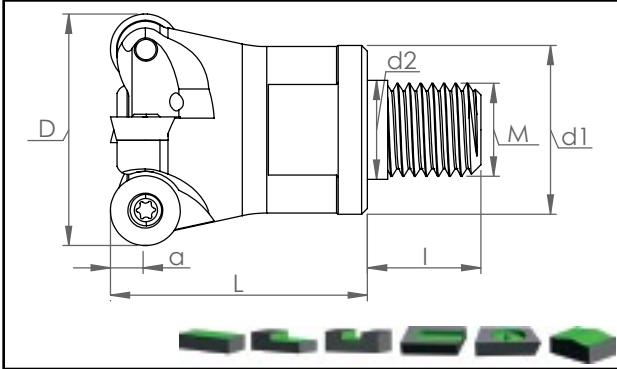
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
MT90° XOMX 10T3 / 1204..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
											
	MT90° XO10 D16 M08 L30 Z02-H	16	2	14.75	8.5	30	9	08	XOMX 1204.. SECO UCA UYGUNDUR FOR SECO INSERT	SSV M2.5x7	T08
	MT90° XO10 D20 M10 L30 Z03-H	20	3	18	10.5	30	9	10			
	MT90° XO12 D20 M10 L30 Z02-H	20	2	18	10.5	30	11	10			
	MT90° XO12 D25 M12 L30 Z03-H	25	3	21	12.5	30	11	12		SC-SSV M3.5x7	T10
MT90° XO12 D32 M16 L43 Z04-H	32	4	29	17	43	11	16				



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT P32..	D	d1	d2	L	R	M			Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
	MT P3216 D16 M08 L25	20	14.75	8.5	25	8	08	P3216-WLTR	TC 176 5x0.5x12	T20
	MT P3220 D20 M10 L30	25	18	10.5	30	10	10	P3220-WLTR	TC 178 5x0.5x12	
	MT P3225 D25 M12 L35	32	21	12.5	35	12.5	12	P3225-WLTR	TC 181 6x0.75x20	AA3
	MT P3232 D32 M16 L43	40	29	17	43	16	16	P3232-WLTR	TC 184 8x0.75x24	AA4

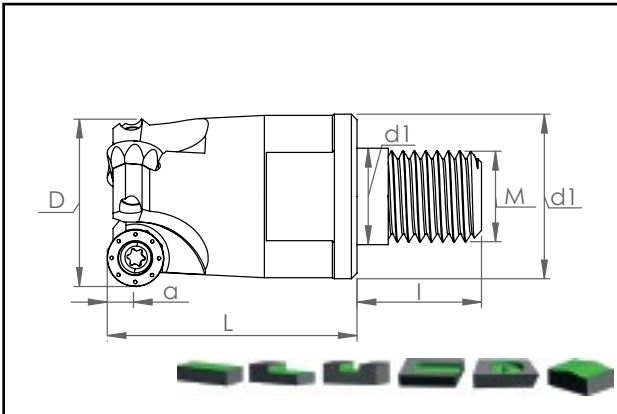
DEĞİŞTİRİLEBİLİR UCLU MODÜLER FREZELER

Modular End Mills with changeable insert



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT RDMT 0803 / 1003 / 1203..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	2	14.75	8.5	23	4	8			
	20	3	18	10.5	30	4	10		SSV M3x9	T08
	25	4	21	12.5	35	4	12			

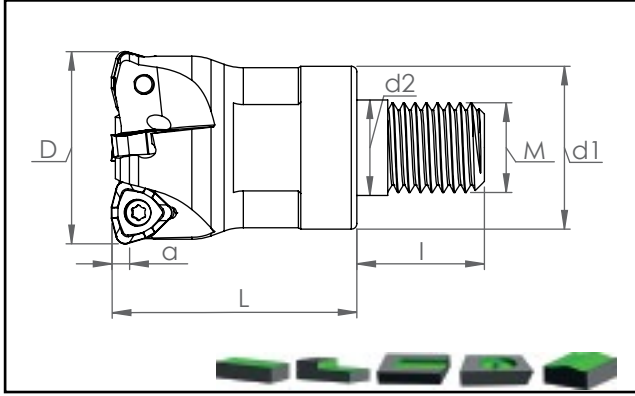
MT RD10 D20 M10 L30 Z02-H	20	2	18	10.5	30	5	10	RD.. 1003.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
MT RD10 D25 M12 L35 Z03-H	25	3	21	12.5	35	5	12			
MT RD10 D30 M16 L43 Z03-H	30	3	29	17	43	5	16			
MT RD10 D32 M16 L43 Z04-H	32	4	29	17	43	5	16			
MT RD10 D35 M16 L43 Z04-H	35	4	29	17	43	5	16			
MT RD10 D40 M16 L43 Z04-H	40	4	29	17	43	5	16			
MT RD10 D42 M16 L43 Z05-H	42	5	29	17	43	5	16			
MT RD12 D24 M12 L35 Z02-H	24	2	21	12.5	35	6	12	RD.. 12T3.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
MT RD12 D25 M12 L35 Z02-H	25	2	21	12.5	35	6	12			
MT RD12 D32 M16 L43 Z03-H	32	3	29	17	43	6	16			
MT RD12 D35 M16 L43 Z03-H	35	3	29	17	43	6	16			
MT RD12 D40 M16 L43 Z04-H	40	4	29	17	43	6	16			
MT RD12 D42 M16 L43 Z04-H	42	4	29	17	43	6	16			



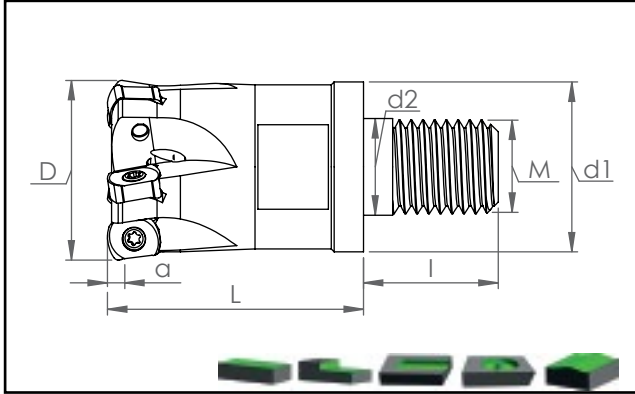
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT QPMT 10T3..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	25	3	21	12.5	35	5	12			
	32	3	29	17	43	5	16		SSV M3.5x11	T15
	40	4	29	17	43	5	16			

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT WNMX 09T3..	D	Z	d1	d2	L	a	M	 WNMX 09T3.. KRKY UCA UYGUNDUR FOR KRKY INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	25	2	21.5	12.5	35	1.5	12			
	MHT WN09T3 D25 M12 L30 Z02-H	25	2	21.5	12.5	35	1.5		SSV M3x9	T08
	MHT WN09T3 D32 M16 L43 Z03-H	32	3	29	17	43	1.5			
	MHT WN09T3 D35 M16 L43 Z04-H	35	4	29	17	43	1.5			
	MHT WN09T3 D40 M16 L43 Z04-H	40	4	29	17	43	1.5			

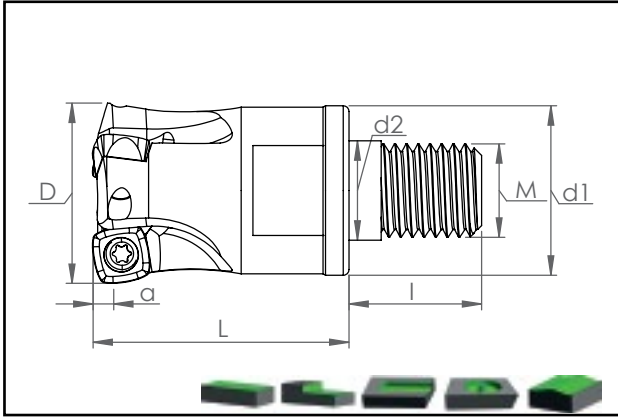


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT BLMP 0603..	D	Z	d1	d2	L	a	M	 BLMP 0603.. TGTC UCA UYGUNDUR FOR TGTC INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	2	14.75	8.5	30	0.7	8			
	MHT BL06 D16 M08 L30 Z02-H	16	2	14.75	8.5	30	0.7		SSV M2.5x7	T08
	MHT BL06 D20 M10 L30 Z03-H	20	3	18	10.5	30	1			
	MHT BL06 D25 M12 L35 Z04-H	25	4	21	12.5	35	1			
	MHT BL06 D32 M16 L43 Z05-H	32	5	29	17	43	1			

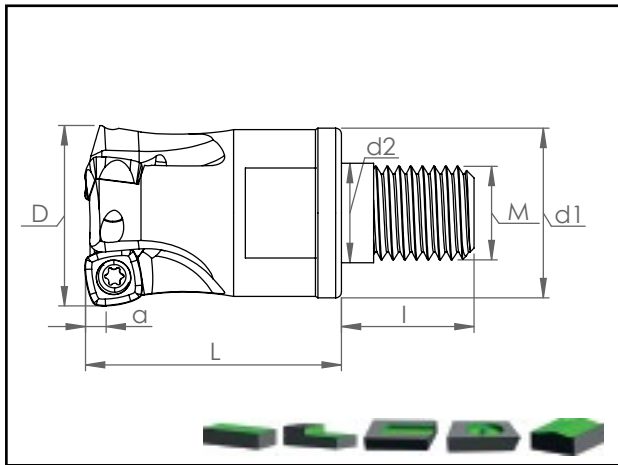
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° XPLX 0603..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MHT XP06 D16 M08 L30 Z02-H	16	2	14.75	8.5	30	1		SSV M2.5x7	T08
	MHT XP06 D20 M10 L30 Z03-H	20	3	18	10.5	30	1			
	MHT XP06 D22 M10 L30 Z03-H	22	3	18	10.5	30	1			

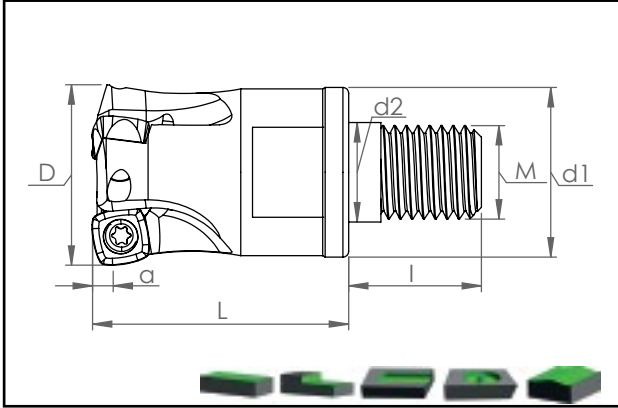


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MT90° XDLX 09T3..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MHT XD09 D25 M12 L35 Z02-H	25	2	21	12.5	35	1.2			
	MHT XD09 D32 M16 L43 Z03-H	32	3	29	17	43	1.2			
	MHT XD09 D35 M16 L43 Z03-H	35	3	29	17	43	1.2			
	MHT XD09 D40 M16 L43 Z04-H	40	4	29	17	43	1.2			
	MHT XD09 D42 M16 L43 Z04-H	42	4	29	17	43	1.2			

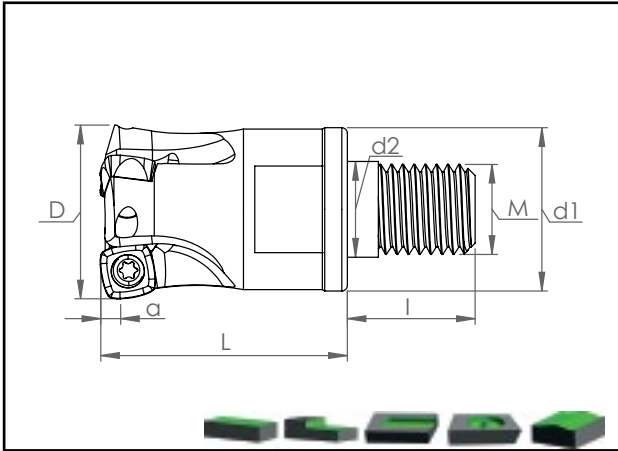
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
MHT SDMT 09T3..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
											
	MHT SD09T3 D25 M12 L35 Z02-H	25	2	21.5	12.5	35	1.5	12	SDMT 09T3.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	SSV M3.5x11	T15
	MHT SD09T3 D32 M16 L43 Z03-H	32	3	29	17	43	1.5	16			
	MHT SD09T3 D35 M16 L43 Z04-H	35	4	29	17	43	1.5	16			
MHT SD09T3 D40 M16 L43 Z04-H	40	4	29	17	43	1.5	16				

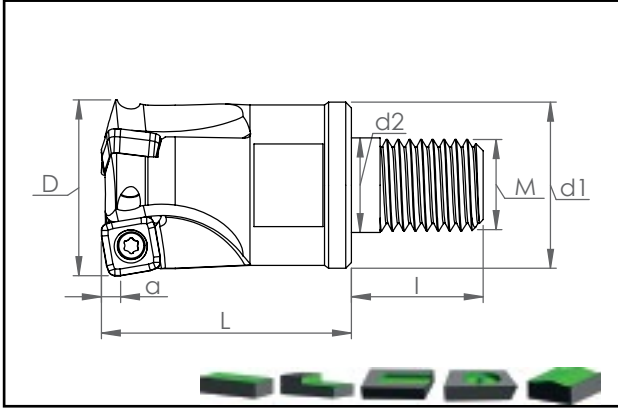


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
MHT SDKX 0904..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
											
	MHT SD09 D25 M12 L35 Z02-H	25	2	21.5	12.5	35	1.5	12	SDKX 0904.. LAMINA UCA UYGUNDUR FOR LAMINA INSERT	SSV M3.5x11	T15
	MHT SD09 D32 M16 L43 Z03-H	32	3	29	17	43	1.5	16			
	MHT SD09 D35 M16 L43 Z04-H	35	4	29	17	43	1.5	16			
MHT SD09 D40 M16 L43 Z04-H	40	4	29	17	43	1.5	16				

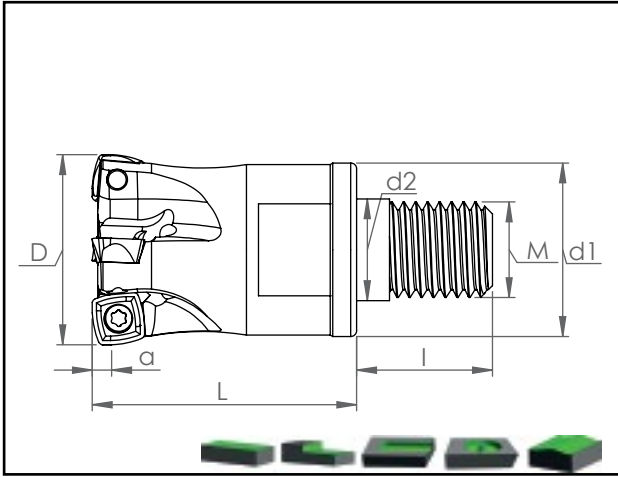
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT R210.09..	D	Z	d1	d2	L	a	M	 R210.09.. SDVK UCA UYGUNDUR FOR SDVK INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	25	2	21	12.5	35	1.2	12			
	32	3	29	17	43	1.2	16		SSV M3.5x11	T15
	35	3	29	17	43	1.2	16			

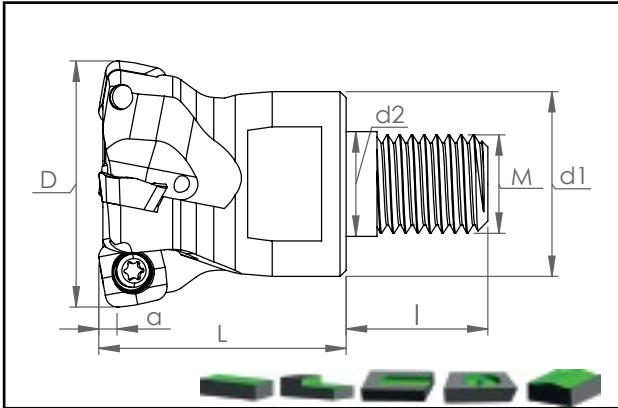


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT SPKT 08T3..	D	Z	d1	d2	L	a	M	 SPKT 08T3.. PALBIT UCA UYGUNDUR FOR PALBIT INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	25	3	21	12.5	35	1.5	12			
	35	4	29	17	43	1.5	16		SSV M3x9	T08
	42	4	29	17	43	1.5	16			

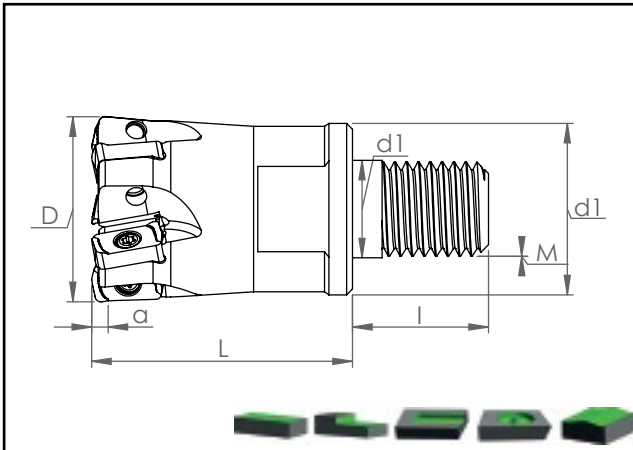
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT SOMT 1004..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	32	3	29	17	43	1.2	16			
	35	3	29	17	43	1.2	16		SSV M4x11	T15
	40	4	29	17	43	1.2	16			
	42	4	29	17	43	1.2	16			

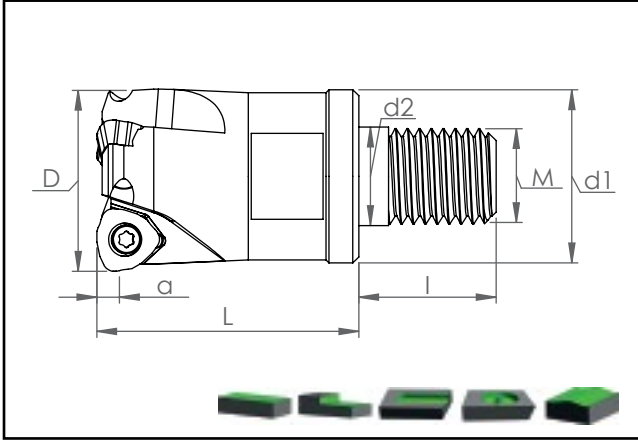


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT LOGU 0303..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	16	2	14.75	8.5	30	1	8			
	20	3	18	10.5	30	1	10		SSV M3x9	T08
	25	4	21	12.5	35	1	12			
	32	5	29	17	43	1	16			

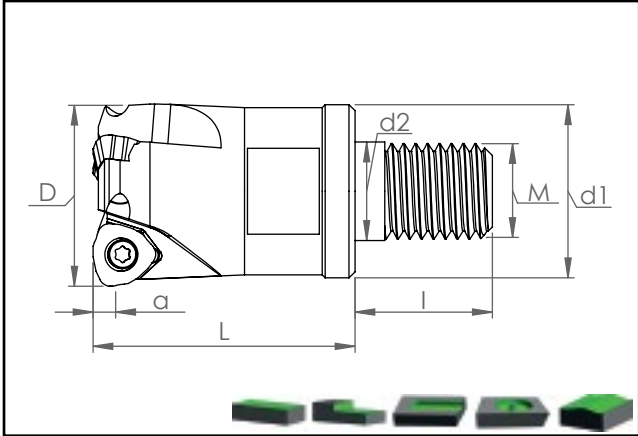
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT JDM. 09T3..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
									SSV M4x11	T15
MHT JD09 D25 M12 L35 Z02-H	25	2	21	12.5	35	1.5	12	JDM 09T3.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT		
MHT JD09 D32 M16 L43 Z03-H	32	3	29	16.5	43	1.5	16			
MHT JD09 D35 M16 L43 Z03-H	35	3	29	16.5	43	1.5	16			

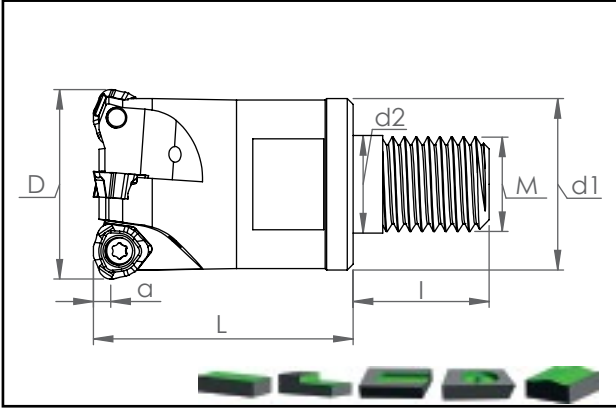


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT JOM. 0803..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
									SSV M3x9	T08
MHT JO08 D25 M12 L35 Z03-H	25	3	21	12.5	35	0.8	12	JOM 0803.. MTSBSH UCA UYGUNDUR FOR MTSBSH		
MHT JO08 D32 M16 L43 Z04-H	32	4	29	16.5	43	0.8	16			
MHT JO08 D35 M16 L43 Z04-H	35	4	29	16.5	43	0.8	16			

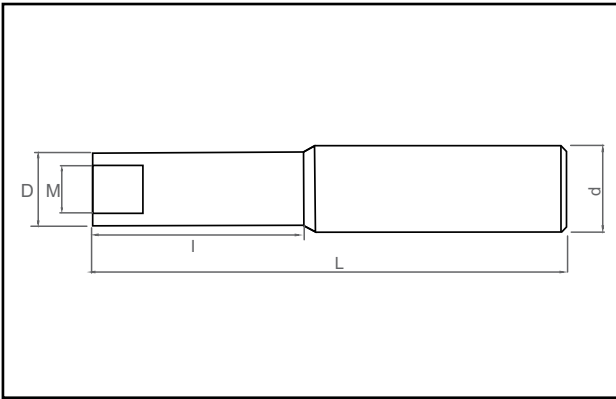
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MHT WDMT 0804..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
									SSV M3x9	T08
MHT WD08 D25 M12 L35 Z02-H	25	2	21	12.5	35	1.5	12	WDMT 0804.. SMTM UCA UYGUNDUR FOR SMTM		
MHT WD08 D32 M16 L43 Z03-H	32	3	29	17	43	1.5	16			
MHT WD08 D35 M16 L43 Z03-H	35	3	29	17	43	1.5	16			

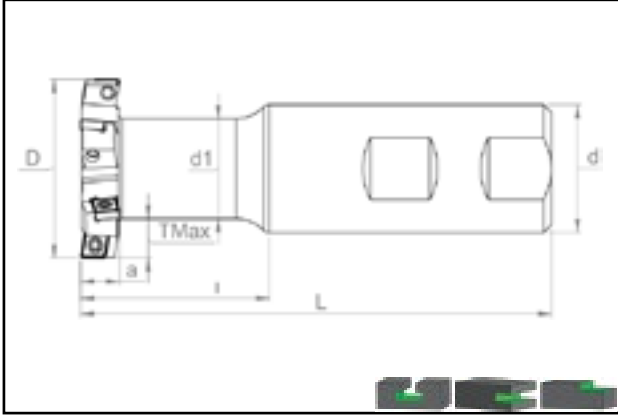


KOD CODE	ÖLÇÜLER DIMENSION (mm)				
SMVT	D	d	M	L	I
SMVT D15 C16 M8 L120-H	15	16	8	120	40
SMVT D18 C20 M10 L120-H	18	20	10	120	60
SMVT D18 C20 M10 L170-H	18	20	10	170	90
SMVT D24 C25 M12 L160-H	24	25	12	160	80
SMVT D24 C25 M12 L200-H	24	25	12	200	100
SMVT D24 C25 M12 L250-H	24	25	12	250	150
SMVT D31 C32 M16 L160-H	31	32	16	160	80
SMVT D31 C32 M16 L200-H	31	32	16	200	100
SMVT D31 C32 M16 L250-H	31	32	16	250	150

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

T KANAL FREZELER

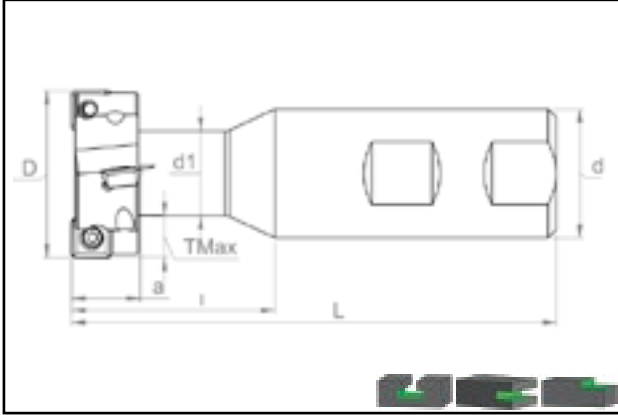
T Slot Mills



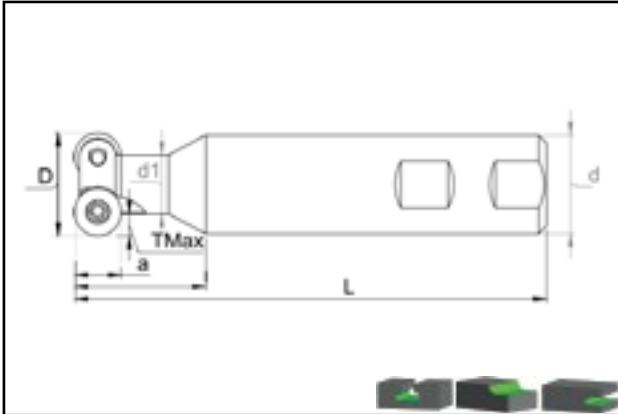
KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TF90° T FREZELER	D	d	d1	L	l	Z	a	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
											
TF90° CC06 D17x8 W16 L100 Z02 T3.5	17	16	10	120	25	2	8	3.5	CC..0602.. ISO	SSV M2.5x7	T08
TF90° CC06 D20x9 W16 L100 Z02 T5	20	16	10	120	25	2	9	5			
TF90° CC06 D23x10 W20 L120 Z04 T3.5	23	20	16	120	40	4	10	3.5			
TF90° CC06 D25x10 W20 L120 Z04 T4.5	25	20	16	120	40	4	10	4.5			
TF90° CC06 D26x11 W20 L120 Z04 T5	26	20	16	120	40	4	11	5			
TF90° CC06 D30x12 W25 L120 Z04 T6	30	25	18	120	45	4	12	6			
TF90° CC06 D32x12 W25 L120 Z04 T6	32	25	20	120	45	4	12	6			
TF90° CC06 D35x12 W25 L120 Z04 T7.5	35	25	20	120	45	4	12	7.5			
TF90° CC06 D40x12 W25 L120 Z06 T9	40	25	22	120	40	6	12	9			
TF90° CC06 D42x12 W25 L120 Z06 T10	42	25	22	120	45	6	12	10			
TF90° CC06 D45x8 W32 L120 Z06 T10	45	32	25	120	45	6	8	10			
TF90° CC06 D45x10 W32 L120 Z06 T10	45	32	25	120	45	6	10	10			
TF90° CC06 D50x8 W32 L120 Z06 T12.5	50	32	25	120	45	6	8	12.5			
TF90° CC06 D50x10 W32 L120 Z06 T12.5	50	32	25	120	45	6	10	12.5			
TF90° CC06 D55x8 W32 L120 Z08 T15	55	32	25	120	45	8	8	15			
TF90° CC06 D55x10 W32 L120 Z08 T15	55	32	25	120	45	8	10	15			
TF90° CC06 D60x8 W32 L120 Z08 T17.5	60	32	25	120	45	8	8	17.5			
TF90° CC06 D60x10 W32 L120 Z08 T17.5	60	32	25	120	45	8	10	17.5			
TF90° CC09 D35x14 W32 L120 Z04 T5	35	32	25	120	45	4	14	5	CC..09T3.. ISO	SSV M3.5x11	T15
TF90° CC09 D42x14 W32 L120 Z04 T11	42	32	20	120	45	4	14	11			
TF90° CC09 D45x14 W32 L120 Z04 T10	45	32	25	120	45	4	14	10	CC..1204.. ISO	SSV M4x11	T20
TF90° CC12 D47x20 W32 L120 Z04 T11	47	32	25	120	55	4	20	11			

T KANAL FREZELER

T Slot Mills



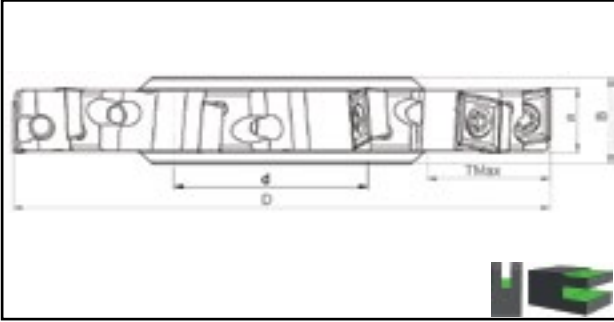
KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TF90° T FREZELER	D	d	d1	L	I	Z	a	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TF90° SP09 D37x16 W32 L120 Z04 T12	37	32	21	120	45	4	16	12	SPMG 090408.. TGTC UCA UYGUNDUR FOR TGTC INSERT		T15
TF90° SP09 D42x17 W32 L120 Z04 T10.5	42	32	21	120	45	4	17	10.5		SSV M3.5x11	
TF90° SP11 D47x20 W32 L120 Z04 T11.5	47	32	24	120	50	4	20	11.5		SSV M4x11	



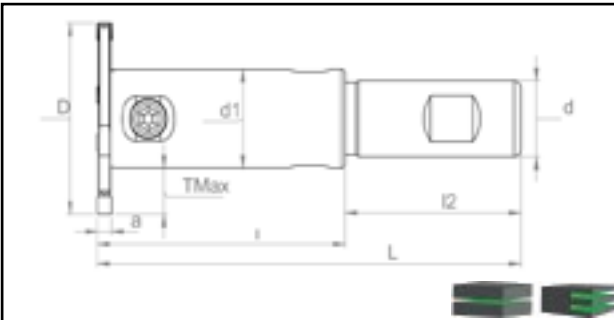
KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
T FREZELER	D	d	d1	I	L	Z	a	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TF RD07 D17 W16 L120 Z02 T3.5	17	16	10	15	120	2	7	3.5	RD..0702 ISO		T08
TF RD07 D25 W16 L120 Z02 T5	25	16	15	12	120	2	7	5			
TF RD07 D35 W25 L120 Z05 T7.5	35	25	20	25	120	5	7	7.5			
TF RD10 D21 W25 L120 Z02 T4.5	21	25	12	30	120	2	10	4.5	RD..1003 ISO	SSV M3.5x11	T15
TF RD12 D26 W25 L120 Z02 T5.5	26	25	15	30	120	2	12	5.5	RD..12T3 ISO		
TF RD16 D34 W32 L120 Z02 T7	34	32	20	40	120	2	16	7	RD..1604 ISO	SSV M4x11	

DAİRE KANAL FREZELER

Disc Mills



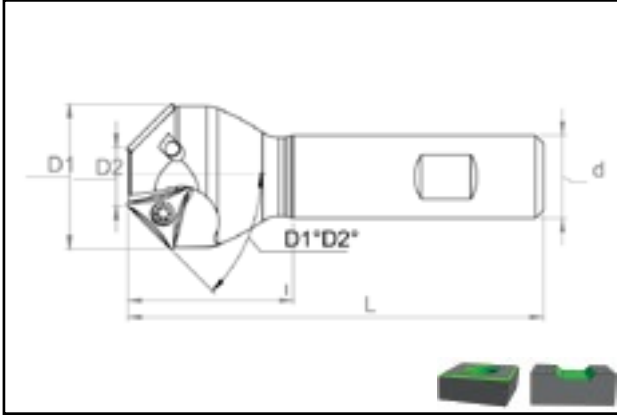
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
BSDF DİSK FREZELER	D	a	d	B	Z	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
BSDF CC06 D60x8 d27 Z08 T14	60	8	22	12	8	14	CC..0602.. ISO	SSV M2.5x7	T08
BSDF CC06 D80x8 d27 Z10 T19	80	8	27	12	10	19			
BSDF CC06 D100x8 d32 Z12 T22.5	100	8	32	12	12	22.5			
BSDF CC06 D125x8 d40 Z14 T32.5	125	8	40	12	14	32.5			
BSDF CC06 D60x10 d22 Z08 T14	60	10	22	14	8	14			
BSDF CC06 D80x10 d27 Z10 T19	80	10	27	14	10	19			
BSDF CC06 D100x10 d32 Z12 T22.5	100	10	32	14	12	22.5			
BSDF CC06 D125x10 d40 Z14 T32.5	125	10	40	14	14	32.5			
BSDF CC06 D160x10 d40 Z16 T47.5	160	10	40	14	16	47.5	CC..09T3.. ISO	SSV M3.5x11	T15
BSDF CC09 D80X12 d27 Z08 T17.5	80	12	27	16	8	17.5			
BSDF CC09 D100X12 d32 Z10 T22.5	100	12	32	16	10	22.5			
BSDF CC09 D125X12 d40 Z12 T29	125	12	40	16	12	29			
BSDF CC09 D160X12 d40 Z14 T45	160	12	40	16	14	45			
BSDF CC09 D80x14 d27 Z08 T17.5	80	14	27	18	8	17.5			
BSDF CC09 D100x14 d32 Z10 T22.5	100	14	32	18	10	22.5			
BSDF CC09 D125x14 d40 Z12 T29	125	14	40	18	12	29			
BSDF CC09 D160x14 d40 Z14 T45	160	14	40	18	14	45			



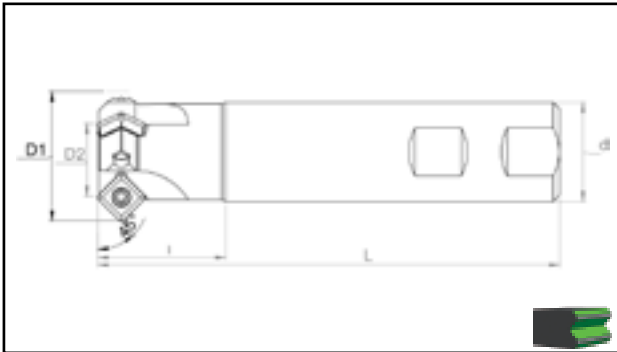
KOD CODE	ÖLÇÜLER DIMENSION (mm)									KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
DKT KANAL TAKIMLARI	D	d	d1	l	l2	L	a	Z	T max		Sıkma Vidası Clamp Screw	Alyan Anahtar Allen Key
												
DKT K3C D50 W20 L120 Z2 T12	50	20	26	70	50	120	3	2	12	MGM 3C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKT V-M6x25	AA5
DKT K3C D63 W25 L120 Z2 T19	63	25	29	65	55	120	3	2	19		BKT V-M8x30	AA6
DKT K3C D80 W32 L120 Z2 T20.5	80	32	39	60	60	120	3	2	20.5		BKT V-M8x30	AA6
DKT K4C D50 W20 L120 Z2 T12	50	20	26	70	50	120	4	2	12	MGM 4C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKT V-M6x25	AA5
DKT K4C D63 W25 L120 Z2 T19	63	25	29	65	55	120	4	2	19		BKT V-M8x30	AA6
DKT K4C D80 W32 L120 Z2 T20.5	80	32	39	60	60	120	4	2	20.5		BKT V-M8x30	AA6
DKT K5C D50 W20 L120 Z2 T12	50	20	26	70	50	120	5	2	12	MGM 5C KRLY UCA UYGUNDUR FOR KRLY INSERT	BKT V-M6x25	AA5
DKT K5C D63 W25 L120 Z2 T19	63	25	29	65	55	120	5	2	19		BKT V-M8x30	AA6
DKT K5C D80 W32 L120 Z2 T20.5	80	32	39	60	60	120	5	2	20.5		BKT V-M8x30	AA6

HAVŞA FREZELER

Chamfering End Mills



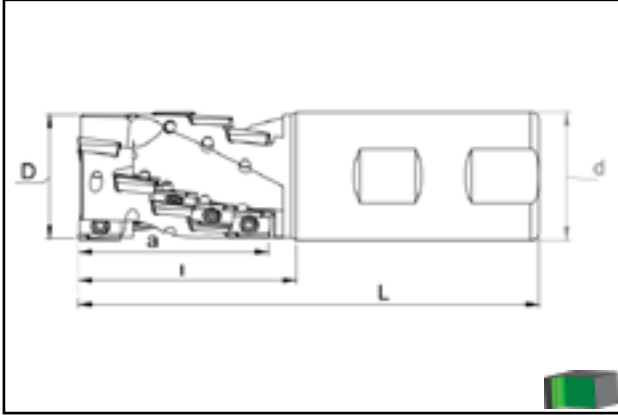
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
10°/15°/17.5°/20°22.5°25°/30°/45° HAVŞA FREZELER	D1° D2°	D1	D2	L	d	Z	I		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
HF45° TC11 D4~15 W16 L100 Z01	45°	4	15	100	16	1	30	TCM..1102..ISO	SSV M2.5x7	T08
HF45° TC16 D10~31 W20 L100 Z02	45°	10	31	100	20	2	35	TCM..16T3.. ISO	SSV M3.5x11	T15
HF45° TC16 D14~35 W20 L100 Z02	45°	14	35	100	20	2	40			
HF45° TC16 D22~43 W25 L100 Z03	45°	22	43	100	25	3	40			
HF45° TC16 D32~53 W32 L100 Z04	45°	32	53	100	32	4	45			
HF30° TC16 D30~45 W32 L100 Z02	30°	30	45	100	32	2	40			
HF30° TC16 D20~35 W16 L100 Z02	30°	20	35	100	16	2	40			
HF30° TC16 D6~20 W16 L100 Z01	30°	6	20	100	16	1	30			
HF25° TC16 D17~30 W16 L100 Z01	25°	17	30	100	16	1	30			
HF22.5° TC16 D17~28 W20 L100 Z01	22.5°	17	28	100	20	1	30			
HF20° TC16 D17~26 W20 L100 Z01	20°	17	26	100	20	1	30			
HF20° TC16 D12~20 W16 L100 Z01	20°	12	20	100	16	1	30			
HF17.5° TC16 D17~24 W16 L100 Z01	17.5°	17	24	100	16	1	30			
HF15° TC16 D17~22 W16 L100 Z01	15°	17	22	100	16	1	30			
HF10° TC16 D18~21 W16 L100 Z01	10°	18	21	100	16	1	30			



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
HF45° HAVŞA FREZELER	D1° D2°	D1	D2	L	d	Z	I		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
											
	HF45° SP09 D11~25 W20 L150 Z01	45°	11	25	150	20	1	30	SPMG 090408.. TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15
	HF45° SP11 D24~38 W25 L150 Z02	45°	24	38	150	25	2	35		SSV M4x11	
HF45° SP11 D31~45 W32 L150 Z03	45°	31	45	150	32	3	40	SPMG 110408.. TGTC UCA UYGUNDUR FOR TGTC INSERT			

HELİSEL FREZELER

Helical Cutter

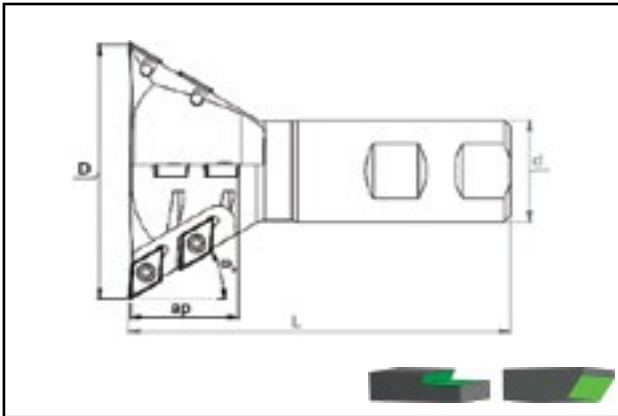


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HT90° HELİSEL FREZELER HELICAL CUTTER	D	Z	Z ₁	d	L	l	a	 AP.. 1003.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
HT90° AP10 D20 L87 A20 Z06-H	20	2	6	20	87	40	28			
HT90° AP10 D25 L105 A25 Z08-H	25	2	8	25	105	45	38		SSV M2.5x7	T08
HT90° AP10 D32 L115 A32 Z15-H	32	3	15	32	115	55	47			
HT90° AP10 D40 L130 A32 Z18-H	40	3	18	32	130	75	55			

Z₁=Etkili kesici ağzı Z₁= Effective Cutting Teeth

KIRLANGIÇ FREZELER

Dove Mills

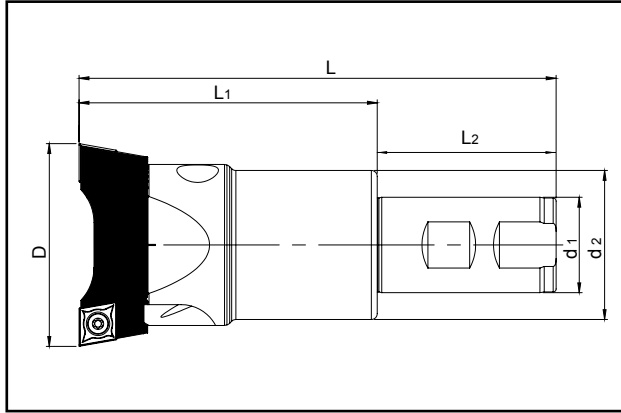


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
BKRF 55° / 60°	D	Z	Z ₁	d	L	a°	ap	 DCM.11T3.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
BKRF60° DC11 D32 W20 L120 Z02	32	2	2	20	120	60	10			
BKRF60° DC11 D40 W25 L120 Z02	40	2	2	25	120	60	10		SSV M3.5x11	T15
BKRF60° DC11 D50 W40 L120 Z04	50	4	4	25	120	60	18			
BKRF55° DC11 D60 W25 L120 Z04	60	4	6	25	120	55	24			
BKRF60° DC11 D80 W32 L120 Z04	80	4	8	32	120	60	34			

*Z₁=Etkili kesici ağzı *Z₁= Effective Cutting Teeth

AYARLI KABA DELİK İŞLEME BARALARI

Adjustable Rough Boring Heads



KOD CODE	ÖLÇÜLER DIMENSION (mm)							YEDEK PARÇALAR SPARE PARTS					
SBT BARA TAKIMI	D min	D max	d1	d2	L	L1	L2	Kartuş Cartridge	Elmas Insert	Elmas Vidası Insert Screw	Kartuş Vidası Cartridge Screw	Ayar Vidası Adjustment Screw	Anahtar Key
SBT-CC06 D20-24 W16 L100	20	24	16	16	100	50	50	KR 20-24	CC..0602.. ISO	SSV M2.5x7	BKTV M4x15	BAV M3x4	T08
SBT-CC06 D20-24 W16 L150	20	24	16	16	150	100	50				BKTV M5x25		
SBT-CC06 D20-24 W16 L200	20	24	16	16	200	150	50	KR 24-29	CC..09T3.. ISO	SSV M3.5x11	BKTV M6x30	BAV M4x7	T15
SBT-CC06 D24-29 W20 L100	24	29	20	22	100	50	50				BKTV M8x30		
SBT-CC06 D24-29 W20 L150	24	29	20	22	150	100	50	KR 29-39	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC06 D24-29 W20 L230	24	29	20	22	230	180	50				BKTV M8x30		
SBT-CC09 D29-39 W20 L105	29	39	20	25	105	55	50	KR 39-49	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC09 D29-39 W20 L155	29	39	20	25	155	105	50				BKTV M8x30		
SBT-CC09 D29-39 W25 L230	29	39	25	25	230	175	55	KR 49-60	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC09 D39-49 W25 L120	39	49	25	32	120	65	55				BKTV M8x30		
SBT-CC09 D39-49 W25 L170	39	49	25	32	170	115	55	KR 59-79	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC09 D39-49 W25 L250	39	49	25	32	250	200	55				BKTV M8x30		
SBT-CC09 D49-60 W32 L126	49	60	32	40	126	66	60	KR 69-89	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC09 D49-60 W32 L176	49	60	32	40	176	116	60				BKTV M8x30		
SBT-CC09 D49-60 W32 L260	49	60	32	40	260	200	60	KR 89-130	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC12 D59-79 W32 L145	59	79	32	50	145	85	60				BKTV M8x30		
SBT-CC12 D59-79 W32 L195	59	79	32	50	195	135	60	KR 69-89	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC12 D59-79 W32 L280	59	79	32	50	280	220	60				BKTV M8x30		
SBT-CC12 D69-89 W32 L145	69	89	32	63	145	85	60	KR 89-130	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC12 D69-89 W32 L195	69	89	32	63	195	135	60				BKTV M8x30		
SBT-CC12 D69-89 W40 L290	69	89	40	63	290	220	70	KR 89-130	CC..1204.. ISO	SSV M4x11	BKTV M8x30	BAV M5x14	T20
SBT-CC12 D89-130 W32 L175	89	130	32	75	175	105	60				BKTV M8x30		
SBT-CC12 D89-130 W32 L225	89	130	32	75	225	165	60				BKTV M8x30		

Teknoloji profesyonellikle birleŖti
Technology combined with professionalism

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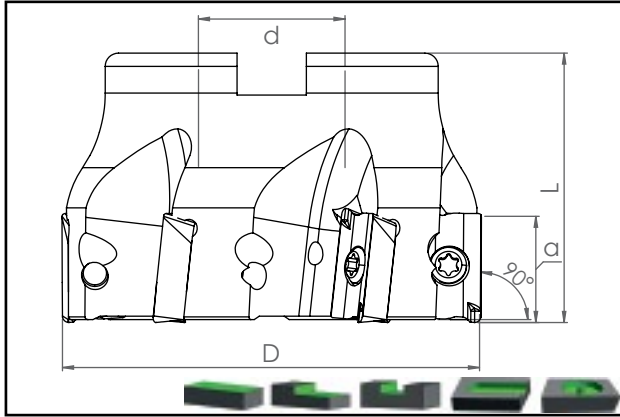
YÜZEY FREZELER

Face Milling Cutter

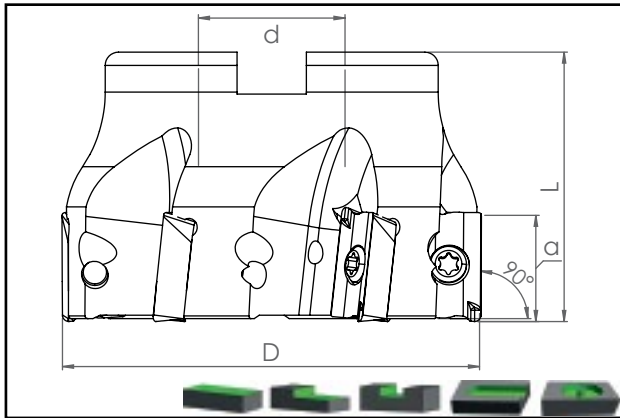


YÜZEY FREZELER

Face Milling Cutter



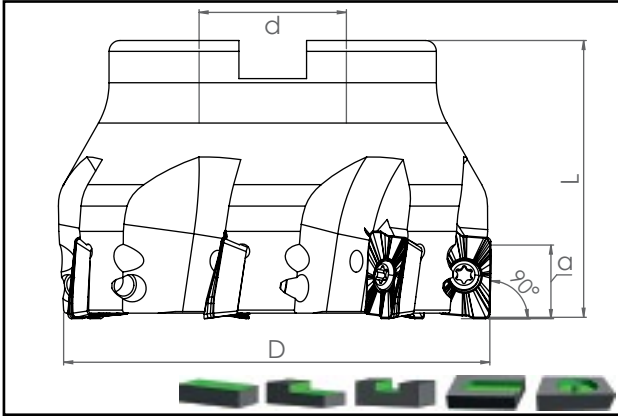
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TK90° APKT 1003..	D	Z	d	L	a	 AP. 1003.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	40	5	16	40	10			
	TK90° AP10 D40 A16 Z05-H	40	5	16	40	10	SSV M2.5x7	T08
	TK90° AP10 D50 A22 Z06-H	50	6	22	40	10		
	TK90° AP10 D63 A22 Z07-H	63	7	22	40	10		
	TK90° AP10 D80 A27 Z08-H	80	8	27	50	10		
	TK90° AP10 D100 A32 Z09-H	100	9	32	50	10		
	TK90° AP10 D125 B40 Z11	125	11	40	63	10		



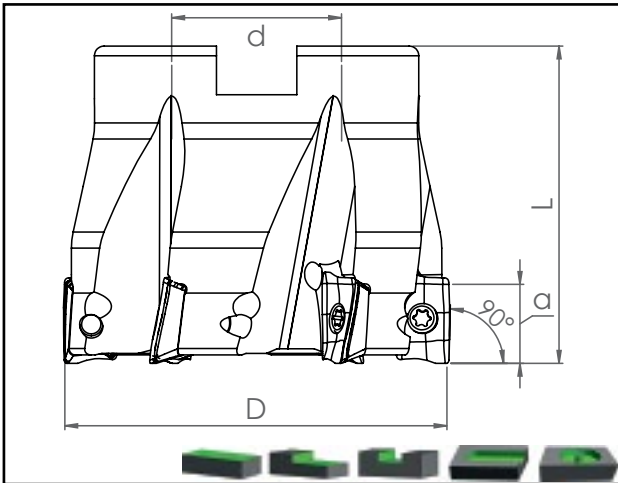
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° APKT 1604..	D	Z	d	L	a	 AP. 1604.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	40	4	16	40	16			
	TK90° AP16 D40 A16 Z04-H	40	4	16	40	16	SSV M3.5x11	T15
	TK90° AP16 D50 A22 Z05-H	50	5	22	40	16		
	TK90° AP16 D63 A22 Z06-H	63	6	22	40	16		
	TK90° AP16 D80 A27 Z07-H	80	7	27	50	16		
	TK90° AP16 D100 A32 Z08-H	100	8	32	50	16		
	TK90° AP16 D125 B40 Z09	125	9	40	63	16		
	TK90° AP16 D160 C40 Z10	160	10	40	63	16		
	TK90° AP16 D200 B60 Z12	200	12	60	63	16		

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° ADKT 1505..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90 AD1505 D40 A16 Z04-H	40	4	16	40		SSV M4x11	T15
	TK90 AD1505 D50 A22 Z05-H	50	5	22	40			
	TK90 AD1505 D63 A22 Z06-H	63	6	22	40			
	TK90 AD1505 D80 A27 Z07-H	80	7	27	50			
	TK90 AD1505 D100 A32 Z08-H	100	8	32	50			
TK90 AD1505 D125 B40 Z09	125	9	40	63	15			



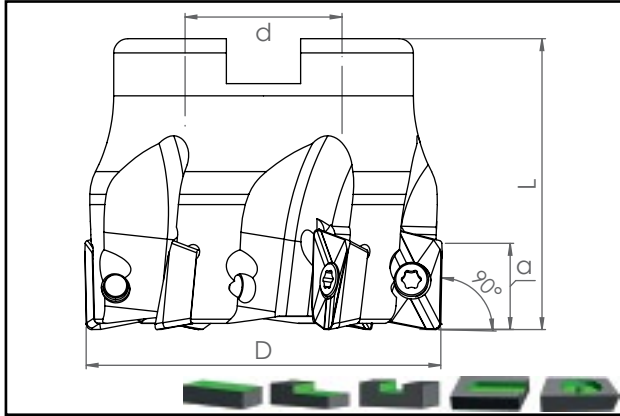
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° R390 11T3 / 17T4..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° R390.11 D40 A16 Z05-H	40	5	16	40		SSV M2.5x7	T08
	TK90° R390.11 D50 A22 Z06-H	50	6	22	40			
TK90° R390.11 D63 A22 Z07-H	63	7	22	40	11			

TK90° R390.17 D40 A16 Z04-H	40	4	16	40	17	R390.17T4 SDVK UCA UYGUNDUR FOR SDVK INSERT	SSV M3.5x11	T15
TK90° R390.17 D50 A22 Z05-H	50	5	22	40	17			
TK90° R390.17 D63 A22 Z06-H	63	6	22	40	17			
TK90° R390.17 D80 A27 Z07-H	80	7	27	50	17			
TK90° R390.17 D100 A32 Z08-H	100	8	32	50	17			
TK90° R390.17 D125 B40 Z09	125	9	40	63	17			

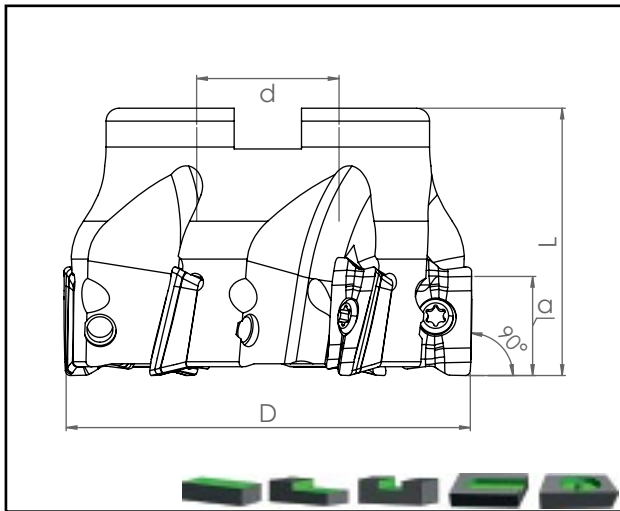
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER

Face Milling Cutter



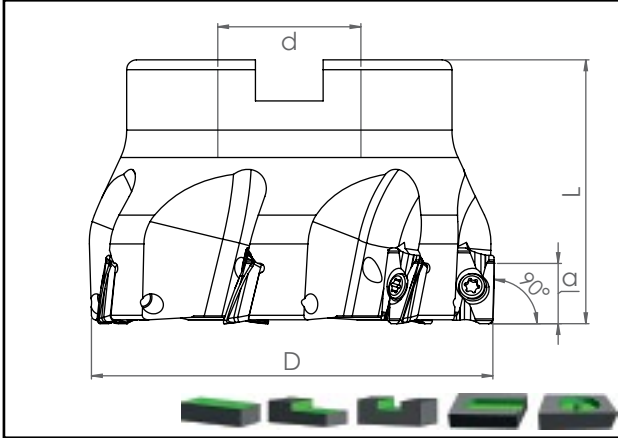
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TK90° XOMX 1204 / 1806..	D	Z	d	L	a		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
TK90° XO12 D40 A16 Z05-H	40	5	16	40	11	XOMX 1204.. SECO UCA UYGUNDUR FOR SECO INSERT	SC-SSV M3.5x7	T10
TK90° XO12 D50 A22 Z06-H	50	6	22	40	11			
TK90° XO12 D63 A22 Z08-H	63	8	22	40	11			
TK90° XO12 D80 A27 Z09-H	80	9	27	50	11			
TK90° XO12 D100 A32 Z11-H	100	11	32	50	11			
TK90° XO12 D125 B40 Z12	125	12	40	63	11			
TK90° XO18 D50 A22 Z04-H	50	4	22	40	17	XOMX 1806.. SECO UCA UYGUNDUR FOR SECO INSERT	SSV M4.5x11	T15
TK90° XO18 D63 A22 Z05-H	63	5	22	40	17			
TK90° XO18 D80 A27 Z07-H	80	7	27	50	17			
TK90° XO18 D100 A32 Z09-H	100	9	32	50	17			
TK90° XO18 D125 B40 Z10	125	10	40	63	17			



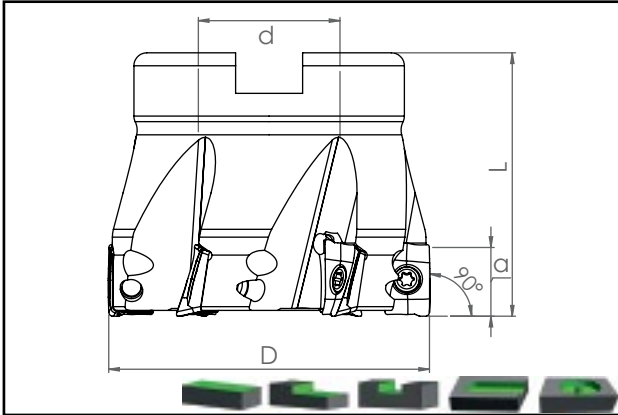
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° BDMT 1704..	D	Z	d	L	a		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
TK90° BD17 D50 A22 Z05-H	50	5	16	40	15.7	BDMT 1704.. KYCR UCA UYGUNDUR FOR KYCR INSERT	SSV M4x11	T15
TK90° BD17 D63 A22 Z06-H	63	6	22	40	15.7			
TK90° BD17 D80 A27 Z07-H	80	7	27	50	15.7			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° AOMT 1206..	D	Z	d	L	a	 AOMT 1206.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° AO12 D40 A16 Z05-H	40	5	16	40		SSV M2.5x7	T08
	TK90° AO12 D50 A22 Z06-H	50	6	22	40			
	TK90° AO12 D63 A22 Z07-H	63	7	22	40			
	TK90° AO12 D80 A27 Z08-H	80	9	27	50			
	TK90° AO12 D100 A32 Z10-H	100	10	32	50			

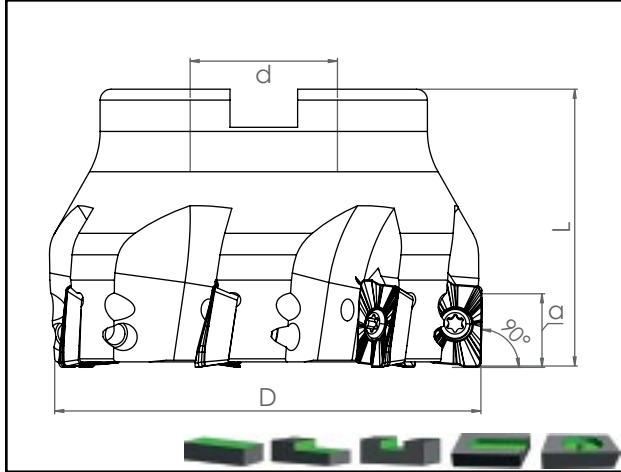


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° AXMT 1235 / 1705..	D	Z	d	L	a	 AXMT 1235.. SMTM UCA UYGUNDUR FOR SMTM INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° AX12 D40 A16 Z05-H	40	5	16	40		SSV M3x9	T08
	TK90° AX12 D50 A22 Z06-H	50	6	22	40			
	TK90° AX12 D63 A22 Z07-H	63	7	22	40			
	TK90° AX12 D80 A27 Z09-H	80	9	27	50			
TK90° AX17 D40 A16 Z04-H	40	4	16	40	16	AXMT 1705.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M4x11	T15
	TK90° AX17 D50 A22 Z05-H	50	5	22	40			
	TK90° AX17 D63 A22 Z06-H	63	6	22	40			
	TK90° AX17 D80 A27 Z07-H	80	7	27	50			
	TK90° AX17 D100 A32 Z08-H	100	8	32	50			

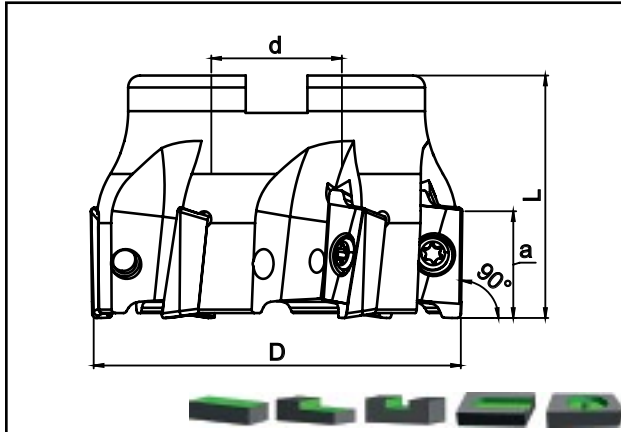
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER

Face Milling Cutter

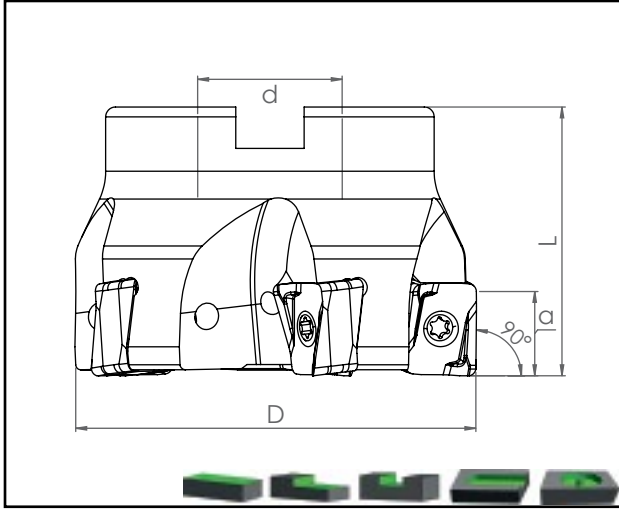


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° ADMT 10T3 / 1606..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° AD10T3 D40 A16 Z05-H	40	5	16	40	10	ADMT 10T3.. WLTR UCA UYGUNDUR FOR WLTR INSERT		
TK90° AD10T3 D50 A22 Z06-H	50	6	22	40	10		SSV M2.5x7	T08
TK90° AD10T3 D63 A22 Z07-H	63	7	22	40	10			
TK90° AD1606 D50 A22 Z05-H	50	5	22	40	15	ADMT 1606.. WLTR UCA UYGUNDUR FOR WLTR INSERT	SSV M3.5x11	T15
TK90° AD1606 D63 A22 Z06-H	63	6	22	40	15			
TK90° AD1606 D80 A27 Z07-H	63	7	22	50	15			

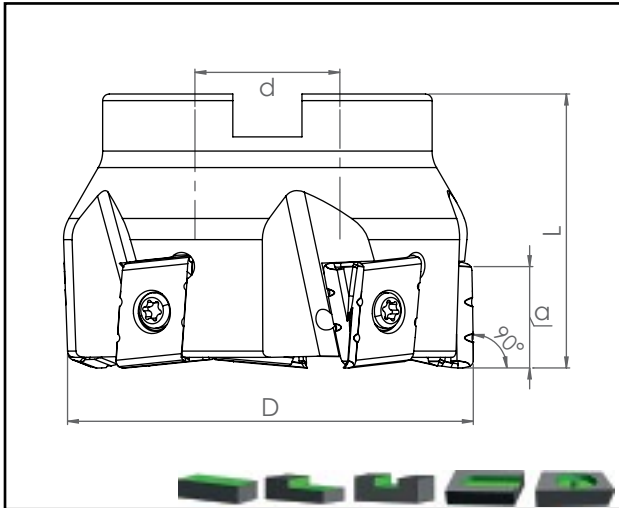


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° RT 1003 / 1606..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° RT10 D40 A16 Z05-H	40	5	16	40	10	RT 1003 SAFETY UCA UYGUNDUR FOR SAFETY INSERT		
TK90° RT10 D50 A22 Z06-H	50	6	22	40	10		SSV M2.5x7	T08
TK90° RT10 D63 A22 Z07-H	63	9	22	40	10			
TK90° RT16 D50 A22 Z05-H	50	5	22	40	16	RT 1606 SAFETY UCA UYGUNDUR FOR SAFETY INSERT	SSV M4X11	T15
TK90° RT16 D63 A22 Z06-H	63	6	22	40	16			
TK90° RT16 D80 A27 Z07-H	80	7	27	50	16			
TK90° RT16 D100 A32 Z08-H	100	8	32	50	16			

YÜZEY FREZELER Face Milling Cutter

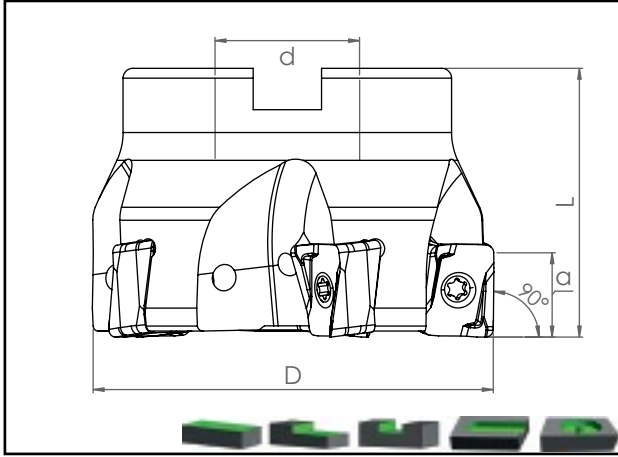


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° ANGX 1105 / 1506..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° AN11 D40 A16 Z05-H	40	5	16	40	11	ANGX 1105.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT		
TK90° AN11 D50 A22 Z06-H	50	6	22	40	11		SSV M3x9	T08
TK90° AN11 D63 A22 Z07-H	63	7	22	40	11			
TK90° AN15 D50 A22 Z04-H	50	4	22	40	14	ANGX 1506.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	SSV M4x11	T15
TK90° AN15 D63 A22 Z05-H	63	5	22	40	14			
TK90° AN15 D80 A27 Z07-H	80	7	27	50	14			
TK90° AN15 D100 A32 Z09-H	100	9	32	50	14			

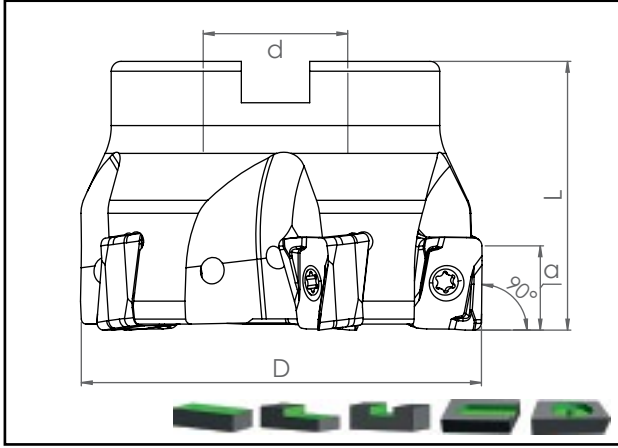


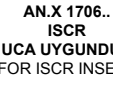
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° LNKT 1506..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° LNKT15 D50 A22 Z04-H	50	4	22	40	12	LNKT 1506.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT		
TK90° LNKT15 D63 A22 Z05-H	63	5	22	40	12		SSV M4x11	T15
TK90° LNKT15 D80 A27 Z06-H	80	6	27	50	12			
TK90° LNKT15 D100 A32 Z07-H	100	7	32	50	12			
TK90° LNKT15 D125 B40 Z08	125	8	40	63	12			

YÜZEY FREZELER Face Milling Cutter



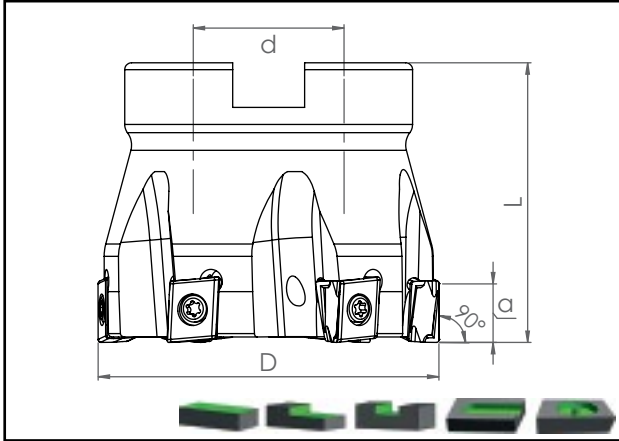
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TK90° LNG. 1205..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	50	4	22	40	12			
	63	6	22	40	12		SSV M4x11	T15
	80	7	27	50	12			
	100	9	32	50	12			



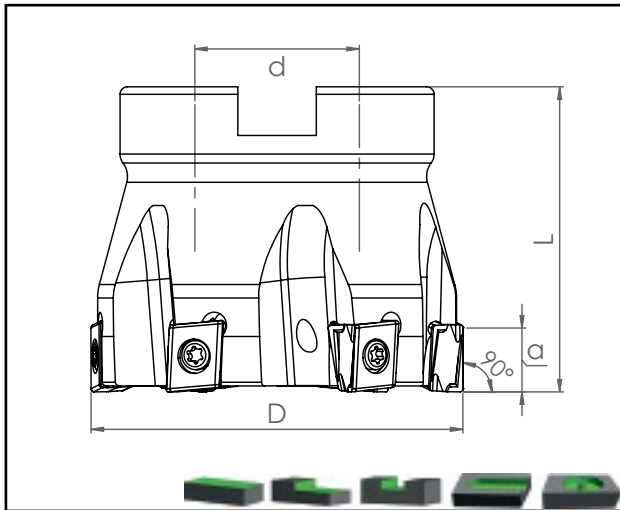
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° AN.X 1205 / 1706..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	50	4	22	40	12			
	63	5	22	40	12		SSV M4x11	T15
	80	6	27	50	12			
	100	8	32	50	12			
TK90° AN17 1205 / 1706..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	50	4	22	40	16.30			
	63	6	22	40	16.30		SSV M5X11	T20
	80	7	27	50	16.30			
	100	8	32	50	16.30			

YÜZEY FREZELER

Face Milling Cutter



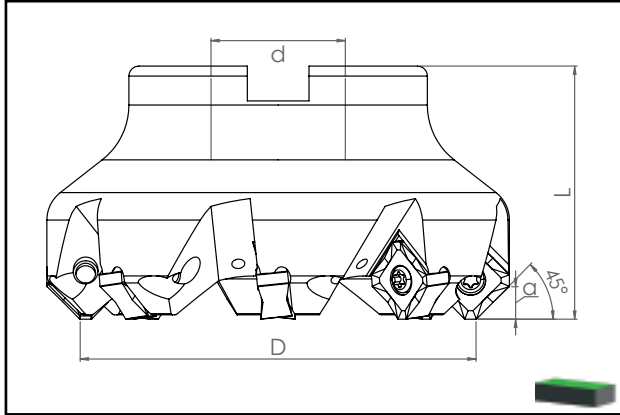
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° LN.. 0804 / 1306..	D	Z	d	L	a	 LN.. 0804.. ISCR UCA UYGUNDUR FOR ISCR INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° LN08 D40 A16 Z05-H	50	5	16	40		SSV M2.5x7	T08
	TK90° LN08 D50 A22 Z06-H	50	6	22	40			
	TK90° LN08 D63 A22 Z08-H	63	8	22	40			
TK90° LN08 D80 A27 Z09-H	80	9	27	50	7	LN.. 1306.. ISCR UCA UYGUNDUR FOR ISCR INSERT	SSV M3.5x11	T15
	TK90° LN13 D50 A22 Z05-H	50	6	22	40			
	TK90° LN13 D63 A22 Z07-H	63	8	22	40			
	TK90° LN13 D80 A27 Z09-H	80	9	27	50			
	TK90° LN13 D100 A32 Z10-H	100	9	32	50			
	TK90° LN13 D125 B40 Z12	125	9	32	50			



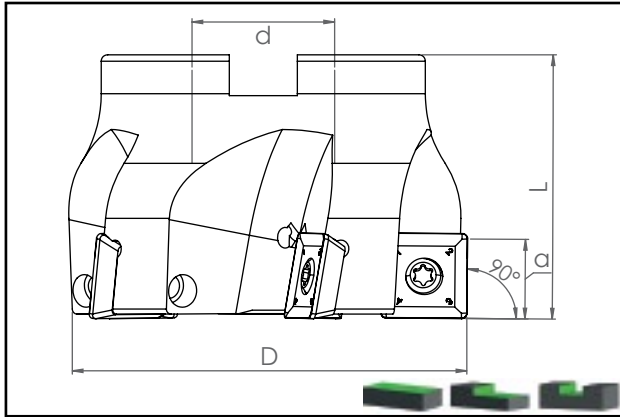
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° LNHU 0912..	D	Z	d	L	a	 LNHU 0912.. WLTR UCA UYGUNDUR FOR WLTR INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° LN09 D40 A16 Z05-H	40	5	16	40		SSV M3x9	T08
	TK90° LN09 D50 A22 Z06-H	50	6	22	40			
	TK90° LN09 D63 A22 Z07-H	63	7	22	40			
	TK90° LN09 D80 A27 Z09-H	80	9	27	50			

YÜZEY FREZELER

Face Milling Cutter

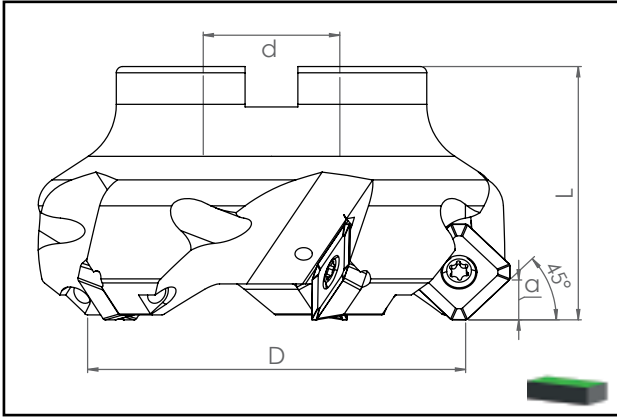


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK45° SN.. 1206..	D	Z	d	L	a	 SN..1206.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	TK45° SN12 D50 A22 Z05-H	50	5	22	40	6		
	TK45° SN12 D63 A22 Z07-H	63	7	22	40	6		
	TK45° SN12 D80 A27 Z08-H	80	8	27	50	6		
	TK45° SN12 D100 A32 Z10-H	100	10	32	50	6		
	TK45° SN12 D125 B40 Z11	125	11	40	63	6		
	TK45° SN12 D160 C40 Z12	160	12	40	63	6		
	TK45° SN12 D200 B60 Z14	200	14	60	63	6		
	TK45° SN12 D315 D60 Z20	315	20	60	63	6		

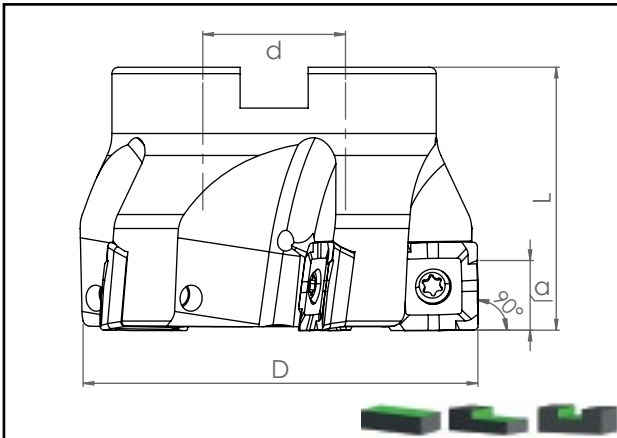


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° R290.12 / SE12T3	D	Z	d	L	a	 R290.12 / SE..12T3.. SDVK / ZCC-CT UCA UYGUNDUR FOR SDVK / ZCC-CT INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	TK90° R290.12 D50 A22 Z04-H	50	4	22	40	12		
	TK90° R290.12 D63 A22 Z05-H	63	5	22	40	12		
	TK90° R290.12 D80 A27 Z07-H	80	7	27	50	12		
	TK90° R290.12 D100 A32 Z09-H	100	9	32	50	12		
	TK90° R290.12 D125 B40 Z11	125	11	40	63	12		

YÜZEY FREZELER Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK45° R245.12T3 SEET 12T3..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK45° SE12 D50 A22 Z04-H	40	4	22	40	6	R245.12T3 / SEET 12T3.. SDVK / ZCC-CT UCA UYGUNDUR FOR SDVK / ZCC-CT INSERT		
TK45° SE12 D63 A22 Z05-H	63	5	22	40	6		SSV M3.5x11	T15
TK45° SE12 D80 A27 Z06-H	80	6	27	50	6			
TK45° SE12 D100 A32 Z07-H	100	7	32	50	6			
TK45° SE12 D125-B40 Z08	125	8	40	63	6			
TK45° SE12 D160 C40 Z10	160	10	40	63	6			

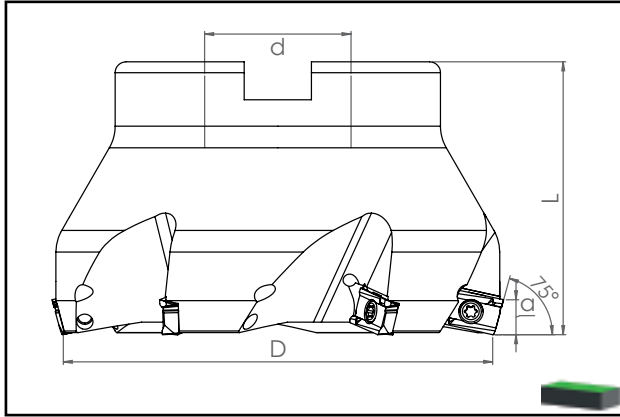


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° 490R-1404	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° 490R-14 D50 A22 Z04-H	50	4	22	40	10.6	490R-1404 SDVK UCA UYGUNDUR FOR SDVK INSERT		
TK90° 490R-14 D63 A22 Z05-H	63	5	22	40	10.6		SSV M3.5x11	T15
TK90° 490R-14 D80 A27 Z07-H	80	7	27	50	10.6			

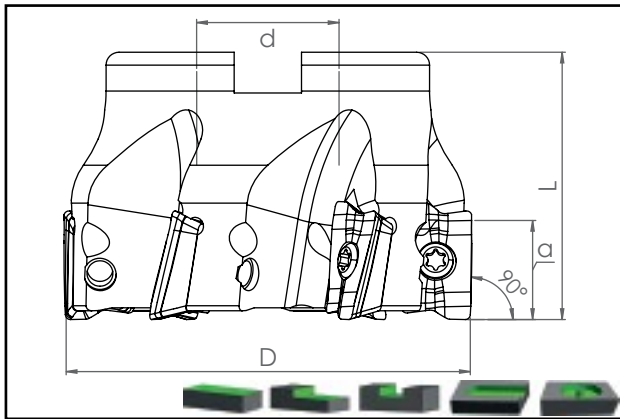
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER

Face Milling Cutter



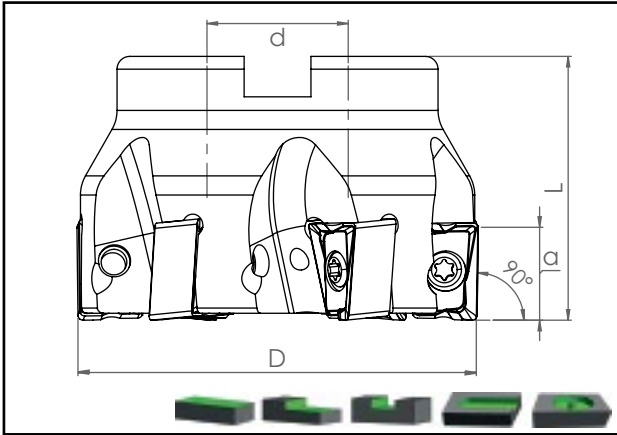
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK75° APKT 1003 / 1604..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK75° AP10 D63 A22 Z05-H	63	5	22	40	5	AP.1003.. ISO UCA UYGUNDUR FOR ISO INSERT		
TK75° AP10 D80 A27 Z06-H	80	6	27	50	5		SSV M2.5x7	T08
TK75° AP10 D100 A32 Z07-H	100	7	32	50	5			
TK75° AP16 D63 A22 Z05	63	5	22	40	10	AP.1604.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
TK75° AP16 D80 A27 Z06	80	6	27	50	10			
TK75° AP16 D100 A32 Z07	100	7	32	50	10			
TK75° AP16 D125 B40 Z08	125	8	40	63	10			



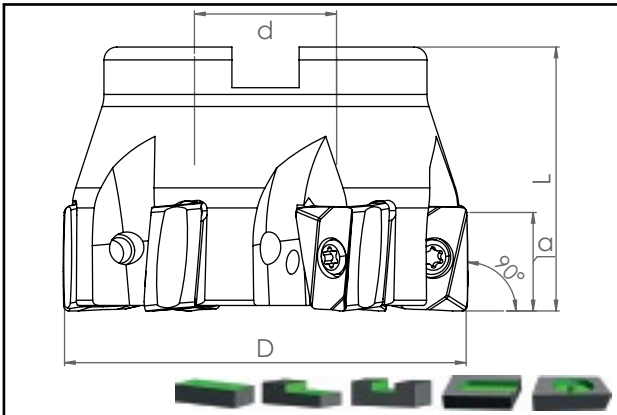
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° APKT 1705..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° AP17 D50 A22 Z05-H	50	5	22	40	16	APKT 1705.. TGTC UCA UYGUNDUR FOR TGTC INSERT		
TK90° AP17 D63 A22 Z06-H	63	6	22	40	16		SSV M4x11	T15
TK90° AP17 D80 A27 Z07-H	80	7	27	50	16			
TK90° AP17 D100 A32 Z09-H	100	9	32	50	16			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER Face Milling Cutter



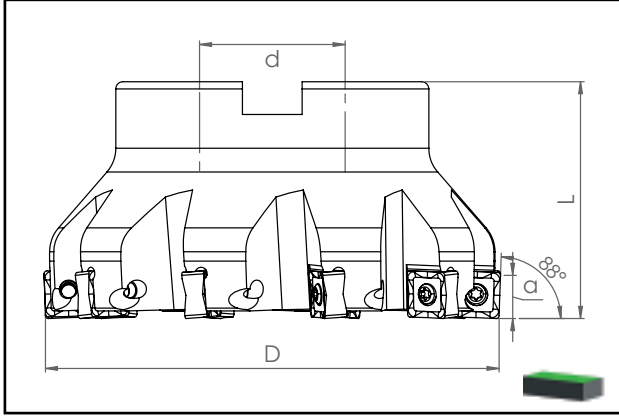
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° LN.X 1006 / 1510..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
							SSV M3x9	T08
TK90° LN10 D40 A16 Z05-H	40	5	16	40	9	LN.X 1510.. KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M4x11	T15
TK90° LN10 D50 A22 Z06-H	50	6	22	40	9			
TK90° LN10 D63 A22 Z07-H	63	7	22	40	9			
TK90° LN15 D50 A22 Z05-H	50	5	22	40	14			
TK90° LN15 D63 A22 Z06-H	63	6	22	40	14			
TK90° LN15 D80 A27 Z07-H	80	7	27	50	14			
TK90° LN15 D100 A32 Z09-H	100	9	32	63	14			
TK90° LN15 D125 C40 Z10	125	10	40	63	14			
TK90° LN15 D160 B40 Z12	160	12	40	63	14			



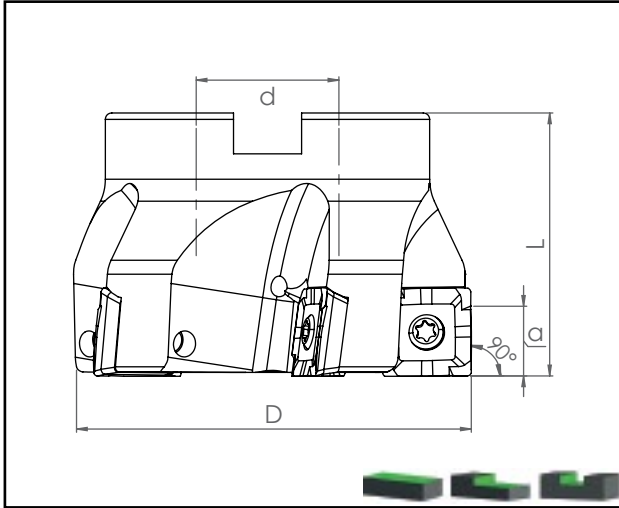
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° AN.X 1607..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
							SSV M4x11	T15
TK90° AN16 D50 A22 Z04-H	50	4	22	40	15	AN.X 1607.. TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M4x11	T15
TK90° AN16 D63 A22 Z06-H	63	6	22	40	15			
TK90° AN16 D80 A27 Z07-H	80	7	27	50	15			
TK90° AN16 D100 A32 Z08-H	100	8	32	50	15			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER Face Milling Cutter



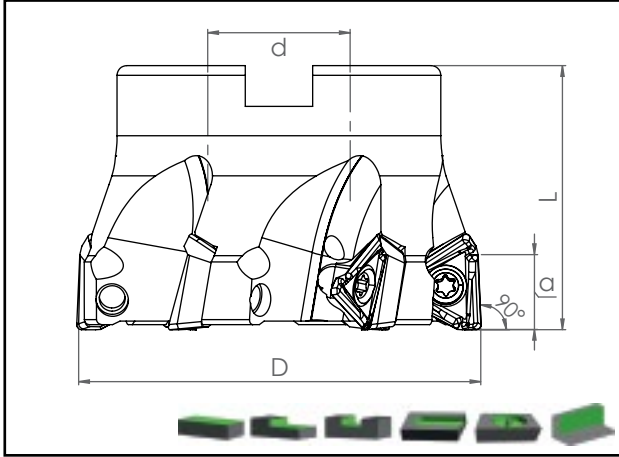
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK88° SN.. 1206..	D	Z	d	L	a		Sıkma Vidası Screw	Anahtar Torx Key
								
	TK88° SN12 D63 A22 Z06-H	63	6	22	40	10	SSV M4x11	T15
	TK88° SN12 D80 A27 Z07-H	80	7	27	50	10		
	TK88° SN12 D100 A32 Z09-H	100	9	32	50	10		
	TK88° SN12 D125 B40 Z10	125	10	40	63	10		
	TK88° SN12 D160 C40 Z11	160	11	40	63	10		
TK88° SN12 D200 B60 Z14	200	14	60	63	10			
						SN..1206.. ISO UCA UYGUNDUR FOR ISO INSERT		



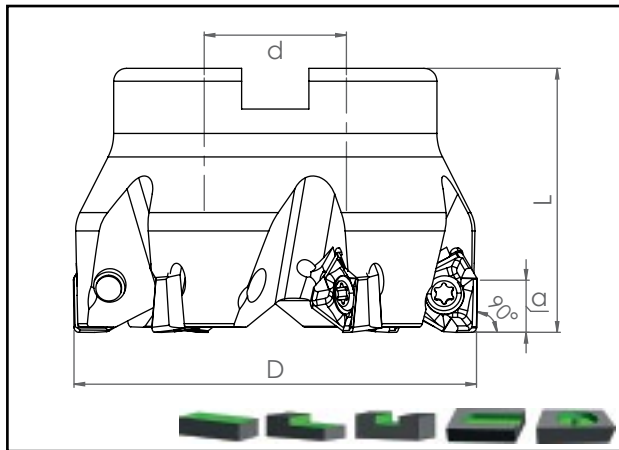
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° SOMT 12T3..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
							SSV M3.5x11	T15
TK90° SO12 D50 A22 Z04-H	50	4	22	40	11	SOMT 12T3.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT		
TK90° SO12 D63 A22 Z05-H	63	5	22	40	11			
TK90° SO12 D80 A27 Z07-H	80	7	27	50	11			

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° 3PKT 1505..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° 3P15 D50 A22 Z05-H	50	5	22	40	9	3PKT 1505.. TGTC UCA UYGUNDUR FOR TGTC INSERT		
TK90° 3P15 D63 A22 Z06-H	63	6	22	40	9		SSV M4x11	T15
TK90° 3P15 D80 A27 Z08-H	80	8	27	50	9			

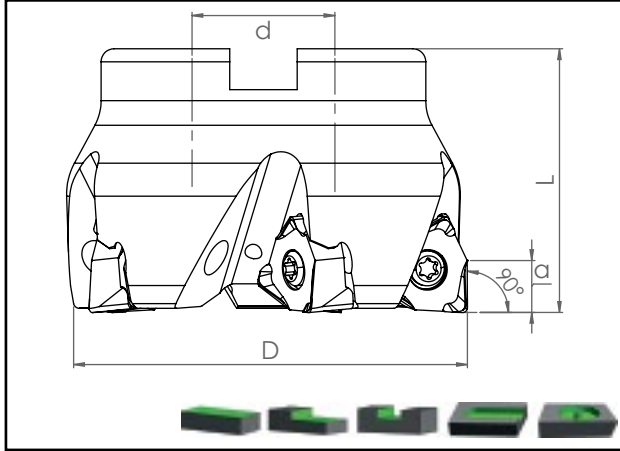


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° XNKT 0805 / 0808..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° XNKT08 D40 A16 Z04-H	40	4	16	40	7	XNKT 08.. KRLY UCA UYGUNDUR FOR KRLY INSERT		
TK90° XNKT08 D50 A22 Z05-H	50	5	22	40	7		SSV M4x11	T15
TK90° XNKT08 D63 A22 Z06-H	63	6	22	40	7			
TK90° XNKT08 D80 A27 Z07-H	80	7	27	50	7			
TK90° XNKT08 D100 A32 Z09-H	100	9	32	50	7			
TK90° XNKT08 D125 B40 Z10	125	10	40	63	7			

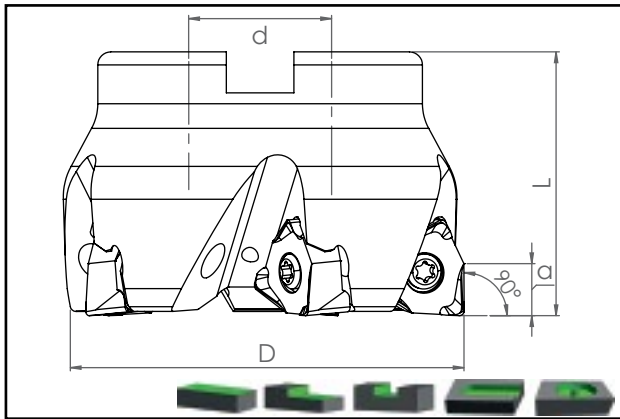
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER

Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° WN.. 0806..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	TK90° WN08 D50 A22 Z04-H	50	4	22	40	8		
	TK90° WN08 D63 A22 Z05-H	63	5	22	40	8		
	TK90° WN08 D80 A27 Z07-H	80	7	27	50	8		
	TK90° WN08 D100 A32 Z08	100	8	32	50	8		
	TK90° WN08 D125 B40 Z11	125	11	40	63	8		
							KY-SSV M5x13	T20

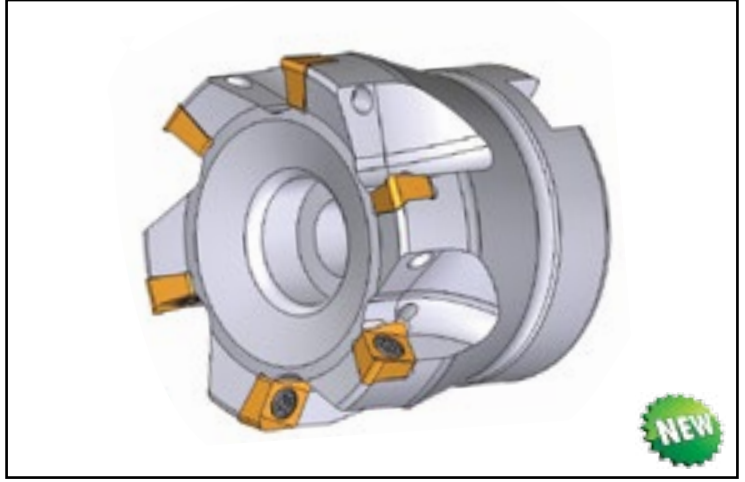
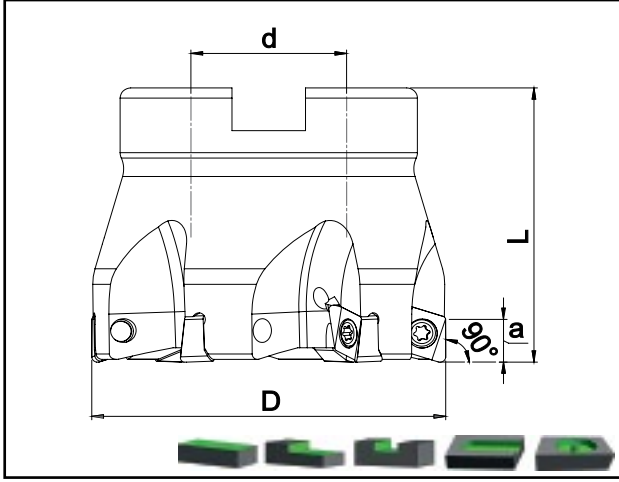


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° XNEX 0806..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	TK90° XN08 D50 A22 Z04-H	50	4	22	40	7.5		
	TK90° XN08 D63 A22 Z05-H	63	5	22	40	7.5		
	TK90° XN08 D80 A27 Z07-H	80	7	27	50	7.5		
	TK90° XN08 D100 A32 Z08	100	8	32	50	7.5		
	TK90° XN08 D125 B40 Z11	125	11	40	63	7.5		
							SSV M4x11	T15

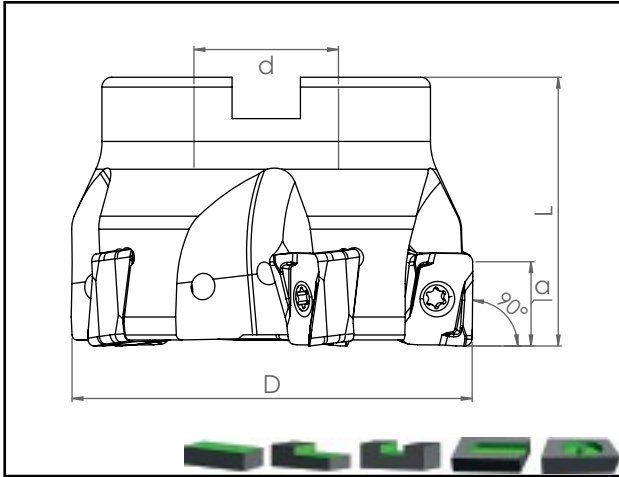
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER

Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° 4NKT 0603..	D	Z	d	L	a	 4NKT 0603.. TGTC UCA UYGUNDUR FOR TGTC INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° 4N06 D40 A16 Z05-H	40	5	16	40		SSV M3x9	T08
	TK90° 4N06 D50 A22 Z06-H	50	6	22	40			
TK90° 4N06 D63 A22 Z07-H	63	7	22	40	6			

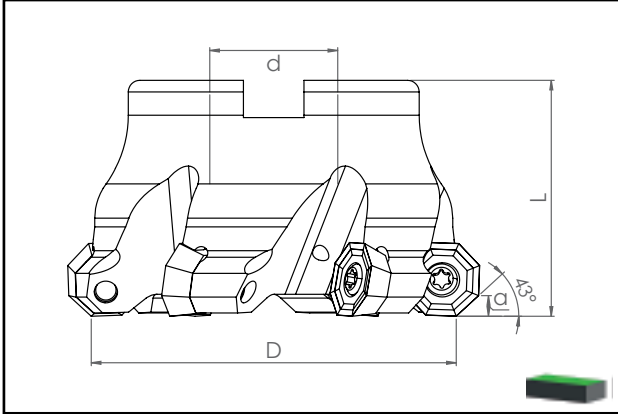


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° LNGX 1307..	D	Z	d	L	a	 LNGX 1307.. WLTR UCA UYGUNDUR FOR WLTR INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° LNGX13 D50 A22 Z04-H	50	4	22	40			
	TK90° LNGX13 D63 A22 Z05-H	63	5	22	40			
	TK90° LNGX13 D80 A27 Z06-H	80	6	27	50			
	TK90° LNGX13 D100 A32 Z07-H	100	7	32	50			
TK90° LNGX13 D125 B40 Z08	125	8	40	63	12			

HİÇTEN SU VERMELİ
H-WITH COOLANT HOLE

YÜZEY FREZELER

Face Milling Cutter

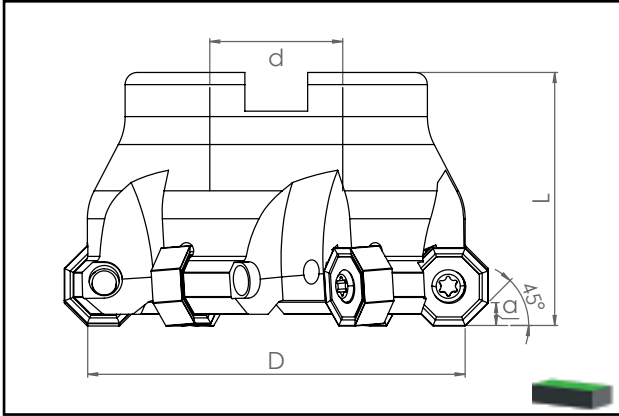


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK43° OD.. 0504	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK43° OD05 D40 A16 Z04-H	40	4	16	40	3.5	SSV M3.5x11	T15
	TK43° OD05 D50 A22 Z05-H	50	5	22	40	3.5		
	TK43° OD05 D63 A22 Z06-H	63	6	22	40	3.5		
	TK43° OD05 D80 A27 Z07-H	80	7	27	50	3.5		
	TK43° OD05 D100 A32 Z08-H	100	8	32	50	3.5		

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

OD.. 0504..
WLTR / PRAMET
UCA UYGUNDUR
FOR WLTR / PRAMET INSERT

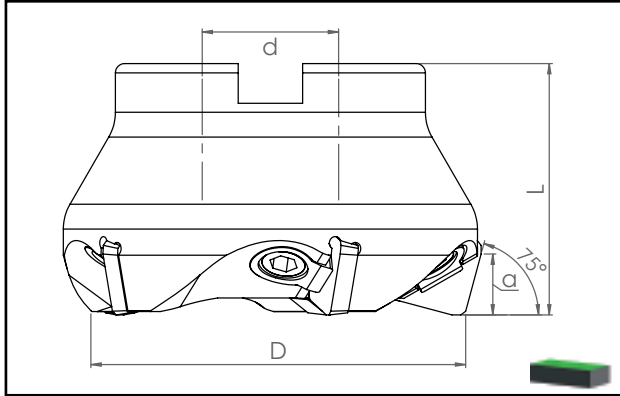
YÜZEY FREZELER Face Milling Cutter



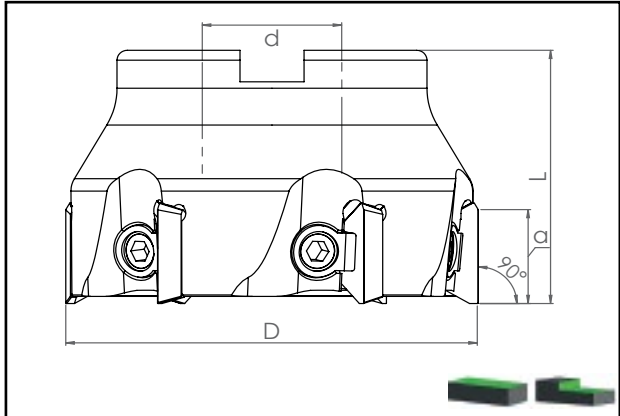
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK45° ON.X 0504 / 0606 / 0806..	D	Z	d	L	a			Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
TK45° ON05 D50 A22 Z05-H	50	5	22	40	2.5	ON.X 0504.. ISCR UCA UYGUNDUR FOR ISCR INSERT		KY-SSV M5x13	T20
TK45° ON05 D63 A22 Z06-H	63	6	22	40	2.5				
TK45° ON05 D80 A27 Z07-H	80	7	27	50	2.5				
TK45° ON05 D100 A32 Z08-H	100	8	32	50	2.5				
TK45° ON06 D63 A22 Z05-H	63	5	22	40	4	ON.X 0606.. KRLY UCA UYGUNDUR FOR KRLY INSERT		KY-SSV M5x13	T20
TK45° ON06 D80 A27 Z06-H	80	6	27	50	4				
TK45° ON06 D100 A32 Z07-H	100	7	32	50	4				
TK45° ON06 D125 B40 Z08	125	8	40	50	4				
TK45° ON08 D63 A22 Z05-H	63	5	22	40	5.5	ON.X 0806.. ISO UCA UYGUNDUR FOR ISO INSERT		KY-SSV M5x13	T20
TK45° ON08 D80 A27 Z06-H	80	6	27	50	5.5				
TK45° ON08 D100 A32 Z07-H	100	7	32	50	5.5				
TK45° ON08 D125 B40 Z08	125	8	40	63	5.5				
TK45° ON08 D160 C40 Z10	160	10	40	63	5.5				
TK45° ON08 D200 B60 Z12	200	12	60	63	5.5				

YÜZEY FREZELER

Face Milling Cutter

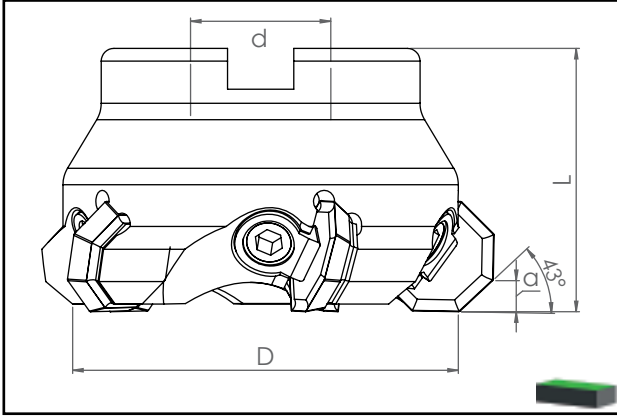


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
TK75° SPKN 1203..	D	Z	d	L	a	SPKN 1203.. ISO UCA UYGUNDUR FOR ISO INSERT	Baskı Parçası Clamp	Sıkma Vidası Screw	Anahtar Torx Key
	TK75° SP12 D50 A22 Z04	50	4	22	45	9.5			
	TK75° SP12 D63 A22 Z05	63	5	22	40	9.5			
	TK75° SP12 D80 A27 Z06	80	6	27	50	9.5			
	TK75° SP12 D100 A32 Z07	100	7	32	50	9.5			
	TK75° SP12 D125 B40 Z08	125	8	40	63	9.5			
	TK75° SP12 D160 C40 Z09	160	9	40	63	9.5			
	TK75° SP12 D200 B60 Z12	200	12	60	63	9.5			
	TK75° SP12 D315 D60 Z18	315	18	60	63	9.5			
							TKBP-1	TKSV-1 M8x1x20	AA5

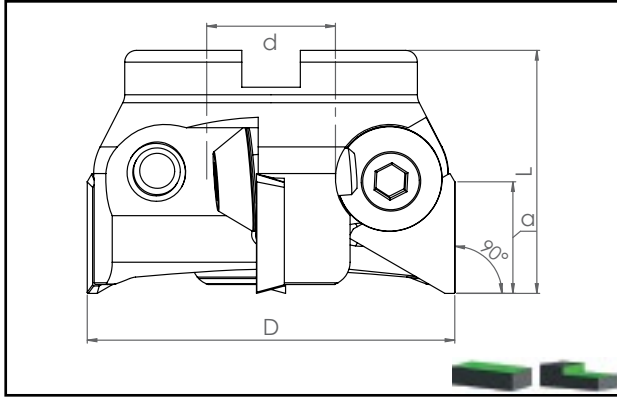


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
TK90° TPKN 1603 / 2205..	D	Z	d	L	a	TPKN 1603.. ISO UCA UYGUNDUR FOR ISO INSERT INSERT	Baskı Parçası Clamp	Sıkma Vidası Screw	Anahtar Torx Key
	TK90° TP16 D50 A22 Z04	50	4	22	40	12			
	TK90° TP16 D63 A22 Z06	63	6	22	40	12			
	TK90° TP16 D80 A27 Z07	80	7	27	50	12			
	TK90° TP16 D100 A32 Z08	100	8	32	50	12			
	TK90° TP16 D125 C40 Z09	125	9	40	63	12			
	TK90° TP22 D63 A22 Z05	63	5	22	40	18			
	TK90° TP22 D80 A27 Z06	80	6	27	50	18			
	TK90° TP22 D100 A32 Z07	100	7	32	50	18			
	TK90° TP22 D125 B40 Z08	125	8	40	63	18			
	TK90° TP22 D160 C40 Z09	160	9	40	63	18			
	TK90° TP22 D200 B60 Z12	200	12	60	63	18			
	TK90° TP22 D315 D60 Z18	315	18	60	63	18			
						TPKN 2205.. ISO UCA UYGUNDUR FOR ISO INSERT INSERT	TKBP-1	TKSV-1 M8x1x20	AA5

YÜZEY FREZELER Face Milling Cutter



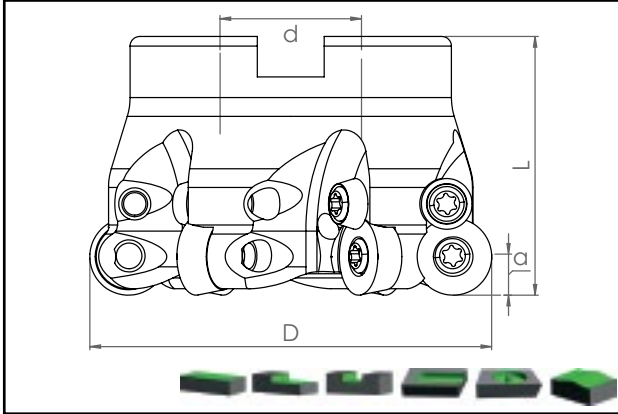
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
TK43° OF.. 07T3..	D	Z	d	L	a	OF..07T3.. ISO UCA UYGUNDUR FOR ISO INSERT	Baskı Parçası Clamp	Sıkma Vidası Screw	Anahtar Torx Key
	63	6	22	40	3				
	TK43° OF07T3 D63 A22 Z05	63	6	22	40	3	TKBP-1	TKSV-1 M8x1x20	AA5
	TK43° OF07T3 D80 A27 Z06	80	7	27	50	3			
	TK43° OF07T3 D100 A32 Z07	100	8	32	50	3			
	TK43° OF07T3 D125 B40 Z09	125	9	40	63	3			



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° TPKN 1603 / 2205..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	TK90° TP16 D50 A22 Z04	50	4	22	40	12	TPBV 6x10	AA4
	TK90° TP16 D63 A22 Z05	63	5	22	40	12		
	TK90° TP16 D80 A27 Z06	80	6	27	50	12		
	TK90° TP16 D100 A32 Z07	100	7	32	50	12		
	TK90° TP16 D125 B40 Z08	125	8	40	63	12		
TK90° TP16 D160 C40 Z09	160	9	40	63	12			
TK90° TP22 D63 A22 Z04	63	4	22	40	18	TPKN 2205.. ISO UCA UYGUNDUR FOR ISO INSERT	TPBV 8x10	AA5
TK90° TP22 D80 A27 Z05	80	5	27	50	18			
TK90° TP22 D100 A32 Z06	100	6	32	50	18			
TK90° TP22 D125 B40 Z07	125	7	40	63	18			
TK90° TP22 D160 C40 Z08	160	8	40	63	18			

KOPYA FREZELER

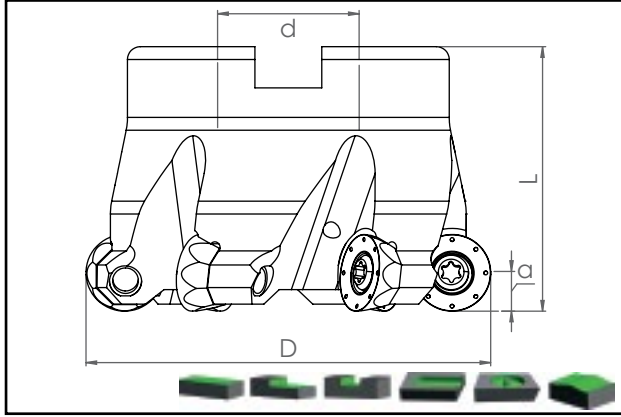
Copy Face Milling Cutter



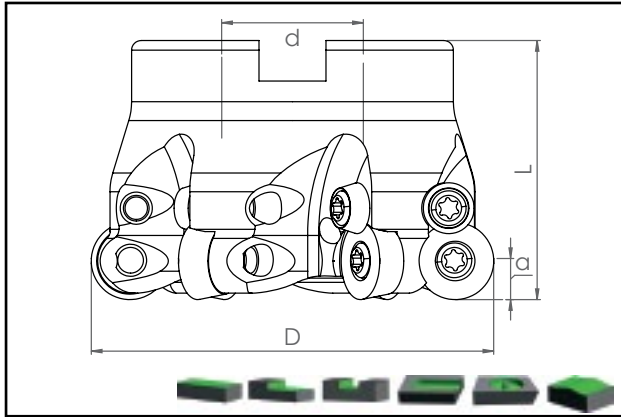
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS							
TK RDMT 1003 / 12T3.. RDMT 10T3 / 1204 / 1604	D	Z	d	L	a		Sıkma Vidası Screw	Baskı Kepi Clamp	Kep Vidası Clamp Screw	Anahtar Torx Key				
														
TK RD1003 D40 A16 Z04-H	40	4	16	40	5	RD..1003.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	RTBP-1	SSV M3.5x11	T15				
TK RD1003 D50 A22 Z05-H	50	5	22	40	5									
TK RD1003 D63 A22 Z06-H	63	6	22	40	5									
TK RD1003 D80 A27 Z07-H	80	7	27	50	5									
TK RD1003 D100 A32 Z08-H	100	8	32	50	5									
TK RD1003 D125 B40 Z09	125	9	40	63	5									
TK RD10T3 D40 A16 Z04-H	40	4	16	40	5	RD..10T3.. ISO UCA UYGUNDUR FOR ISO INSERT								
TK RD10T3 D50 A22 Z05-H	50	5	22	40	5									
TK RD10T3 D63 A22 Z06-H	63	6	22	40	5									
TK RD12T3 D40 A16 Z04-H	40	4	16	40	6	RD..12T3.. ISO UCA UYGUNDUR FOR ISO INSERT								
TK RD12T3 D50 A22 Z05-H	50	5	22	40	6									
TK RD12T3 D63 A22 Z06-H	63	6	22	40	6									
TK RD12T3 D80 A27 Z07-H	80	7	27	50	6									
TK RD12T3 D100 A32 Z08-H	100	8	32	50	6									
TK RD12T3 D125 B40 Z09	125	9	40	63	6									
TK RD1204 D40 A16 Z04-H	40	4	16	40	6	RD..1204.. ISO UCA UYGUNDUR FOR ISO INSERT								
TK RD1204 D50 A22 Z05-H	50	5	22	40	6									
TK RD1204 D63 A22 Z06-H	63	6	22	40	6									
TK RD1204 D80 A27 Z07-H	80	7	27	50	6									
TK RD1204 D100 A32 Z08-H	100	8	32	50	6									
TK RD1604 D63 A22 Z05-H	63	5	22	40	8	RD..1604.. ISO UCA UYGUNDUR FOR ISO INSERT	SSV M4x11	RTBP-2						
TK RD1604 D80 A27 Z06-H	80	6	27	50	8									
TK RD1604 D100 A32 Z07-H	100	7	32	50	8									

KOPYA FREZELER

Copy Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK QPMT 10T3 / 1204..	D	Z	d	L	a	 QPMT 10T3.. SMTM UCA UYGUNDUR FOR SMTM INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK QP10T3 D40 A16 Z04-H	40	4	16	40	5	SSV M3.5x11	T15
	TK QP10T3 D50 A22 Z05-H	50	5	22	40	5		
	TK QP10T3 D63 A22 Z06-H	63	6	22	40	5		
	TK QP10T3 D80 A27 Z07-H	80	7	27	50	5		
TK QP1204 D63 A22 Z06-H TK QP1204 D80 A27 Z07-H TK QP1204 D100 A32 Z09-H	63	6	22	40	6	QPMT 1204.. SMTM UCA UYGUNDUR FOR SMTM INSERT	SSV M4x11	T15
	80	7	27	50	6			
	100	9	32	50	6			

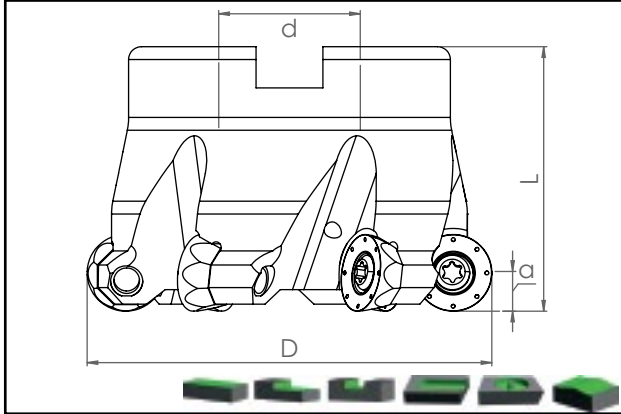


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
TK RCKT 10T3 / 1204..	D	Z	d	L	a		Sıkma Vidası Screw	Baskı Kepi Clamp	Kep Vidası Clamp Screw	Anahtar Torx Key
										
	TK RC10 D40 A16 Z04-H	40	4	16	40	5	SSV M3.5x11	RTBP-1	SSV M3.5x11	T15
	TK RC10 D50 A22 Z05-H	50	5	22	40	5				
	TK RC10 D63 A22 Z06-H	63	6	22	40	5				
TK RC12 D50 A22 Z05-H	50	5	22	40	6	RCKT 1204.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	SSV M3.5x11	RTBP-1	SSV M3.5x11	T15
TK RC12 D63 A22 Z06-H	63	6	22	40	6					
TK RC12 D80 A27 Z07-H	80	7	27	50	6					

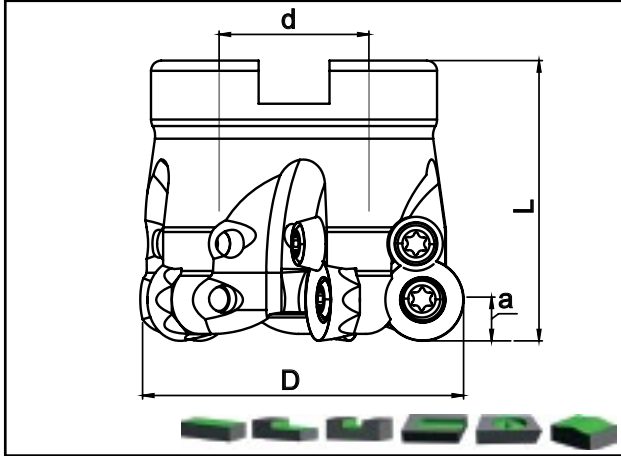
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

KOPYA FREZELER

Copy Face Milling Cutter



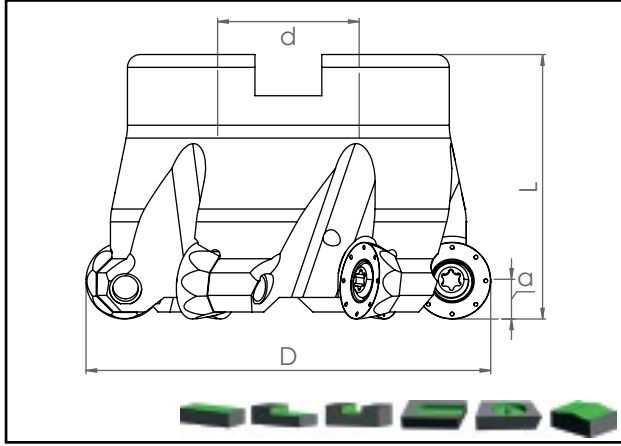
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TK RP.X 10T3 / 1204..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key						
														
						TK RP10 D40 A16 Z04-H	40	4	16	40	5	RP.X 10T3.. CRTZT UCA UYGUNDUR FOR CRTZT INSERT	SSV M3.5x11	T15
						TK RP10 D50 A22 Z05-H	50	5	22	40	5			
						TK RP10 D63 A22 Z06-H	63	6	22	40	5			
TK RP10 D80 A27 Z07-H	80	7	22	50	5									
TK RP12 D50 A22 Z05-H	50	5	22	40	6	RP.X 1204.. CRTZT UCA UYGUNDUR FOR CRTZT INSERT								
TK RP12 D63 A22 Z06-H	63	6	22	40	6									
TK RP12 D80 A27 Z07-H	80	7	27	50	6									
TK RP12 D100 A32 Z08-H	100	8	32	50	6									



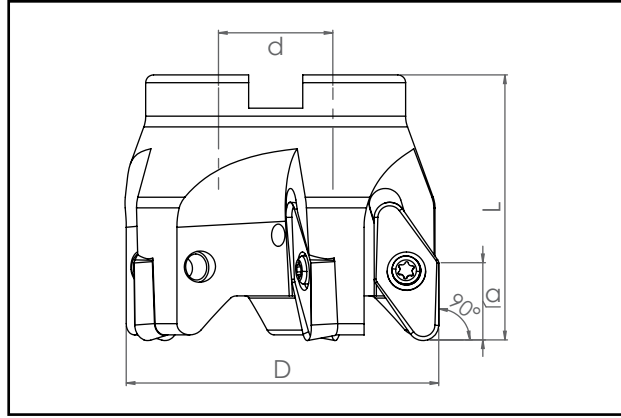
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
TK RCKT 1204..	D	Z	d	L	a	 RCKT 1204.. SDVK UCA UYGUNDUR FOR SDVK INSERT	Sıkma Vidası Clamp Screw	Baskı Kepi Clamp	Kep Vidası Clamp Screw	Anahtar Torx Key
	TK RC1204S D50 A22 Z05-H	50	5	22	40	6				
	TK RC1204S D63 A22 Z06-H	63	6	22	40	6	SSV M3.5x11	RTBP-1	SSV M3.5x11	T15
	TK RC1204S D80 A27 Z07-H	80	7	27	50	6				

KOPYA FREZELER

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KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK RPMT 1204..	D	Z	d	L	a	 RPMT 1204.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK RP1204 D40 A16 Z04-H	40	4	16	40		SSV M4x11	T15
	TK RP1204 D50 A22 Z05-H	50	5	22	40			
	TK RP1204 D63 A22 Z06-H	63	6	22	40			
TK RP1204 D80 A27 Z07-H	80	7	27	50	6			



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° VCGT 1606 / 2205..	D	Z	d	L	a	 VCGT 1606.. ISO UCA UYGUNDUR FOR ISO INSERT	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90° VC16 D40 A16 Z03	40	3	22	50		SSV M3.5x11	T15
	TK90° VC16 D50 A22 Z04	50	4	22	50			
	TK90° VC16 D63 A22 Z05	63	5	22	50			
TK90° VC16 D80 A27 Z06	80	6	27	50	11			
TK90° VC22 D50 A22 Z04	50	4	22	50	14	VCGT 2205.. ISO UCA UYGUNDUR FOR ISO INSERT	KT-SSV M5X13	T20
TK90° VC22 D63 A22 Z05	63	5	22	50	14			
TK90° VC22 D80 A27 Z06	80	6	27	50	14			

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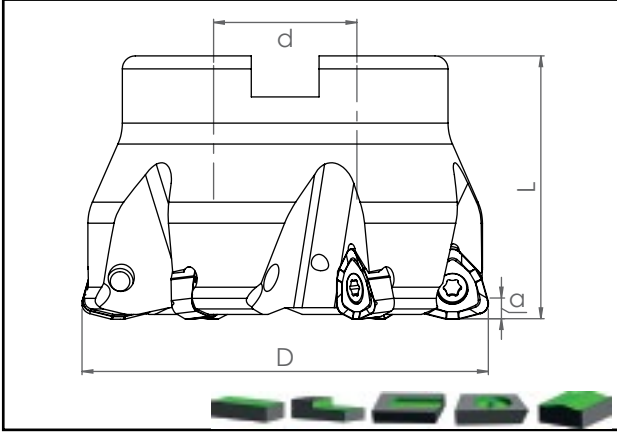
HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter

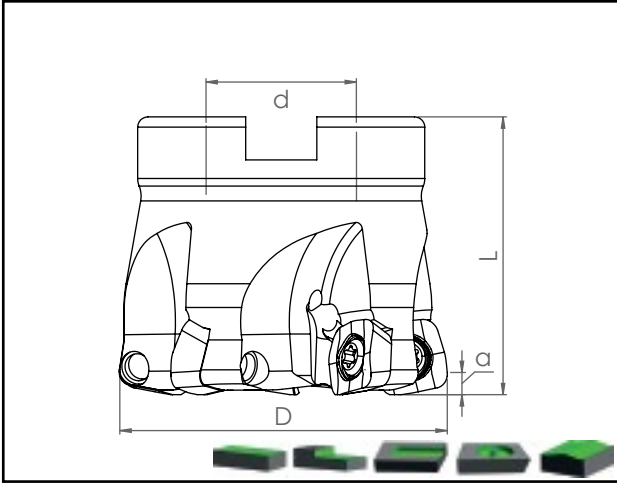


HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK WNMX 09T3..	D	Z	d	L	a	 WNMX 09T3.. KRLY UCA UYGUNDUR FOR KRLY INSERT	Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
							SSV M3x9	T08
HTK WN09 D40 A16 Z04-H	40	4	16	40	1.5			
HTK WN09 D50 A22 Z05-H	50	5	22	40	1.5			
HTK WN09 D63 A22 Z06-H	63	6	22	40	1.5			

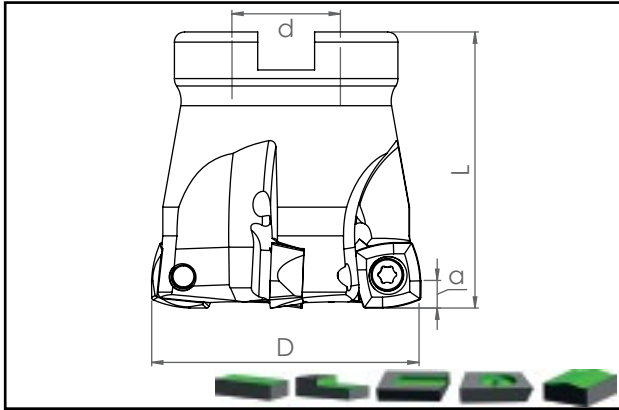


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK SOMT 1004..	D	Z	d	L	a	 SOMT 1004.. KYCR UCA UYGUNDUR FOR KYCR INSERT	Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
							SSV M4x11	T15
HTK SO10 D40 A16 Z04-H	40	4	16	40	1.2			
HTK SO10 D50 A22 Z05-H	50	5	22	40	1.2			
HTK SO10 D63 A22 Z06-H	63	6	22	40	1.2			

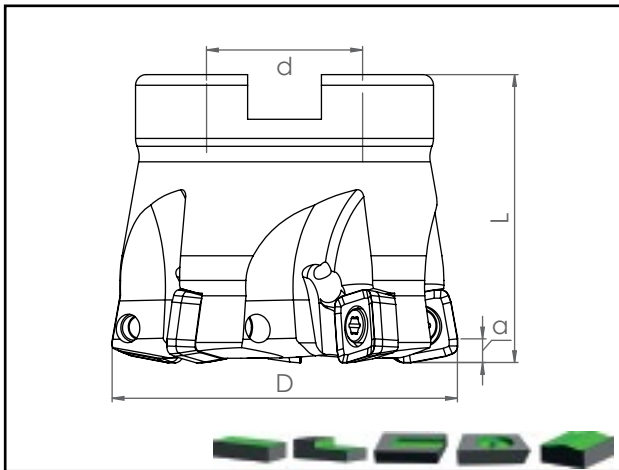
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter



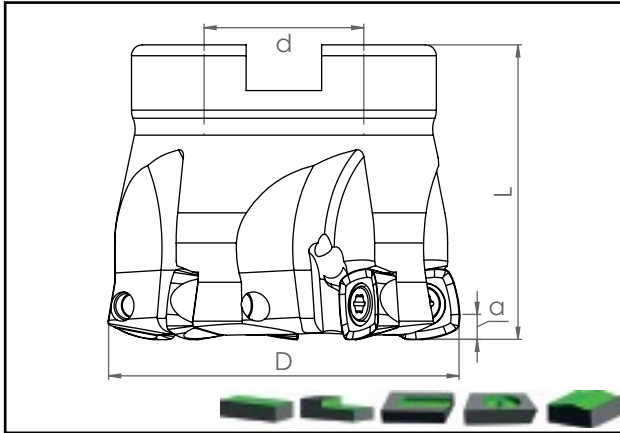
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK SDMT 09T3 / 1204..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	HTK SDMT09 D40 A16 Z04-H	40	4	16	40	1.4	SSV M3.5x11	T15
	HTK SDMT09 D50 A22 Z05-H	50	5	22	40	1.4		
	HTK SDMT09 D63 A22 Z06-H	63	6	22	40	1.4		
	HTK SDMT12 D50 A22 Z04-H	50	4	22	40	1.8		
HTK SDMT12 D63 A22 Z05-H	63	5	22	40	1.8	SDMT 1204.. ZCC-CT UCA UYGUNDUR FOR ZCC-CT INSERT	SSV M4x11	



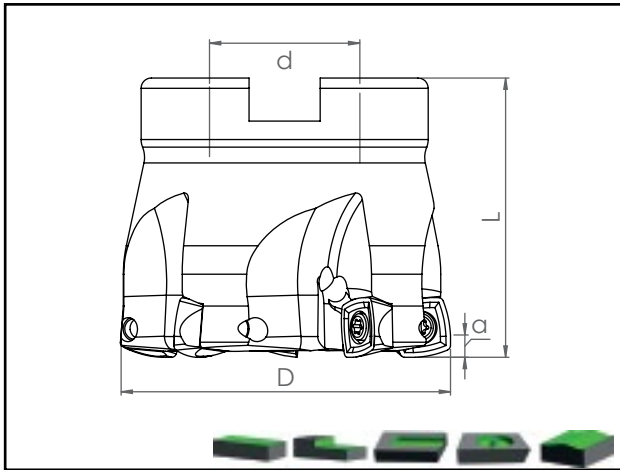
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK R210.09..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	HTK R210.09 D40 A16 Z04-H	40	4	16	40	1.2	SSV M3.5x11	T15
	HTK R210.09 D50 A22 Z05-H	50	5	22	40	1.2		
HTK R210.09 D63 A22 Z06-H	63	6	22	40	1.2	R210.09.. SDVK UCA UYGUNDUR FOR SDVK INSERT		

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ YÜZEY FREZELER High Feed Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK XDLX 09T3..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
	40	4	16	40	1.2			
	50	5	22	40	1.2		SSV M3.5x11	T15
	63	6	22	40	1.2			

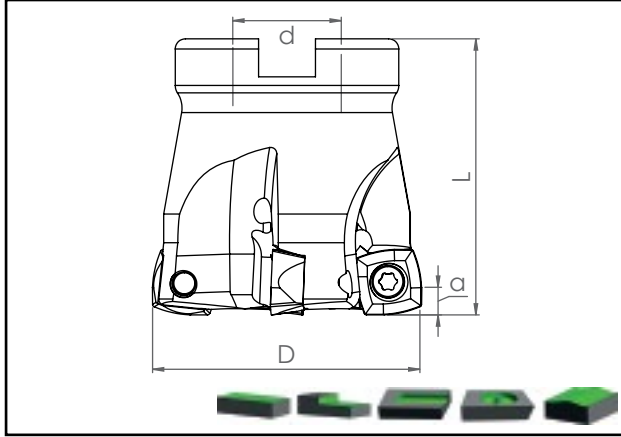


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK SPKT 08T3..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
	40	4	16	40	1.5			
	50	5	22	40	1.5		SSV M3x9	T08
	63	6	22	40	1.5			

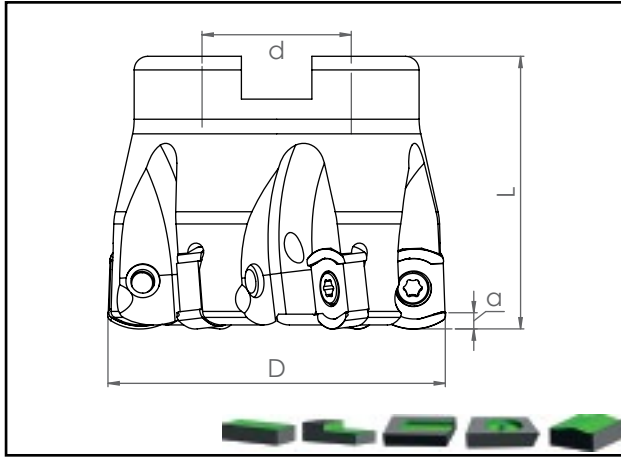
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK SDKX 0904 / 1205..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	HTK SD09 D40 A16 Z04-H	40	4	16	40	1.4	SSV M3.5x11	T15
	HTK SD09 D50 A22 Z05-H	50	5	22	40	1.4		
	HTK SD09 D63 A22 Z06-H	63	6	22	40	1.4		
	HTK SD12 D50 A22 Z04-H	50	4	22	40	1.8		
	HTK SD12 D63 A22 Z05-H	63	5	22	40	1.8		
						HTK SDKX 1205.. LAMINA UCA UYGUNDUR FOR LAMINA INSERT	SSV M4x11	

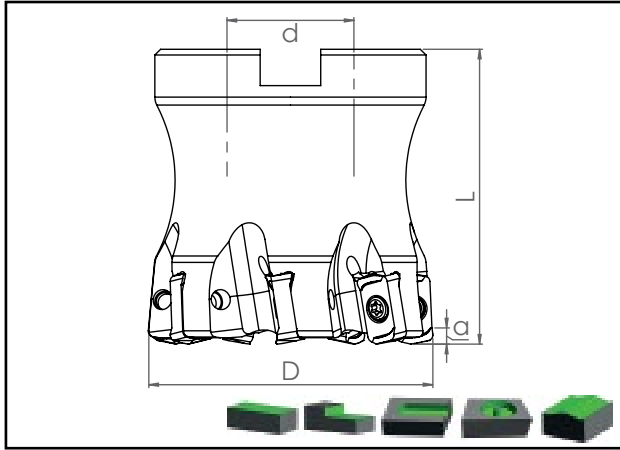


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK BLMP 0603 / 0904..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	HTK BL06 D40 A16 Z06-H	40	6	16	40	1	SSV M2.5x7	T08
	HTK BL06 D50 A22 Z07-H	50	7	22	40	1		
	HTK BL09 D40 A16 Z05-H	40	5	16	40	2		
	HTK BL09 D50 A22 Z06-H	50	6	22	40	2		
	HTK BL09 D63 A22 Z07-H	63	7	22	40	2		
						HTK BLMP 0904.. TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15

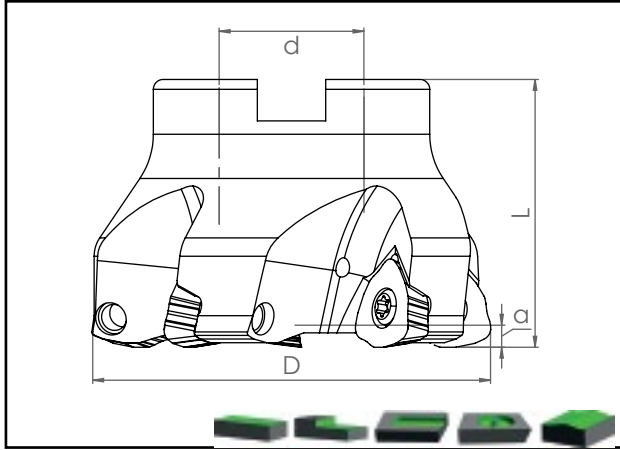
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK LOGU 0303..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
	40	5	16	40	1			
	50	7	22	40	1		SSV M3x9	T08
	63	9	22	40	1			

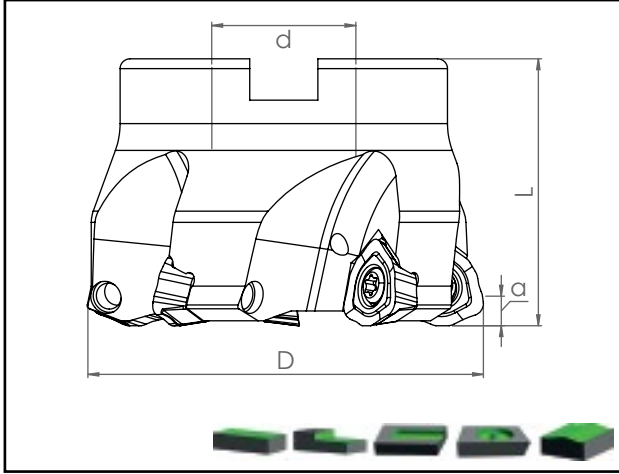


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK JDM.. 09T3 / 1204..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
	40	4	16	40	1.5			
	50	5	22	40	1.5		SSV M3.5x11	T15
	50	4	22	40	2		SSV M4x11	
	63	5	22	40	2			

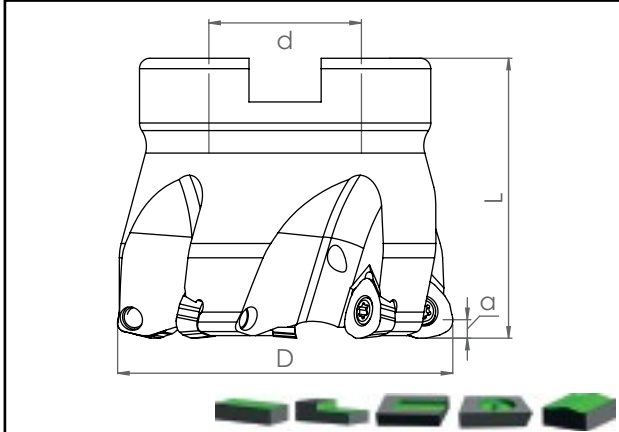
H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK WDMT 0804 / 1204..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
HTK WD08 D40 A16 Z04-H	40	4	16	40	1.5	WDMT 0804.. SMTM UCA UYGUNDUR FOR SMTM INSERT		
HTK WD08 D50 A22 Z05-H	50	5	22	40	1.5		SSV M3.5x9	T15
HTK WD12 D50 A22 Z04-H	50	4	22	40	2		SSV M4x11	
HTK WD12 D63 A22 Z05-H	63	5	22	40	2			

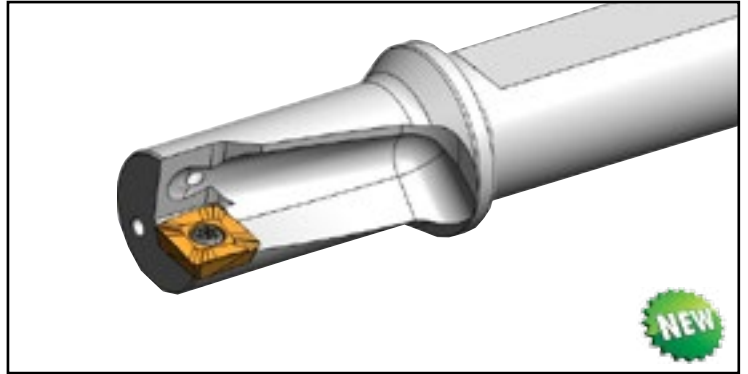
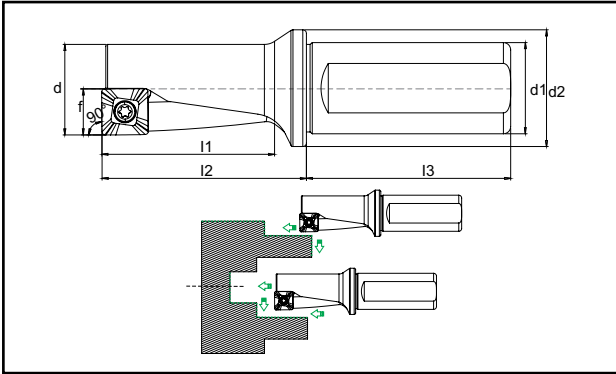


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HTK JOM. 0803..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
HTK JO08 D40 A16 Z04-H	40	4	16	40	1.5	JOM. 0803.. MTSBSH UCA UYGUNDUR FOR MTSBSH INSERT		
HTK JO08 D50 A22 Z05-H	50	5	22	40	1.5		SSV M3x9	T08

H-İÇTEN SU VERMELİ
H-WITH COOLANT HOLE

MULTI CUT

Multi Cut



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
SMC XCMT MULTI CUT	d	d1	d2	l1	l2	l3	F		Sıkma Vidası Clamp Screw	Anahtar Allen Key	
											
SMC 10x2.5 XC05	10	12	16	25	30	42	5	XC.. 0502..	SSV M2x6	T06	
SMC 12x2.5 XC06	12	16	20	30	35	45	6	XC.. 0602..	SSV M2.2X6	T07	
SMC 16x2.5 XC08	16	20	25	40	45	50	8	XC.. 0803..	SSV M3X9	T08	
SMC 20x2.5 XC10	20	25	32	50	55	56	10	XC.. 10T3..	SSV M3.5x9	T15	
SMC 25x2.5 XC13	25	32	40	62.5	69	60	12.5	XC.. 1304..	SSV M4.5x11		
SMC 32x2.5 XC17	32	40	50	80	88	70	16	XC.. 1705..			

Teknoloji profesyonellikle birleřti
Technology combined with professionalism

www.smoxh.com.tr

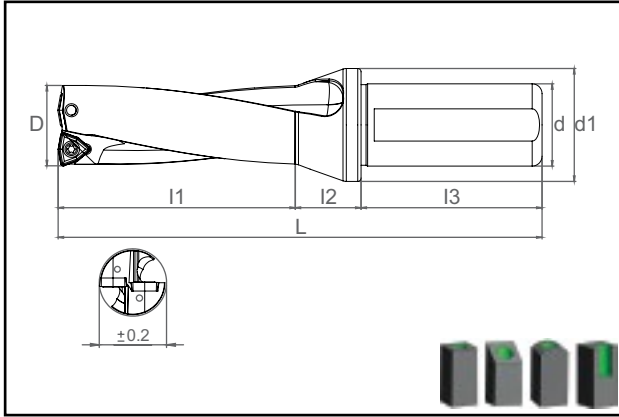
DEĐİŐKEN UÇLU MATKAPLAR

Indexable Drills



DEĞİŞKEN UÇLU MATKAPLAR

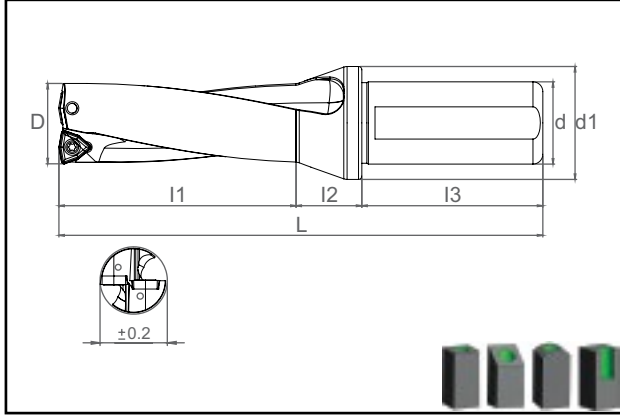
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM. D2 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16xD2 WCM.030208	16	25	34	108	32	52	56	WCM. 030208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 16.5xD2 WCM.030208	16.5	25	34	110	33	54	56			
SDUM 17xD2 WCM.030208	17	25	34	110	34	54	56			
SDUM 17.5xD2 WCM.030208	17.5	25	34	113	35	57	56			
SDUM 18xD2 WCM.030208	18	25	34	113	36	57	56			
SDUM 18.5xD2 WCM.030208	18.5	25	34	115	37	59	56			
SDUM 19xD2 WCM.030208	19	25	34	115	38	59	56			
SDUM 19.5xD2 WCM.030208	19.5	25	34	119	39	63	56			
SDUM 20xD2 WCM.040208	20	25	34	119	40	63	56	WCM. 040208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 20.5xD2 WCM.040208	20.5	25	34	121	41	65	56			
SDUM 21xD2 WCM.040208	21	25	34	121	42	65	56			
SDUM 21.5xD2 WCM.040208	21.5	25	34	123	43	67	56			
SDUM 22xD2 WCM.040208	22	25	34	123	44	67	56			
SDUM 22.5xD2 WCM.040208	22.5	25	34	127	45	71	56			
SDUM 23xD2 WCM.040208	23	25	34	127	46	71	56			
SDUM 23.5xD2 WCM.040208	23.5	25	34	130	47	74	56			
SDUM 24xD2 WCM.050308	24	25	44	130	48	74	56	WCM. 050308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
SDUM 24.5xD2 WCM.050308	24.5	25	44	133	49	77	56			
SDUM 25xD2 WCM.050308	25	25	44	133	50	77	56			
SDUM 25.5xD2 WCM.050308	25.5	25	44	135	51	79	56			
SDUM 26xD2 WCM.050308	26	25	44	135	52	79	56			
SDUM 26.5xD2 WCM.050308	26.5	25	44	137	53	81	56			
SDUM 27xD2 WCM.050308	27	25	44	137	54	81	56			
SDUM 27.5xD2 WCM.050308	27.5	25	44	140	55	84	56			
SDUM 28xD2 WCM.050308	28	25	44	140	56	84	56			
SDUM 28.5xD2 WCM.050308	28.5	25	44	142	57	86	56			
SDUM 29xD2 WCM.050308	29	25	44	142	58	86	56			
SDUM 29.5xD2 WCM.050308	29.5	25	44	151	59	91	56			

DEĞİŞKEN UÇLU MATKAPLAR

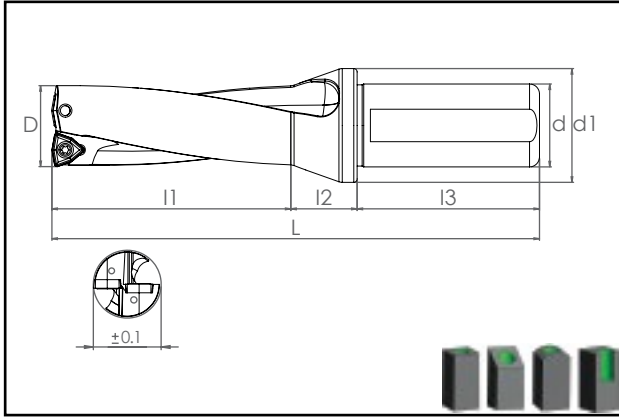
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM. D2 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 30XD2 WCM.06T308	30	32	44	151	60	91	60	WCM. 06T308 ISO UCA UYGUNDUR FOR ISO INSERT		T15
SDUM 31XD2 WCM.06T308	31	32	44	154	62	94	60			
SDUM 32XD2 WCM.06T308	32	32	44	156	64	96	60			
SDUM 33XD2 WCM.06T308	33	32	44	159	66	99	60			
SDUM 34XD2 WCM.06T308	34	32	44	161	68	101	60			
SDUM 35XD2 WCM.06T308	35	32	44	164	70	104	60			
SDUM 36XD2 WCM.06T308	36	32	44	167	72	107	60			
SDUM 37XD2 WCM.06T308	37	32	44	170	74	110	60			
SDUM 38XD2 WCM.06T308	38	32	44	173	76	113	60			
SDUM 39XD2 WCM.06T308	39	32	44	175	78	115	60			
SDUM 40XD2 WCM.06T308	40	32	44	178	80	118	60			
SDUM 41XD2 WCM.06T308	41	32	44	181	82	121	60			
SDUM 42XD2 WCM.06T308	42	32	44	183	84	123	60			
SDUM 43XD2 WCM.06T308	43	32	44	186	86	126	60			
SDUM 44XD2 WCM.06T308	44	32	44	188	88	128	60			
SDUM 45XD2 WCM.080412	45	40	54	202	90	132	70	WCM. 080412 ISO UCA UYGUNDUR FOR ISO INSERT		
SDUM 46XD2 WCM.080412	46	40	54	205	92	135	70			
SDUM 47XD2 WCM.080412	47	40	54	207	94	137	70			
SDUM 48XD2 WCM.080412	48	40	54	210	96	140	70			
SDUM 49XD2 WCM.080412	49	40	54	212	98	142	70			
SDUM 50XD2 WCM.080412	50	40	54	215	100	145	70			
SDUM 51XD2 WCM.080412	51	40	60	217	102	147	70			
SDUM 52XD2 WCM.080412	52	40	60	220	104	150	70			
SDUM 53XD2 WCM.080412	53	40	60	222	106	152	70			
SDUM 54XD2 WCM.080412	54	40	60	225	108	155	70			
SDUM 55XD2 WCM.080412	55	40	60	227	110	157	70			
SDUM 56XD2 WCM.080412	56	40	60	230	112	160	70			
SDUM 57XD2 WCM.080412	57	40	60	232	114	162	70			
SDUM 58XD2 WCM.080412	58	40	60	235	116	165	70			
SDUM 59XD2 WCM.080412	59	40	60	237	118	167	70			
SDUM 60XD2 WCM.080412	60	40	60	240	120	170	70			

DEĞİŞKEN UÇLU MATKAPLAR

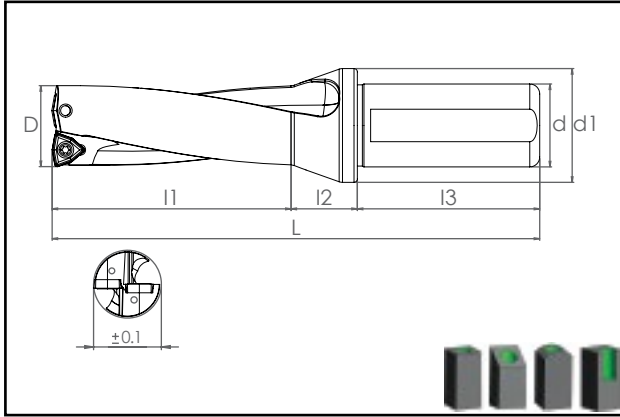
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM. D3 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16XD3 WCM.030208	16	25	34	108	48	68	56	WCM. 030208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 16.5XD3 WCM.030208	16.5	25	34	110	49.5	71	56			
SDUM 17XD3 WCM.030208	17	25	34	110	51	71	56			
SDUM 17.5XD3 WCM.030208	17.5	25	34	113	52.5	75	56			
SDUM 18XD3 WCM.030208	18	25	34	113	54	75	56			
SDUM 18.5XD3 WCM.030208	18.5	25	34	115	55.5	78	56			
SDUM 19XD3 WCM.030208	19	25	34	115	57	78	56			
SDUM 19.5XD3 WCM.030208	19.5	25	34	119	58.5	83	56			
SDUM 20XD3 WCM.040208	20	25	34	119	60	83	56	WCM. 040208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 20.5XD3 WCM.040208	20.5	25	34	121	61.5	86	56			
SDUM 21XD3 WCM.040208	21	25	34	121	63	86	56			
SDUM 21.5XD3 WCM.040208	21.5	25	34	123	64.5	89	56			
SDUM 22XD3 WCM.040208	22	25	34	123	66	89	56			
SDUM 22.5XD3 WCM.040208	22.5	25	34	127	67.5	94	56			
SDUM 23XD3 WCM.040208	23	25	34	127	69	94	56			
SDUM 23.5XD3 WCM.040208	23.5	25	34	130	70.5	98	56			
SDUM 24XD3 WCM.050308	24	25	44	130	72	98	56	WCM. 050308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3x9	T08
SDUM 24.5XD3 WCM.050308	24.5	25	44	133	73.5	102	56			
SDUM 25XD3 WCM.050308	25	25	44	133	75	102	56			
SDUM 25.5XD3 WCM.050308	25.5	25	44	135	76.5	105	56			
SDUM 26XD3 WCM.050308	26	25	44	135	78	105	56			
SDUM 26.5XD3 WCM.050308	26.5	25	44	137	79.5	108	56			
SDUM 27XD3 WCM.050308	27	25	44	137	81	108	56			
SDUM 27.5XD3 WCM.050308	27.5	25	44	140	82.5	112	56			
SDUM 28XD3 WCM.050308	28	25	44	140	84	112	56			
SDUM 28.5XD3 WCM.050308	28.5	25	44	142	85.5	115	56			
SDUM 29XD3 WCM.050308	29	25	44	142	87	115	56			
SDUM 29.5XD3 WCM.050308	29.5	25	44	151	88.5	121	56			

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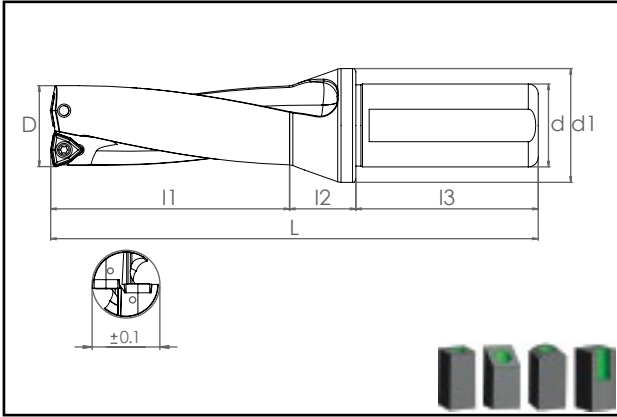
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM D3 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 30XD3 WCM.06T308	30	32	44	151	90	121	60	WCM. 06T308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
SDUM 31XD3 WCM.06T308	31	32	44	154	93	125	60			
SDUM 32XD3 WCM.06T308	32	32	44	156	96	128	60			
SDUM 33XD3 WCM.06T308	33	32	44	159	99	132	60			
SDUM 34XD3 WCM.06T308	34	32	44	161	102	135	60			
SDUM 35XD3 WCM.06T308	35	32	44	164	105	139	60			
SDUM 36XD3 WCM.06T308	36	32	44	167	108	143	60			
SDUM 37XD3 WCM.06T308	37	32	44	170	111	147	60			
SDUM 38XD3 WCM.06T308	38	32	44	173	114	151	60			
SDUM 39XD3 WCM.06T308	39	32	44	175	117	154	60			
SDUM 40XD3 WCM.06T308	40	32	44	178	120	158	60			
SDUM 41XD3 WCM.06T308	41	32	44	181	123	162	60			
SDUM 42XD3 WCM.06T308	42	32	44	183	126	165	60			
SDUM 43XD3 WCM.06T308	43	32	44	186	129	169	60			
SDUM 44XD3 WCM.06T308	44	32	44	188	132	172	60			
SDUM 45XD3 WCM.080412	45	40	54	202	135	177	70	WCM. 080412 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M4x11	
SDUM 46XD3 WCM.080412	46	40	54	205	138	181	70			
SDUM 47XD3 WCM.080412	47	40	54	207	141	184	70			
SDUM 48XD3 WCM.080412	48	40	54	210	144	188	70			
SDUM 49XD3 WCM.080412	49	40	54	212	147	191	70			
SDUM 50XD3 WCM.080412	50	40	54	215	150	195	70			
SDUM 51XD3 WCM.080412	51	40	60	217	153	198	70			
SDUM 52XD3 WCM.080412	52	40	60	220	156	201	70			
SDUM 53XD3 WCM.080412	53	40	60	222	159	204	70			
SDUM 54XD3 WCM.080412	54	40	60	225	162	207	70			
SDUM 55XD3 WCM.080412	55	40	60	227	165	210	70			
SDUM 56XD3 WCM.080412	56	40	60	230	168	213	70			
SDUM 57XD3 WCM.080412	57	40	60	232	171	216	70			
SDUM 58XD3 WCM.080412	58	40	60	235	174	219	70			
SDUM 59XD3 WCM.080412	59	40	60	237	177	222	70			
SDUM 60XD3 WCM.080412	60	40	60	240	180	225	70			

DEĞİŞKEN UÇLU MATKAPLAR

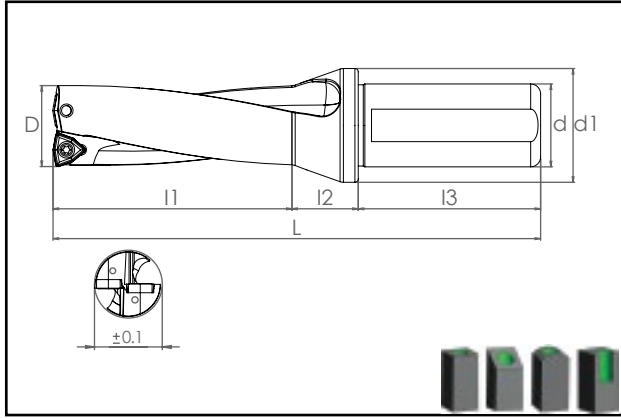
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM. D4 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16XD4 WCM.030208	16	25	34	140	64	84	56	WCM. 030208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 16.5XD4 WCM.030208	16.5	25	34	140	64	84	56			
SDUM 17XD4 WCM.030208	17	25	34	144	68	88	56			
SDUM 17.5XD4 WCM.030208	17.5	25	34	144	68	88	56			
SDUM 18XD4 WCM.030208	18	25	34	149	72	93	56			
SDUM 18.5XD4 WCM.030208	18.5	25	34	149	72	93	56			
SDUM 19XD4 WCM.030208	19	25	34	153	76	97	56			
SDUM 19.5XD4 WCM.030208	19.5	25	34	153	76	97	56			
SDUM 20XD4 WCM.040208	20	25	34	159	80	103	56			
SDUM 20.5XD4 WCM.040208	20.5	25	34	159	80	103	56			
SDUM 21XD4 WCM.040208	21	25	34	163	84	107	56	WCM. 040208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 21.5XD4 WCM.040208	21.5	25	34	163	84	107	56			
SDUM 22XD4 WCM.040208	22	25	34	167	88	111	56			
SDUM 22.5XD4 WCM.040208	22.5	25	34	167	88	111	56			
SDUM 23XD4 WCM.040208	23	25	34	173	92	117	56			
SDUM 23.5XD4 WCM.040208	23.5	25	34	173	92	117	56			
SDUM 24XD4 WCM.050308	24	25	34	178	96	122	56			
SDUM 24.5XD4 WCM.050308	24.5	25	34	178	96	122	56			
SDUM 25XD4 WCM.050308	25	25	34	183	100	127	56			
SDUM 25.5XD4 WCM.050308	25.5	25	34	183	100	127	56			
SDUM 26XD4 WCM.050308	26	25	34	187	104	131	56	WCM. 050308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3x9	T08
SDUM 26.5XD4 WCM.050308	26.5	25	34	187	104	131	56			
SDUM 27XD4 WCM.050308	27	25	34	191	108	135	56			
SDUM 27.5XD4 WCM.050308	27.5	25	34	191	108	135	56			
SDUM 28XD4 WCM.050308	28	25	34	196	112	140	56			
SDUM 28.5XD4 WCM.050308	28.5	25	34	196	112	140	56			
SDUM 29XD4 WCM.050308	29	25	34	200	116	144	56			
SDUM 29.5XD4 WCM.050308	29.5	25	34	200	116	144	56			
SDUM 30XD4 WCM.06T308	30	32	44	211	120	151	60			
SDUM 31XD4 WCM.06T308	31	32	44	216	124	156	60			
SDUM 32XD4 WCM.06T308	32	32	44	220	128	160	60	WCM. 06T308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
SDUM 33XD4 WCM.06T308	33	32	44	225	132	165	60			
SDUM 33.5XD4 WCM.06T308	33.5	32	44	227	134	167	60			
SDUM 34XD4 WCM.06T308	34	32	44	229	136	169	60			
SDUM 35XD4 WCM.06T308	35	32	44	234	140	174	60			
SDUM 36XD4 WCM.06T308	36	32	44	239	144	179	60			
SDUM 37XD4 WCM.06T308	37	32	44	244	148	184	60			

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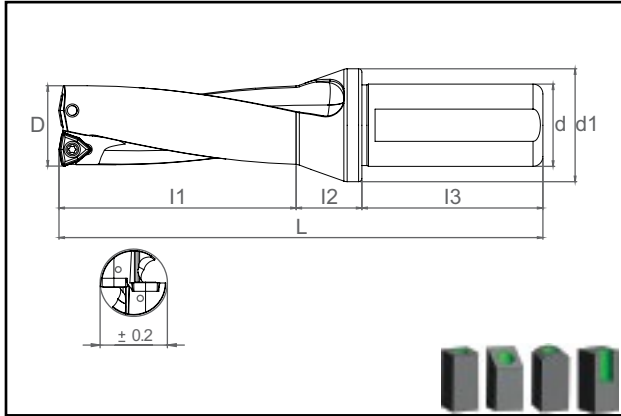
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM. D4 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 38XD4 WCM.06T308	38	32	44	249	152	189	60	WCM. 06T308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
SDUM 38.5XD4 WCM.06T308	38.5	32	44	251	154	191	60			
SDUM 39XD4 WCM.06T308	39	32	44	253	156	193	60			
SDUM 40XD4 WCM.06T308	40	32	44	258	160	198	60			
SDUM 41XD4 WCM.06T308	41	32	44	263	164	203	60			
SDUM 42XD4 WCM.06T308	42	32	44	267	168	207	60			
SDUM 43XD4 WCM.06T308	43	32	44	272	172	212	60			
SDUM 44XD4 WCM.06T308	44	32	44	276	176	216	60			
SDUM 45XD4 WCM.080412	45	32	54	292	180	222	70	WCM. 080412 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M4x11	T15
SDUM 46XD4 WCM.080412	46	32	54	297	184	227	70			
SDUM 47XD4 WCM.080412	47	32	54	301	188	231	70			
SDUM 48XD4 WCM.080412	48	32	54	306	192	236	70			
SDUM 49XD4 WCM.080412	49	32	54	310	196	240	70			
SDUM 50XD4 WCM.080412	50	32	54	315	200	245	70			

DEĞİŞKEN UÇLU MATKAPLAR

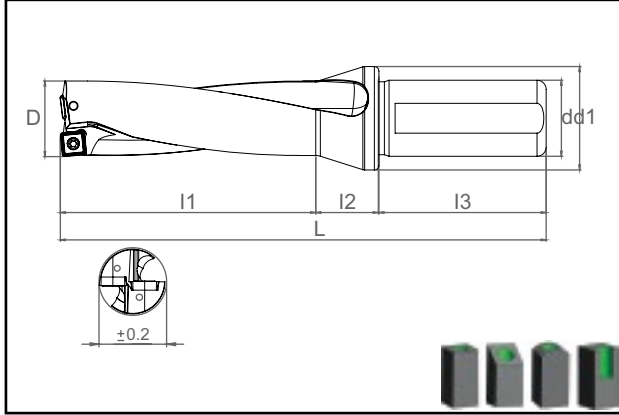
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM WCM. D5 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16XD5 WCM.030208	16	25	34	156	80	100	56	WCM. 030208 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M2.5x7	T08
SDUM 17XD5 WCM.030208	17	25	34	161	85	105	56			
SDUM 18XD5 WCM.030208	18	25	34	167	90	111	56			
SDUM 19XD5 WCM.030208	19	25	34	172	95	116	56	WCM. 040208 ISO UCA UYGUNDUR FOR ISO INSERT		
SDUM 20XD5 WCM.040208	20	25	34	179	100	123	56			
SDUM 21XD5 WCM.040208	21	25	34	184	105	128	56			
SDUM 22XD5 WCM.040208	22	25	34	189	110	133	56	WCM. 040208 ISO UCA UYGUNDUR FOR ISO INSERT		
SDUM 23XD5 WCM.040208	23	25	34	193	115	137	56			
SDUM 24XD5 WCM.050308	24	25	34	198	120	142	56		WCM. 050308 ISO UCA UYGUNDUR FOR ISO INSERT	
SDUM 25XD5 WCM.050308	25	25	34	203	125	147	56			
SDUM 26XD5 WCM.050308	26	25	34	207	130	151	56			
SDUM 27XD5 WCM.050308	27	25	34	211	135	156	56			
SDUM 28XD5 WCM.050308	28	25	34	216	140	162	56			
SDUM 29XD5 WCM.050308	29	25	34	220	145	166	56			
SDUM 30XD5 WCM.06T308	30	32	44	224	150	171	60	WCM. 06T308 ISO UCA UYGUNDUR FOR ISO INSERT	SSV M3.5x11	T15
SDUM 31XD5 WCM.06T308	31	32	44	245	155	185	60			
SDUM 32XD5 WCM.06T308	32	32	44	250	160	190	60			
SDUM 33XD5 WCM.06T308	33	32	44	255	165	195	60			
SDUM 34XD5 WCM.06T308	34	32	44	260	170	200	60			
SDUM 35XD5 WCM.06T308	35	32	44	265	175	205	60			
SDUM 36XD5 WCM.06T308	36	32	44	270	180	210	60			
SDUM 37XD5 WCM.06T308	37	32	44	275	185	215	60			
SDUM 38XD5 WCM.06T308	38	32	44	280	190	220	60			
SDUM 39XD5 WCM.06T308	39	32	44	285	195	225	60			
SDUM 40XD5 WCM.06T308	40	32	44	290	200	230	60			

DEĞİŞKEN UÇLU MATKAPLAR

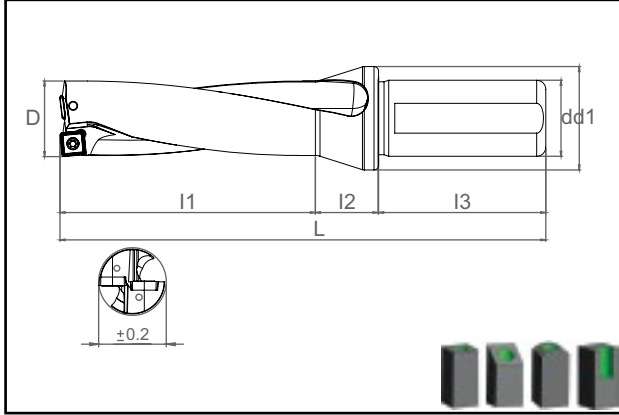
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D2 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 12.5XD2 SPMG 050204	12.5	20	25	94	25	44	50	SPMG 050204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2x6	T06
SDUM 13XD2 SPMG 050204	13	20	25	94	26	44	50			
SDUM 13.5XD2 SPMG 050204	13.5	20	25	96	27	46	50			
SDUM 14XD2 SPMG 050204	14	20	25	96	28	46	50			
SDUM 14.5XD2 SPMG 050204	14.5	20	25	99	29	49	50			
SDUM 15XD2 SPMG 050204	15	20	25	99	30	49	50			
SDUM 15.5XD2 SPMG 060204	15.5	20	34	102	31	52	56	SPMG 060204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.2x6	T07
SDUM 16XD2 SPMG 060204	16	25	34	108	32	52	56			
SDUM 16.5XD2 SPMG 060204	16.5	25	34	110	33	54	56			
SDUM 17XD2 SPMG 060204	17	25	34	110	34	54	56			
SDUM 17.5XD2 SPMG 060204	17.5	25	34	113	35	57	56			
SDUM 18XD2 SPMG 060204	18	25	34	113	36	57	56			
SDUM 18.5XD2 SPMG 060204	18.5	25	34	115	37	59	56			
SDUM 19XD2 SPMG 060204	19	25	34	115	38	59	56			
SDUM 19.5XD2 SPMG 060204	19.5	25	34	119	39	63	56			
SDUM 20XD2 SPMG 060204	20	25	34	119	40	63	56			
SDUM 20.5XD2 SPMG 060204	20.5	25	34	121	41	65	56	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T08
SDUM 21XD2 SPMG 060204	21	25	34	121	42	65	56			
SDUM 21.5XD2 SPMG 060204	21.5	25	34	123	43	67	56			
SDUM 22XD2 SPMG 07T308	22	25	34	123	44	67	56			
SDUM 22.5XD2 SPMG 07T308	22.5	25	34	127	45	71	56			
SDUM 23XD2 SPMG 07T308	23	25	34	127	46	71	56			
SDUM 23.5XD2 SPMG 07T308	23.5	25	34	130	47	74	56			
SDUM 24XD2 SPMG 07T308	24	25	34	130	48	74	56			
SDUM 24.5XD2 SPMG 07T308	24.5	25	34	133	49	77	56			
SDUM 25XD2 SPMG 07T308	25	25	34	133	50	77	56			
SDUM 25.5XD2 SPMG 07T308	25.5	25	34	135	51	79	56			
SDUM 26XD2 SPMG 07T308	26	25	34	135	52	79	56			

DEĞİŞKEN UÇLU MATKAPLAR

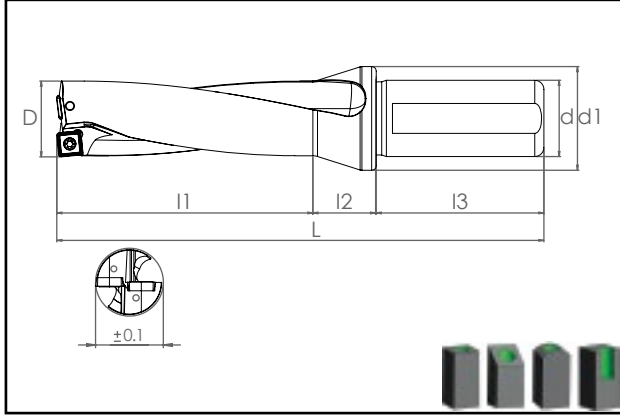
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D2 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 26.5XD2 SPMG 07T308	26.5	25	34	137	53	81	56	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T08
SDUM 27XD2 SPMG 07T308	27	25	34	137	54	81	56			
SDUM 27.5XD2 SPMG 07T308	27.5	25	34	140	55	84	56			
SDUM 28XD2 SPMG 090408	28	25	34	140	56	84	56	SPMG 090408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15
SDUM 28.5XD2 SPMG 090408	28.5	25	34	142	57	86	56			
SDUM 29XD2 SPMG 090408	29	25	34	142	58	86	56			
SDUM 29.5XD2 SPMG 090408	29.5	25	34	147	59	91	56			
SDUM 30XD2 SPMG 090408	30	32	44	151	60	91	60			
SDUM 31XD2 SPMG 090408	31	32	44	154	62	94	60			
SDUM 32XD2 SPMG 090408	32	32	44	156	64	96	60			
SDUM 33XD2 SPMG 090408	33	32	44	159	66	99	60			
SDUM 34XD2 SPMG 110408	34	32	44	161	68	101	60			
SDUM 35XD2 SPMG 110408	35	32	44	164	70	104	60			
SDUM 36XD2 SPMG 110408	36	32	44	167	72	107	60	SPMG 110408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M4x11	T15
SDUM 37XD2 SPMG 110408	37	32	44	170	74	110	60			
SDUM 38XD2 SPMG 110408	38	32	44	173	76	113	60			
SDUM 39XD2 SPMG 110408	39	32	44	175	78	115	60			
SDUM 40XD2 SPMG 110408	40	32	44	178	80	118	60			
SDUM 41XD2 SPMG 110408	41	32	44	181	82	121	60	SPMG 140512 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M5x11	T20
SDUM 42XD2 SPMG 140512	42	32	44	183	84	123	60			
SDUM 43XD2 SPMG 140512	43	32	44	186	86	126	60			
SDUM 44XD2 SPMG 140512	44	32	44	188	88	128	60			
SDUM 45XD2 SPMG 140512	45	40	54	202	90	132	60			
SDUM 46XD2 SPMG 140512	46	40	54	205	92	135	70			
SDUM 47XD2 SPMG 140512	47	40	54	207	94	137	70			
SDUM 48XD2 SPMG 140512	48	40	54	210	96	140	70			
SDUM 49XD2 SPMG 140512	49	40	54	212	98	142	70			
SDUM 50XD2 SPMG 140512	50	40	54	215	100	145	70			

DEĞİŞKEN UÇLU MATKAPLAR

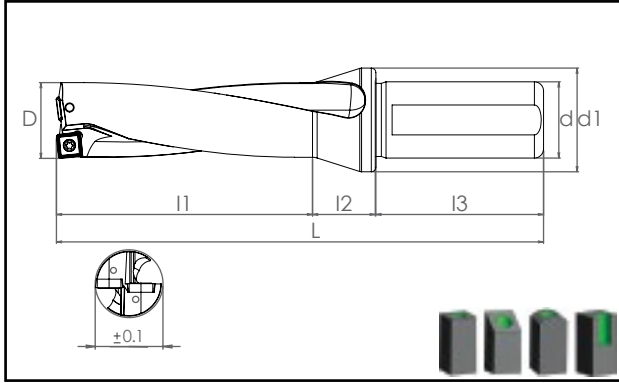
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D3 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 12.5XD3 SPMG 050204	12.5	20	25	107	37	57	50	SPMG 050204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2x6	T06
SDUM 13XD3 SPMG 050204	13	20	25	107	39	57	50			
SDUM 13.5XD3 SPMG 050204	13.5	20	25	110	40.5	60	50			
SDUM 14XD3 SPMG 050204	14	20	25	110	42	60	50			
SDUM 14.5XD3 SPMG 050204	14.5	20	25	113	43.5	63	50			
SDUM 15XD3 SPMG 050204	15	20	25	113	45	63	50			
SDUM 15.5XD3 SPMG 060204	15.5	20	25	124	46.5	68	56	SPMG 060204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.2x6	T07
SDUM 16XD3 SPMG 060204	16	25	34	124	48	68	56			
SDUM 16.5XD3 SPMG 060204	16.5	25	34	127	49.5	71	56			
SDUM 17XD3 SPMG 060204	17	25	34	127	51	71	56			
SDUM 17.5XD3 SPMG 060204	17.5	25	34	130	52.5	75	56			
SDUM 18XD3 SPMG 060204	18	25	34	130	54	75	56			
SDUM 18.5XD3 SPMG 060204	18.5	25	34	134	55.5	78	56			
SDUM 19XD3 SPMG 060204	19	25	34	134	57	78	56			
SDUM 19.5XD3 SPMG 060204	19.5	25	34	139	58.5	83	56			
SDUM 20XD3 SPMG 060204	20	25	34	139	60	83	56			
SDUM 20.5XD3 SPMG 060204	20.5	25	34	142	61.5	86	56			
SDUM 21XD3 SPMG 060204	21	25	34	142	63	86	56			
SDUM 21.5XD3 SPMG 060204	21.5	25	34	145	64.5	89	56	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T08
SDUM 22XD3 SPMG 07T308	22	25	34	145	66	89	56			
SDUM 22.5XD3 SPMG 07T308	22.5	25	34	150	67.5	94	56			
SDUM 23XD3 SPMG 07T308	23	25	34	150	69	94	56			
SDUM 23.5XD3 SPMG 07T308	23.5	25	34	154	70.5	98	56			
SDUM 24XD3 SPMG 07T308	24	25	34	158	72	98	56			
SDUM 24.5XD3 SPMG 07T308	24.5	25	34	158	73.5	102	56			
SDUM 25XD3 SPMG 07T308	25	25	34	161	75	102	56			
SDUM 25.5XD3 SPMG 07T308	25.5	25	34	161	76.5	105	56			
SDUM 26XD3 SPMG 07T308	26	25	34	164	78	105	56			

DEĞİŞKEN UÇLU MATKAPLAR

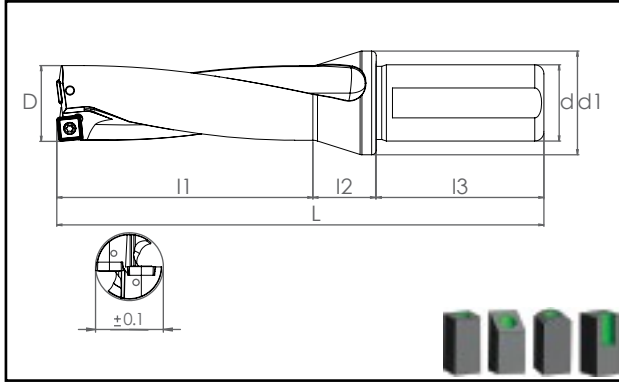
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D3 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 26.5XD3 SPMG 07T308	26.5	25	44	164	79.5	108	56	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T08
SDUM 27XD3 SPMG 07T308	27	25	44	164	81	108	56			
SDUM 27.5XD3 SPMG 07T308	27.5	25	44	168	82.5	112	56			
SDUM 28XD3 SPMG 090408	28	25	44	168	84	112	56	SPMG 090408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15
SDUM 28.5XD3 SPMG 090408	28.5	25	44	171	85.5	115	56			
SDUM 29XD3 SPMG 090408	29	25	44	171	87	115	56			
SDUM 29.5XD3 SPMG 090408	29.5	25	44	177	88.5	121	56			
SDUM 30XD3 SPMG 090408	30	32	44	181	90	121	60			
SDUM 31XD3 SPMG 090408	31	32	44	185	93	125	60			
SDUM 32XD3 SPMG 090408	32	32	44	188	96	128	60			
SDUM 33XD3 SPMG 090408	33	32	44	192	99	132	60			
SDUM 34XD3 SPMG 110408	34	32	44	195	102	135	60			
SDUM 35XD3 SPMG 110408	35	32	44	199	105	139	60			
SDUM 36XD3 SPMG 110408	36	32	44	203	108	143	60	SPMG 110408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M4x11	T15
SDUM 37XD3 SPMG 110408	37	32	44	207	111	147	60			
SDUM 38XD3 SPMG 110408	38	32	44	211	114	151	60			
SDUM 39XD3 SPMG 110408	39	32	44	214	117	154	60			
SDUM 40XD3 SPMG 110408	40	32	44	218	120	158	60			
SDUM 41XD3 SPMG 110408	41	32	44	222	123	162	60			
SDUM 42XD3 SPMG 140512	42	32	44	225	126	165	60			
SDUM 43XD3 SPMG 140512	43	32	44	229	129	169	60			
SDUM 44XD3 SPMG 140512	44	32	44	232	132	172	60	SPMG 140512 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M5x11	T20
SDUM 45XD3 SPMG 140512	45	40	54	247	135	177	70			
SDUM 46XD3 SPMG 140512	46	40	54	251	138	181	70			
SDUM 47XD3 SPMG 140512	47	40	54	254	141	184	70			
SDUM 48XD3 SPMG 140512	48	40	54	258	144	188	70			
SDUM 49XD3 SPMG 140512	49	40	54	261	147	191	70			
SDUM 50XD3 SPMG 140512	50	40	54	265	150	195	70			
SDUM 51XD3 SPMG 140512	51	40	60	268	153	198	70			
SDUM 52XD3 SPMG 140512	52	40	60	271	156	201	70			
SDUM 53XD3 SPMG 140512	53	40	60	274	159	204	70			
SDUM 54XD3 SPMG 140512	54	40	60	277	162	207	70			

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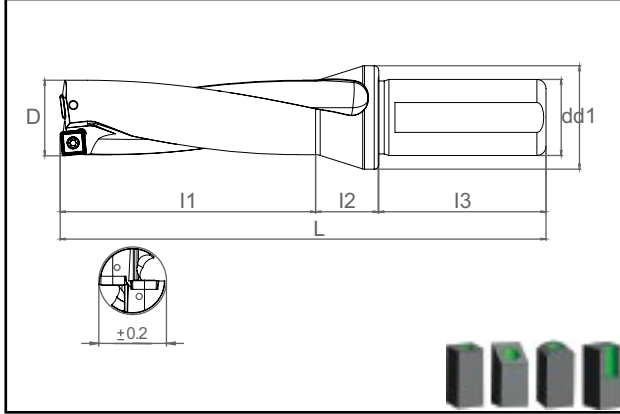
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D4 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 12.5XD4 SPMG 050204	12.5	20	25	120	52	70	50	SPMG 050204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2x6	T06
SDUM 13XD4 SPMG 050204	13	20	25	120	52	70	50			
SDUM 13.5XD4 SPMG 050204	13.5	20	25	120	52	70	50			
SDUM 14XD4 SPMG 050204	14	20	25	124	56	76	50			
SDUM 14.5XD4 SPMG 050204	14.5	20	25	124	56	76	50			
SDUM 15XD4 SPMG 050204	15	20	25	128	60	80	50			
SDUM 15.5XD4 SPMG 050204	15.5	20	25	128	60	80	50	SPMG 060204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.2x6	T07
SDUM 16XD4 SPMG 060204	16	25	34	140	64	84	56			
SDUM 16.5XD4 SPMG 060204	16.5	25	34	140	64	84	56			
SDUM 17XD4 SPMG 060204	17	25	34	144	68	88	56			
SDUM 17.5XD4 SPMG 060204	17.5	25	34	144	68	88	56			
SDUM 18XD4 SPMG 060204	18	25	34	149	72	92	56			
SDUM 18.5XD4 SPMG 060204	18.5	25	34	149	72	92	56			
SDUM 19XD4 SPMG 060204	19	25	34	153	76	97	56			
SDUM 19.5XD4 SPMG 060204	19.5	25	34	153	76	97	56			
SDUM 20XD4 SPMG 060204	20	25	34	159	80	103	56			
SDUM 20.5XD4 SPMG 060204	20.5	25	34	159	80	103	56			
SDUM 21XD4 SPMG 060204	21	25	34	163	84	107	56	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T08
SDUM 21.5XD4 SPMG 060204	21.5	25	34	163	84	107	56			
SDUM 22XD4 SPMG 07T308	22	25	34	167	88	111	56			
SDUM 22.5XD4 SPMG 07T308	22.5	25	34	167	88	111	56			
SDUM 23XD4 SPMG 07T308	23	25	34	173	92	117	56			
SDUM 23.5XD4 SPMG 07T308	23.5	25	34	173	92	117	56			
SDUM 24XD4 SPMG 07T308	24	25	34	178	96	122	56			
SDUM 24.5XD4 SPMG 07T308	24.5	25	34	178	96	122	56			
SDUM 25XD4 SPMG 07T308	25	25	34	183	100	127	56			
SDUM 25.5XD4 SPMG 07T308	25.5	25	34	183	100	127	56			
SDUM 26XD4 SPMG 07T308	26	25	34	187	104	131	56			
SDUM 26.5XD4 SPMG 07T308	26.5	25	34	187	104	131	56	SPMG 090408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15
SDUM 27XD4 SPMG 07T308	27	25	34	191	108	135	56			
SDUM 27.5XD4 SPMG 07T308	27.5	25	34	191	108	135	56			
SDUM 28XD4 SPMG 090408	28	25	34	196	112	140	56			
SDUM 28.5XD4 SPMG 090408	28.5	25	34	196	112	140	56			
SDUM 29XD4 SPMG 090408	29	25	34	200	116	144	56			
SDUM 29.5XD4 SPMG 090408	29.5	25	34	200	116	144	56			
SDUM 30XD4 SPMG 090408	30	32	44	211	120	151	60			
SDUM 31XD4 SPMG 090408	31	32	44	216	124	156	60			
SDUM 32XD4 SPMG 090408	32	32	44	220	128	160	60			
SDUM 33XD4 SPMG 090408	33	32	44	225	132	165	60			
SDUM 33.5XD4 SPMG 090408	33.5	32	44	227	134	167	60			

DEĞİŞKEN UÇLU MATKAPLAR

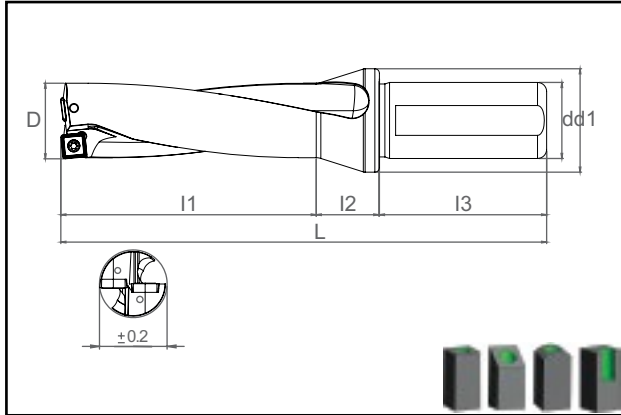
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D4 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 34XD4 SPMG 110408	34	32	44	229	136	169	60	SPMG 110408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M4x11	T15
SDUM 35XD4 SPMG 110408	35	32	44	234	140	174	60			
SDUM 36XD4 SPMG 110408	36	32	44	239	144	179	60			
SDUM 37XD4 SPMG 110408	37	32	44	244	148	184	60			
SDUM 38XD4 SPMG 110408	38	32	44	249	152	189	60			
SDUM 38.5XD4 SPMG 110408	38.5	32	44	251	154	191	60			
SDUM 39XD4 SPMG 110408	39	32	44	253	156	193	60			
SDUM 40XD4 SPMG 110408	40	32	44	258	160	198	60			
SDUM 41XD4 SPMG 110408	41	32	44	263	164	203	60	SPMG 140512 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M5x11	T20
SDUM 42XD4 SPMG 140512	42	32	44	267	168	207	60			
SDUM 43XD4 SPMG 140512	43	32	44	272	172	212	60			
SDUM 44XD4 SPMG 140512	44	32	44	276	176	216	60			

DEĞİŞKEN UÇLU MATKAPLAR

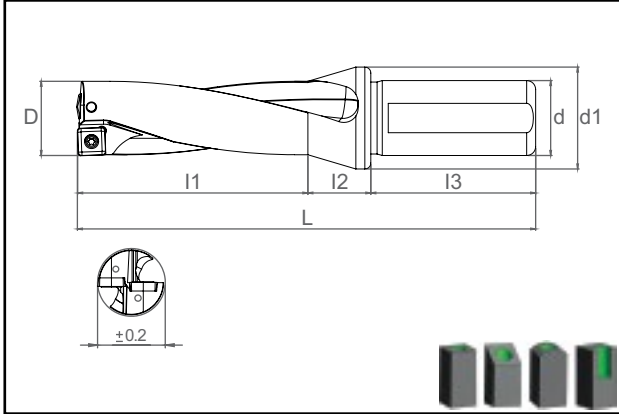
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMG D5 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 13XD5 SPMG 050204	13	20	25	135	65	85	50	SPMG 050204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2x6	T06
SDUM 14XD5 SPMG 050204	14	20	25	140	70	90	50			
SDUM 15XD5 SPMG 050204	15	20	25	145	75	95	50			
SDUM 16XD5 SPMG 060204	16	25	34	156	80	100	56	SPMG 060204 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.2x6	T07
SDUM 17XD5 SPMG 060204	17	25	34	161	85	105	56			
SDUM 18XD5 SPMG 060204	18	25	34	167	90	111	56			
SDUM 19XD5 SPMG 060204	19	25	34	172	95	116	56			
SDUM 20XD5 SPMG 060204	20	25	34	179	100	123	56			
SDUM 21XD5 SPMG 060204	21	25	34	184	105	128	56	SPMG 07T308 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M2.5x7	T8
SDUM 22XD5 SPMG 07T308	22	25	34	189	110	133	56			
SDUM 23XD5 SPMG 07T308	23	25	34	193	115	137	56			
SDUM 24XD5 SPMG 07T308	24	25	34	198	120	142	56			
SDUM 25XD5 SPMG 07T308	25	25	34	203	125	147	56			
SDUM 26XD5 SPMG 07T308	26	25	34	207	130	151	56	SPMG 090408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M3.5x11	T15
SDUM 27XD5 SPMG 07T308	27	25	34	212	135	156	56			
SDUM 28XD5 SPMG 090408	28	25	34	218	140	162	56			
SDUM 29XD5 SPMG 090408	29	25	34	222	145	166	56			
SDUM 30XD5 SPMG 090408	30	32	44	227	150	171	60			
SDUM 31XD5 SPMG 090408	31	32	44	245	155	185	60	SPMG 110408 TGTC UCA UYGUNDUR FOR TGTC INSERT	SSV M4x11	
SDUM 32XD5 SPMG 090408	32	32	44	250	160	190	60			
SDUM 33XD5 SPMG 090408	33	32	44	255	165	195	60			
SDUM 34XD5 SPMG 110408	34	32	44	260	170	200	60			
SDUM 35XD5 SPMG 110408	35	32	44	265	175	205	60			
SDUM 36XD5 SPMG 110408	36	32	44	270	180	210	60			
SDUM 37XD5 SPMG 110408	37	32	44	275	185	215	60			
SDUM 38XD5 SPMG 110408	38	32	44	280	190	220	60			
SDUM 39XD5 SPMG 110408	39	32	44	285	195	225	60			
SDUM 40XD5 SPMG 110408	40	32	44	290	200	230	60			

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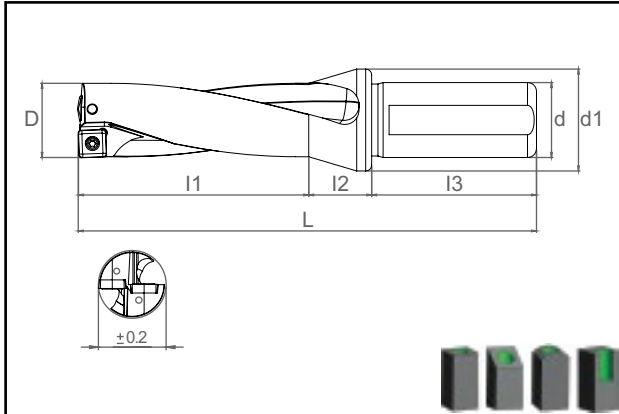
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMT(PD) / XOMT(PD) D3 K-DRILL	D	d	d1	L	L1	L2	L3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 12.5XD3 SP-XO04	12.5	20	25	107	37	57	50	SPMT(PD) 040204 XOMT(PD) 040204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06
SDUM 13XD3 SP-XO04	13	20	25	107	39	57	50			
SDUM 13.5XD3 SP-XO04	13.5	20	25	110	40.5	60	50			
SDUM 14XD3 SP-XO05	14	20	25	110	42	60	50	SPMT(PD) 050204 XOMT(PD) 050204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06
SDUM 14.5XD3 SP-XO05	14.5	20	25	113	43.5	63	50			
SDUM 15XD3 SP-XO05	15	20	25	113	45	63	50			
SDUM 15.5XD3 SP-XO05	15.5	20	25	124	46.5	68	56	SPMT(PD) 060205 XOMT(PD) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.2x6	T07
SDUM 16XD3 SP-XO05	16	25	34	124	48	68	56			
SDUM 16.5XD3 SP-XO06	16.5	25	34	127	49.5	71	56			
SDUM 17XD3 SP-XO06	17	25	34	127	51	71	56	SPMT(PD) 07T208 XOMT(PD) 07T205 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08
SDUM 17.5XD3 SP-XO06	17.5	25	34	130	52.5	75	56			
SDUM 18XD3 SP-XO06	18	25	34	130	54	75	56			
SDUM 18.5XD3 SP-XO06	18.5	25	34	134	55.5	78	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 19XD3 SP-XO06	19	25	34	134	57	78	56			
SDUM 19.5XD3 SP-XO06	19.5	25	34	139	58.5	83	56			
SDUM 20XD3 SP-XO07	20	25	34	139	60	83	56	SPMT(PD) 11T308 XOMT(PD) 11T306 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3.5x11	T15
SDUM 20.5XD3 SP-XO07	20.5	25	34	142	61.5	86	56			
SDUM 21XD3 SP-XO07	21	25	34	142	63	86	56			
SDUM 21.5XD3 SP-XO07	21.5	25	34	145	64.5	89	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 22XD3 SP-XO07	22	25	34	145	66	89	56			
SDUM 22.5XD3 SP-XO07	22.5	25	34	150	67.5	94	56			
SDUM 23XD3 SP-XO07	23	25	34	150	69	94	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 23.5XD3 SP-XO07	23.5	25	34	154	70.5	98	56			
SDUM 24XD3 SP-XO09	24	25	34	158	72	98	56			
SDUM 24.5XD3 SP-XO09	24.5	25	34	158	73.5	102	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 25XD3 SP-XO09	25	25	34	161	75	102	56			
SDUM 25.5XD3 SP-XO09	25.5	25	34	161	76.5	105	56			
SDUM 26XD3 SP-XO09	26	25	34	164	78	105	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 26.5XD3 SP-XO09	26.5	25	44	164	79.5	108	56			
SDUM 27XD3 SP-XO09	27	25	44	164	81	108	56			
SDUM 27.5XD3 SP-XO09	27.5	25	44	168	82.5	112	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 28XD3 SP-XO09	28	25	44	168	84	112	56			
SDUM 28.5XD3 SP-XO09	28.5	25	44	171	85.5	115	56			
SDUM 29XD3 SP-XO09	29	25	44	171	87	115	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 29.5XD3 SP-XO09	29.5	25	44	177	88.5	121	56			
SDUM 30XD3 SP-XO11	30	32	44	181	90	121	60	SPMT(PD) 11T308 XOMT(PD) 11T306 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3.5x11	T15

DEĞİŞKEN UÇLU MATKAPLAR

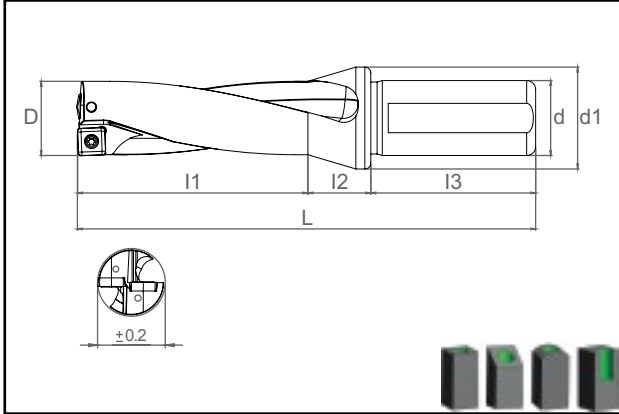
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMT(PD) / XOMT(PD) D4 K-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 12.5XD4 SP-XO04	12.5	20	25	107	50	57	50	SPMT(PD) 040204 XOMT(PD) 040204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06
SDUM 13XD4 SP-XO04	13	20	25	120	52	70	50			
SDUM 13.5XD4 SP-XO04	13.5	20	25	120	52	70	50			
SDUM 14XD4 SP-XO05	14	20	25	124	56	76	50	SPMT(PD) 050204 XOMT(PD) 050204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06
SDUM 14.5XD4 SP-XO05	14.5	20	25	124	56	76	50			
SDUM 15XD4 SP-XO05	15	20	25	128	60	80	50			
SDUM 15.5XD4 SP-XO05	15.5	20	25	128	60	80	50	SPMT(PD) 060205 XOMT(PD) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.2x6	T07
SDUM 16XD4 SP-XO05	16	25	34	140	64	84	56			
SDUM 16.5XD4 SP-XO06	16.5	25	34	140	64	84	56			
SDUM 17XD4 SP-XO06	17	25	34	144	68	88	56	SPMT(PD) 07T208 XOMT(PD) 07T205 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08
SDUM 17.5XD4 SP-XO06	17.5	25	34	144	68	88	56			
SDUM 18XD4 SP-XO06	18	25	34	149	72	92	56			
SDUM 18.5XD4 SP-XO06	18.5	25	34	149	72	92	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 19XD4 SP-XO06	19	25	34	153	76	97	56			
SDUM 19.5XD4 SP-XO06	19.5	25	34	153	76	97	56			
SDUM 20XD4 SP-XO07	20	25	34	159	80	103	56	SPMT(PD) 11T308 XOMT(PD) 11T306 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3.5x11	T15
SDUM 20.5XD4 SP-XO07	20.5	25	34	159	80	103	56			
SDUM 21XD4 SP-XO07	21	25	34	163	84	107	56			
SDUM 21.5XD4 SP-XO07	21.5	25	34	163	84	107	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 22XD4 SP-XO07	22	25	34	167	88	111	56			
SDUM 22.5XD4 SP-XO07	22.5	25	34	167	88	111	56			
SDUM 23XD4 SP-XO07	23	25	34	173	92	117	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 23.5XD4 SP-XO07	23.5	25	34	173	92	117	56			
SDUM 24XD4 SP-XO09	24	25	34	178	96	122	56			
SDUM 24.5XD4 SP-XO09	24.5	25	34	178	96	122	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 25XD4 SP-XO09	25	25	34	183	100	127	56			
SDUM 25.5XD4 SP-XO09	25.5	25	34	183	100	127	56			
SDUM 26XD4 SP-XO09	26	25	34	187	104	131	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 26.5XD4 SP-XO09	26.5	25	34	187	104	131	56			
SDUM 27XD4 SP-XO09	27	25	34	191	108	135	56			
SDUM 27.5XD4 SP-XO09	27.5	25	34	191	108	135	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 28XD4 SP-XO09	28	25	34	196	112	140	56			
SDUM 28.5XD4 SP-XO09	28.5	25	34	196	112	140	56			
SDUM 29XD4 SP-XO09	29	25	34	200	116	144	56	SPMT(PD) 090308 XOMT(PD) 090305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	T08
SDUM 29.5XD4 SP-XO09	29.5	25	34	200	116	144	56			
SDUM 30XD4 SP-XO11	30	32	44	211	120	151	60	SPMT(PD) 11T308 XOMT(PD) 11T306 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3.5x11	T15

DEĞİŞKEN UÇLU MATKAPLAR

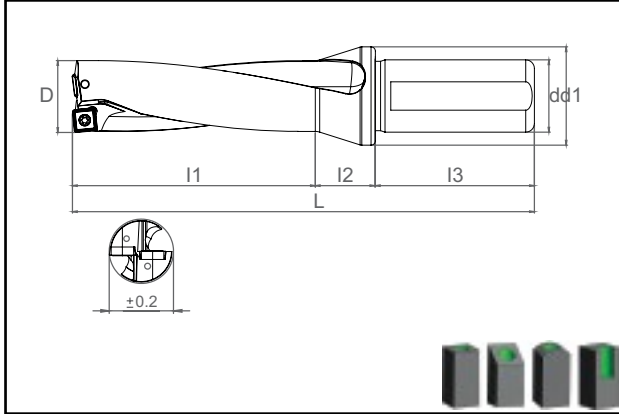
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMT(PD) / XOMT(PD) D5 K-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 13XD5 SP-XO04	13	20	25	120	65	70	50	SPMT(PD) 040204 XOMT(PD) 040204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06
SDUM 14XD5 SP-XO05	14	20	25	124	70	76	50	SPMT(PD) 050204 XOMT(PD) 050204 KRLY UCA UYGUNDUR FOR KRLY INSERT		
SDUM 15XD5 SP-XO05	15	20	25	128	75	80	50	SPMT(PD) 060205 XOMT(PD) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT		
SDUM 16XD5 SP-XO05	16	25	34	140	80	84	56	SPMT(PD) 060205 XOMT(PD) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT		
SDUM 17XD5 SP-XO06	17	25	34	144	85	88	56	SPMT(PD) 060205 XOMT(PD) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.2x6	T07
SDUM 18XD5 SP-XO06	18	25	34	149	90	92	56			
SDUM 19XD5 SP-XO06	19	25	34	153	95	97	56			
SDUM 20XD5 SP-XO07	20	25	34	159	100	103	56	SPMT(PD) 07T208 XOMT(PD) 07T205 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08
SDUM 21XD5 SP-XO07	21	25	34	163	105	107	56			
SDUM 22XD5 SP-XO07	22	25	34	167	110	111	56			
SDUM 23XD5 SP-XO07	23	25	34	173	115	117	56			
SDUM 24XD5 SP-XO09	24	25	34	178	120	122	56	SPMT(PD) 090308 XOMT(PD) 090308 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3x9	
SDUM 25XD5 SP-XO09	25	25	34	183	125	127	56			
SDUM 26XD5 SP-XO09	26	25	34	187	130	131	56			
SDUM 27XD5 SP-XO09	27	25	34	191	135	135	56			
SDUM 28XD5 SP-XO09	28	25	34	196	140	140	56			
SDUM 29XD5 SP-XO09	29	25	34	200	145	144	56			
SDUM 30XD5 SP-XO11	30	32	44	211	150	151	60	SPMT(PD) 11T308 XOMT(PD) 11T305 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M3.5x11	T15

DEĞİŞKEN UÇLU MATKAPLAR

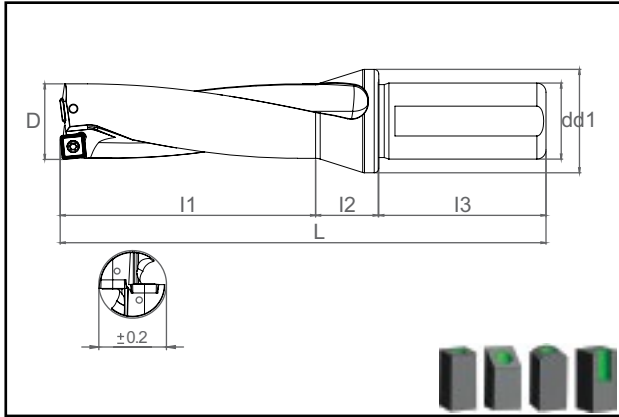
Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SDUM SPMT(DM) D2 U-DRILL	D	d	d1	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 13XD2 SPMT 050203	13	20	25	94	26	44	50	SPMT(DM) 050203 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06
SDUM 13.5XD2 SPMT 050203	13.5	20	25	96	27	46	50			
SDUM 14XD2 SPMT 050203	14	20	25	96	28	46	50			
SDUM 14.5XD2 SPMT 050203	14.5	20	25	99	29	49	50			
SDUM 15XD2 SPMT 050203	15	20	25	99	30	49	50			
SDUM 15.5XD2 SPMT 050203	15.5	20	25	102	31	52	50			
SDUM 16XD2 SPMT 060204	16	25	34	108	32	52	56	SPMT(DM) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.2x6	T07
SDUM 16.5XD2 SPMT 060204	16.5	25	34	110	33	54	56			
SDUM 17XD2 SPMT 060204	17	25	34	110	34	54	56			
SDUM 17.5XD2 SPMT 060204	17.5	25	34	113	35	57	56			
SDUM 18XD2 SPMT 060204	18	25	34	113	36	57	56			
SDUM 18.5XD2 SPMT 060204	18.5	25	34	115	37	59	56			
SDUM 19XD2 SPMT 060204	19	25	34	115	38	59	56			
SDUM 19.5XD2 SPMT 060204	19.5	25	34	119	39	63	56			
SDUM 20XD2 SPMT 060204	20	25	34	119	40	63	56			
SDUM 20.5XD2 SPMT 060204	20.5	25	34	121	41	65	56			
SDUM 21XD2 SPMT 060204	21	25	34	121	42	65	56			
SDUM 21.5XD2 SPMT 060204	21.5	25	34	123	43	67	56	SPMT(DM) 070204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08
SDUM 22XD2 SPMT 070204	22	25	34	123	44	67	56			
SDUM 22.5XD2 SPMT 070204	22.5	25	34	127	45	71	56			
SDUM 23XD2 SPMT 070204	23	25	34	127	46	71	56			
SDUM 23.5XD2 SPMT 070204	23.5	25	34	130	47	74	56			
SDUM 24XD2 SPMT 070204	24	25	34	130	48	74	56			
SDUM 24.5XD2 SPMT 070204	24.5	25	34	133	49	77	56			
SDUM 25XD2 SPMT 070204	25	25	34	133	50	77	56			

DEĞİŞKEN UÇLU MATKAPLAR

Indexable Drills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
SDUM SPMT(DM) D3-D4 U-DRILL	D	d	d1	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
											
SDUM 13XD3 SPMT 050203	13	20	25	107	39	57	50	SPMT(DM) 050203 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06	D3
SDUM 13.5XD3 SPMT 050203	13.5	20	25	110	40.5	60	50				
SDUM 14XD3 SPMT 050203	14	20	25	110	42	60	50				
SDUM 14.5XD3 SPMT 050203	14.5	20	25	113	43.5	63	50				
SDUM 15XD3 SPMT 050203	15	20	25	113	45	63	50				
SDUM 15.5XD3 SPMT 050203	15.5	20	25	118	46.5	68	50	SPMT(DM) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.2x6	T07	
SDUM 16XD3 SPMT 060204	16	25	34	124	48	68	56				
SDUM 16.5XD3 SPMT 060204	16.5	25	34	127	49.5	71	56				
SDUM 17XD3 SPMT 060204	17	25	34	127	51	71	56				
SDUM 17.5XD3 SPMT 060204	17.5	25	34	131	52.5	75	56				
SDUM 18XD3 SPMT 060204	18	25	34	131	54	75	56				
SDUM 18.5XD3 SPMT 060204	18.5	25	34	134	55.5	78	56				
SDUM 19XD3 SPMT 060204	19	25	34	134	57	78	56				
SDUM 19.5XD3 SPMT 060204	19.5	25	34	139	58.5	83	56				
SDUM 20XD3 SPMT 060204	20	25	34	139	60	83	56				
SDUM 20.5XD3 SPMT 060204	20.5	25	34	144	61.5	86	56	SPMT(DM) 070204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08	
SDUM 21XD3 SPMT 060204	21	25	34	144	63	86	56				
SDUM 21.5XD3 SPMT 060204	21.5	25	34	145	64.5	89	56				
SDUM 22XD3 SPMT 070204	22	25	34	145	66	89	56				
SDUM 22.5XD3 SPMT 070204	22.5	25	34	150	67.5	94	56				
SDUM 23XD3 SPMT 070204	23	25	34	150	69	94	56				
SDUM 23.5XD3 SPMT 070204	23.5	25	34	154	70.5	98	56				
SDUM 24XD3 SPMT 070204	24	25	34	154	72	98	56				
SDUM 24.5XD3 SPMT 070204	24.5	25	34	158	73.5	102	56				
SDUM 25XD3 SPMT 070204	25	25	34	158	75	102	56				
SDUM 13XD4 SPMT 050203	13	20	25	120	52	70	50	SPMT(DM) 050203 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2x6	T06	D4
SDUM 14XD4 SPMT 050203	14	20	25	124	56	74	50				
SDUM 15XD4 SPMT 050203	15	20	25	128	60	78	50				
SDUM 16XD4 SPMT 060204	16	25	34	140	64	84	56	SPMT(DM) 060204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.2X6	T07	
SDUM 17XD4 SPMT 060204	17	25	34	144	68	88	56				
SDUM 18XD4 SPMT 060204	18	25	34	149	72	93	56				
SDUM 19XD4 SPMT 060204	19	25	34	153	76	97	56				
SDUM 20XD4 SPMT 060204	20	25	34	159	80	103	56				
SDUM 21XD4 SPMT 060204	21	25	34	163	84	107	56				
SDUM 22XD4 SPMT 070204	22	25	34	167	88	111	56				
SDUM 23XD4 SPMT 070204	23	25	34	173	92	117	56	SPMT(DM) 070204 KRLY UCA UYGUNDUR FOR KRLY INSERT	SSV M2.5x7	T08	
SDUM 24XD4 SPMT 070204	24	25	34	178	96	122	56				
SDUM 25XD4 SPMT 070204	25	25	34	183	100	127	56				

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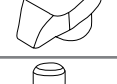
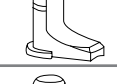
YEDEK PARÇALAR

Spare Parts



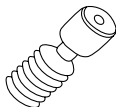
YEDEK PARÇALAR

Spare Parts

KOD / CODE		AÇIKLAMASI / DETAILS
	TSK-1	DNMG 15. CNMG 12.WNMG 08. SNMG 12 PABUÇ / CLAMP
	TSK-2	DNMG 11 PABUÇ / CLAMP
	TSK-3	CNMG 16. SNMG 15 PABUÇ / CLAMP
	TSK-4	CNMG 19 PABUÇ / CLAMP
	TSK-5	VNMG 16 PABUÇ / CLAMP
	MSK-1	TNMG 16.22 PABUÇ / CLAMP
	MSK-2	TNMG 16 (S20R MTUN.. PABUÇ / CLAMP
	MSK-3	WNMG 08 PABUÇ / CLAMP
	MSK-4	WNMG 06 PABUÇ / CLAMP
	CSK	KNUX 16 S25 CKUN.. PABUÇ / CLAMP
	CSK/R	KNUX 16-R PABUÇ / CLAMP
	CSK/L	KNUX 16-L PABUÇ / CLAMP
	CSK1	DNMG15. CNMG12. TNMG16
	SPL-1	DNMG 15. CNMG 12.WNMG 08. SNMG 12 LEVYE / LEVER
	SPL-2	CNMG 16. SNMG 15 LEVYE / LEVER
	SPL-3	CNMG 19 LEVYE / LEVYE

YEDEK PARÇALAR

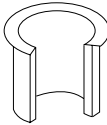
Spare Parts

KOD / CODE		AÇIKLAMASI / DETAILS
	TSBV M5X23	DNMG-11.WNMG-06.TNMG 16 BASKI VİDASI/CLAP SCREW
	TSBV M5X25	DNMG 11.WNMG 06.TNMG 16 BASKI VİDASI/CLAP SCREW
	TSBV M6X30	DNMG 15.WNMG 08.TNMG 16-22.CNMG 12. VNMG 16 PABUÇ VİDASI / CLAMP SCREW
	TSBV M6X30X7	CNMG 16 BASKI VİDASI/CLAMP SCREW
	TSBV M8X30	CNMG 19 BASKI VİDASI/CLAMP SCREW
	CSBV M6X30	KNUX-R/L 16 BASKI VİDASI / CLAMP SCREW
	SLV1 M8X20	DNMG 15. CNMG 12. SNMG 12. WNMG 08 LEVYE VİDASI/ LEVER SCREW
	SLV1 M8X22	CNMG 16. SNMG 15 LEVYE VİDASI/LEVER SCREW
	SLV1 M10X20	CNMG 19 LEVYE VİDASI/LEVER SCREW
	BKTV M4X10	16 LİK İÇ VE DIŞ KANAL TAKIM VİDASI/ FOR 16 INTERNAL AND EXTERNAL GROOVING SCREW
	BKTV M5X12	20 LİK İÇ VE DIŞ KANAL TAKIM VİDASI/ FOR 20 INTERNAL AND EXTERNAL GROOVING SCREW
	BKTV M6X25	25 LİK İÇ VE DIŞ KANAL TAKIM VİDASI/ FOR 25 INTERNAL AND EXTERNAL GROOVING SCREW
	BKTV M8X30	32 LİK İÇ VE DIŞ KANAL TAKIM VİDASI/ FOR 32 INTERNAL AND EXTERNAL GROOVING SCREW
	TPBV 6X10	TPKN 16 BASKI VİDASI / TPKN 16 CLAMP SCREW
	TPBV 8X10	TPKN 22 BASKI VİDASI / TPKN 22 CLAMP SCREW
	TKBP-1	OFER 07,SPKN 12,TPKN 16-22 BASKI PABUCU OFER 07,SPKN 12,TPKN 16-22 CLAMP

YEDEK PARÇALAR

Spare Parts

KOD / CODE	AÇIKLAMASI / DETAILS
 TC170 3X7	BSRT P3208 VİDASI / BSRT P3208 SCREW
 TC172 4X0.5X9	BSRT P3210 VİDASI / BSRT P3210 SCREW
 TC174 5X0.5X9	BSRT P3212 VİDASI / BSRT P3212 SCREW
 TC176 5X0.5X12	BSRT P3216 VİDASI / BSRT P3216 SCREW
 TC178 5X0.5X12	BSRT P3220 VİDASI / BSRT P3220 SCREW
 TC181 6X0.75X20	BSRT P3225 VİDASI / BSRT P3225 SCREW
 TC184 8X.75X24	BSRT P3232 VİDASI / BSRT P3232 SCREW

KOD / CODE		AÇIKLAMASI
	SNSV	PUNTA TAKIMI VİDASI / CENTER TOOLS SCREW
	BMP 1	TNMG 16 PİM/PIN
	BMP 2	TNMG 22 PİM/PIN
	BMP 3	WNMG 08 PİM/PIN
	SLAY1	DNMG 15. CNMG 12. SNMG 12. WNMG 08 ALTLIK YAYI / SHIM SPRING
	SLAY2	CNMG 16. SNMG 15 ALTLIK YAYI.SHIM SPRING
	SLAY3	CNMG 16 ALTLIK YAYI/SHIM SPRING

YEDEK PARÇALAR

Spare Parts

KOD / CODE		AÇIKLAMASI / DETAILS
	BAX DN11	DNMG 11 ALTLIK/SHIM
	BAX DN15	DNMG 15 ALTLIK/SHIM
	BAX CN12	CNMG 12 ALTLIK/SHIM
	BAX CN16	CNMG 16 ALTLIK/SHIM
	BAX CN19	CNMG 19 ALTLIK/SHIM
	BAX WN08	WNMG 08 ALTLIK/SHIM
	BAX SN12	SNMG 12 ALTLIK/SHIM
	BAX SN15	SNMG 15 ALTLIK/SHIM
	BAX TN16	TNMG 16 ALTLIK/SHIM
	BAX TN22	TNMG 22 ALTLIK/SHIM
	BAX VN16	VNMG 16 ALTLIK/SHIM
	BAX DC11	DCMT 11 ALTLIK/SHIM
	BAX SC09	SCMT 09 ALTLIK/SHIM
	BAX SC12	SCMT 12 ALTLIK/SHIM
	BAX CC09	CCMT 09 ALTLIK/SHIM
	BAX CC12	CCMT 12 ALTLIK/SHIM
	BAX VB16	VBMT 16 ALTLIK/SHIM
	BAX TC16	TCMT 16 ALTLIK/SHIM
	BAX VC16	VCMT 16 ALTLIK/SHIM
	BAX KN16-R/L	KNUX 16-R/L ALTLIK/SHIM
	BAX ER/L16-R/L-BAX IR/L16-R/L BAX ER/L22-R/L-BAX IR/L22-R/L	ER/L - IR/L 16-R/L ALTLIK/SHIM ER/L - IR/L 22-R/L ALTLIK/SHIM
	BAX TER/L16-R/L BAX TER/L22-R/L	TER/L 16-R/L ALTLIK/SHIM TER/L 22-R/L ALTLIK/SHIM

YEDEK PARÇALAR

Spare Parts

	ÜRÜN KODU	AÇIKLAMASI / DETAILS
	SSV M1.8x4	APMT 0602
	SSV M2x6	LPGT 0102../BDMT0703../3PKT-0603.. SPMT(PD) 0402../XOMT(PD) 0402../ SPMT(DM) 0502../SPMG 0502
	SSV M2.2x6	XOMX0602../XDKT0703../SPMG0602../SPMT(PD)0602../XOMT(PD)0602.. SPMT(DM)0602../TCM.0902../IR08..
	SSV M2.5x7	DCM.07T3../CCM.0602../VBM.1103../TCM.1102../VCM1103../11ER/11IR WCM.0302../WCM.0402../WCM0402../BLMP0603../LN..0804../AOMT1206.. XPLX0603../JOMT06T2../ADMT0803../RT1003../XOMX10T3../APKT09T3.. BDMT1103../SPMG07T3../3PKT10../XOMT(PD)07T2../SPMT07T2(PD).. SPMT(DM)07T2../WDMT0603../RD0702../NFTG08
	SSV M3x9	APKT1204../WNMX09T3../WCM.0503../RC.T0803../JOM.0803../RD0803.. LNHU0904../JOMT0803../WDMT0804../XOMT(PD)0903../SPMT(PD)0903.. SPMT(DM)0903../4NKT0603../XNKT0604../ANGX1105../ADKT1204../JOMT0803.. LNHU0912../LN.X1006../AXMT1235../SPKT08T3../LOGU0303..
	SSV M3.5x11	DCM.11T3../SCM.09T3../CCM.09T3../RC.T1003../RC.T1204../16ER/16IR/RD..1003.. TC1102../AP..1604../R390.17../R290.11/SE12T3..R245T3../SEET1273../WCM.0503.. WCM06T3../SPMG(DM)0904../SDMT09T3../SDKX0904../R210.09../XDLX09T3.. JDM.09T3../BLMP0904../LN..1306../490R.14/RD12T3../QPMT10T3../RPNX10T3.. XDLX09T3../SOMT12T3../LNGX1205../OD0504../ADMT1606../VCGT1606.. SPMT(PD)11T3../XOMT(PD)11T3..
	SSV M3.5X14	(S32) DCM.11T3../SCM.09T3../VBM.1604../VCM.1604../CCM.09T3../RC1204..
	SC-SSV M3.5X7	XOMT12T3 (SECO)
	SSV M4x11	CCM.1204../SDMT09T3../ADM.1204../SOMT1004../WDMT1204../LNKT1506.. AN.X1205../BDMT1704../LN.G1205../RD1604../AXMT1705../LN.X1510../ XNKT08..QPMT1204../3PKT1505../RPM.1204../AN.G1607../ADKT1505../RT1606.. APKT1705../SPMG1104../22ER/22IR/SN..1206../WCM.0804../SPMG1104.. LN.X1510../SDMT1204../XNEX0806../
	SSV M4x16	SCM.1206../CCM.1206..
	SSV M4.5x16	XOMX1806..
	KY-SSV M5x13	ON.X0606../WN0806..
	SSV M5x11	AN.X1706../SPMG1405..

YEDEK PARÇALAR

Spare Parts

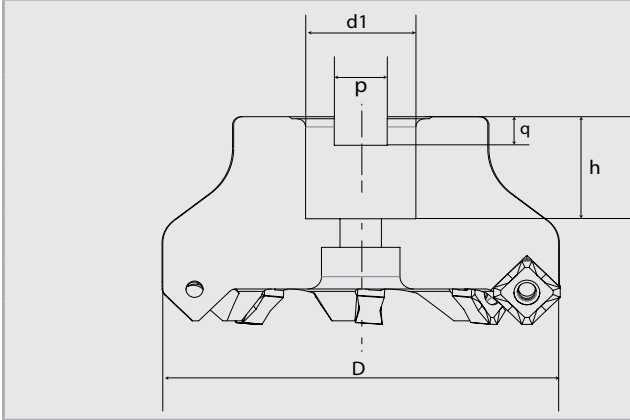
ÜRÜN KODU		AÇIKLAMASI / DETAILS
	TSAB-M4x10	DNMG 15. CNMG 12. SNMG 12. VNMG 16. WNMG 08 ALTLIK VİDASI / SHIM SCREW
	TSAB-M6x10x9	CNMG16. SNMG 15. ALTLIK VİDASI / SHIM SCREW
	TSAB-M6x11x9	CNMG 19
	CSAB-M3x10	KNUX16 R/L ALTLIK VİDASI / SHIM SCREW
	SBV-M5x05 A3.15x11	DCMT 11. VBMT 16. SCMT 09. CCMT 09. TCMT 16. ER/L 16
	SBV-M6x0.75 A4.5x11	SCMT 12. CCMT 12. ER/L 22
	CSP 6.5x12	PUL/STAMP
	CSS1	SEKMAN / RING

ÜRÜN KODU		AÇIKLAMASI / DETAILS
	T06	TORK ANAHTAR / TORX KEYS
	T07	
	T08	
	T10	
	T15	
	T20	
	AA1.5	ALYAN ANAHTAR / ALLEN KEYS
	AA2	
	AA3	
	AA3	
	AA4	
	AA5	
	AA6	

TARAMA BAŞLIĞI MONTAJ ÖLÇÜLERİ

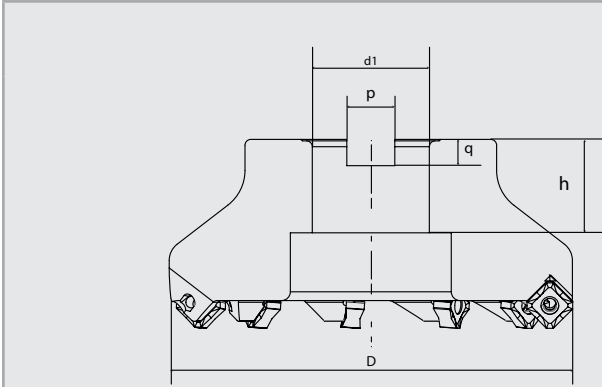
Face Mill Mounting Dimensions

A TİP / A Type



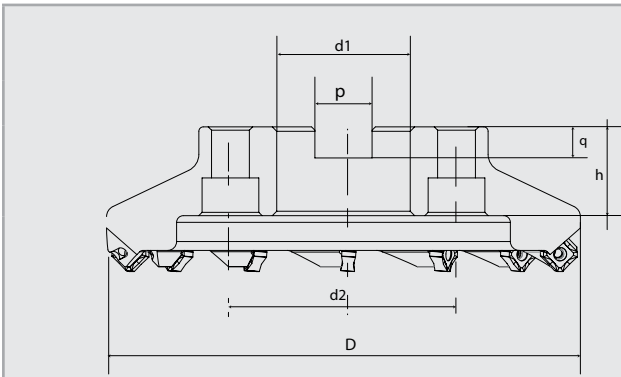
D	d1	d2	p	q	h
40	16	-	8.4	5.6	20
50	22	-	10.4	6.3	22
63	22	-	10.4	6.3	22
80	27	-	12.4	7	25
100	32	-	14.4	8	26

B TİP / B Type



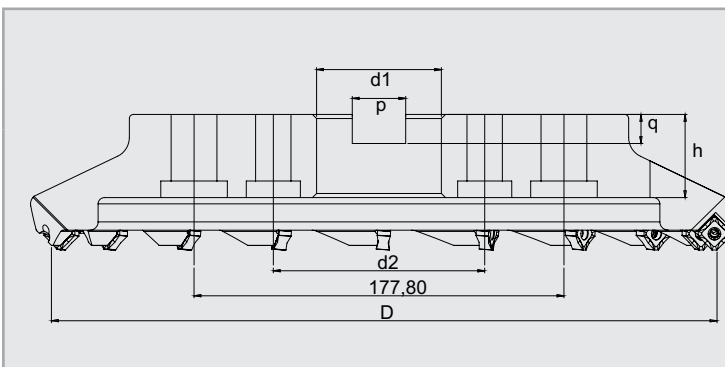
D	d1	d2	p	q	h
125	40	-	16.4	9	32

C TİP / C Type



D	d1	d2	p	q	h
160	40	66.7	16.4	9	32
200	60	101.6	25.7	14	40
250	60	101.6	25.7	14	40

D TİP / D Type



D	d1	d2	p	q	h
315	60	101.6	25.7	14	40

Teknoloji profesyonellikle birleřti
Technology combined with professionalism





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