

KURUMSAL CORPORATE

2004 yılından bugüne sanayi sektöründe faaliyet gösteren firmamız, 2013 yılında BI-AX Cutting Tools markası ile kesici uç bağlama ekipmanları üretimine başlamıştır

Kurulduğu günden beri büyük bir azim ve sabırla çalışarak,Türkiye ve Avrupa ülkeleri başta olmak üzere dünyanın birçok ülkesinde ürünlerini satışa sunmaktadır.

2015 yılında ihracat markası olan SMOXH'u iç piyasayada dahil ederek yeni bir atılım ve yenilik getirerekten yoluna güçlü bir şekilde devam etme kararı almıştır.

Firmamız gelişen teknolojiye ayak uydurarak ,makina parkurunu arttırmış ve oluşturduğu bilgisayarlı tezgahlarla ürün çeşitliliğini arttırmasının yanısıra sektörde aranan bir marka haline gelmiştir.

Müşteri memmuniyetini herşeyden üstün tutan firmamız ,siz değerli müşterilerine kaliteli ürün sunmakta ve ürün fiyatlarını piyasa koşullarının altında tutmaktadır.

Gelişen,değişen ve dinamik yapısı ile gelecek yıllarda da siz değerli müşterilerine yenilikçi ürünler sunmaya devam etmektedir.

Our company,which has been carrying on business since 2004 in industry sector,is manufacturing cutting tip fasteners under the brand name BI-AX Cutting Tools in 2013.

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 SMOXH 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.

Our company,which not only uses the technology ,but also understands and develops it,which has been in a dynamic process since its establishment,continues the works that will broaden horizons in the next years.

Teknoloji profesyonellik birleşti.
Technology professionalism combined.

T SİSTEM DIŞ TORNA KATERLERİ
T System External Lathe Tool Holders

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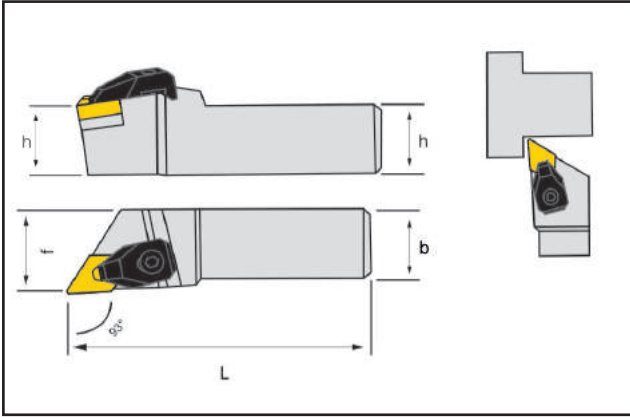
I T SİSTEM DIŞ TORNA KATERLERİ

I T System External Lathe Tool Holders

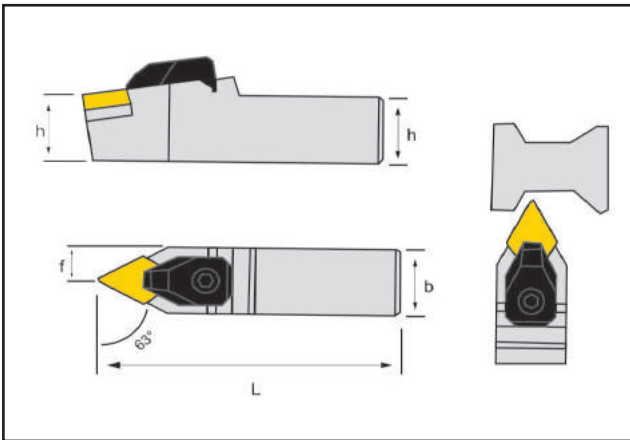


T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders



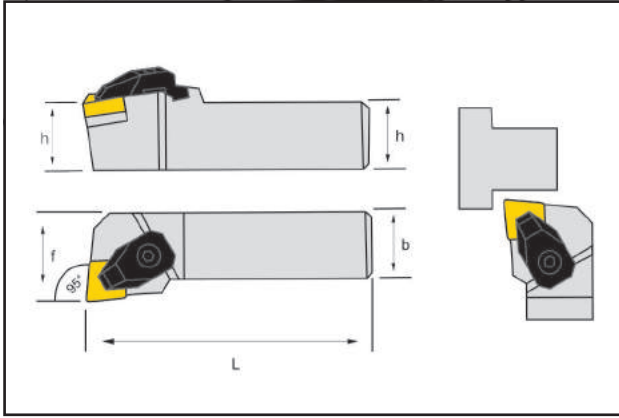
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TDJNR/L	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
1616 H11	16	16	100	20							
2020 K11	20	20	125	25	DNM.1104..	TSK2	TSBV M5x23,5	BAX DN11	TSAV M4X10	TSP 6,5X12	AA3
2525 M11	25	25	150	32	DNM.1506..	TSK1	TSBV M6x30	BAX DN15	TSAV M4X10	TSP 6,5X12	AA3
2020 K15	20	20	125	25							
2525 M15	25	25	150	32							
3232 P15	32	32	170	40							
4040 S15	40	40	250	50							



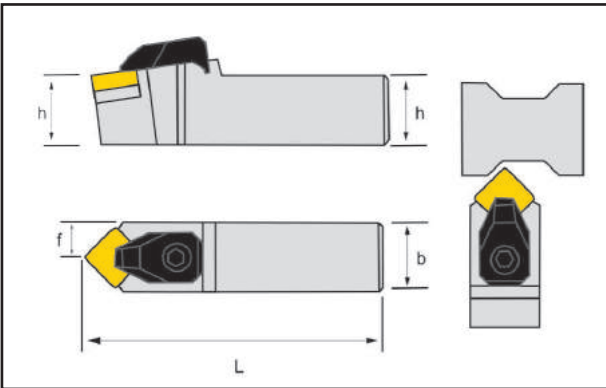
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TDNNN	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
1616 H11	16	16	100	8							
2020 K11	20	20	125	10	DNM.1104..	TSK2	TSBV M5x23,5	BAX DN11	TSAV M4X10	TSP 6,5X12	AA3
2525 M11	25	25	150	12.5	DNM.1506..	TSK1	TSBV M6x30	BAX DN15	TSAV M4X10	TSP 6,5X12	AA3
2020 K15	20	20	125	10							
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



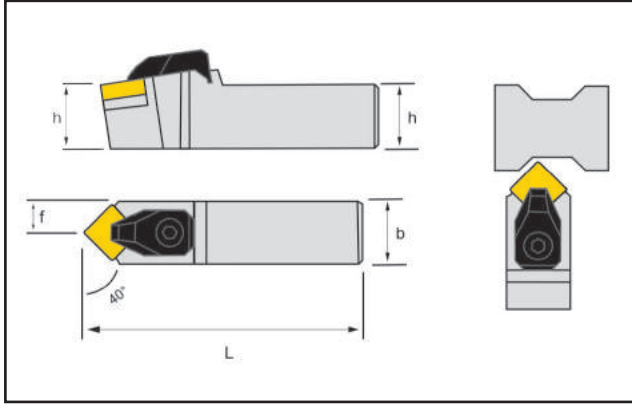
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TCLNR/L											
2020 K12	20	20	125	25	CNM.1204..	TSK1	TSBV M6X7	BAX-CN12	TSAV M4X10	TSP 6,5X12	AA3
2525 M12	25	25	150	32							
3232 P12	32	32	170	40							
4040 S12	40	40	250	50							
2525 M16	25	25	150	32	CNM.1606..	TSK3	TSBV M6X30x7	BAX- CN16	TSAV M6X16	-	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 M6X16	-	AA4
4040 S19	40	40	250	50							



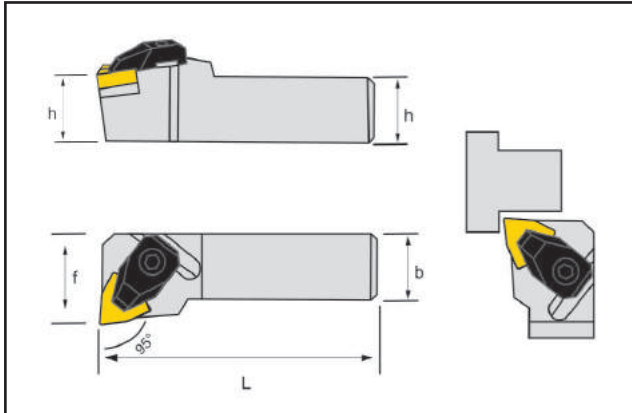
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	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
TCMNN											
1616 H12	16	16	100	8	CNM.1204..	TSK1	TSBV M6x30	BAX-CN12	TSAV M4X10	TSP 6,5X12	AA3
2020 K12	20	20	125	10							
2525 M12	25	25	150	12.5							
3232 P12	32	32	170	16							
3232 P16	32	32	170	16	CNM.1606..	TSK3	TSBV M6X30x7	BAX- CN16	TSAV M6X16	-	AA4
4040 P16	40	40	250	20							
3232 P19	32	32	170	16							
4040 S19	40	40	250	20	CNM.1909..	TSK4	TSBV M8X30	BAX- CN19	TSAV M6X16	-	AA4

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T System External Lathe Tool Holders



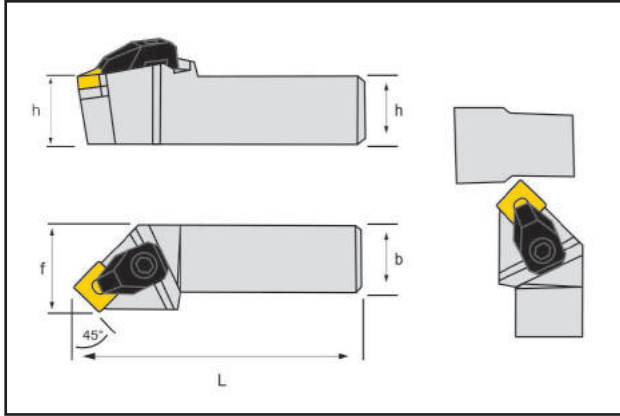
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TCZNN	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K12	20	20	125	10	CNM.1204..						
2525 M12	25	25	150	12.5		TSK1	TSBV M6x30	BAX-CN12	TSAV M4x10	TSP 6,5x12	AA3
3232 P12	32	32	170	16							
2525 M16	25	25	150	12.5	CNM.1606..						
3232 P16	32	32	170	16		TSK3	TSBV M6x30x7	BAX-CN16	TSAV M6x16	TSP 6,5x12	AA4
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 M6x16	-	AA4

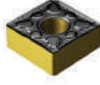


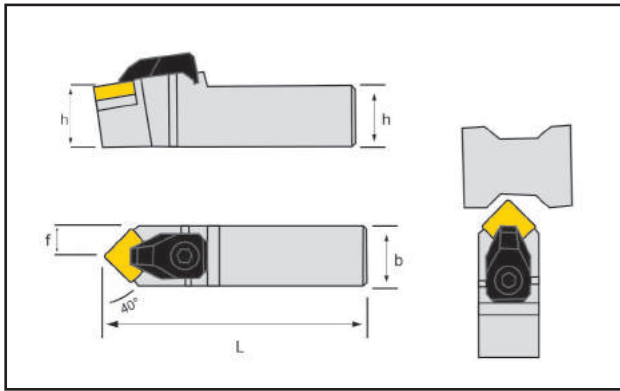
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TWLNR/L	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
1616 H06	16	16	100	20	WNM.0604..			-	-		
2020 K06	20	20	125	25		TSK2	TSBV M5x23,5	-	-	TSP 6,5x12	AA3
2525 M06	25	25	150	32							
2020 K08	20	20	125	25	WNM.0804..						
2525 M08	25	25	150	32		TSK1	TSBV M6x30	BAX-WN08	TSAV M4x10	TSP 6,5x12	AA3
3232 P08	32	32	170	40							
4040 S08	40	40	250	50							

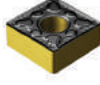
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T System External Lathe Tool Holders



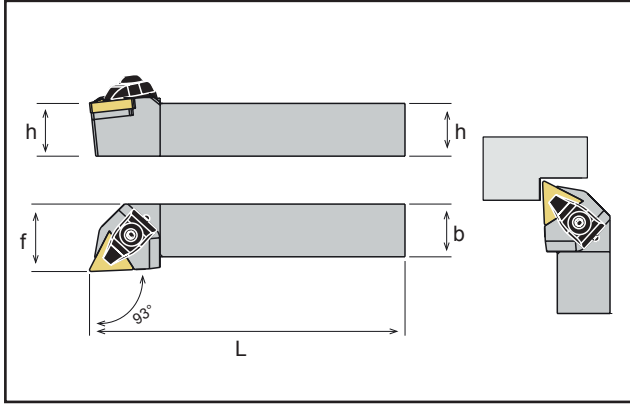
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TSSNR/L	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K12	20	20	125	25	SNM.1204..						
2525 M12	25	25	150	32		TSK1	TSBV M6x30	BAX SN12	TSAV M4X10	TSP 6,5X12	AA3
3232 P12	32	32	170	40							
2525 M15	25	25	150	32	SNM.1504..					-	
3232 P15	32	32	170	40		TSK3	TSBV M6x30x7	BAX SN15	TSAV M6X16	-	AA4
4040 S15	40	40	250	50							



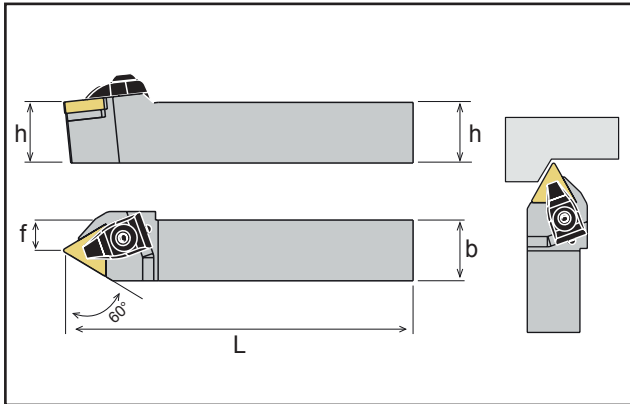
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TSDNN	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K12	20	20	125	10	SNM.1204..						
2525 M12	25	25	150	12.5		TSK1	TSBV M6x30	BAX SN12	TSAV M4X10	TSP 6,5X12	AA3
3232 P12	32	32	170	16							
2525 M15	25	25	150	12.5	SNM.1504..					-	
3232 P15	32	32	170	16		TSK3	TSBV M6x30x7	BAX SN15	TSAV M6X16	-	AA4
4040 S15	40	40	250	20							

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T System External Lathe Tool Holders



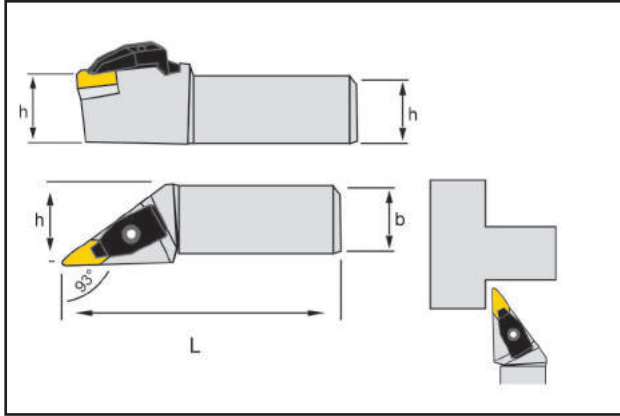
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TTJNR	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K16	20	20	125	25	TNM.1604..		TSBV M5x25	BAX-TN16	TSAV M4X10	TSP 6,5X12	AA3
2525 M16	25	25	150	32							
3232 P16	32	32	170	40							
2525 M22	25	25	150	32	TNM.2204..		TSBV M6x30	BAX-TN22	TSAV M4X10	TSP 6,5X12	AA3
3232 P22	32	32	170	40							
4040 S22	40	40	250	50							



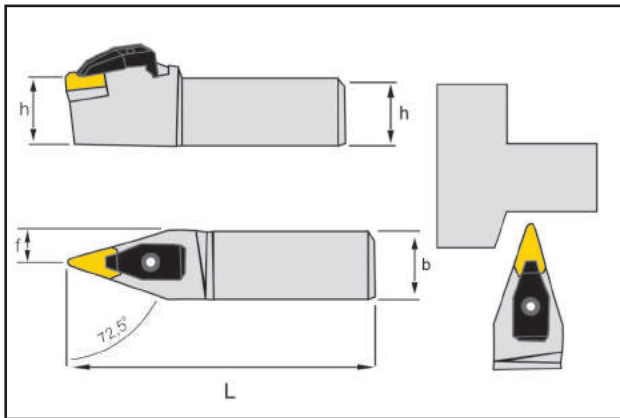
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TTENN	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K16	20	20	125	10	TNM.1604..		TSBV M5x25	BAX-TN16	TSAV M4X10	TSP 6,5X12	AA3
2525 M16	25	25	150	12,5							
3232 P16	32	32	170	16							
2525 M22	25	25	150	12,5	TNM.2204..		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



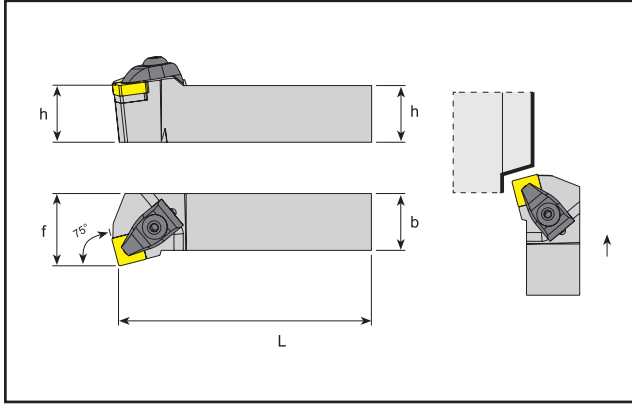
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TVJNR	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K16	20	20	125	25	VNM.1604..						
2525 M16	25	25	150	32		TSK5	TSBV M6x30	BAX-VN16	TSAV M4X10	TSP 6,5X12	AA3
3232 P16	32	32	170	40							
4040 S16	40	40	250	50							



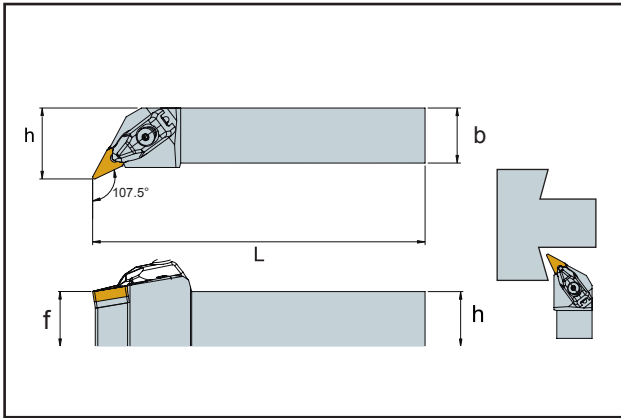
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TVVNN	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2020 K16	20	20	125	10	VNM.1604..						
2525 M16	25	25	150	12,5		TSK5	TSBV M6x30	BAX-VN16	TSAV M4X10	TSP 6,5X12	AA3
3232 P16	32	32	170	16							
4040 S16	40	40	250	20							

T SİSTEM DIŞ TORNA KATERLERİ

T System External Lathe Tool Holders

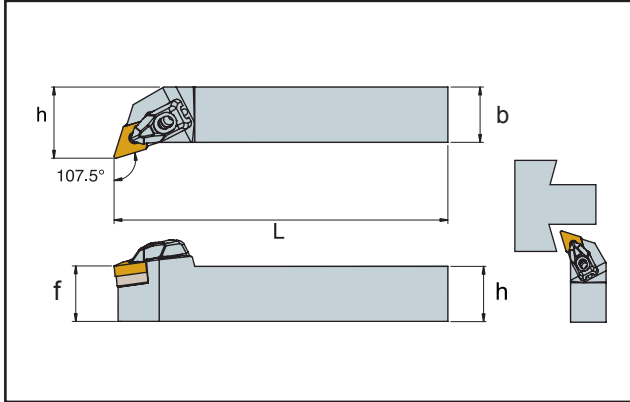


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	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
TSKNR/L											
2020 K12	20	20	125	25	SNM.1204..	TSK1	TSBV M6x30	BAX-SN12	TSAV M4X10	TSP 6,5X12	AA3
2525 M12	25	25	150	32							
3232 P12	32	32	170	40							
3232 P15	32	32	170	40	SNM.1508..	TSK3	TSBV M6x30X7	BAX-SN15	TSAV M6x16	-	AA4



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
TVHNR/L											
2020 K16	20	20	125	25	VNM.1604..	TSK5	TSBV M6x30	BAX-VN16	TSAV M4X10	TSP 6,5X12	AA3
2525 M16	25	25	150	32							
3232 P16	32	32	170	40							

T SİSTEM DIŞ TORNA KATERLERİ T System External Lathe Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TDHNR/L	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
2525 M15	25	25	150	32	DNM.1506						
3232 P15	32	32	170	40		TSK1	TSBV M6x30	BAX-DN15	TSAV M4X10	TSP 6.5X1	AA3



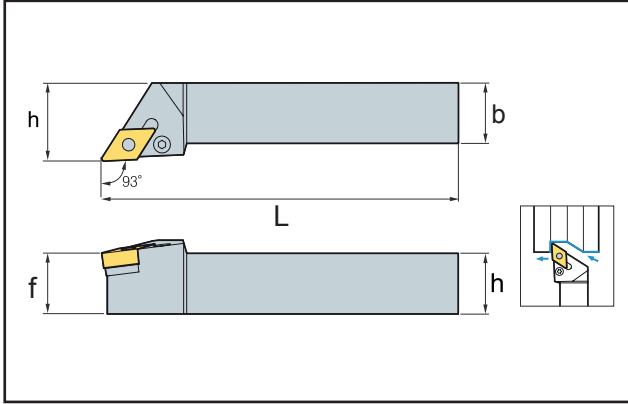
I P SİSTEM DIŞ TORNA KATERLERİ

I P System External Lathe Tool Holders

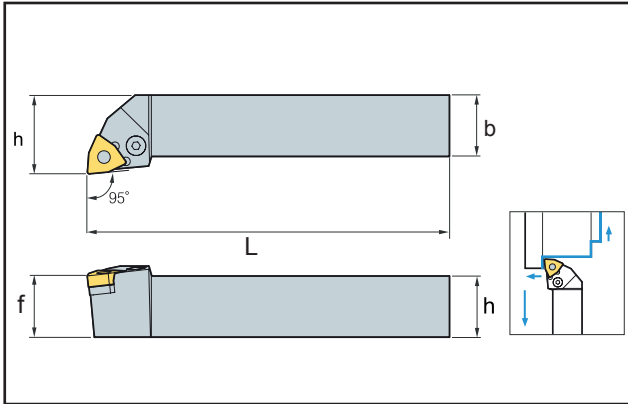


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P System External Lathe Tool Holders



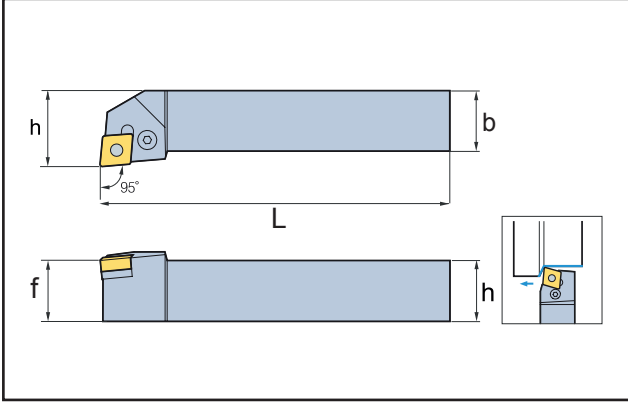
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PDJNR/L	h	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yay Shim Spring	Anahtar Allen Key
2020 K15	20	20	125	25	DNM.1508..					
2525 M15	25	25	150	32						
3232 P15	32	32	170	40						
4040 S15	40	40	250	50						
						SPL1	SLV1 M8X20	BAX-DN15	SLAY1	AA3



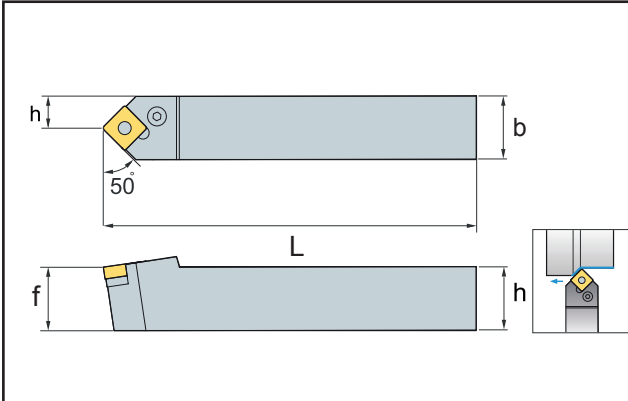
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PDLNR/L	h	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yay Shim Spring	Anahtar Allen Key
2020 K08	20	20	125	25	WNM.0804..					
2525 M08	25	25	150	32						
3232 P08	32	32	170	40						
4040 S08	40	40	250	50						
						SPL1	SLV1 M8X20	BAX- WN08	SLAY1	AA3

P SİSTEM DIŞ TORNA KATERLERİ

P System External Lathe Tool Holders

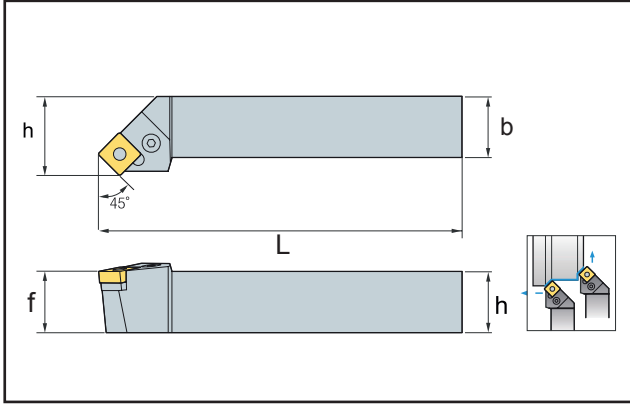


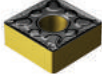
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PCLNR/L	h	b	L	f		Levyeler Lever	Levyeler Vidaları Lever Screw	Altıtlık Shim	Altıtlık Yayları Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	25	CNM.1204..	SPL1	SLV1 M8X20	BAX-CN12	SLAY1	AA3
2525 M12	25	25	150	32						
3232 P12	32	32	170	40						
2525 M16	25	25	150	32	CNM.1606..	SPL2	SLV1 M8X22	BAX-CN16	SLAY2	AA5
3232 P16	32	32	170	40						
3232 P19	32	32	170	40	CNM.1906..	SPL3	SLV1 M10X25	BAX-CN19	SLAY3	AA6
4040 S19	40	40	250	50						

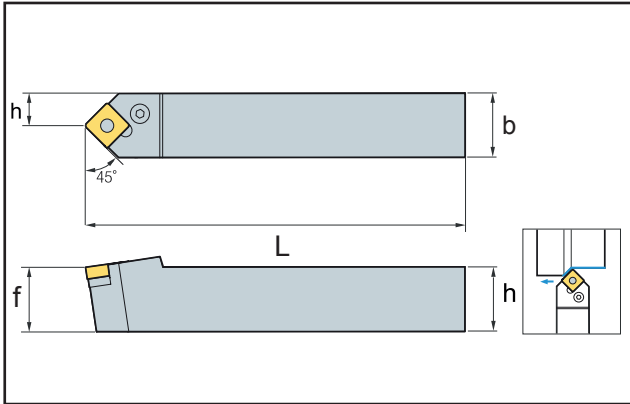


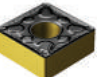
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PCMNN	h	b	L	f		Levyeler Lever	Levyeler Vidaları Lever Screw	Altıtlık Shim	Altıtlık Yayları Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	10	CNM.1204..	SPL1	SLV1 M8X20	BAX-CN12	SLAY1	AA3
2525 M12	25	25	150	12,5						
3232 P12	32	32	170	16						
2525 M16	25	25	150	12,5	CNM.1606..	SPL2	SLV1 M8X22	BAX-CN16	SLAY2	AA5
3232 P16	32	32	170	16						
3232 P19	32	32	170	16	CNM.1906..	SPL3	SLV1 M10X25	BAX-CN19	SLAY3	AA6

P SİSTEM DIŞ TORNA KATERLERİ P System External Lathe Tool Holders

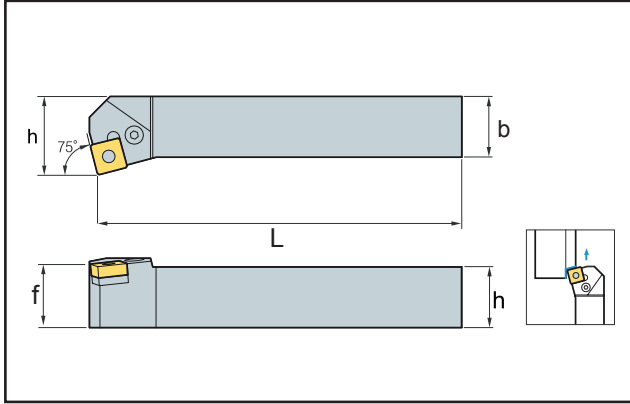


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PSSNR/L	h	b	L	f		Levyé Lever	Levyé Vidası Lever Screw	Altlık Shim	Altlık Yay Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	25						
2525 M12	25	25	150	32		SPL1	SLV1 M8X20	BAX-SN12	SLAY1	AA3
3232 P12	32	32	170	40						
3232 P15	32	32	170	40	SNM.1506..	SPL2	SLV1 M8X22	BAX-SN15	SLAY2	AA5

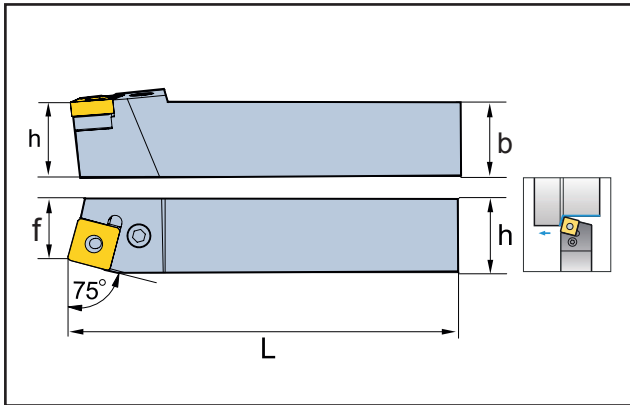


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PSDNN	h	b	L	f		Levyé Lever	Levyé Vidası Lever Screw	Altlık Shim	Altlık Yay Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	10						
2525 M12	25	25	150	12,5		SPL1	SLV1 M8X20	BAX-SN12	SLAY1	AA3
3232 P12	32	32	170	16						
2525 M15	25	25	150	12,5	SNM.1506..	SPL2	SLV1 M8X22	BAX-SN15	SLAY2	AA5
3232 P15	32	32	170	16						

P SİSTEM DIŞ TORNA KATERLERİ P System External Lathe Tool Holders

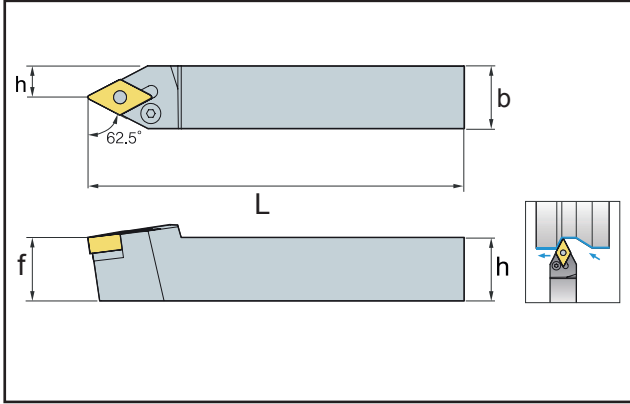


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PSKNR/L	h	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yay Shim Spring	Anahtar Allen Key
2020 K12	20	20	125	25	SNM.1204..					
2525 M12	25	25	150	32		SPL1	SLV1 M8X20	BAX-SN12	SLAY1	AA3
3232 P12	32	32	170	40						
2525 M15	25	25	150	32	SNM.1506..	SPL2	SLV1 M8X22	BAX-SN15	SLAY2	AA5
3232 P15	32	32	170	40						

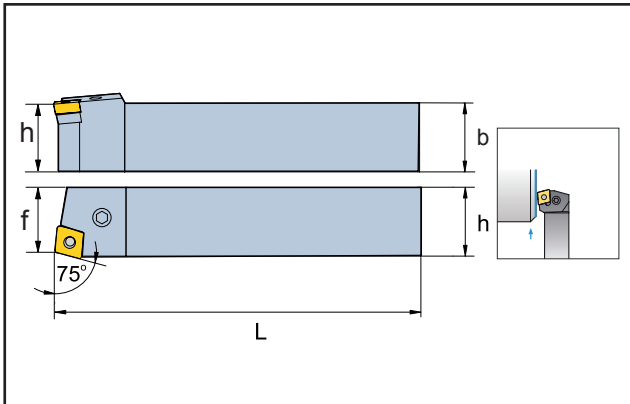


KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PCBNR/L	h	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yay Shim Spring	Anahtar Allen Key
2525 M12	25	25	150	32	CNM.1204..					
3232 P12	32	32	170	40		SPL1	SLV1 M8X20	BAX-CN12	SLAY1	AA3

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	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altık Shim	Altık Yay 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						



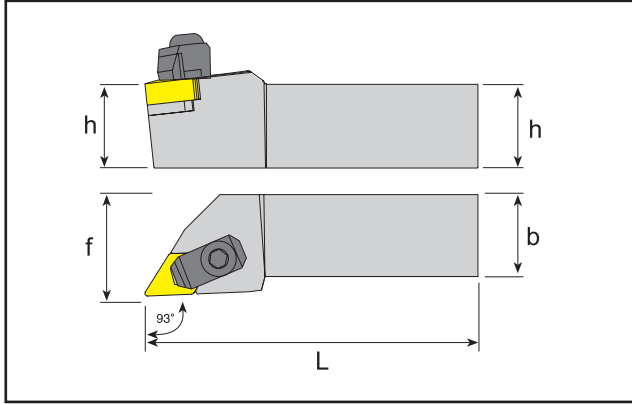
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS						
PSBNR/L	h	b	L	f		Levyeler Lever	Levyeler Vidası Lever Screw	Altlık Shim	Altlık Yay Shim Spring	Baskı Parçası Wedge Clamp	Baskı Vidası Clamp Screw	Anahtar Allen Key
												
						2525 M12	25	25	150	32	SNM.1204..	SPL1
3232 P12	32	32	170	40								

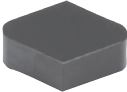
I C SİSTEM DIŞ TORNA KATERLERİ

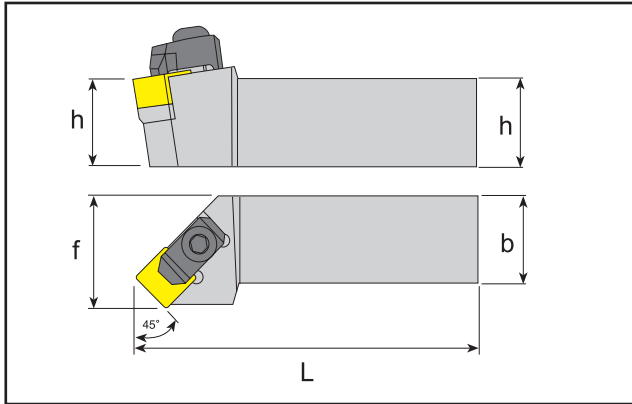
I C System External Lathe Tool Holders



C SİSTEM DIŞ TORNA KATERLERİ C System External Lathe Tool Holders



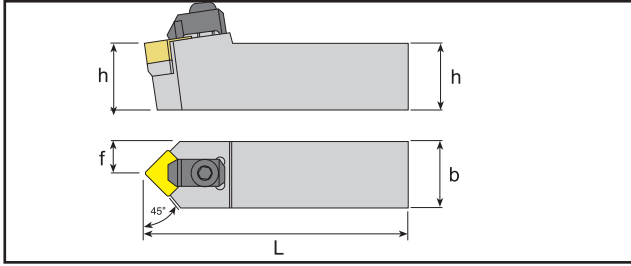
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT						
CDJNR/L	h	b	L	f		Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
2525 M15	25	25	150	32							
3232 P15	32	32	170	40		CSK1	CSBV M6X30	BAX-DN15	CSAV M4X10	CSS1	AA3



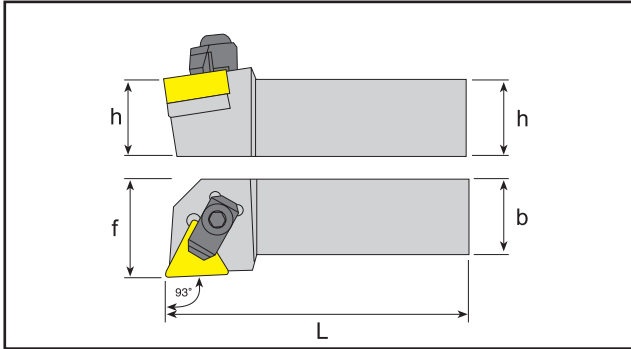
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT						
CSSNR/L	h	b	L	f		Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
2525 M12	25	25	150	32							
3232 P12	32	32	170	40		CSK1	CSBV M6X30	BAX-SN12	CSAV M4X10	CSS1	AA3

C SİSTEM DIŞ TORNA KATERLERİ

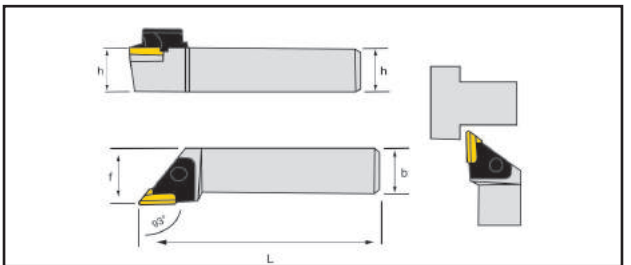
C System External Lathe Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KEŞİCİ UÇ INSERT	Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CSDNN	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)				KEŞİCİ UÇ INSERT	Baskı Pabucu Wedge Clamp	Baskı Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Sekman Ring	Anahtar Allen Key
CTJNR/L	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)				KEŞİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
CKJNR/L	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Allen Key
2020 K16	20	20	125	25	KNUX1604..					
2525 M16	25	25	150	32						
3232 P16	32	32	170	40						
4040 S16	40	40	250	50						

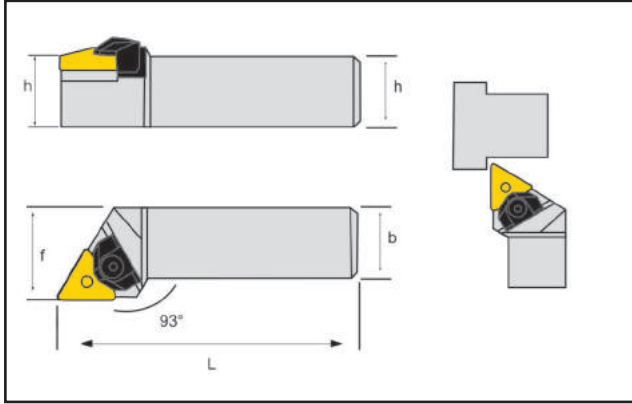
I M SİSTEM DIŞ TORNA KATERLERİ

I M System External Lathe Tool Holders

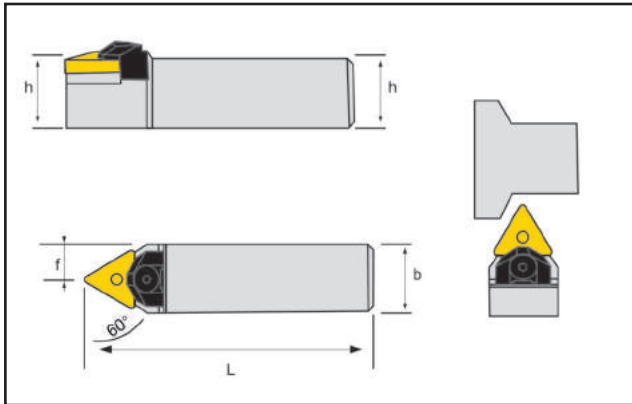


M SİSTEM DIŞ TORNA KATERLERİ

M System External Lathe Tool Holders



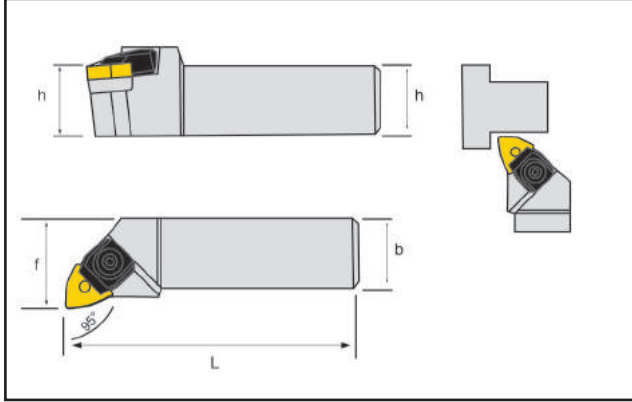
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MTJNR/L	h	b	L	f		Baskı Parçası Clamp 	Baskı Vidası Screw 	Altık Shim 	Pim Pin 	Pul Stamp 	Anahtar Allen Key 
2020 K16	20	20	125	25	TNM.1604..	MSK-1	TSBV M6x30	BAX-TN16	BPM1 3,70x5	TSP 6,5X12	AA3
2525 M16	25	25	150	32							
3232 P16	32	32	170	40							
2525 M22	25	25	150	32	TNM.2204..	MSK-1	TSBV M6x30	BAX-TN22	BPM2 6x5	TSP 6,5X12	AA3
3232 P22	32	32	170	40							
4040 S22	40	40	250	50							



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MTENN	h	b	L	f		Baskı Parçası Clamp 	Baskı Vidası Screw 	Altık Shim 	Pim Pin 	Pul Stamp 	Anahtar Allen Key 
2020 K16	20	20	125	10	TNM.1604..	MSK-1	TSBV M6x30	BAX-TN16	BPM1 3,70x5	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..	MSK-1	TSBV M6x30	BAX-TN22	BPM2 5x6	TSP 6,5X12	AA3
3232 P22	32	32	170	16							
4040 S22	40	40	250	20							

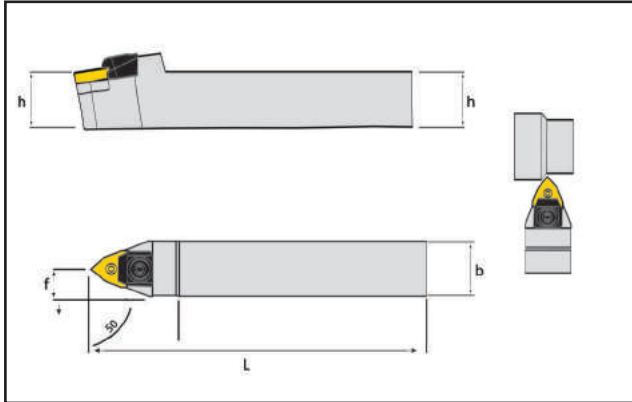
M SİSTEM DIŞ TORNA KATERLERİ

M System External Lathe Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Pim Pin	Yay Spring	Anahtar Allen Key
MWLNR/L											
1616 H06*	16	16	100	20	WNL.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	WNL.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							
4040 S08	40	40	250	50							

* ALTLIKSIZ



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
	h	b	L	f		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Pim Pin	Yay Spring	Anahtar Allen Key
MWDNN											
1616 H06*	16	16	100	8	WNL.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	WNL.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							
4040 S08	40	40	250	20							

* ALTLIKSIZ

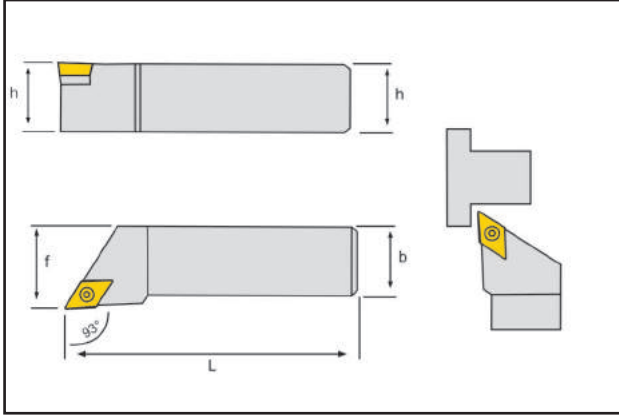
I S SİSTEM DIŞ TORNA KATERLERİ

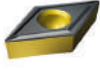
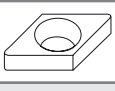
I S System External Lathe Tool Holders

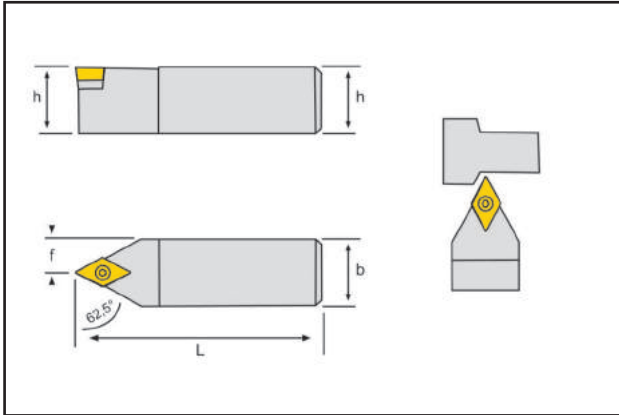


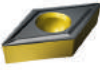
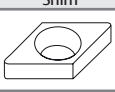
S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders



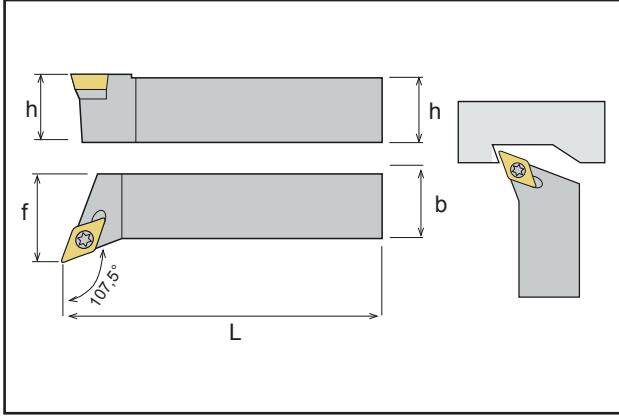
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDJCR/L	h	b	L	f		Sıkma Vidası Clamp Screw 	Altık Shim 	Altık Vidası Shim Screw 	Anahtar Torx Key 
0808 E07	08	08	70	10	DCM.0702..	SSV M2,5X7	-	-	T08
1010 E07	10	10	70	12					
1212 F07	12	12	80	16					
1616 H07	16	16	100	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					

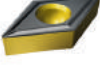


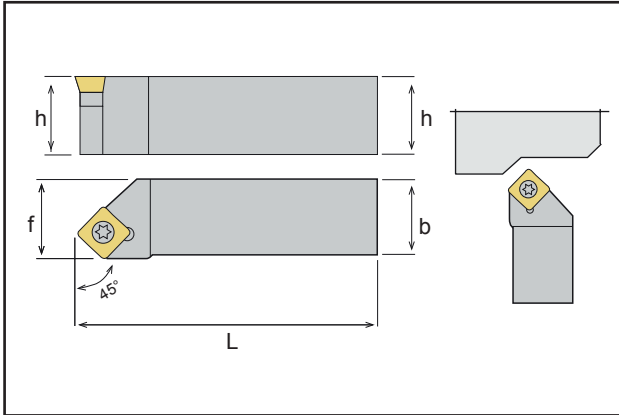
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SDNCN	h	b	L	f		Sıkma Vidası Clamp Screw 	Altık Shim 	Altık Vidası Shim Screw 	Anahtar Torx Key 
0808 E07	08	08	70	04	DCM.0702..	SSV M2,5X7	-	-	T08
1010 E07	10	10	70	05					
1212 F07	12	12	80	06					
1616 H07	16	16	100	08					
1616 H11	16	16	100	08	DCM.11T3..	SSV M3,5X14	BAX- DC11	SBV-M5.05 A3,5x11	T15
2020 K11	20	20	125	10					
2525 M11	25	25	150	12,5					
3232 P11	32	32	170	16					

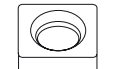
S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders



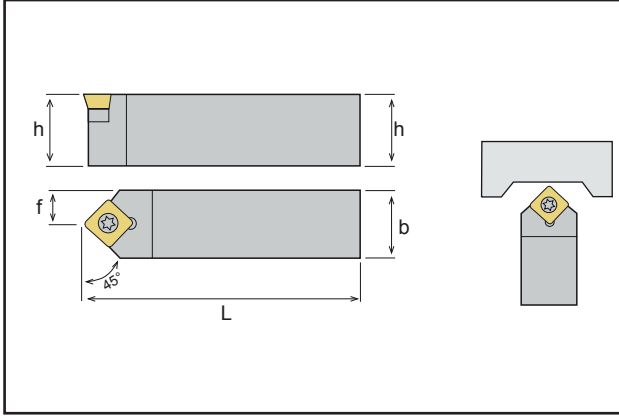
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDHCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Anahtar Torx Key
0808 E07	08	08	70	10	DCM.0702..				
1010 E07	10	10	70	12					
1212 F07	12	12	80	16					
1616 H07	16	16	100	20					
1616 H11	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					



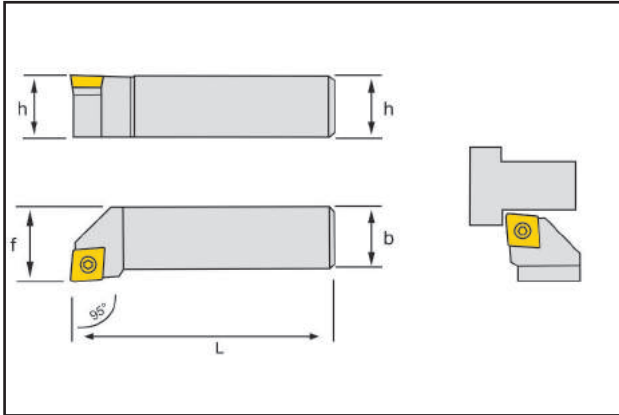
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SSSCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Anahtar Torx Key
1212 F09	12	12	80	16	SCM.09T3..				
1616H09	16	16	100	20					
2020K09	20	20	125	25					
2525 M09	25	25	150	32					
1616 H12	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



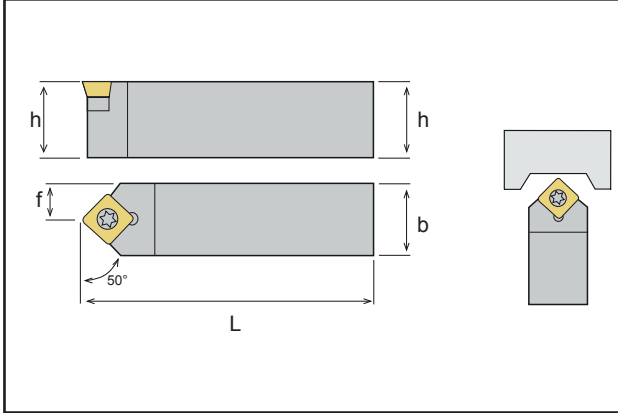
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SSDCN	h	b	L	f		Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Anahtar Torx Key
1212 F09	12	12	80	6	SCM.09T3..		-	-	T15
1616 H09	16	16	100	8		SSV M3,5X14	BAX- SC09	SBV-M5.05 A3,5x11	T15
2020 K09	20	20	125	10					
2525 M08	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					



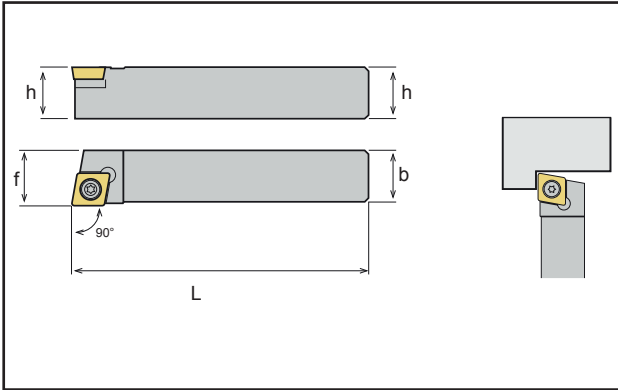
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SCLCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altılık Shim	Altılık Vidası Shim Screw	Anahtar Torx Key
0808 E06	8	8	70	10	CCM.0602..	SSV M2,5x7	-	-	T08
1010 E06	10	10	70	12					
1212 F09	12	12	80	16	CCM.09T3..	SSV M3,5X11	-	-	T15
1616 H09	16	16	100	20		SSV M3,5X14	BAX- CC09	SBV-M5.05 A3,5x11	
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



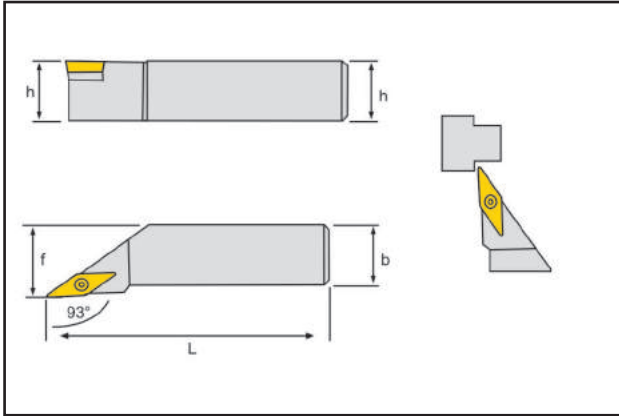
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCMCN	h	b	L	f		Sıkma Vidası Clamp Screw 	Altlık Shim 	Altlık Vidası Shim Screw 	Anahtar Torx Key 
0808 E06	08	08	70	04	CCM.0602..	SSV M2,5x7	-	-	T08
1010 E06	10	10	70	05		SSV M3,5X9	-	-	T15
1212 F09	12	12	80	06		SSV M3,5x14	BAX- CC09	SBV-M5.05 A3,5x11	
1616 H09	16	16	100	08	CCM.09T3..	SSV M3,5x14	BAX- CC09	SBV-M5.05 A3,5x11	
2020 K09	20	20	125	10		SSV M4X16	BAX- CC12	SBV-M6.075 A4x11	
2525 M09	25	25	150	12,5					
2020 K12	20	20	125	10					
2525 M12	25	25	150	12,5	CCM.1204..				T15



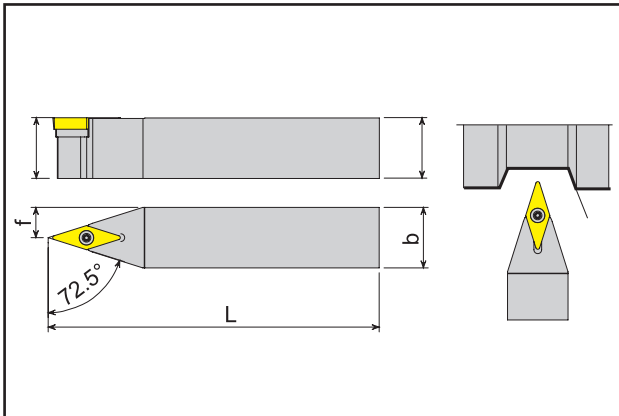
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCACR/L	h	b	L	f		Sıkma Vidası Clamp Screw 	Altlık Shim 	Altlık Vidası Shim Screw 	Anahtar Allen Key 
0808 E06	08	08	70	10	CCM.0602..	SSV M2,5x7	-	-	T08
1010 E06	10	10	70	12		SSV M3,5X14	-	-	T15
1212 F09	12	12	80	16		SSV M3,5x11	BAX- CC09	SBV-M5.05 A3,5x11	
1616 H09	16	16	100	20	CCM.09T3	SSV M4X16	BAX- CC12	SBV-M6.075 A4x11	
2020 K09	20	20	125	25					
2525 M09	25	25	150	32					
2020 K12	20	20	125	25					
2525 M12	25	25	150	32	CCM.1204				T15

S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders



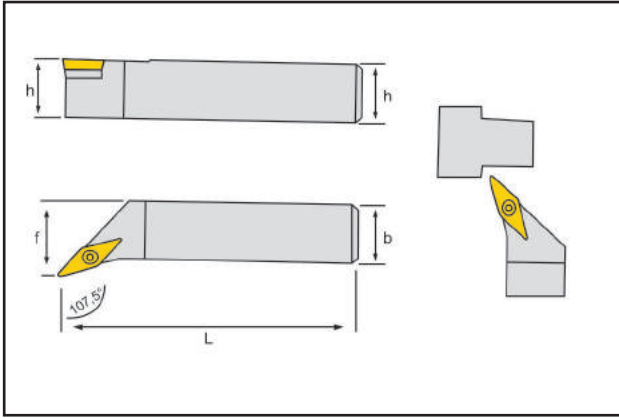
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SVJBR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
1212 F11	12	12	80	16	VBM.1103..	SSV M2,5X7,5	-	-	T08
1616 H11	16	16	100	20					
2020 K11	20	20	125	25					
2525 M11	25	25	150	32					
1616 H16	16	16	100	20	VBM.1604..	SSV M3,5X14	BAX- VB16	SBV-M5.05 A-3,5X11	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					



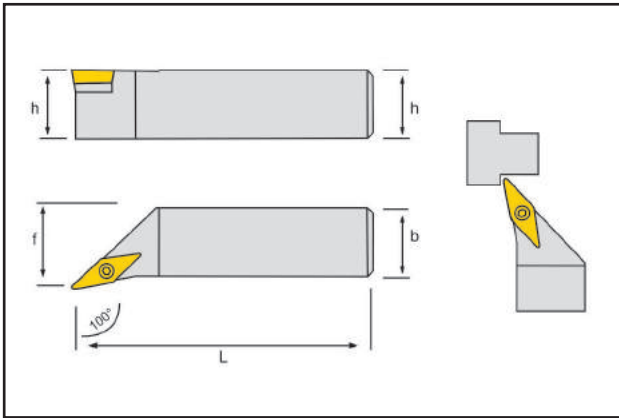
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SVVBN	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	08	VBM.1103..	SSV M2,5X7,5	-	-	T08
2020 K11	20	20	125	10					
2525 M11	25	25	150	12,5					
1616 H16	16	16	100	08	VBM.1604..	SSV M3,5X14	BAX- VB16	SBV-M5.05 A-3,5X11	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



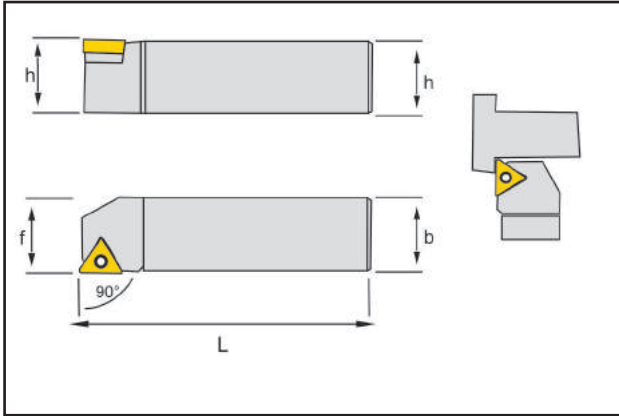
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SVHBR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	20					
2020 K11	20	20	125	25	VBM.1103..	SSV M2,5X7	-	-	T08
2525 M11	25	25	150	32					
1616 H16	16	16	100	20	VBM.1604..	SSV M3,5X14	BAX- VB16	SBV-M5.05 A-3,5	T15
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					



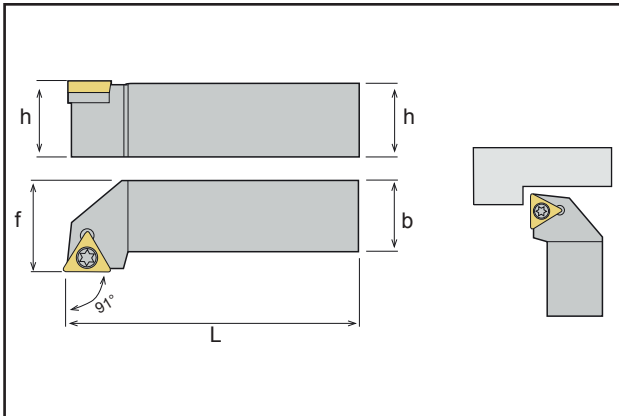
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SVZBR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H11	16	16	100	20					
2020 K11	20	20	125	25	VBM.1103..	SSV M2,5X7	-	-	T08
2525 M11	25	25	150	32					
1616 H16	16	16	100	20	VBM.1604..	SSV M3,5X14	BAX- VB16	SBV-M5.05 A-3,5	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



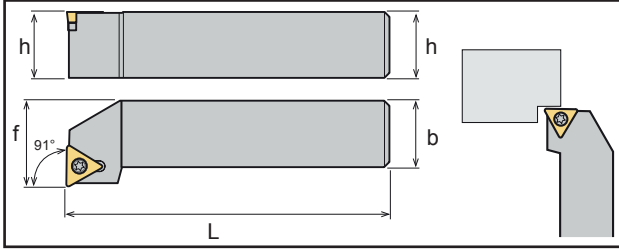
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STJCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
0808 E09	08	08	70	10	TCM.0902..		-	-	T07
1010 E09	10	10	70	12		SSV M2,2 X6	-	-	T07
1212F11	12	12	80	16		SSV M2,5X7,5	-	-	T08
1616H11	16	16	100	20	TCM.16T3..	SSV M3,5X14	BAX- TC16	SBV-M5.05 A-3,5X11	T15
1616 H16	16	16	100	20					
2020 K16	20	20	125	25					
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					



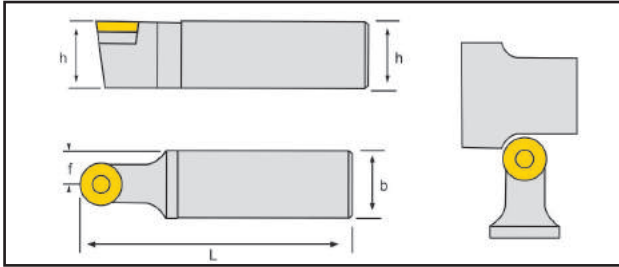
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STGCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
0808 E09	08	08	70	10	TCM.0902..		-	-	T07
1010 E09	10	10	70	12		SSV M2,2 X6	-	-	T07
1212F11	12	12	80	16		SSV M2,5X7,5	-	-	T08
1616H11	16	16	100	20	TCM.16T3..	SSV M3,5X14	BAX- TC 16	SBV-M5.05 A-3,5X11	T15
1616 H16	16	16	100	20					
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



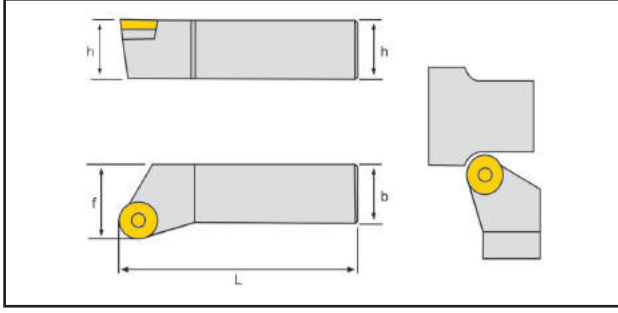
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STFCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
0808 E09	08	08	70	10	TCM.0902..	SSV M2,2 X6	-	-	T07
1010 E09	10	10	70	12					
1212F11	12	12	80	16		SSV M2,5X7	-	-	T08
1616H11	16	16	100	20	TCM.16T3..				
1616 H16	16	16	100	20					
2020 K16	20	20	125	25		SSV M3,5X14	BAX- TC16	SBV-M5.05 A-3,5	T15
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

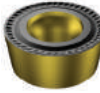


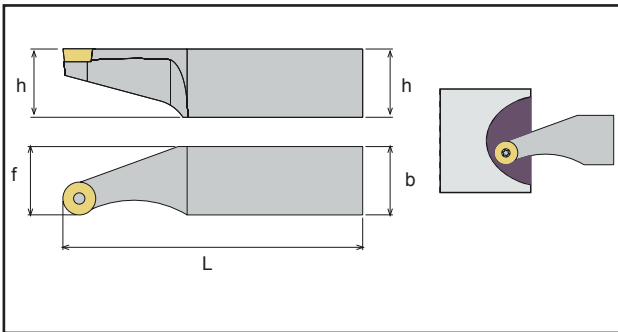
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SRDCN	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
1616 H06	16	16	100	8	RC.T 0602..	SSV M2,5X6	-	-	T08
2020 K06	20	20	125	10					
2525 M06	25	25	150	12,5					
1616 H08	16	16	100	08	RC.T 0803..	SSV M3X8	-	-	T08
2020 K08	20	20	125	10					
2525 M08	25	25	150	12,5					
1616 H10	16	16	100	08	RC.T 1003..	SSV M3,5X9	-	-	T15
2020 K10	20	20	125	10					
2525 M10	25	25	150	12,5					
3232 P10	32	32	170	16					
2020 K12	20	20	125	10	RC.T 1204..	SSV M3,5X11	-	-	T15
2525 M12	25	25	150	12,5					
3232 P12	32	32	170	16					
2525 M16	25	25	150	12,5	RC.T 1605..	SSV M5X12			
3232 P16	32	32	170	16					
2525 M20	25	25	150	12,5					
3232 P20	32	32	170	16	RC.T 2006..	SSV M6X16	-	-	T20
4040 S20	40	40	250	20					

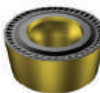
S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders



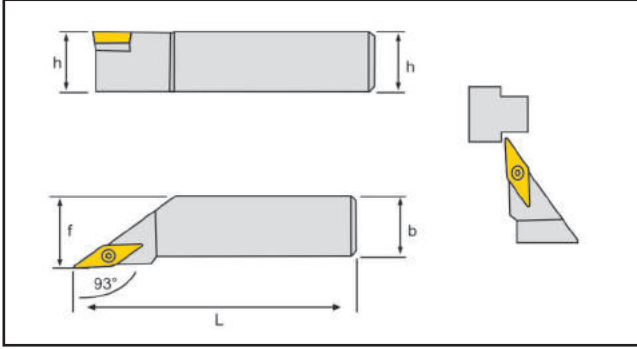
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
SRGCR/L									
1616 H06	16	16	100	8	RC.T 0602..	SSV M2,5X6	-	-	T08
2020 K06	20	20	125	10					
2525 M06	25	25	150	12,5					
1616 H08	16	16	100	20	RC.T 0803..	SSV M3X8	-	-	T08
2020 K08	20	20	125	25					
2525 M08	25	25	150	32					
1616 H10	16	16	100	20	RC.T 1003..	SSV M3,5X9	-	-	T15
2020 K10	20	20	125	25					
2525 M10	25	25	150	32					
3232 P10	32	32	170	40	RC.T 1204..	SSV M3,5X11	-	-	T15
2020 K12	20	20	125	25					
2525 M12	25	25	150	32					
3232 P12	32	32	170	40	RC.T 1605..	SSV M5X12	-	-	T20
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					
2525 M20	25	25	150	12,5	RC.T 2006..	SSV M6X16	-	-	T20
3232 P20	32	32	170	16					



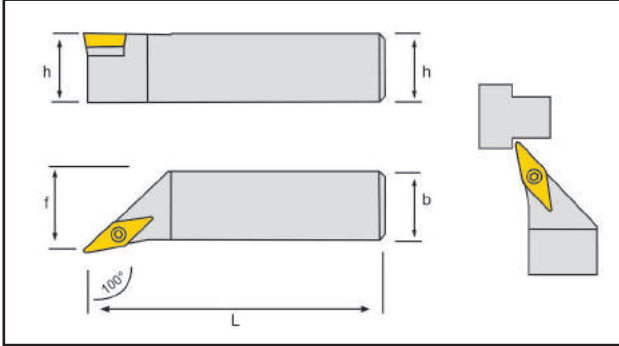
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
SRHCR/L									
2020 K10	20	20	120	20	RC.10T3..	SSV M3,5X9	-	-	T15
2525 M10	25	25	125	25					
2020 K12	20	20	120	20	RC.1204..	SSV M3,5x14	-	-	T15
2525 M12	25	25	125	25					
2020 K16	20	20	120	20	RC.1606..	SSV M5X12	-	-	T20
2525 M16	25	25	125	25					

S SİSTEM DIŞ TORNA KATERLERİ

S System External Lathe Tool Holders



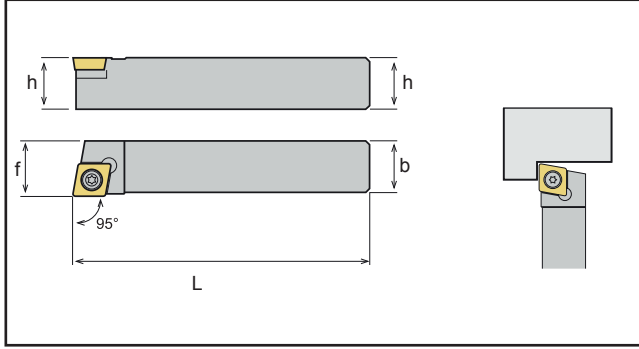
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVJCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
									
1616 H11	16	16	100	20	VC.T 1103..	SSV M2,5X7	-	-	T08
2020 K11	20	20	125	25					
2020 K16	20	20	125	25	VC.T 1604..	SSV M3,5X14	BAX VC16	SBV-M5.05 A-3,5X11	T15
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					



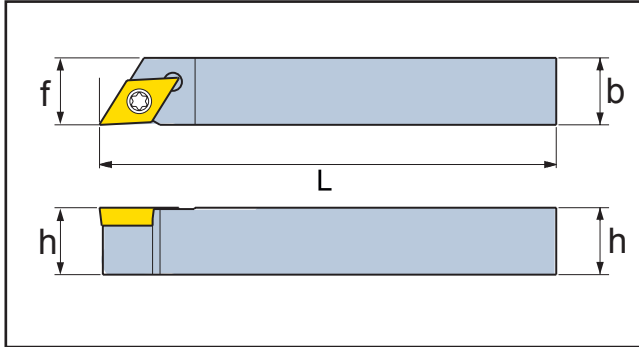
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SVHCR/L	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
									
1616 H11	16	16	100	20	VC.T 1103..	SSV M2,5X7	-	-	T08
2020 K11	20	20	125	25					
2020 K16	20	20	125	25	VC.T 1604..	SSV M3,5X14	BAX VC16	SBV-M5.05 A-3,5X11	T15
2525 M16	25	25	150	32					
3232 P16	32	32	170	40					

S SİSTEM KAYAR OTOMAT TAKIMLARI

S System Swiss Type Tool Holders



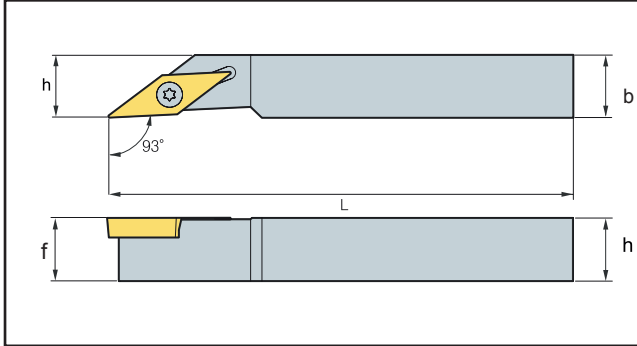
KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCLCR/L-K.O	h	b	L	f		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
							-	-	
1010 K06	10	10	125	10	CCM.0602..	SSV M2,5X6	-	-	T08
1212 G06	12	12	90	12					
1212 K06	16	16	125	16					
1616 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	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 M2,5X6	-	-	T08
1212 G07	12	12	90	12					
1212 K07	16	16	125	16					
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 Swiss Type Tool Holders



KOD CODE	ÖLÇÜLER DIMENSION (mm)				KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVJBR/L-K.O	h	b	L	f		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık 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	16	16	125	16					
1616 F11	16	16	75	16					
1616 K11	16	16	125	16					
2020 K11	20	20	125	20					

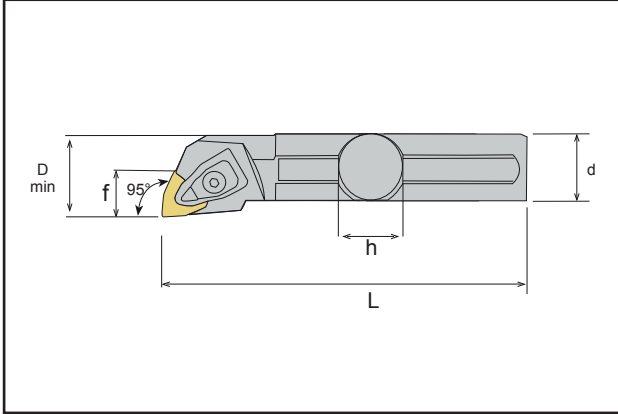
I T SİSTEM DELİK TORNA KATERLERİ

I T System Boring Bars

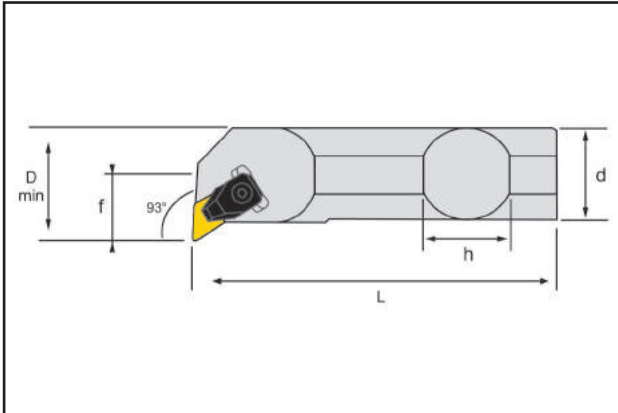


T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars



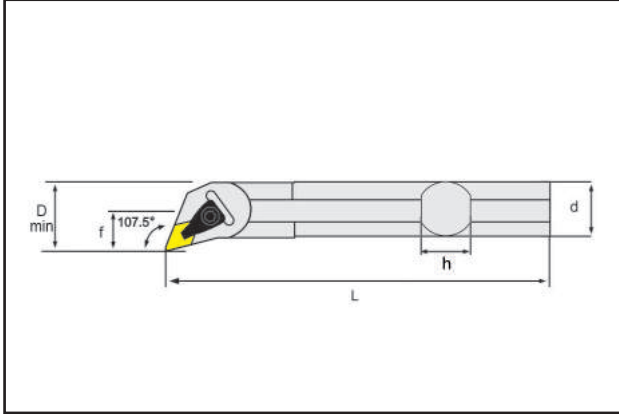
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TWLNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TWLNR/L-06	25	23	250	17	≥32	WNM.0604..	TSK2	TSBV M5x23,5	-	-	TSP 6,5X12	AA3
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	TSP 6,5X12	AA3
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							



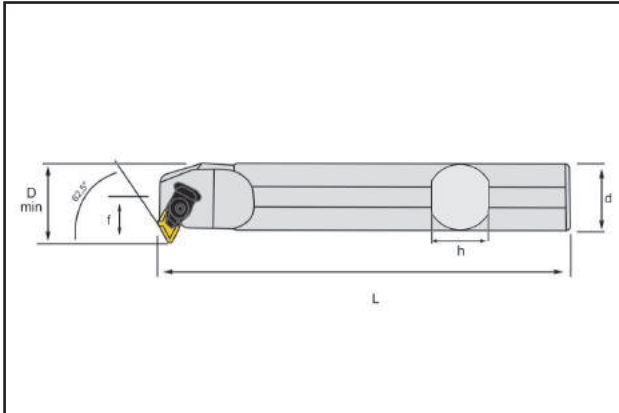
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TDUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TDUNR/L-11	25	23	250	17	≥32	DNM.1104..	TSK2	TSBV M5x23,5	BAX DN11	TSAV M4X10	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	TSAV M4X10	TSP 6,5X12	AA3
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							

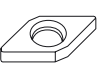
T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars



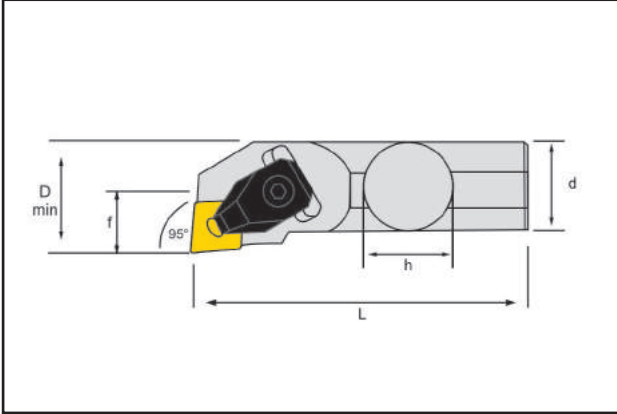
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TDQNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TDQNR/L-11	25	23	250	17	≥32	DNM.1104..	TSK2	TSBV M5x23,5	BAX- DN11	TSAV M4X10	TSP 6,5X12	AA3
S32T TDQNR/L-11	32	30	300	22	≥40							
S25S TDQNR/L-15	25	23	150	17	≥32	DNM.1506..	TSK1	TSBV M6x30	BAX- DN15	TSAV M4X10	TSP 6,5X12	AA3
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							



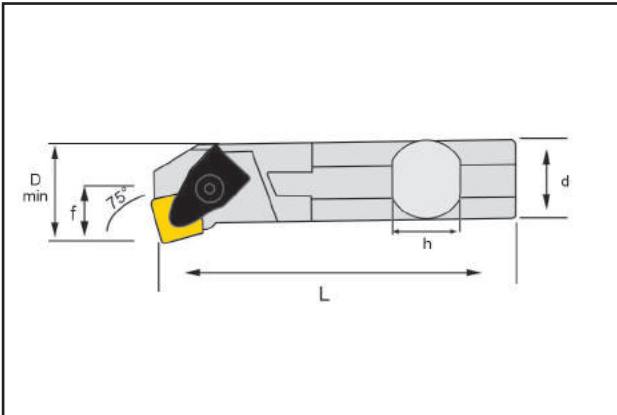
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TD-NR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TD-NR/L-11	25	23	250	17	≥32	DNM.1104..	TSK2	TSBV M5x23,5	BAX DN11	TSAV M4X10	TSP 6,5X12	AA3
S32T TD-NR/L-15	32	30	300	26	≥44	DNM.1506..	TSK1	TSBV M6x30	BAX- DN15	TSAV M4X10	TSP 6,5X12	AA3
S40U TD-NR/L-15	40	37	350	29	≥52							
S50V TD-NR/L-15	50	47	400	35	≥67							

T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars



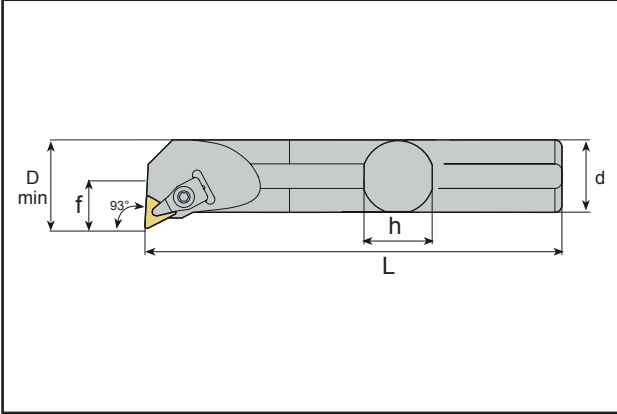
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TCLNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TCLNR/L-12	25	23	250	17	≥32	CNM.1204..	TSK1	TSBV M6x30	BAX- CN12	TSAV M4X10	TSP 6,5X12	AA3
S32T TCLNR/L-12	32	30	300	22	≥40							
S40U TCLNR/L-12	40	37	350	27	≥50							
S50V TCLNR/L-12	50	47	400	35	≥63							
S32T TCLNR/L-16	32	30	300	22	≥40	CNM.1606..	TSK3	TSBV M6X30X7	BAX- CN16	TSAV M6X12	-	AA3
S40U TCLNR/L-16	40	37	350	27	≥50							
S50V TCLNR/L-16	50	47	400	35	≥63							



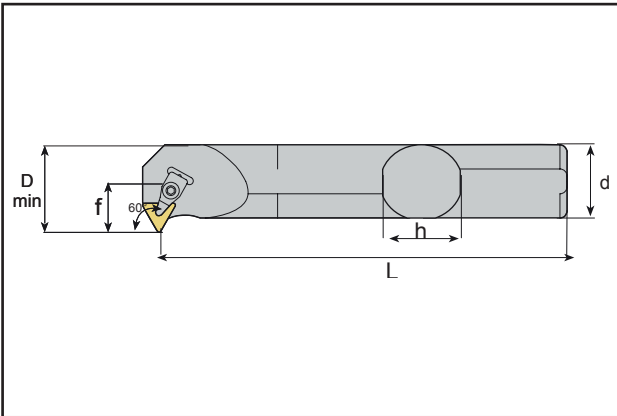
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
TSKNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key
												
S25S TSKNR/L-12	25	23	250	17	≥32	SNM.1204..	TSK1	TSBV M6x30	BAX- SN12	TSAV M4X10	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							

T SİSTEM DELİK TORNA KATERLERİ

T System Boring Bars



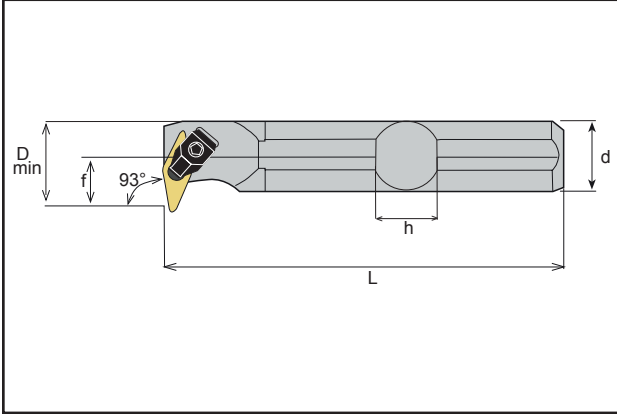
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TTUNR/L	d	h	L	f	D min							
S25S TTUNR/L-16	25	23	250	17	≥32	TNM.1604..	TSK2	TSBV M5x23,5	BAX- TN16	TSAV M4X10	TSP 6,5X12	AA3
S32T TTUNR/L-16	32	30	300	22	≥40							
S32T TTUNR/L-22	32	30	300	22	≥40	TNM.2204..	TSK1	TSBV M6x30	BAX- TN22	TSAV M4X10	TSP 6,5X12	AA3
S40U TTUNR/L-22	40	37	350	27	≥50							
S50V TTUNR/L-22	50	47	400	35	≥63							

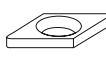


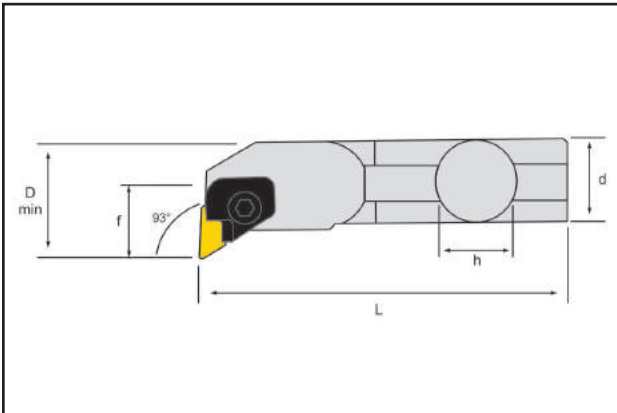
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS						
TT-NR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Altık Vidası Shim Screw	Pul Stamp	Anahtar Allen Key	
													
S25S TT-NR/L-16	25	23	250	17	≥32	TNM.1604..	TSK2	TSBV M5x23,5	BAX- TN16	TSAV 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	TSP 6,5X12	AA3
	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	Altık Shim	Altık Vidası Shim Screw	Anahtar Allen Key
S25S CKUNR/L-16	25	23	250	19	≥34	KNUX 1604..					
S28S CKUNR/L-16	28	26	290	19	≥38		CSK1/R CSK1/L	CSBV M6x30	BAX- KN-R/L-16	CSAV M3x10	AA5
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						

I P SİSTEM DELİK TORNA KATERLERİ

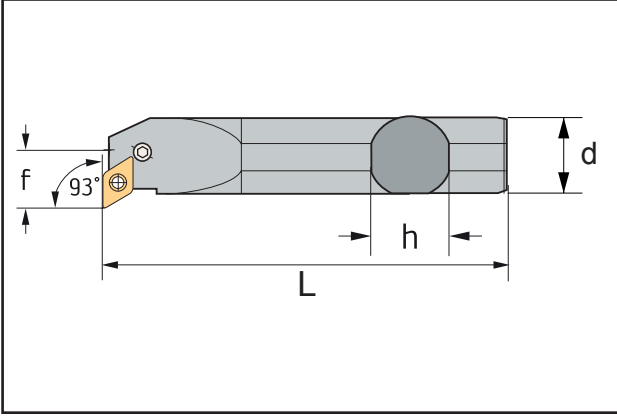
I P System Boring Bars



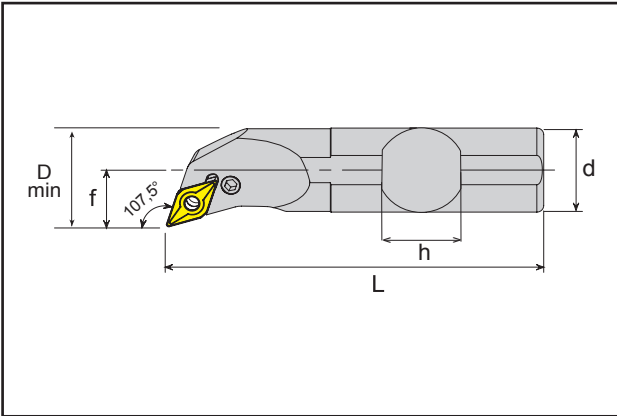
SMOXH
CUTTING TOOLS S25S PW
www.smoxxh.com.tr

P SİSTEM DELİK TORNA KATERLERİ

P System Boring Bars

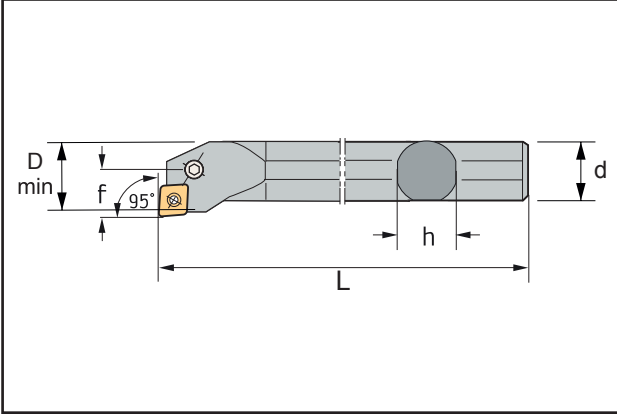


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PDUNR/L	d	h	L	f	D min		Levyé Lever	Levyé Vidası Lever Screw	Altlık Shim	Altlık Yay Shim Spring	Anahtar Allen Key
S32T PDUNR/L-15	32	30	300	22	≥40	DNM.1506..					
S40U PDUNR/L-15	40	37.5	350	27	≥50						

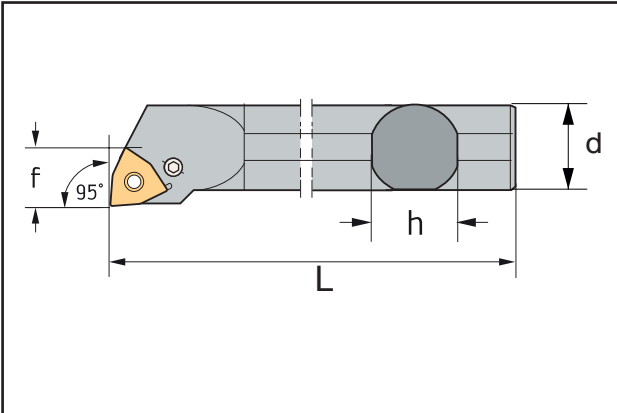


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PDQNR/L	d	h	L	f	D min		Levyé Lever	Levyé Vidası Lever Screw	Altlık Shim	Altlık Yay Shim Spring	Anahtar Allen Key
S32T PDQNR/L-15	32	30	300	22	≥40	DNM.1506..					
S40U PDQNR/L-15	40	37.5	350	27	≥50						

P SİSTEM DELİK TORNA KATERLERİ P System Boring Bars

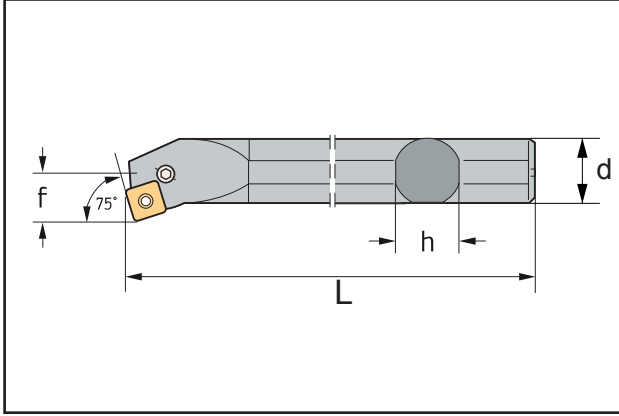


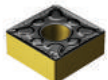
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS				
PCLNR/L	d	h	L	f	D min		Levyeler Lever	Levyeler Vidası Lever Screw	Aitlik Shim	Aitlik Yay Shim Spring	Anahtar Allen Key
S25S PCLNR/L-12	25	23	250	17	≥32	CNM.1204..					
S32T PCLNR/L-12	32	30	300	22	≥40						
S40U PCLNR/L-12	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						



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	Aitlik Shim	Aitlik Yay 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						
S40U PWLNR/L-08	40	37.5	350	27	≥50						

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 Yay 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

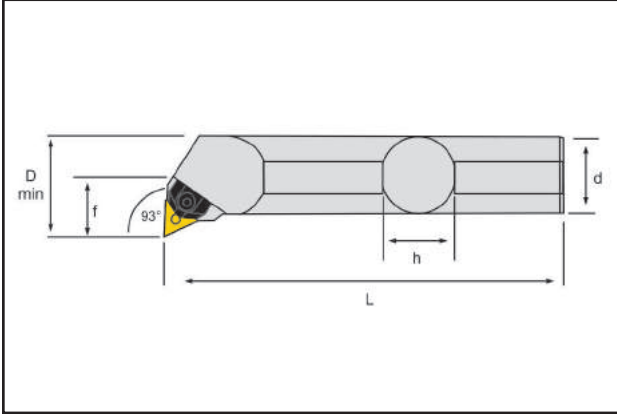
I M SİSTEM DELİK TORNA KATERLERİ

I M System Boring Bars

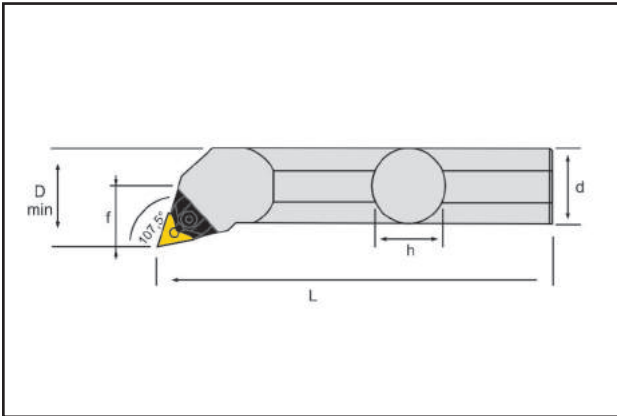


M SİSTEM DELİK TORNA KATERLERİ

M System Boring Bars



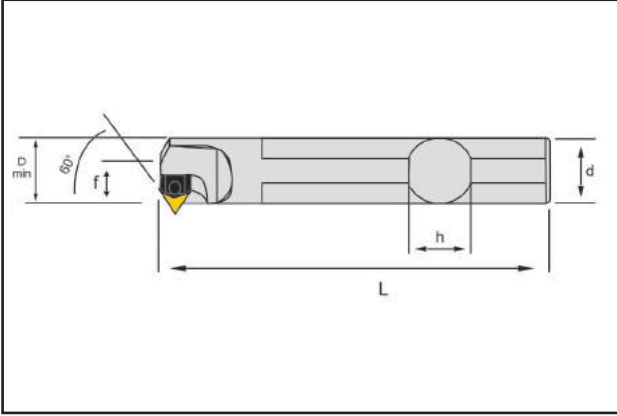
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MTUNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
S20R MTUNR/L-16	20	18	200	13	≥25	TNM.1604..	MSK-2	MSBV M5X23,5	-	BPM1 3,70x5	-	AA3
S25S MTUNR/L-16	25	23	250	17	≥32	TNM.1604..	MSK-1	MSBV M6x30	BAX- TN16	BPM1 3,70x5	TSP 6,5X12	AA3
S32T MTUNR/L-16	32	30	300	22	≥40							
S40U MTUNR/L-16	40	37	350	27	≥50	TNM.2204..	MSK-1	MSBV M6x30	BAX- TN22	BPM2 5x6	TSP 6,5X12	AA3
S32T MTUNR/L-22	32	30	300	22	≥40							
S40U MTUNR/L-22	40	37	350	27	≥50							
S50V MTUNR/L-22	50	47	400	35	≥63							



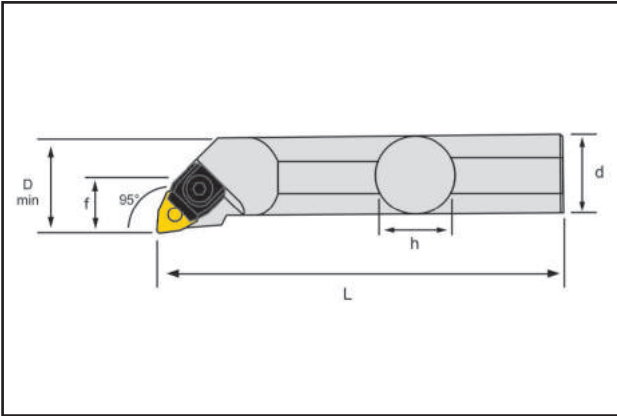
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MTQNR/L	d	h	L	f	D min		Baskı Parçası Clamp	Baskı Vidası Screw	Altık Shim	Pim Pin	Pul Stamp	Anahtar Allen Key
S20R MTQNR/L-16	20	18	200	13	≥25	TNM.1604..	MSK-2	MSBV M5X23,5	-	BPM1 3,70x5	-	AA3
S25S MTQNR/L-16	25	23	250	17	≥32	TNM.1604..	MSK-1	MSBV M6x30	BAX- TN16	BPM1 3,70x5	TSP 6,5X12	AA3
S32T MTQNR/L-16	32	30	300	22	≥40							
S40U MTQNR/L-16	40	37	350	27	≥50	TNM.2204..	MSK-1	MSBV M6x30	BAX- TN22	BPM2 5x6	TSP 6,5X12	AA3
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 	Altılık 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							
S32T MT-NR-22	32	30	300	22	≥40							
S40U MT-NR-22	40	37	350	27	≥50	TNM.2204..	MSK-1	MSBV M6x30	BAX- TN22	BPM2 5X6	TSP 6,5X12	AA3
S50V MT-NR-22	50	47	400	35	≥63							



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS					
MWLN-R/L	d	h	L	f	D _{min}		Baskı Parçası Clamp 	Baskı Vidası Screw 	Altılık Shim 	Pim Pin 	Pul Stamp 	Anahtar Allen Key 
S16P MWLN-R/L-06	16	15	170	11	≥21	WNM.0604..	MSK-4	MSBV M5x23,5	-	BPM1 3,70x5	-	AA3
S20R MWLN-R/L-06	20	18	200	13	≥25							
S25S MWLN-R/L-06	25	23	250	17	≥32							
S25S MWLN-R/L-08	25	23	250	17	≥32							
S32T MWLN-R/L-08	32	30	300	22	≥40	WNM.0804..	MSK-3	MSBV M6x30	BAX- WN08	BPM3 5x6	TSP 6,5X12	AA3
S40U MWLN-R/L-08	40	37	350	27	≥50							
S50V MWLN-R/L-08	50	47	400	35	≥63							

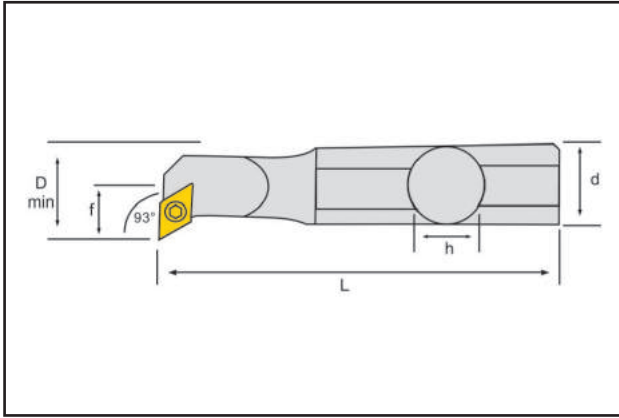
I S SİSTEM DELİK TORNA KATERLERİ

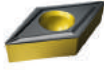
I S System Boring Bars

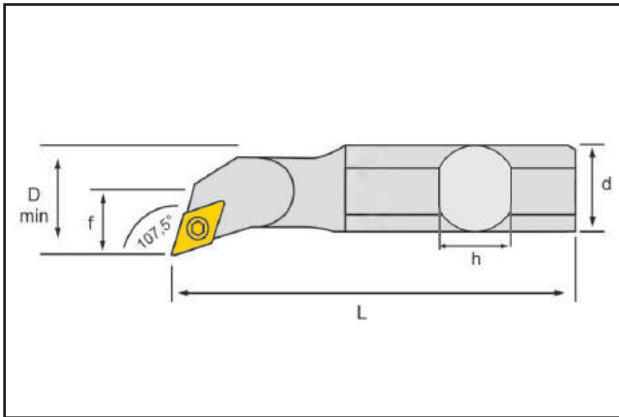


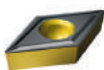
S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



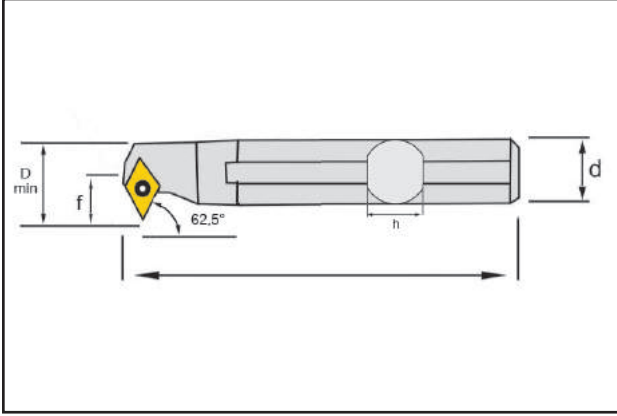
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KEŞİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDUCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S10K SDUCR/L-07	10	09	125	07	≥13	DCM.0702..				
S12K SDUCR/L-07	12	11	125	09	≥16		SSV M2,5X7	-	-	T08
S16P SDUCR/L-07	16	15	170	11	≥21		SSV M2,5X7	-	-	T08
S16P SDUCR/L-11	16	15	170	11	≥21	DCM.11T3..	SSV M3,5X11	-	-	T15
S20R SDUCR/L-11	20	18	200	13	≥25		SSV M3,5X11	-	-	
S25S SDUCR/L-11	25	23	250	17	≥32		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
S32T SDUCR/L-11	32	30	300	22	≥40	DCM.0702..	SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	T15
S40U SDUCR/L-11	40	37	350	27	≥50		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
S10K 16X10 SDUCR/L-07	16	15	150	07	≥13		SSV M2,5X7	-	-	T08
S12K 16X12 SDUCR/L-07	16	15	150	09	≥16					



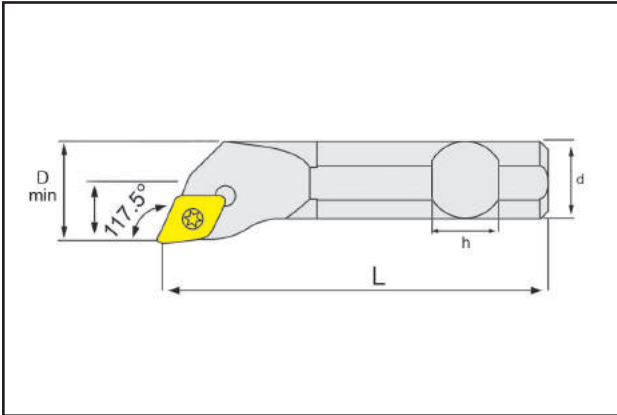
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KEŞİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDQCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S10K SDQCR/L-07	10	09	125	07	≥13	DCM.0702..				
S12K SDQCR/L-07	12	11	125	09	≥16		SSV M2,5X7	-	-	T08
S16P SDQCR/L-07	16	15	170	11	≥21		SSV M2,5X7	-	-	T08
S16P SDQCR/L-11	16	15	170	11	≥21	DCM.11T3..	SSV M3,5X11	-	-	T15
S20R SDQCR/L-11	20	18	200	13	≥25		SSV M3,5X11	-	-	
S25S SDQCR/L-11	25	23	250	17	≥32		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
S32T SDQCR/L-11	32	30	300	22	≥40	DCM.0702..	SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	T15
S40U SDQCR/L-11	40	37	350	27	≥50		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
S10K 16X10 SDQCR/L-07	16	15	150	07	≥13		SSV M2,5X7	-	-	T08
S12K 16X12 SDQCR/L-07	16	15	150	09	≥16					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



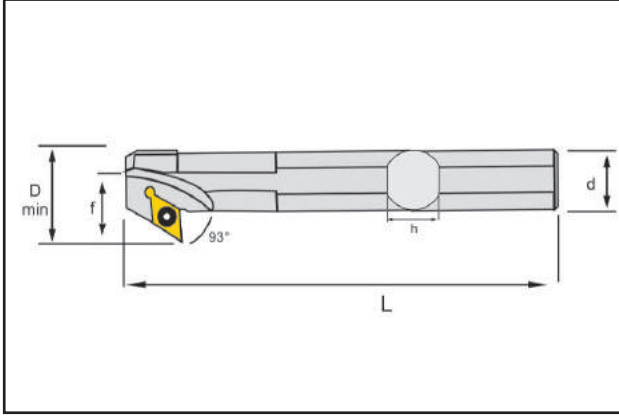
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SD-CR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
S12K SD-CR/L-07	12	11	125	09	≥17	DCM. 0702..	SSV M2,5X7	-	-	T08
S16P SD-CR/L-11	16	15	170	11	≥21	DCM.11T3..	SSV M3,5X11	-	-	T15
S20R SD-CR/L-11	20	18	200	13	≥25		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
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					
S12K 16X12 SD-CR/L-07	16	15	150	09	≥17	DCM.0702..	SSV M2,5X7	-	-	T08

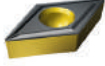


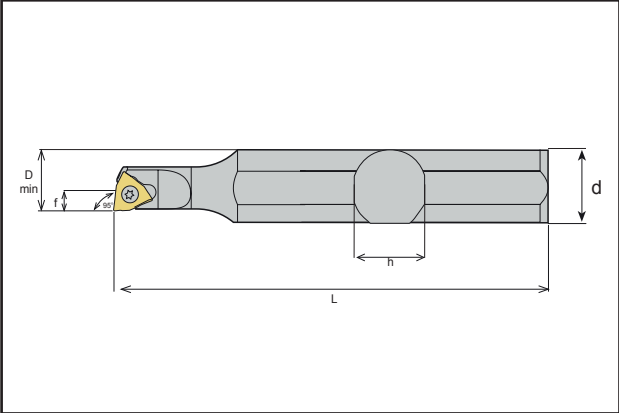
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SDPCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
S10K SDPCR/L-07	10	09	125	07	≥23	DCM.0702..	SSV M2,5X7	-	-	T08
S12K SDPCR/L-07	12	11	125	09	≥16	DCM.11T3..	SSV M3,5X11	-	-	T15
S16P SDPCR/L-11	16	15	170	11	≥21		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
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



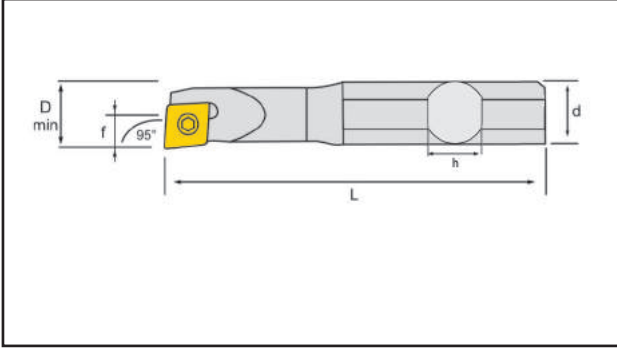
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SDXCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
S12K SDXCR/L-07	12	11	125	09	≥17	DCM.0702..		-	-	T08
S16P SDXCR/L-11	16	15	170	11	≥21	DCM.11T3..	SSV M2,5X7	-	-	T15
S20R SDXCR/L-11	20	18	200	13	≥25		SSV M3,5X11	-	-	
S25S SDXCR/L-11	25	23	250	17	≥32		SSV M3,5X14	BAX-DC11	SBV-M5.05 A3,5x11	
S32T SDXCR/L-11	32	30	300	22	≥40					
S40U SDXCR/L-11	40	37	350	27	≥50					



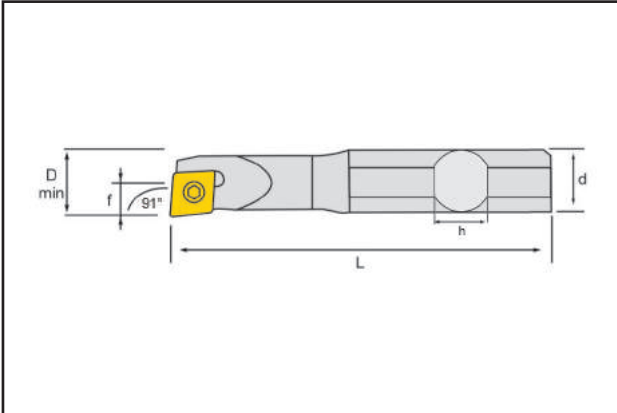
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SWLCR	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altlık Shim	Altlık Vidası Shim Screw	Anahtar Torx Key
S0608H SWLCR-03	08	05	100	04	≥08	WCM.0302..		-	-	T08
S0810K SWLCR-03	10	07	125	07	≥10					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



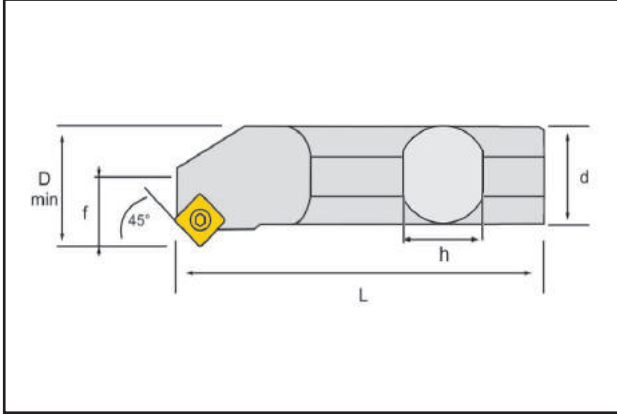
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCLCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S0608H SCLCR/L-06	06	7	100	4,5	≥8	CCM.0602..				
S08H SCLCR/L-06	08	7	100	06	≥11					
S10K SCLCR/L-06	10	9	125	07	≥13					
S12K SCLCR/L-06	12	11	125	09	≥16					
S10X16P SCLCR/L-06	16	15	150	07	≥13					
S12X16P SCLCR/L-06	16	15	150	09	≥13	CCM.09T3..	SSV M3,5X7			T15
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					
S32T SCLCR/L-12	32	30	300	22	≥40	CCM.1204..	SSV M4X16	BAX-CC12	SBV-M6,075 A4x11	T15
S40U SCLCR/L-12	40	37	350	27	≥50					



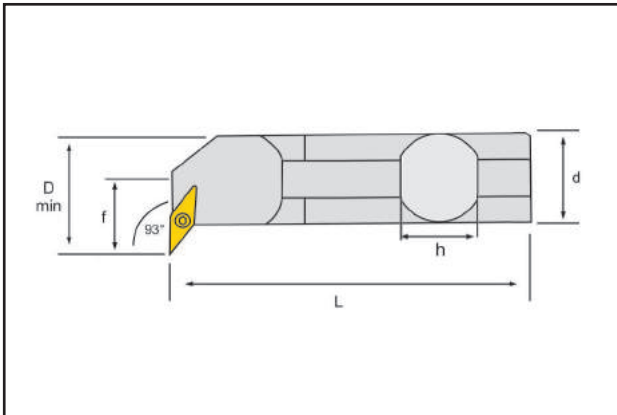
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SCFCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S08H SCFCR/L-06	08	7	100	06	≥11	CCM.0602..				T08
S10K SCFCR/L-06	10	9	125	07	≥13					
S12K SCFCR/L-06	12	11	125	09	≥16					
S16P SCFCR/L-09	16	15	170	11	≥21	CCM.09T3..	SSV M3,5X7			T15
S20R SCFCR/L-09	20	19	200	13	≥25					
S25S SCFCR/L-09	25	23	250	17	≥32					
S25S SCFCR/L-12	25	23	250	17	≥32	CCM.1204..	SSV M4X15	BAX-CC12	SBV-M6,075 A4x11	T15
S32T SCFCR/L-12	32	30	300	22	≥40					
S40U SCFCR/L-12	40	37	350	27	≥50					

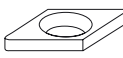
S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



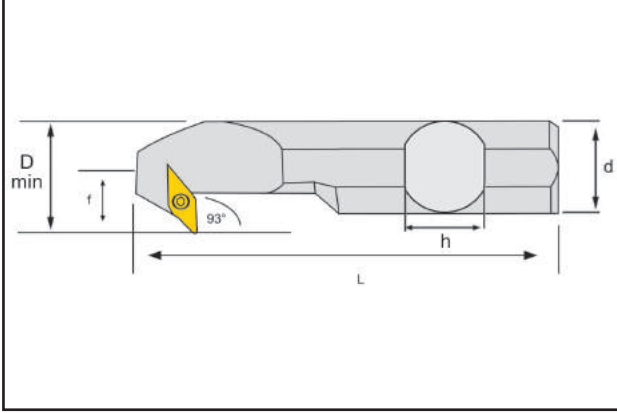
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SSSCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SSSCR/L-09	16	15	170	11	≥21	SCM.09T3..				T15
S20R SSSCR/L-09	20	18	200	13	≥25		SSV M3,5X11	-	-	
S25S SSSCR/L-09	25	23	250	17	≥32	SCM.1204..	SSV M3,5X14	BAX-SC09	SBV-M5.05 A3,5x11	T15
S32T SSSCR/L-12	32	30	300	22	≥40		SSV M4X16	BAX-SC12	SBV-M6.075 A4x11	
S40U SSSCR/L-12	40	37	350	27	≥50					T20



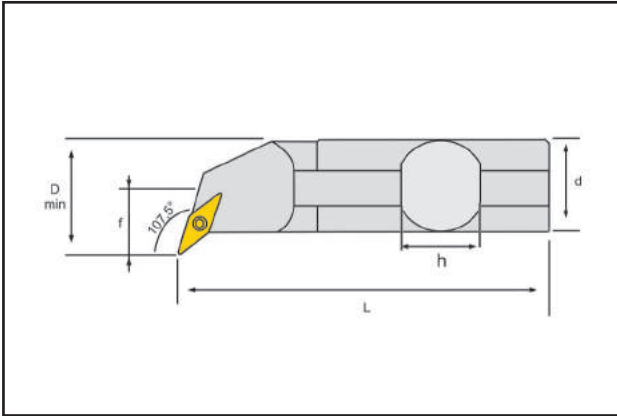
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVUBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVUBR/L-11	16	15	170	11	≥21	VBM.1103..				T08
S20R SVUBR/L-11	20	18	200	13	≥25		SSV M2,5X7	-	-	
S25S SVUBR/L-16	25	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					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



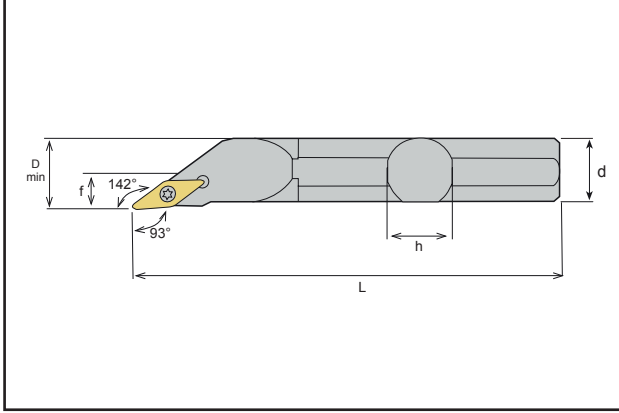
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVXBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVXBR/L-11	16	15	170	11	≥21	VBM.1103..		-	-	T08
S20R SVXBR/L-11	20	18	200	13	≥25					
S25S SVXBR/L-16	25	23	250	17	≥32	VBM.1604..		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					

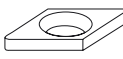


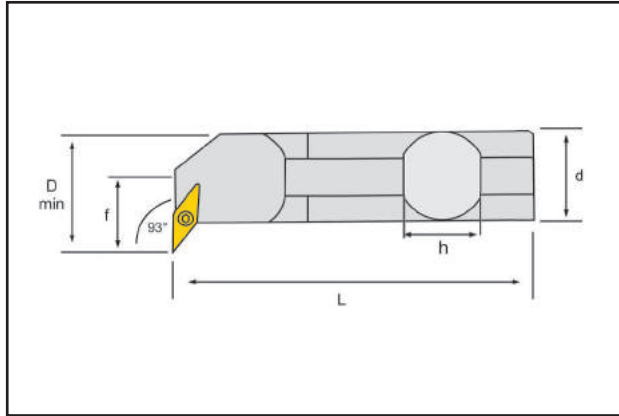
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVQBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVQBR/L-11	16	15	170	11	≥21	VBM.1103..		-	-	T08
S20R SVQBR/L-11	20	18	200	13	≥25					
S25S SVQBR/L-16	25	23	250	17	≥32	VBM.1604..		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					

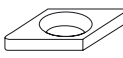
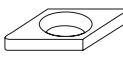
S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



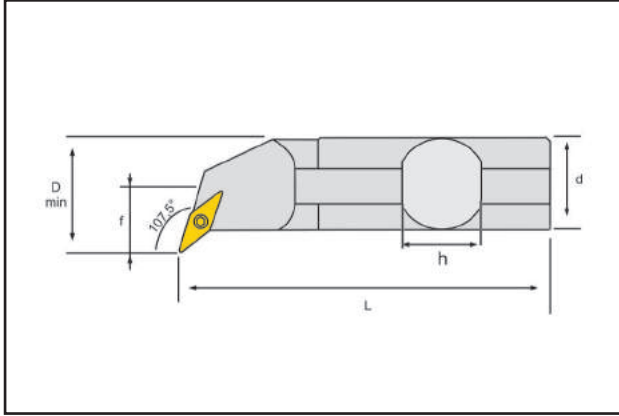
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SVJBR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S25S SVJBR/L-16	25	23	250	17	≥32	VBM.1604..				
S32T SVJBR/L-16	32	30	300	22	≥40		SSV M3,5X14	BAX- VB16	SBV-M5.05 A3,5x11	T15
S40U SVJBR/L-16	40	37	350	27	≥50					



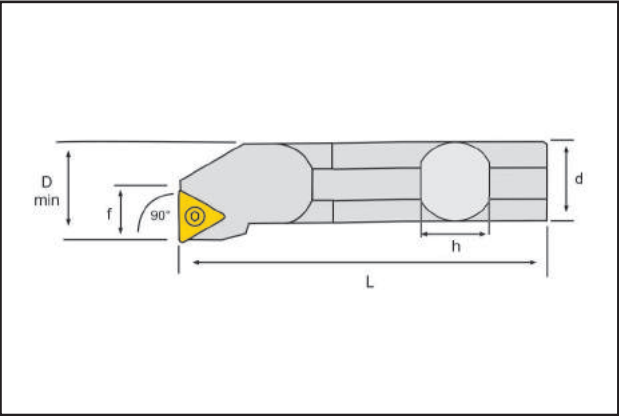
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
SVUCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVUCR/L-11	16	15	170	11	≥21	VCM.1103..				
S20R SVUCR/L-11	20	18	200	13	≥25		SSV M2,5X7	-	-	T08
S25S SVUCR/L-16	25	23	250	17	≥32	VCM.1604..				
S32T SVUCR/L-16	32	30	300	22	≥40		SSV M3,5X14	BAX- VC16	SBV-M5.05 A3,5x11	T15
S40U SVUCR/L-16	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



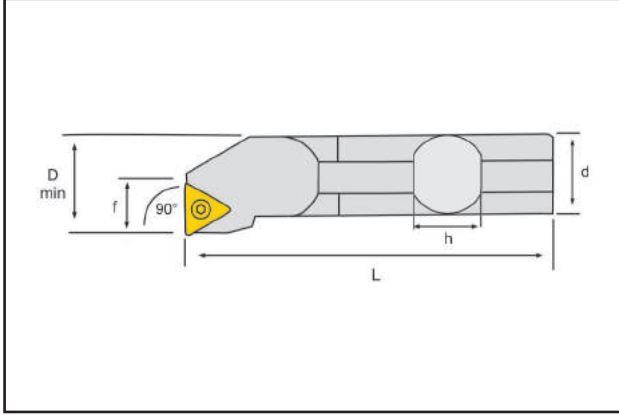
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SVQCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S16P SVQCR/L-11	16	15	170	11	≥21	VCM.1103..		-	-	T08
S20R SVQCR/L-11	20	18	200	13	≥25		SSV M2,5X7	-	-	T08
S25S SVQCR/L-16	25	23	250	17	≥32	VCM.1604..	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					



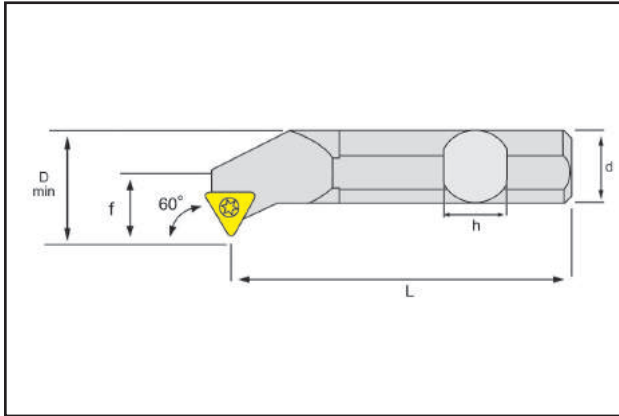
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
STUCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S10K STUCR/L-09	10	09	125	07	≥13	TCM.0902..		-	-	T07
S12K STUCR/L-09	12	11	125	09	≥17					
S10K STUCR/L-11	10	09	125	07	≥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					
S25S STUCR/L-16	25	23	250	17	≥32					
S32T STUCR/L-16	32	30	300	22	≥40		SSV M3,5X14	BAX-TC16	SBV-M5.05 A3,5x11	T15
S40U STUCR/L-16	40	37	350	27	≥50					

S SİSTEM DELİK TORNA KATERLERİ

S System Boring Bars



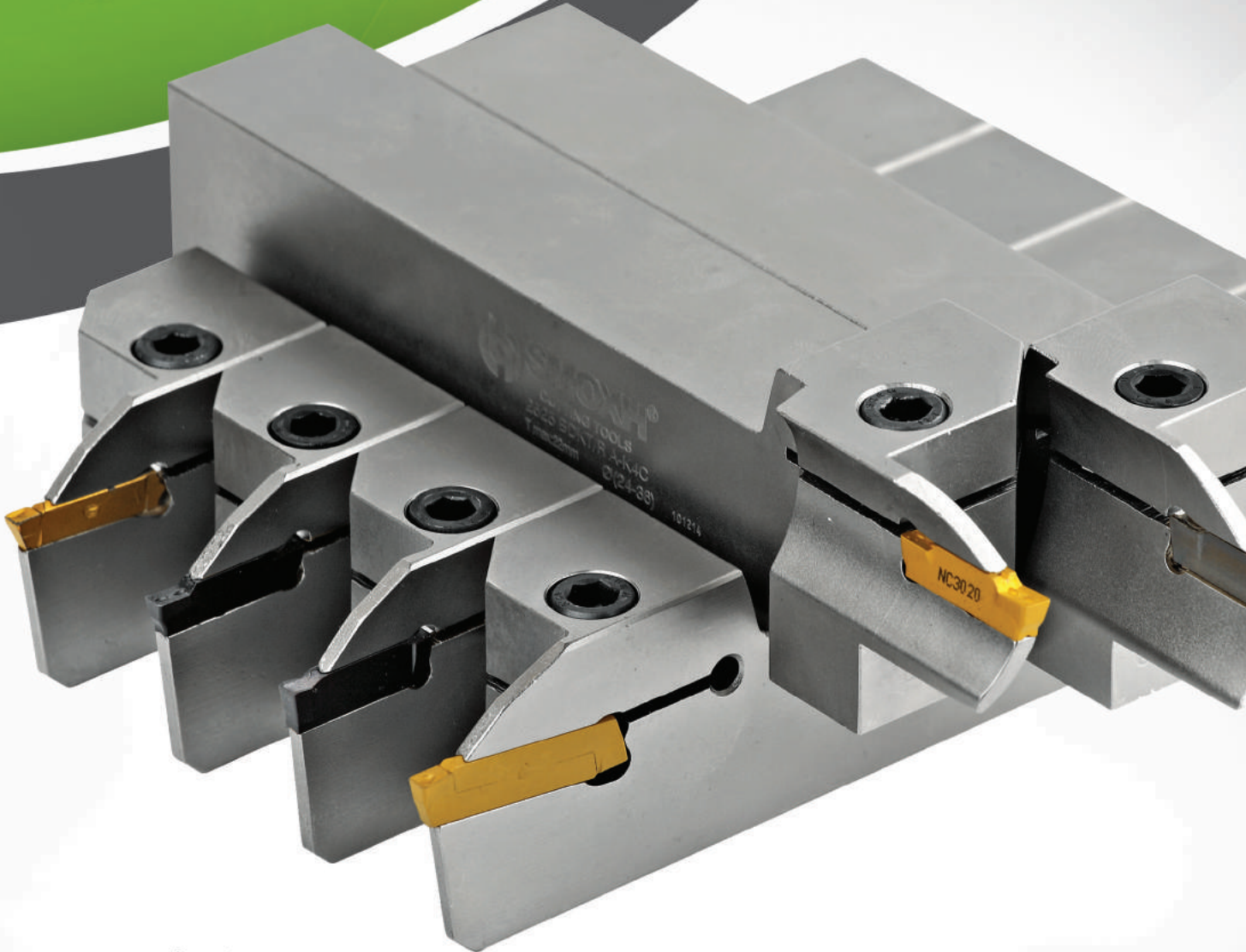
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STFCR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S0610F STFCR/L-06	10	09	125	04	≥08	TCM.06T1		-	-	T06
S10K STFCR/L-09	10	09	125	07	≥13	TCM.0902..		-	-	T07
S12K STFCR/L-09	12	11	125	09	≥17	TCM.1102..		-	-	T08
S10K STFCR/L-11	10	09	125	07	≥13					
S12K STFCR/L-11	12	11	125	09	≥17					
S16P STFCR/L-11	16	15	170	11	≥21	TCM.16T3..		-	-	T15
S20R STFCR/L-11	20	18	200	13	≥25					
S16P STFCR/L-16	16	15	170	11	≥21					
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			BAX-TC16	SBV-M5.05 A3,5x11	
S40U STFCR/L-16	40	37	350	27	≥50					



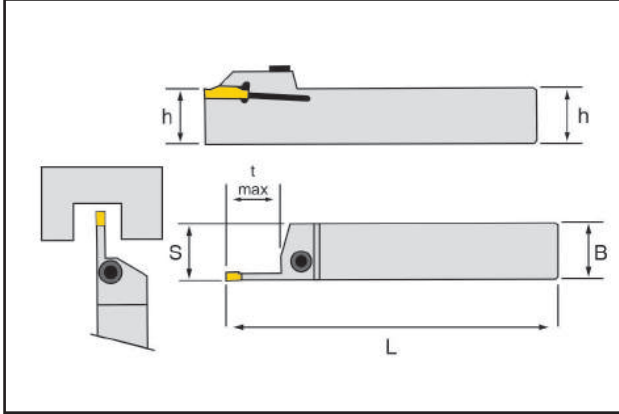
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
ST-CR/L	d	h	L	f	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Torx Key
S12K ST-CR/L-09	12	11	125	09	≥17	TCM.1102..				
S12K ST-CR/L-11	12	11	125	09	≥17					
S16P ST-CR/L-11	16	15	170	11	≥21					
S20R ST-CR/L-11	20	18	200	13	≥25	TCM.16T3..		-	-	T08
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			BAX-TC16	SBV-M5.05 A3,5x11	T15

I DIŞ ÇAP KANAL AÇMA TAKIMLARI

I External Grooving Toolholders



DIŞ ÇAP KANAL AÇMA TAKIMLARI External Grooving Toolholders

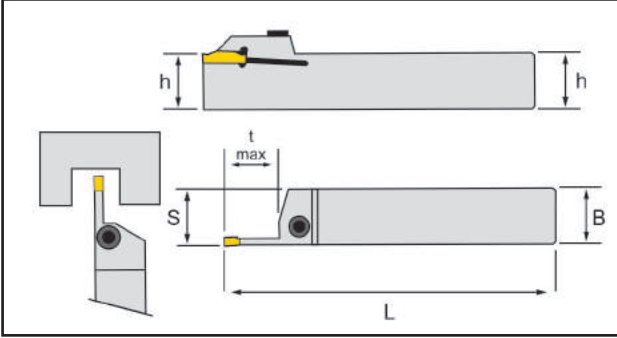


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L KORLOY-MGM	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1212 BDKT R/L -K2C t max:15	12	12	100	12,3	15	KRLY-MGM 2C	BKTV M5X20	-	AA4
1616 BDKT R/L -K2C t max:18	16	16	100	16,3	18		BKTV M6x25	-	AA5
2020 BDKT R/L -K2C t max:18	20	20	125	20,3	18		BKTV M5X20	-	AA4
2525 BDKT R/L -K2C t max:18	25	25	150	25,3	18		BKTV M6x25	-	AA5
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	KRLY-MGM 3C	BKTV M5X20	-	AA4
1616 BDKT R/L -K3C t max:18	16	16	100	16,4	18		BKTV M6x25	-	AA5
2020 BDKT R/L -K3C t max:20	20	20	125	20,4	20		BKTV M6x25	-	AA5
2525 BDKT R/L -K3C t max:22	25	25	150	25,4	22		BKTV M6x25	-	AA5
2525 BDKT R/L -K3C t max:25	25	25	150	25,4	25		BKTV M6x25	-	AA5
2525 BDKT R/L -K3C t max:40	25	25	150	25,4	40	KRLY-MGM 4C	BKTV M6x25	-	AA5
3232 BDKT R/L -K3C t max:22	32	32	170	32,4	22		BKTV M6x25	-	AA5
2020 BDKT R/L -K4C t max:20	20	20	125	20,4	20		BKTV M6x25	-	AA5
2525 BDKT R/L -K4C t max:22	25	25	150	25,4	22		BKTV M6x25	-	AA5
2525 BDKT R/L -K4C t max:25	25	25	150	25,4	25		BKTV M6x25	-	AA5
2525 BDKT R/L -K4C t max:40	25	25	150	25,4	40	KRLY-MGM 5C	BKTV M6x25	-	AA5
3232 BDKT R/L -K4C t max:22	32	32	170	32,4	22		BKTV M6x25	-	AA5
2020 BDKT R/L -K5C t max:20	20	20	125	20,5	20		BKTV M6x25	-	AA5
2525 BDKT R/L -K5C t max:25	25	25	150	25,5	25		BKTV M6x25	-	AA5
3232 BDKT R/L -K5C t max:25	32	32	170	32,5	25		BKTV M6x25	-	AA5
2525 BDKT R/L -K6C t max:25	25	25	150	25,6	25	KRLY-MGM 6C	BKTV M6x25	-	AA5
3232 BDKT R/L -K6C t max:25	32	32	170	32,6	25		BKTV M6x25	-	AA5
2525 BDKT R/L -K8C t max:27	25	25	150	25,6	27		BKTV M6x25	-	AA5
3232 BDKT R/L -K8C t max:27	32	32	170	32,8	27		BKTV M6x25	-	AA5
2525 BDKT R/L -K8C t max:27	25	25	150	25,6	27		BKTV M6x25	-	AA5

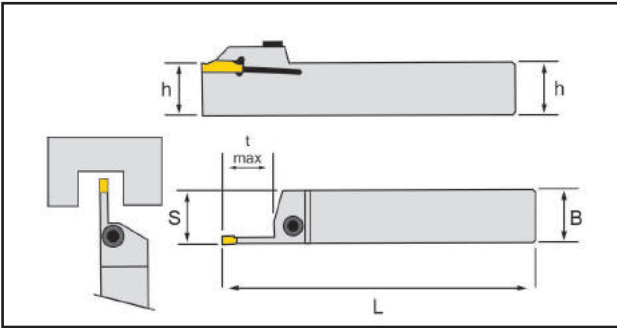


DIŞ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders

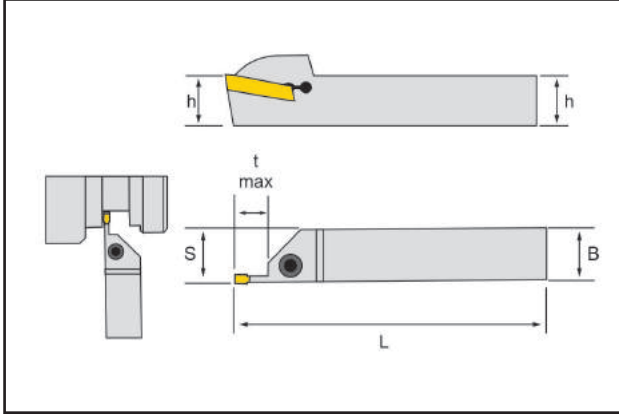


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L KORLOY - KG	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
									
1212 BDKT R/L - KG2C t max:15	12	12	100	12,3	15	KRLY-KG2C	BKTV M5X20	-	AA4
1616 BDKT R/L - KG2C t max:18	16	16	100	16,3	18		BKTV 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	KRLY-KG3C			
2525 BDKT R/L - KG3C t max:22	25	25	150	25.2	22	KRLY-KG4C			
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	KRLY-KG5C			
2525 BDKT R/L - KG6C t max:25	25	25	150	25.2	25	KRLY-KG6C			

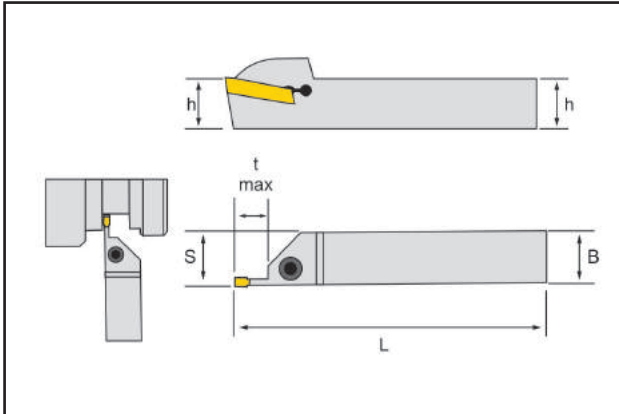


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L ISCAR	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
									
1212 BDKT R/L -I2C t max:15	12	12	100	12,3	15	ISCAR -2C	BKTV M5X20	-	AA4
1616 BDKT R/L -I2C t max:18	16	16	100	16,3	18		BKTV M6x25	-	AA5
2020 BDKT R/L -I2C t max:18	20	20	125	20,3	18				
2525 BDKT R/L -I2C t max:18	25	25	150	25,3	18				
1212 BDKT R/L -I3C t max:15	12	12	100	12,3	15	ISCAR -3C	BKTV M5X20	-	AA4
1616 BDKT R/L -I3C t max:18	16	16	100	16,4	18		BKTV M6x25	-	AA5
2020 BDKT R/L -I3C t max:20	20	20	125	20,4	20				
2525 BDKT R/L -I3C t max:22	25	25	150	25,3	22				
3232 BDKT R/L -I3C t max:22	32	32	170	32,4	22				
2020 BDKT R/L -I4C t max:20	20	20	125	20,3	20	ISCAR-4C			
2525 BDKT R/L -I4C t max:22	25	25	150	25,4	22				
3232 BDKT R/L -I4C t max:22	32	32	170	32,6	22				
3232 BDKT R/L -I5C t max:25	32	32	170	32,8	25				

DIŞ ÇAP KANAL AÇMA TAKIMLARI External Grooving Toolholders



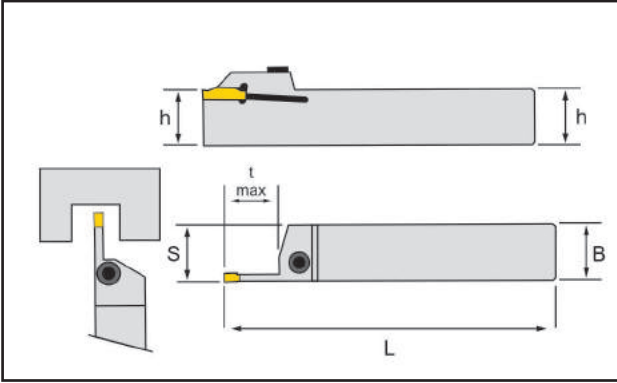
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BDKT R/L HORN S229	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
2020 BDKT R/L -H-S229-2C t max:18	20	20	125	20,5	18	HRN S229-2C	BKT V M6x25		
2525 BDKT R/L -H-S229-2C t max:18	25	25	150	25,5	18	HRN S229-2C			
2020 BDKT R/L -H-S229-3C t max:20	20	20	125	20,5	20	HRN S229-3C			
2525 BDKT R/L -H-S229-3C t max:22	25	25	150	25,5	22	HRN S229-3C			
2020 BDKT R/L -H-S229-4C t max:20	20	20	125	20,5	20	HRN S229-4C			
2525 BDKT R/L -H-S229-4C t max:22	25	25	150	25,5	22	HRN S229-4C			
2020 BDKT R/L -H-S229-5C t max:20	20	20	125	20,5	20	HRN S229-5C			
2525 BDKT R/L -H-S229-5C t max:25	25	25	150	25,5	25	HRN S229-5C			



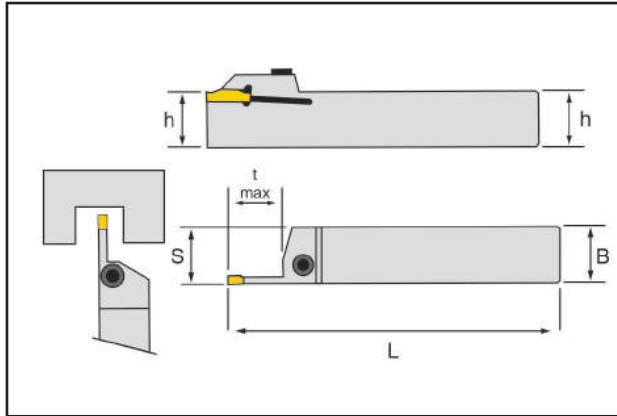
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L-K.HORN S224	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
2020 BDKT R/L -HK-S224-2C t max:18	20	20	125	20,3	18	HRN S224-2C	BKT V M6x25		
2525 BDKT R/L -HK-S224-2C t max:18	25	25	150	25,3	18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

DIŞ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders

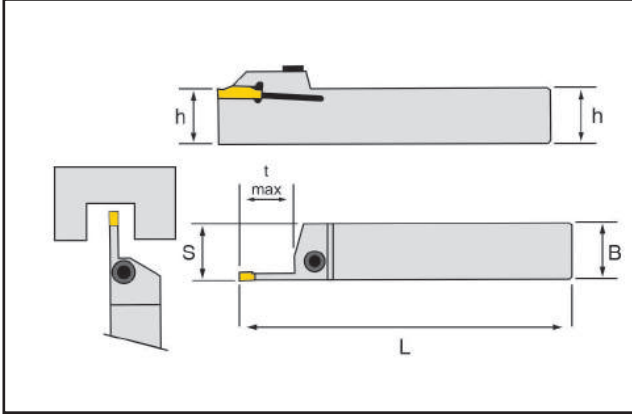


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L SANDVIK123	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
									
1616 BDKT R/L -SDV123-2C t max:18	16	16	100	16,3	18	SDV123-2C	BKT V M6x25	-	AA5
2020 BDKT R/L -SDV123-2C t max:18	20	20	125	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	SDV123-3C			
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	SDV123-4C			
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	SDV123-5C			
2525 BDKT R/L -SDV123-5C t max:25	25	25	150	25,5	25				

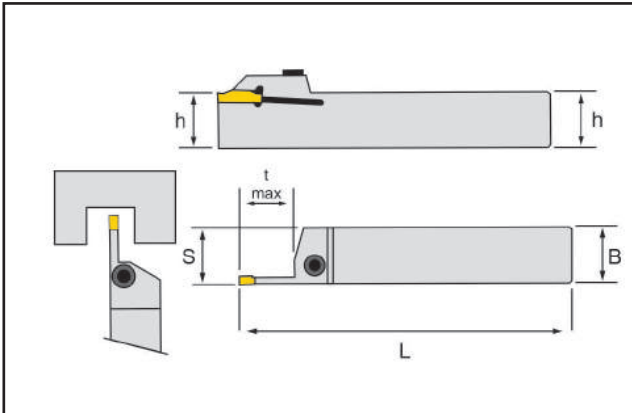


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L TGT	h	B	L	S	t max	TF425	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1212 BDKT R/L -T-2C t max:15	12	12	100	12,3	15	TGTC-2C	BDKT M5x12	-	AA4
1616 BDKT R/L -T-2C t max:18	16	16	100	16,3	18		BDKT M6x25	-	AA5
2020 BDKT R/L -T-2C t max:18	20	20	125	20,3	18				
2525 BDKT R/L -T-2C t max:18	25	25	150	25,3	18				
1212 BDKT R/L -T-3C t max:15	12	12	100	12,3	15	TGTC-3C	BDKT M5x12	-	AA4
1616 BDKT R/L -T-3C t max:18	16	16	100	16,4	18		BDKT M6x25	-	AA5
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	TGTC-4C	BDKT M6x25	-	AA5
2525 BDKT R/L -T-4C t max:22	25	25	150	25,4	22				

DIŞ ÇAP KANAL AÇMA TAKIMLARI External Grooving Toolholders



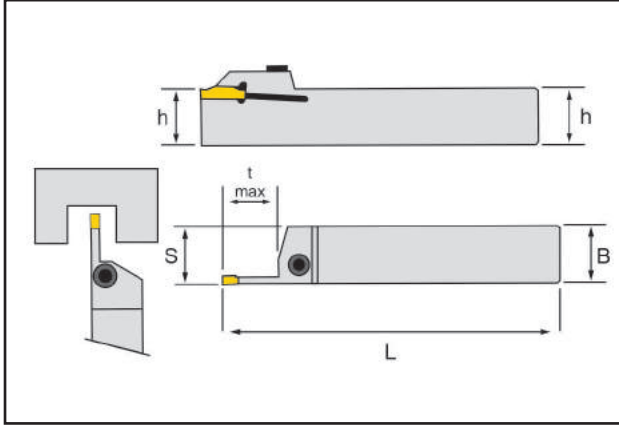
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L ZCC2	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
	1616 BDKT R/L -ZCC2-2C t max:18	16	16	100	16.3	18	ZTBD 2002	BKTV M5X20	-	AA4
	2020 BDKT R/L -ZCC2-2C t max:18	20	20	125	20,3	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 0303	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				
	2525 BDKT R/L -ZCC2-4C t max:22	25	25	150	25,5	22	ZTGD 0404			
2020 BDKT R/L -ZCC2-5C t max:22	20	20	125	20,5	22	ZTHD 0504				
2525 BDKT R/L -ZCC2-5C t max:25	25	25	150	25,5	25					



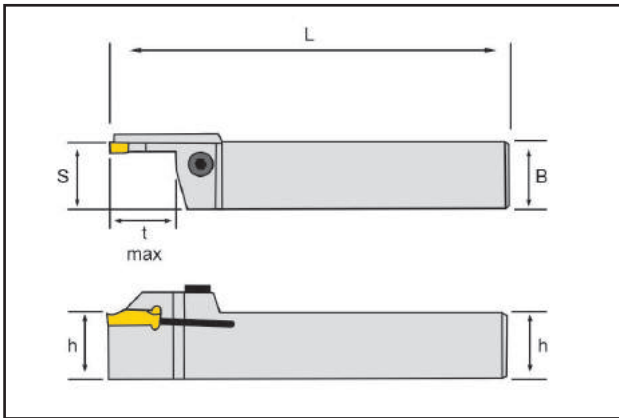
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
BDKT R/L-LAMINA (GCTX)	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
										
	1616 BDKT R/L - GC-LM-2C t max:18	16	16	125	16.2	18	GCTX-2	BKTV M6x25	-	AA5
	2020 BDKT R/L - GC-LM-2C t max:18	20	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-2			
	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					

DIŞ ÇAP KANAL AÇMA TAKIMLARI

External Grooving Toolholders

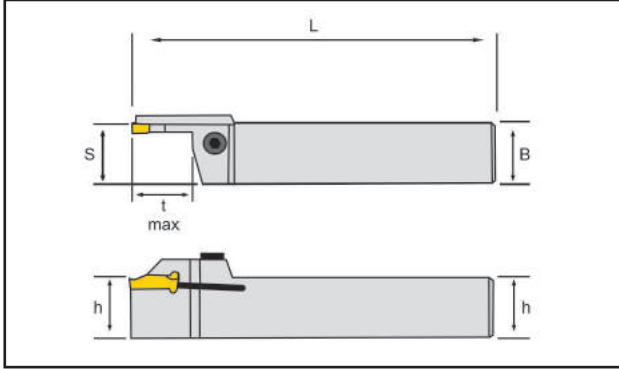


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BDKT R/L - SUMITOMO (GCM)	h	B	L	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
1212 BDKT R/L - SM-GCM-2C t max:15	12	12	100	12.2	15	GCM N20	BKTV M5X20		AA4
1616 BDKT R/L - SM-GCM-2C t max:18	16	16	125	16.2	18		BKTV 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	GCM N30	BKTV M5X20		AA4
1212 BDKT R/L - SM-GCM-3C t max:15	12	12	100	12.2	15		BKTV M6x25		AA5
1616 BDKT R/L - SM-GCM-3C t max:15	16	16	125	16.3	15				
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				



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
ISCAR ALIN BOŞALTMA TAKIMLARI	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	ISCAR-GRIP 4C	BKTV 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				

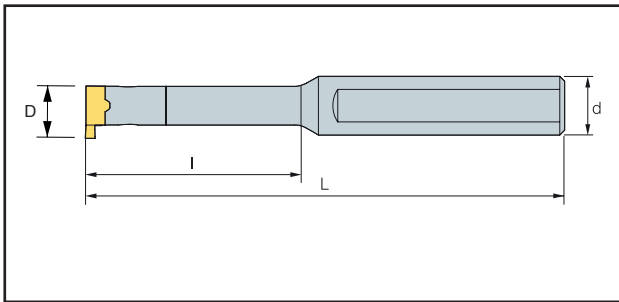
DIŞ ÇAP ALIN KANAL AÇMA TAKIMLARI Face External Grooving Toolholders



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
KORLOY ALIN BOŞALTMA TAKIMLARI	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	KRLY-MGM 3C	BKT V 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	KRLY-MGM 4C	BKT V M6x25	-	AA5
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-K5C (Ø24x36) t max:25	25	25	150	26,5	25	24	36	KRLY-MGM 4C	BKT V M6x25	-	AA5
2525 BDKT-A-K5C (Ø36x48) t max:25	25	25	150	26,5	25	36	48				
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				



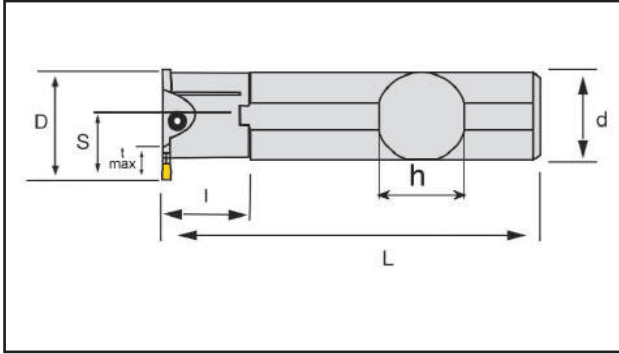
KOD CODE	ÖLÇÜLER DIMENSION (mm)			KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT 08-11-14	D	L	I		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Torx Key
	12	100	13				
	16	120	25		SSV M3,5x11	-	T15
	16	120	30		SSV M4x11	-	T15

I DELİK İÇİ KANAL AÇMA TAKIMLARI

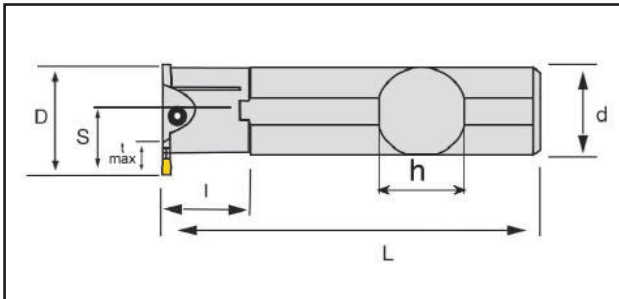
I Internal Grooving Toolholders



DELİK İÇİ KANAL AÇMA TAKIMLARI Internal Grooving Toolholders

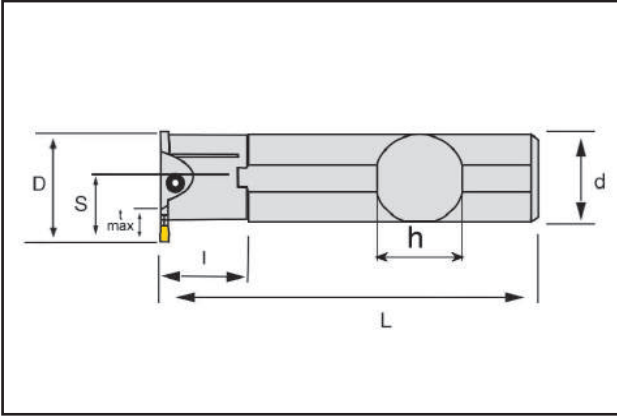


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L KORLOY-MGM	d	D	L	I	h	S	t max	TF4125	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
BIKT R/L 16-K2C t max:4	16	20	150	33	15	11,5	4	KRLY-MGM 2C	BKTV M4x12	-	AA4
BIKT R/L 20-K2C t max:4	20	26	170	33	18	14,5	4		BKTV M6x25	-	AA5
BIKT R/L 25-K2C t max:4	25	32	200	45	23	18,5	4				
BIKT R/L 20-K3C t max:6	20	26	170	33	18	15	6	KRLY-MGM 3C	BKTV M6x25	-	AA5
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				
BIKT R/L 40-K3C t max:8	40	48	300	54	37	27	8	KRLY-MGM 4C	BKTV M6x25	-	AA5
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	KRLY-MGM 5C	BKTV M6x25	-	AA5
BIKT R/L 40-K4C t max:6	40	48	300	54	37	27	6				
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	KRLY-MGM 6C	BKTV M6x25	-	AA5
BIKT R/L 40-K5C t max:7	40	48	300	54	37	27	7				
BIKT R/L 50-K4C t max:15 NEW	50	65	300	50	47	40	15				
BIKT R/L 50-K5C t max:15 NEW	50	65	300	50	47	40	15	KRLY-MGM 8C	BKTV M8x30	-	AA5
BIKT R/L 50-K6C t max:15 NEW	50	65	300	50	47	40	15				
BIKT R/L 50-K8C t max:15 NEW	50	65	300	50	47	40	15				

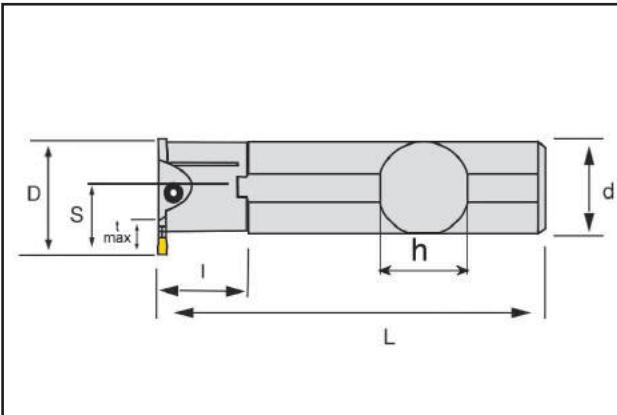


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L KORLOY-KG	d	D	L	I	H	S	t max	TF4125	Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key
BIKT R/L 25-KG-2C t max:7	16	26	170	32	18	15	7	KRLY-KG 2	BKTV M6x25	-	AA5
BIKT R/L 25-KG-3C t max:7	20	26	170	32	18	15	7	KRLY-KG 3			
BIKT R/L 25-KG-4C t max:8	25	32	200	42	23	18	8	KRLY-KG 4			
BIKT R/L 32-KG-3C t max:8	32	40	250	49	30	22	8	KRLY-KG 3			
BIKT R/L 32-KG-4C t max:8	32	40	250	49	30	22	8	KRLY-KG 4			

DELİK İÇİ KANAL AÇMA TAKIMLARI Internal Grooving Toolholders

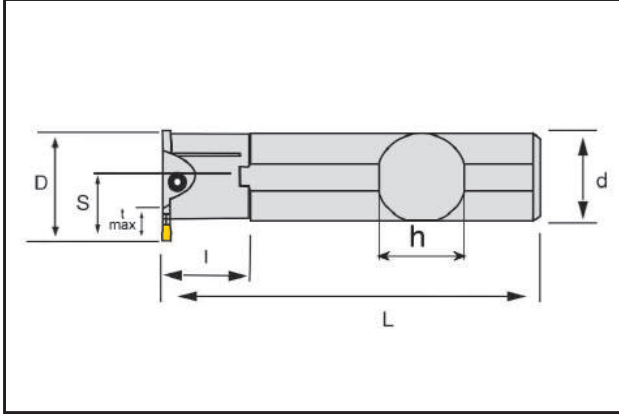


KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS							
BIKT R/L HORN-229	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key						
																	
BIKT R/L 25-H3C (S229) t max:7	25	32	200	43	23	18,9	7	HRN S229 3C									
BIKT R/L 32-H3C (S229) 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	HRN S229 4C				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	HRN S229 5C									
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										

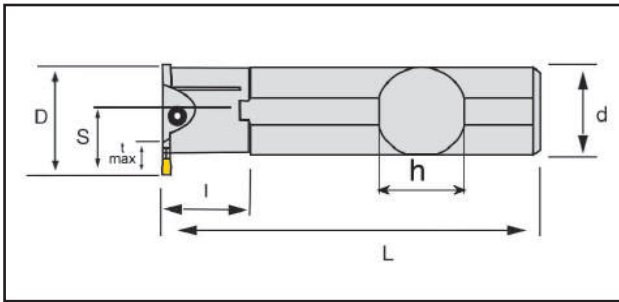


KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L K.HORN-224	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
												
BIKT R/L 20-HK2C (S224) t max:6	20	26	170	32	18	15	6	HRN S224 3C				
BIKT R/L 25-HK2C (S224) t max:6	25	32	200	42	23	18,9	6					
BIKT R/L 20-HK3C (S224) t max:6	20	26	170	33	18	15	6	HRN S224 4C				
BIKT R/L 25-HK3C (S224) t max:6	25	32	200	43	23	18,9	6					
BIKT R/L 32-HK3C (S224) t max:6	32	40	250	50	30	21,5	6	HRN S224 5C				
BIKT R/L 20-HK4C (S224) t max:6	20	26	170	34	18	15	6					
BIKT R/L 25-HK4C (S224) t max:6	25	32	200	40	23	18,9	6					
BIKT R/L 32-HK4C (S224) t max:6	32	40	250	50	30	21,5	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	ZTBD 2002	BKT V M5x12	-	AA4
	BIKT R/L 20-ZCC2-3C t max:5	20	26	170	32	18	15	5	ZTFD 0303			BKT V M6x25
	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				
	BIKT R/L 25-ZCC2-4C t max:6	25	32	200	42	23	18	6	ZTCD 0404			
	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	ZTCD 0505			
	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					



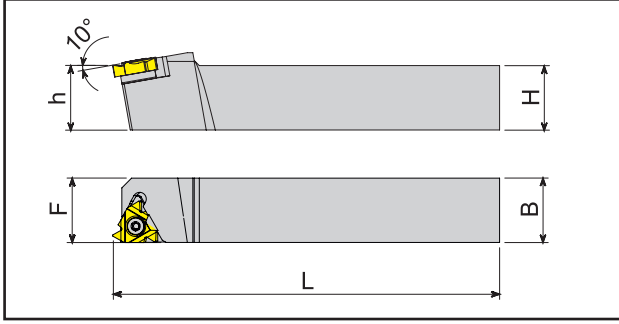
KOD CODE	ÖLÇÜLER DIMENSION (mm)								KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
BIKT R/L GRIP/DGN	d	D	L	I	H	S	t max		Sıkma Vidası Clamp Screw	Pul Stamp	Anahtar Allen Key	
												
	BIKT R/L 16-IG-3C t max:6	16	26	170	32	18	15	6	GRIP 3	BKT V M4x10	-	AA4
	BIKT R/L 20-IG-3C t max:6	20	26	170	32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

I DELİK İÇİ KANAL AÇMA TAKIMLARI

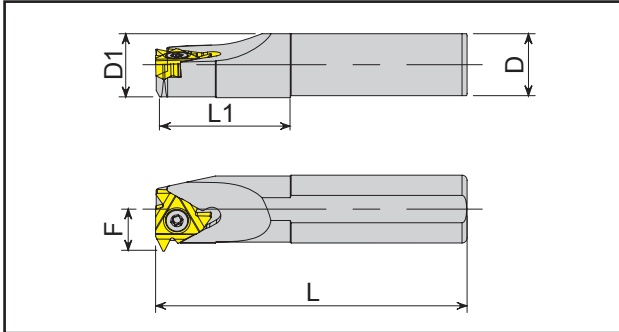
I Internal Grooving Toolholders



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	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					
SER/L 1616 H16	16	16	100	16	16 ER/EL	SSV M3,5X14	BAX- ER/L-16	SBVA M5.05 A3,5x11	T15
SER/L 2020 K16	20	20	125	20					
SER/L 2525 M16	25	25	150	25					
SER/L 3232 P16	32	32	170	32					
SER/L 2525 M22	25	25	150	25	22 ER/EL	SSV M4X16	BAX- ER/L-22	SBVA M6.75 A4x11	T15
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 DIŞ KATERİ	D	D1	L	L1	F	D min		Sıkma Vidası Clamp Screw	Altık Shim	Altık Vidası Shim Screw	Anahtar Allen Key
SIR/L S16X07 M08	16	7	150	18	5,3	7,8	08 IR/L	SSV M2,2X5	-	-	T07
SIR/L S10 H11	10	10	100	-	7,4	12	11 IR/L	SSV M2,5X7	-	-	T08
SIR/L S12 K11	12	12	125	-	8,4	16					
SIR/L S16X10 M11	16	10	150	25	7,4	12					
SIR/L S16x13 M11	16	13	150	32	8,9	15					
SIR/L S16x13 M16	16	16	150	32	10,2	16	16 IR/L	SSV M3,5X11	-	-	T15
SIR/L S16 M16	16	13	150	-	11,7	19					
SIR/L S20x16 P16	20	16	170	40	11,7	19					
SIR/L S20 P16	20	20	170	-	13,7	24					
SIR/L S25 R16	25	25	200	-	16,2	29	22 IR/L	SSV M3,5X14	BAX- IR/L 16	SBVA M5.05 A3,5	T15
SIR/L S32 S16	32	32	250	-	19,7	36					
SIR/L S40 T16	40	40	300	-	23,7	44					
SIR/L S20 P22	20	20	170	-	14	24					
SIR/L S25 R22	25	25	200	-	18,1	29	22 IR/L	SSV M4X11	BAX- IR/L-22	SBVA M6.75 A4x11	T15
SIR/L S32 S22	32	32	250	-	21,6	38					
SIR/L S40 T22	40	40	300	-	25,6	46					

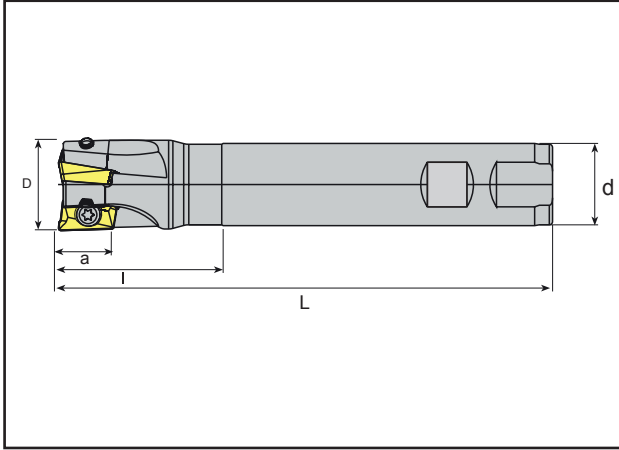
I S SISTEM FREZELER

I S System end mills



S SİSTEM FREZELER

S System end mills



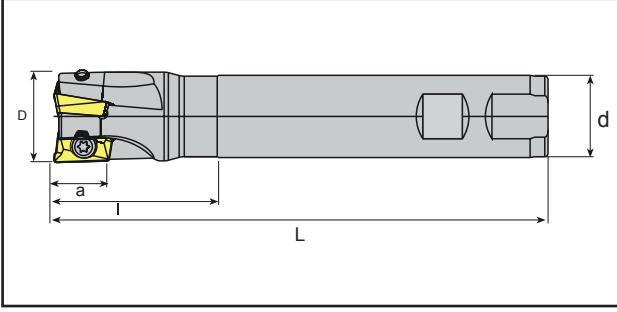
AP.. 1003..
ISO



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KEŞİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° AP10..									
ST90°AP10-D12-W12-L120-Z01	12	12	01	120	30	10	AP..1003..	SSV M2,5X7	T08
ST90°AP10-D12-W16-L120-Z01	12	16	01	120	30	10			
ST90°AP10-D14-W16-L120-Z01	14	16	01	120	30	10			
ST90°AP10-D16-W16-L120-Z02	16	16	02	120	30	10			
ST90°AP10-D16-W16-L120-Z02-H	16	16	02	120	30	10			
ST90°AP10-D18-W16-L120-Z02	18	16	02	120	30	10			
ST90°AP10-D20-W20-L120-Z03	20	20	03	120	30	10			
ST90°AP10-D20-W20-L120-Z03-H	20	20	03	120	30	10			
ST90°AP10-D22-W20-L120-Z03	22	20	03	120	30	10			
ST90°AP10-D23-W20-L120-Z03	23	20	03	120	30	10			
ST90°AP10-D24-W20-L120-Z03	24	20	03	120	30	10			
ST90°AP10-D25-W25-L120-Z03	25	25	03	120	30	10			
ST90°AP10-D25-W25-L120-Z03-H	25	25	03	120	30	10			
ST90°AP10-D26-W25-L120-Z03-H	26	25	03	120	30	10			
ST90°AP10-D30-W25-L120-Z04	30	25	04	120	30	10			
ST90° AP10 D32 W25 L120 Z04	32	25	04	120	40	10			
ST90°AP10-D32-W32-L120-Z04	32	32	04	120	30	10			
ST90°AP10-D32-W32-L120-Z04-H	32	32	04	120	30	10			
ST90°AP10-D35-W32-L120-Z05	35	32	05	120	30	10			
ST90°AP10-D40-W32-L120-Z05	40	32	05	120	30	10			
ST90°AP10-D16-W16-L150-Z02	16	16	02	150	40	10			
ST90°AP10-D18-W16-L150-Z02	18	16	02	150	40	10			
ST90°AP10-D20-W20-L150-Z03	20	20	03	150	40	10			
ST90°AP10-D22-W20-L150-Z03	22	20	03	150	40	10			
ST90°AP10-D24-W20-L150-Z03	24	20	03	150	40	10			
ST90°AP10-D25-W25-L150-Z03	25	25	03	150	40	10			
ST90°AP10-D26-W25-L150-Z03	26	25	03	150	40	10			
ST90°AP10-D30-W25-L150-Z04	30	25	04	150	40	10			
ST90°AP10-D32-W25-L150-Z04	32	25	04	150	40	10			
ST90°AP10-D32-W32-L150-Z04	32	32	04	150	40	10			
ST90°AP10-D40-W32-L150-Z05	40	32	05	150	40	10			
ST90°AP10-D16-C16-L200-Z02	16	16	02	200	50	10			
ST90°AP10-D18-C16-L200-Z02	18	16	02	200	50	10			
ST90°AP10-D20-C20-L200-Z03	20	20	03	200	50	10			
ST90°AP10-D22-C20-L200-Z03	22	20	03	200	50	10			
ST90° AP10 D24 C20 L200 Z03	24	20	03	200	50	10			
ST90°AP10-D25-C25-L200-Z03	25	25	03	200	50	10			
ST90°AP10-D26-C25-L200-Z03	26	25	03	200	50	10			
ST90°AP10-D25-C25-L250-Z03 NEW	25	25	03	250	70	10			
ST90° AP10 D32 C32 L300 Z04 NEW	32	32	04	300	70	10			

S SİSTEM FREZELER

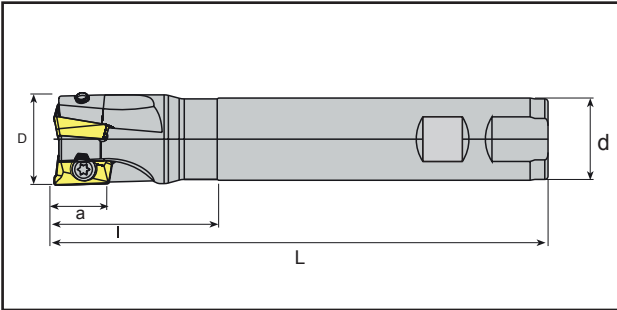
S System end mills



AP.. 11T3..
KORLOY-ZCC



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AP11..	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90 AP11-D16-W16-L120-Z02	16	16	02	120	30	11	AP..11T3..	SSV M2,5X7	T08
ST90 AP11-D20-W20-L120-Z03	20	20	03	120	30	11			
ST90 AP11-D25-W25-L120-Z03	25	25	03	120	30	11			
ST90 AP11-D26-W25-L120-Z03	26	25	03	120	30	11			
ST90 AP11-D32-W32-L120-Z04	32	32	04	120	30	11			
ST90 AP11-D16-W16-L150-Z02	16	16	02	150	40	11			
ST90 AP11-D20-W20-L150-Z03	20	20	03	150	40	11			
ST90 AP11-D25-W25-L150-Z03	25	25	03	150	40	11			
ST90 AP11-D26-W25-L150-Z03	26	25	03	150	40	11			
ST90 AP11-D32-W32-L150-Z04	32	32	04	150	40	11			
ST90 AP11-D16-C16-L200-Z02	16	16	02	200	50	11			
ST90 AP11-D20-C20-L200-Z03	20	20	03	200	50	11			
ST90 AP11-D25-C25-L200-Z03	25	25	03	200	50	11			
ST90 AP11-D26-C26-L200-Z03	26	25	03	200	50	11			
ST90 AP11-D32-C32-L200-Z04	32	32	04	200	50	11			



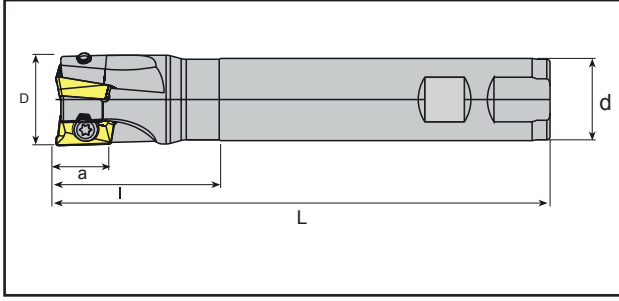
AP.. 1204..
TGTC



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AP12..	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
									
ST90 AP12-D20-W20-L150-Z02	20	20	02	150	40	12	AP..1204..	SSV M3X9	T08
ST90 AP12-D21-W20-L150-Z02	21	20	02	150	40	12			
ST90 AP12-D25-W25-L150-Z03	25	25	02	150	40	12			
ST90 AP12-D32-W32-L150-Z03	32	32	03	150	40	12			
ST90 AP12-D21-C20-L200-Z02	21	20	02	200	50	12			
ST90 AP12-D26-C25-L200-Z03	26	25	03	200	50	12			

S SİSTEM FREZELER

S System end mills



AP.. 1604..
ISO

AP.. 1705..
TGTC

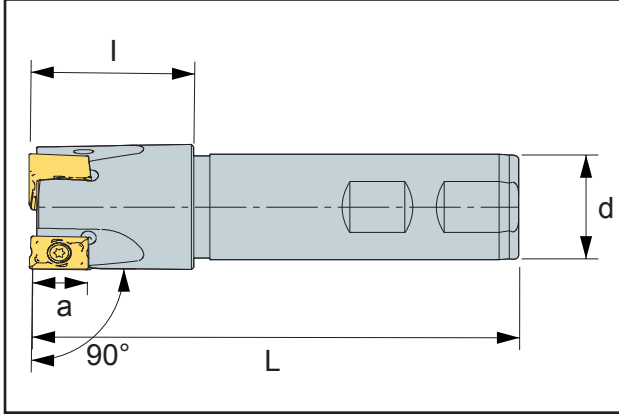


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° AP16..									
ST90 AP16-D25-W25-L120-Z02	25	25	02	120	40	16	AP..1604..	SSV M3,5X9	T15
ST90 AP16-D26-W25-L120-Z02	26	25	02	120	40	16			
ST90 AP16-D28-W25-L120-Z02	28	25	02	120	40	16			
ST90 AP16-D30-W25-L120-Z03	30	25	03	120	40	16			
ST90 AP16-D32-W25-L120-Z03	32	25	03	120	40	16			
ST90 AP16-D32-W32-L120-Z03	32	32	03	120	40	16			
ST90 AP16-D34-W32-L120-Z03	34	32	03	120	40	16			
ST90 AP16-D35-W32-L120-Z03	35	32	03	120	40	16			
ST90 AP16-D36-W32-L120-Z03	36	32	03	120	40	16			
ST90 AP16-D38-W32-L120-Z04	38	32	04	120	40	16			
ST90 AP16-D40-W32-L120-Z04	40	32	04	120	40	16			
ST90 AP16-D25-W25-L150-Z02	25	25	02	150	50	16			
ST90 AP16-D26-W25-L150-Z02	26	25	02	150	50	16			
ST90 AP16-D28-W25-L150-Z03	28	25	03	150	50	16			
ST90 AP16-D30-W25-L150-Z03	30	25	03	150	50	16			
ST90 AP16-D32-W32-L150-Z03	32	32	03	150	50	16			
ST90 AP16-D32-W25-L150-Z03	32	25	03	150	50	16			
ST90 AP16-D34-W32-L150-Z03	34	32	03	150	50	16			
ST90 AP16-D35-W32-L150-Z03	35	32	03	150	50	16			
ST90 AP16-D40-W25-L150-Z04	40	25	04	150	50	16			
ST90 AP16-D40-W32-L150-Z04	40	32	04	150	50	16			
ST90 AP16-D25-C25-L200-Z02	25	25	02	200	50	16			
ST90 AP16-D26-C25-L200-Z02	26	25	02	200	50	16			
ST90 AP16-D28-C25-L200-Z03	28	25	03	200	50	16			
ST90 AP16-D30-C25-L200-Z03	30	25	03	200	50	16			
ST90 AP16-D32-C32-L200-Z03	32	32	03	200	50	16			
ST90 AP16-D34-C32-L200-Z03	34	32	03	200	50	16			
ST90 AP16-D35-C32-L200-Z03	35	32	03	200	50	16			
ST90 AP16-D40-C32-L200-Z04	40	32	04	200	50	16			
ST90° AP16 D25 W25 L250 Z02 NEW	25	25	2	250	100	16			
ST90° AP16 D32 W32 L250 Z03 NEW	32	32	3	250	100	16			
ST90° AP16 D32 W32 L300 Z03 NEW	32	32	3	300	100	16			

KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90 AP17-D25-W25-L120-Z02	25	25	02	120	40	17	AP..1705..	SSV M3,5X9	T15
ST90 AP17-D32-W32-L150-Z03	32	32	03	150	40	17			
ST90 AP17-D26-C25-L200-Z02	26	25	02	200	50	17			
ST90 AP17-D26-C25-L250-Z02	26	25	02	250	50	17			
ST90 AP17-D30-C25-L300-Z02	30	25	02	300	50	17			

S SİSTEM FREZELER

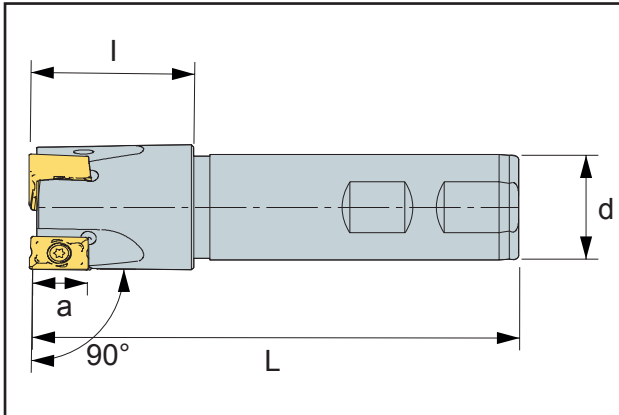
S System end mills



LNMX10
KORLOY / KLP



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° LN10..	D	d	Z	L	I	a	LNMX10	Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° LN10 D16 W16 L110 Z01	16	16	1	110	40	9			
ST90° LN10 D18 W16 L120 Z02	18	16	1	120	40	9		SSV M2,5X7	T08
ST90° LN10 D20 W20 L150 Z02	20	20	2	150	50	9			
ST90° LN10 D25 W25 L150 Z03	25	25	3	150	50	9			
ST90° LN10 D32 W32 L150 Z04	32	32	4	150	50	9			
ST90° LN10 D40 W32 L150 Z05	40	32	4	150	50	9			



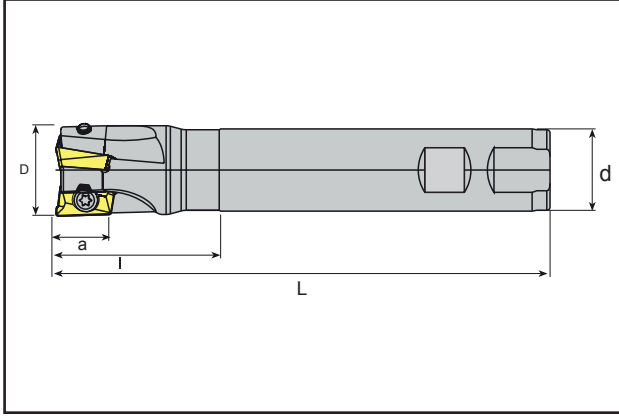
LNMX15
KORLOY / KLP



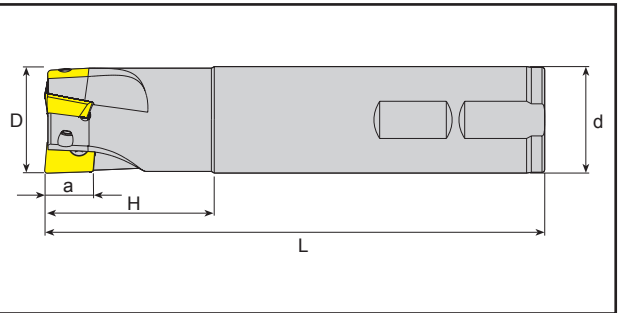
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° LN15..	D	d	Z	L	I	a	LNMX15	Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° LN15 D32 W32 L150 Z02	32	32	2	150	50	14			
ST90° LN15 D32 C32 L250 Z02	32	32	2	250	70	14		SSV M3,5X11	T15
ST90° LN15 D32 C32 L300 Z02	32	32	2	300	70	14			
ST90° LN15 D35 W32 L150 Z03	35	32	3	150	50	14			
ST90° LN15 D35 C32 L250 Z03	35	32	3	250	70	14			
ST90° LN15 D35 C32 L300 Z03	35	32	3	300	70	14			
ST90° LN15 D40 W32 L150 Z04	40	32	4	150	50	14			
ST90° LN15 D40 C32 L250 Z04	40	32	4	250	70	14			
ST90° LN15 D40 C32 L300 Z04	40	32	4	300	70	14			

S SİSTEM FREZELER

S System end mills



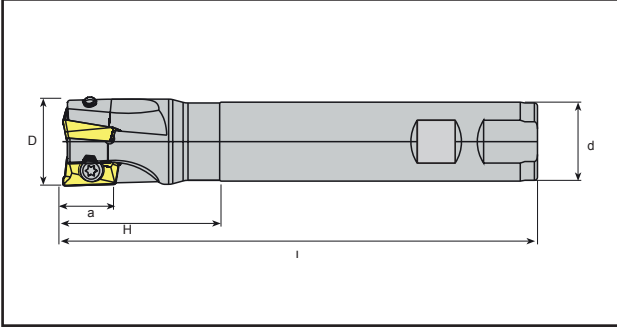
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° R390.11-17..	D	d	Z	L	H	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90° R390.11-D16-W16-L100-Z02-H	16	16	2	100	30	11	R390.11T3..	SSV M2,5X7	T08
ST90° R390.11-D20-W20-L100-Z03-H	20	20	3	100	30	11			
ST90° R390.11-D25-W25-L100-Z03-H	25	25	3	100	35	11			
ST90° R390.11-D16-W16-L150-Z02	16	16	2	150	50	11			
ST90° R390.11-D16-W16-L150-Z02-H	16	16	2	150	50	11			
ST90° R390.11-D20-W20-L150-Z03	20	20	3	150	50	11			
ST90° R390.11-D20-W20-L150-Z03-H	20	20	3	150	50	11			
ST90° R390.11-D25-W25-L150-Z03	25	25	3	150	50	11			
ST90° R390.11-D25-W25-L150-Z03-H	25	25	3	150	50	11			
ST90° R390.17-D25-W25-L150-Z02	25	25	2	150	50	17	R390.1704..	SSV M3,5x9	T15
ST90° R390.17-D25-W25-L150-Z02-H	25	25	2	150	50	17			
ST90° R390.17-D30-W25-L150-Z02	30	25	2	150	50	17			
ST90° R390.17-D30-W25-L150-Z02-H	30	25	3	150	50	17			



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° AD15..	D	d	Z	L	H	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
ST90°-AD15-D25-W25-L120-Z02	25	25	02	120	40	14,3	AD..1505..	SSV M4X11	T15
ST90°-AD15-D25-W25-L150-Z02	25	25	02	150	50	14,3			
ST90° AD15 D30 W25 L150 Z03	32	25	03	150	50	15			
ST90°-AD15-D32-W32-L120-Z03	32	32	03	120	40	14,3			
ST90°-AD15-D32-W32-L150-Z03	32	32	03	150	50	14,3			

S SİSTEM FREZELER

S System end mills

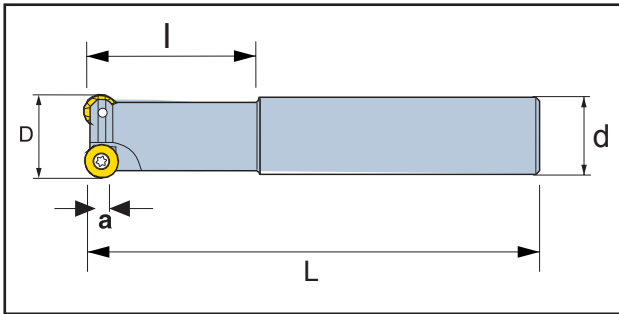


AX.T12
AX.T17
SUMITOMO



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90°AX.T12- 17..	D	d	Z	L	H	a		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
ST90° AX17 -D25-C25-L150-Z02	25	25	02	150	50	14	AX.T 1705	SSV M4X11	T15
ST90° AX17 -D32-W32-L120-Z03	32	32	03	120	40	14			
ST90° AX17 -D32 W32-L120 Z03-H	32	32	3	120	40	14			
ST90° AX17 -D32-C32-L150-Z03	32	32	03	150	50	14			
ST90° AX17 -D32-C32-L200-Z03	32	32	03	200	40	14			
ST90° AX17 -D40-W32-L150-Z04	40	32	04	150	40	14			
ST90° AX17 -D40-C32-L200-Z04	40	32	04	200	40	14			
ST90° AX17 -D32-C32-L250-Z03	32	32	03	250	50	14			

ST90° AX12-D16-C14-L120-Z02	16	14	02	120	30	10	AX.T 1235	SSV M3X7	T08
ST90° AX12-D16-C16-L150-Z02	16	16	02	150	30	10			
ST90° AX12-D16-W16-L200-Z02	16	16	02	200	50	10			
ST90° AX12-D20-C20-L120-Z03	20	20	03	120	40	10			
ST90° AX12-D20-C20-L150-Z03	20	20	03	150	40	10			
ST90° AX12-D25-C25-L120-Z04-H	25	25	04	120	30	10			
ST90° AX12-D25-C25-L150-Z03	25	25	03	150	50	10			
ST90° AX12-D25-C25-L200-Z03	25	25	03	200	50	10			



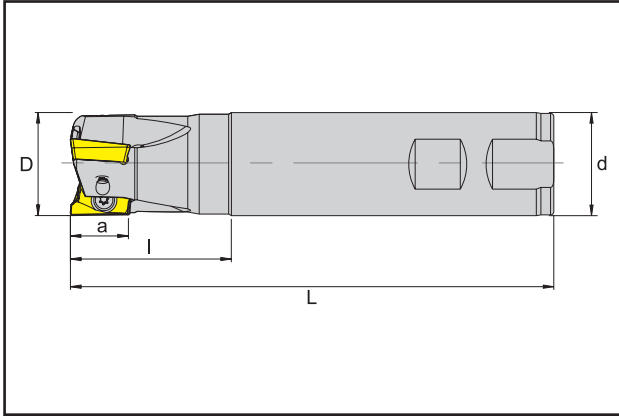
QPMT 10-12
SUMITOMO



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST QP10-12	D	d	Z	L	H	a		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
ST QP10T3 D20 C20 L150 Z02	20	20	2	150	50	5	QPMT10T3	SSV M3,5X9	T15
ST QP10T3 D25 C25 L150 Z02	25	25	2	150	50	5			
ST QP10T3 D25 C25 L200 Z02	25	25	2	200	70	5			
ST QP10T3 D32 C32 L150 Z03	32	32	3	150	50	5			
ST QP10T3 D32 C32 L200 Z03	32	32	3	200	50	5			
ST QP1204 D25 C25 L150 Z02	25	25	2	150	50	6	QPMT1204	SSV M4X11	

S SİSTEM FREZELER

S System end mills



RT 07-10-16
SAFETY



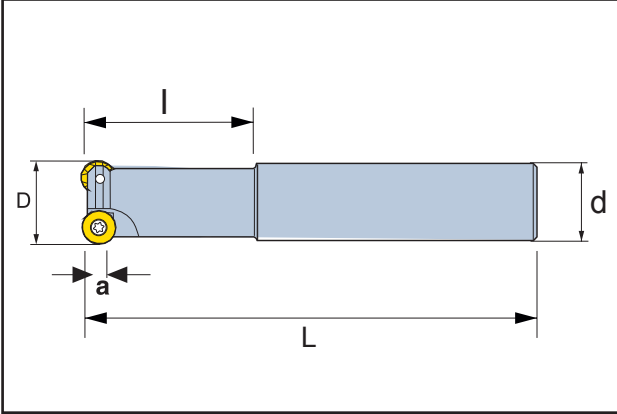
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KEŞİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
ST90° RT07-10-13-16	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
ST90°RT07-D10-W10-L120-Z02	10	10	02	120	30	07	RT 0702	SSV M2X4	T06
ST90°RT07-D12-C12-L120-Z02	12	12	02	120	30	07			
ST90°RT07-D12-W12-L120-Z02	12	12	02	120	30	07			
ST90°RT07-D14-W12-L120-Z02	14	12	02	120	30	07			

ST90°RT10-D16-W16-L120-Z02	16	16	02	120	30	10	RT 1003	SSV M2,5X7	T08
ST90°RT10-D16-W16-L150-Z02	16	16	02	150	50	10			
ST90°RT10-D16-C16-L200-Z02	16	16	02	200	100	10			
ST90°RT10-D17-W16-L150-Z02	17	16	02	150	30	10			
ST90°RT10-D18-W16-L120-Z02	18	16	02	120	30	10			
ST90°RT10-D20-W20-L120-Z03	20	20	03	120	30	10			
ST90°RT10-D20-W20-L150-Z03	20	20	03	150	50	10			
ST90°RT10-D20-C20-L200-Z03	20	20	03	200	100	10			
ST90°RT10-D22-W20-L120-Z03	22	20	03	120	30	10			
ST90°RT10-D22-C20-L150-Z03	22	20	03	150	50	10			
ST90°RT10-D22-C20-L200-Z03	22	20	03	200	100	10			
ST90°RT10-D25-W25-L120-Z04	25	25	04	120	40	10			
ST90°RT10-D25-W25-L150-Z04	25	25	04	150	50	10			
ST90°RT10-D25-C25-L200-Z04	25	25	04	200	100	10			
ST90°RT10-D32-W32-L120-Z05	32	32	05	120	50	10			
ST90°RT10-D32-W32-L150-Z05	32	32	05	150	50	10			
ST90°RT10-D32-C32-L200-Z05	32	32	05	200	100	10			

ST90°RT16-D25-W25-L120-Z02	25	25	02	120	40	16	RT 1606	SSV M4X10	T15
ST90°RT16-D25-W25-L150-Z02	25	25	02	150	50	16			
ST90°RT16-D25-C25-L200-Z02	32	25	02	200	50	16			
ST90°RT16-D32-W32-L120-Z03	32	32	03	120	50	16			
ST90°RT16-D32-W32-L150-Z03	32	32	03	150	50	16			
ST90°RT16-D32-C32-L200-Z03	32	32	03	200	50	16			
ST90°RT16-D32-C32-L250-Z03	32	32	03	250	50	16			
ST90°RT16-D40-W32-L120-Z04	40	32	04	120	50	16			
ST90°RT16-D40-W32-L150-Z04	40	32	04	150	50	16			
ST90°RT16-D40-C32-L200-Z04	40	32	04	200	50	16			

S SİSTEM FREZELER

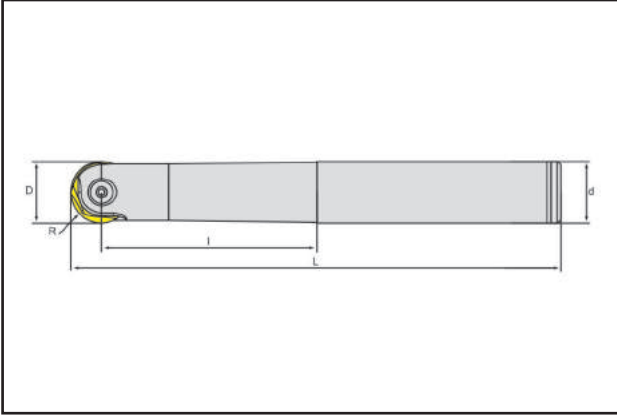
S System end mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
ST RD 08-10-12	D	d	Z	L	l	a		Sıkma Vidası Clamp Screw 	Baskı Parçası Wedge Clamp 	Baskı Vidası Screw 	Anahtar Torx Key 
STR-RD08-D16-W16-L120-Z02	16	16	02	120	55	04	RD..0803..	SSV M2,5X7	-	-	T08
STR-RD08-D16-W16-L160-Z02	16	16	02	160	55	04					
STR-RD08-D20-W20-L120-Z02	20	20	02	120	55	04					
STR-RD08-D20-W20-L160-Z02	20	20	02	160	55	04					
STR-RD08-D20-C20-L200-Z02	20	20	02	200	55	04					
STR-RD08-D25-W25-L120-Z03	25	25	03	120	55	04					
STR-RD08-D25-W25-L160-Z03	25	25	03	160	55	04					
STR-RD08-D25-W25-L200-Z03	25	25	03	200	55	04					
STR-RD08-D32-W32-L120-Z04	32	32	04	120	55	04					
STR-RD08-D32-W32-L160-Z04	32	32	04	160	55	04					
STR-RD08-D32-C32-L200-Z02	32	32	04	200	55	04					
STR-RD10-D20-W20-L120-Z02	20	20	02	120	55	05	RD..1003..	SSV M3,5X9	RTBP-1	SSV M3,5X9	T15
STR-RD10-D20-W20-L160-Z02	20	20	02	160	55	05					
STR-RD10-D20-C20-L200-Z02	20	20	02	200	55	05					
STR-RD10-D25-W25-L120-Z02	25	25	02	120	55	05					
STR-RD10-D25-W25-L160-Z02	25	25	02	160	55	05					
STR-RD10-D25-C25-L200-Z02	32	25	02	200	55	05					
STR-RD10-D32-W32-L120-Z03	32	32	03	120	55	05					
STR-RD10-D32-W32-L160-Z03	32	32	03	160	55	05					
STR-RD10-D32-C32-L200-Z03	32	32	03	200	55	05					
STR-RD10-D40-W32-L120-Z04	40	32	04	120	55	05					
STR-RD10-D40-W32-L160-Z04	40	32	04	160	55	05					
STR-RD10-D40-C32-L200-Z04	40	32	04	200	55	05					
STR-RD12-D25-W25-L120-Z02	25	25	02	120	55	06	RD..1203..	SSV M3,5X9	RTBP-1	SSV M3,5X9	T15
STR-RD12-D25-W25-L160-Z02	25	25	02	160	55	06					
STR-RD12-D25-C25-L200-Z02	25	25	02	200	55	06					
STR-RD12-D32-W32-L120-Z03	32	32	03	120	55	06					
STR-RD12-D32-W32-L160-Z03	32	32	03	160	55	06					
STR-RD12-D32-C32-L200-Z03	32	32	03	200	55	06					
STR-RD12-D40-W32-L120-Z04	40	32	04	120	55	06					
STR-RD12-D40-W32-L160-Z04	40	32	04	160	55	06					
STR-RD12-D40-C32-L200-Z04	40	32	04	200	55	06					

KÜRE UÇLU PARMAK FREZELER

Ball Nose end Mills

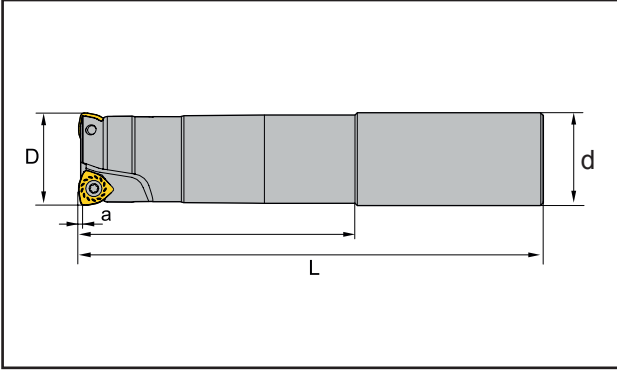


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
BSRT P32..	D	R	L	d	l		Sıkma Vidası Clamp Screw 	Anahtar Allen Key 
SRT-P3208-D08-L130-d10	8	4	110	10	25	P3208	TC 170 3X7	T08
SRT-P3210-D10-L130-d12	10	5	130	12	30	P3210	TC 172 4X0,5X9	T15
SRT-P3212-D12-L150-d12	12	6	130	12	32	P3212	TC 174 5X0,5X9	T20
SRT-P3216-D16-L175-d16	16	8	175	16	60	P3216	TC 176 5X0,5X12	T20
SRT-P3220-D20-L200-d20	20	10	200	20	100	P3220	TC 178 5X0,5X12	T20
SRT-P3225-D25-L200-d25	25	12,5	200	25	100	P3225	TC 181 6X0,75X20	AA3
SRT-P3232-D32-L200-d32	32	16	200	32	100	P3232	TC 184 8X0,75X24	AA4

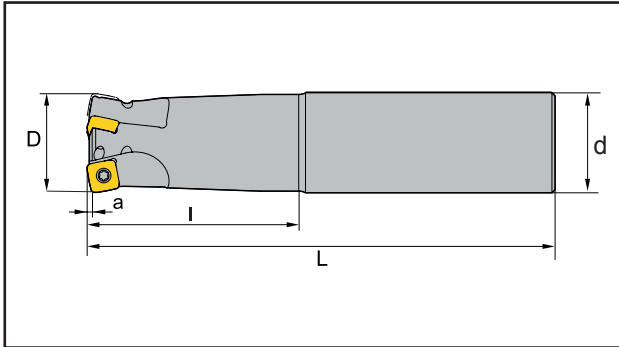


SİSTEMLİ HIZLI İLERLEMELİ SAPLI TARAMALAR

System High Feed End Mills



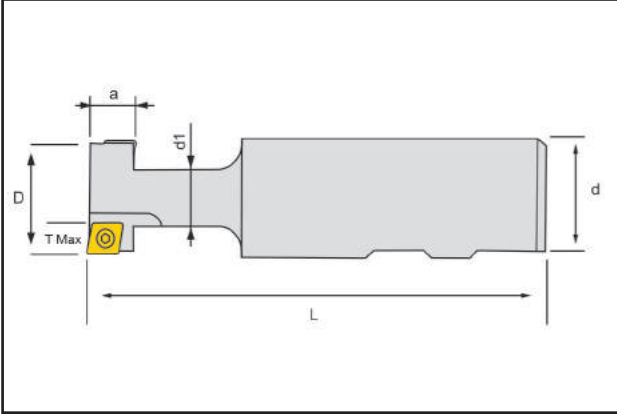
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HST WN09..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
HST WN09T3 D25 W25 L150 Z02-H	25	25	2	150	60	1.5	WNMX 09T3..	SSV M3x9	T08
HST WN09T3 D25 C25 L200 Z02	25	25	2	200	120	1.5			
HST WN09T3 D25 C25 L300 Z02	25	25	2	300	180	1.5			
HST WN09T3 D26 W25 L150 Z02-H	26	25	2	150	60	1.5			
HST WN09T3 D26 C25 L200 Z02	26	25	2	200	60	1.5			
HST WN09T3 D26 C25 L300 Z02	26	25	2	300	70	1.5			
HST WN09T3 D32 W25 L150 Z03-H	32	32	3	150	70	1.5			
HST WN09T3 D32 C25 L200 Z03	32	32	3	200	120	1.5			
HST WN09T3 D32 C32 L300 Z03	32	32	3	300	180	1.5			
HST WN09T3 D33 W32 L150 Z03-H	33	32	3	150	70	1.5			
HST WN09T3 D33 C32 L200 Z03	33	32	3	200	70	1.5			
HST WN09T3 D33 C32 L300 Z03	33	32	3	300	70	1.5			
HST WN09T3 D35 W32 L150 Z04-H	35	32	3	150	50	1.5			
HST WN09T3 D35 C32 L200 Z04	35	32	3	200	50	1.5			
HST WN09T3 D35 C32 L300 Z04	35	32	3	300	50	1.5			
HST WN09T3 D40 W32 L150 Z04-H	40	32	4	150	50	1.5			
HST WN09T3 D40 W32 L200 Z04-H	40	32	4	200	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 SD09..	D	d	Z	L	I	a		Sıkma Vidası Clamp Screw	Anahtar Allen Key
									
HST SD09T3 D25 W25 L150 Z02-H	25	25	2	150	50	1,4	SD..09T3	SSV M3.5x9	T15
HST SD09T3 D32 W25 L150 Z03-H	32	25	3	150	50	1,4			
HST SD09T3 D35 W32 L150 Z03-H	35	32	3	150	50	1,4			

T KANAL FREZELER

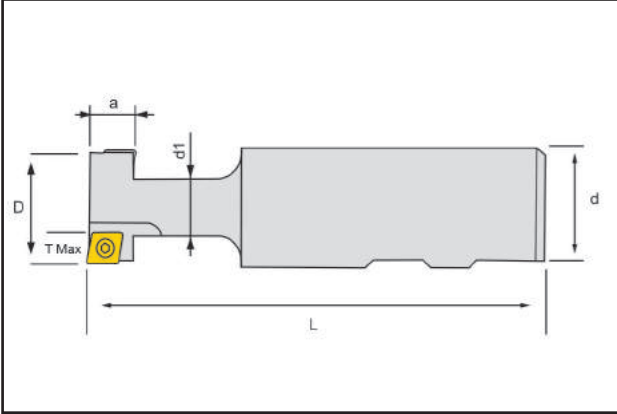
T System Milling



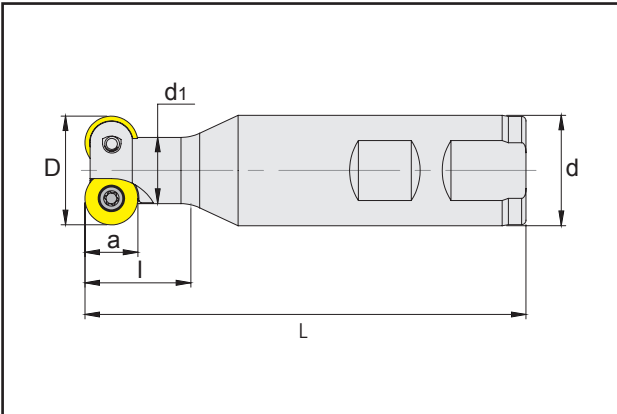
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TF90° T FREZELER	D	a	L	d	d1	Z	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
TF90 CC06 D17x8 L100 Z02	17	08	120	16	10	2	3.5	CC..0602..	SSV M2,5x5	T08
TF90 CC06 D20x9 L100 Z02	20	09	120	16	10	2	5			
TF90 CC06 D23x10 L120 Z04	23	10	120	20	14	4	4.5			
TF90 CC06 D25x10 L120 Z04	25	10	120	20	16	2	4.5			
TF90 CC06 D26x11 L120 Z04	26	11	120	20	16	4	5			
TF90 CC06 D30x12 L120 Z04	30	12	120	25	18	4	6			
TF90 CC06 D32x12 L120 Z04	32	12	120	25	20	4	6			
TF90 CC06 D35x12 L120 Z04	35	12	120	25	20	4	7.5			
TF90 CC06 D40x12 L120 Z06	40	12	120	25	22	6	9			
TF90 CC06 D42x12 L120 Z06	42	12	120	25	22	6	10			
TF90 CC09 D35x14 L120 Z04	35	14	120	25	20	4	7.5	CC..09T3..	SSV M3,5x9	T15
TF90 CC09 D42x14 L120 Z04	42	14	120	25	25	4	8.5			
TF90 CC09 D45x14 L120 Z04	45	14	120	32	25	4	10	CC..0602..	SSV M2,5x7	T08
TF90 CC06 D45x8 L120 Z06	45	08	120	32	25	6	10			
TF90 CC06 D45x10 L120 Z06	45	10	120	32	25	6	10			
TF90 CC06 D50x8 L120 Z06	50	08	120	32	25	6	12.5			
TF90 CC06 D50x10 L120 Z06	50	10	120	32	25	6	12.5			
TF90 CC06 D55x8 L120 Z08	55	08	120	32	25	8	15			
TF90 CC06 D55x10 L120 Z06	55	10	120	32	25	6	15			
TF90 CC06 D60x8 L120 Z08	60	08	120	32	25	8	17.5			
TF90 CC06 D60x10 L120 Z08	60	10	120	32	25	8	17.5			
TF90 CC12 D47x20 L120 Z08	47	20	120	32	25	4	11	CC..1204..	SSV M5x11	T20

T KANAL FREZELER

T System Milling



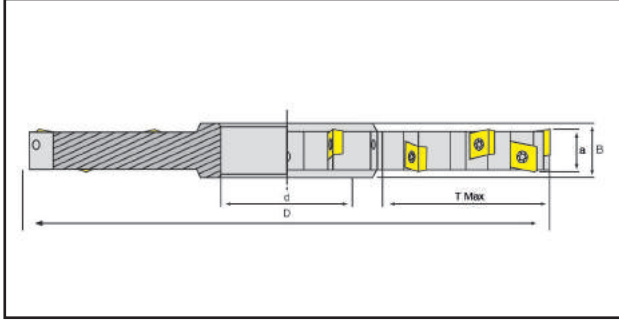
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TF90° T FREZELER	D	a	L	d	d1	Z	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TF90° SPMG 0904-D37x16-W32-L120-Z04	37	16	120	32	21	04	16			
TF90° SPMG 0904-D42x17-W32-L120-Z04	42	17	120	32	21	04	21		SSV M3.5x9	T15
TF90° SPMG 1104-D47x20-W32-L120-Z04	47	20	120	32	24	04	24		SSV M4x11	T15



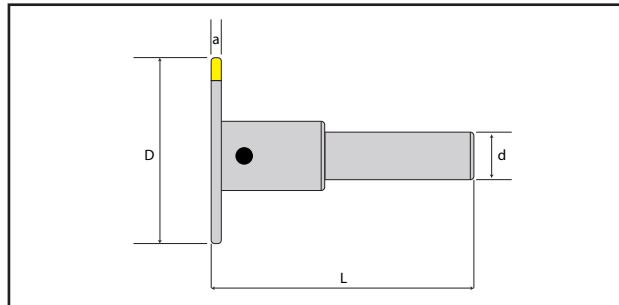
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
T FREZELER	D	a	L	d	d1	Z	T max		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TF RD0702-D17-W16-L120-Z02	17	7	120	16	10	02	7			
TF RD0702-D25-W16-L120-Z03	25	7	120	16	15	03	10		SSV M2,5x6	T08
TF RD0702-D35-W25-L120-Z05	35	7	120	25	20	05	15		SSV M3,5x9	T15
TF RD1003-D21-W25-L120-Z02	21	10	120	25	12	02	9	RD..1003	SSV M3,5x9	T15
TF RD12T3-D25-W25-L120-Z02	25	12	120	25	15	02	10	RD..12T3	SSV M4x11	T15
TF RD1603-D34-W32-L120-Z02	34	16	120	32	20	02	14	RD..1604	SSV M4x11	T15

DİSK FREZELER

Disc Milling



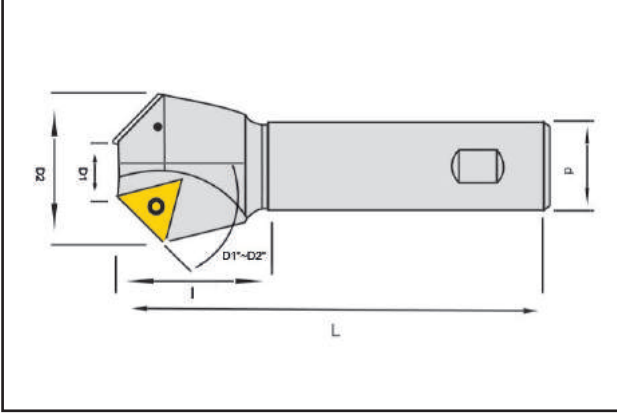
KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
DİSK FREZELER	D	a	d	B	Z	T max		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
BSDF CC06 D60x8 d27 Z08	60	8	22	10	8	15	CC..0602..	SSV M2,5x7	T08
BSDF CC06 D80x8 d27 Z10	80	8	27	14	10	17			
BSDF CC06 D100x8 d32 Z12	100	8	32	14	12	25			
BSDF CC06 D125x8 d40 Z14	125	8	40	16	14	35			
BSDF CC06 D60x10 d27 Z08	60	10	27	10	8	14			
BSDF CC06 D80x10 d27 Z10	80	10	27	14	10	17			
BSDF CC06 D100x10 d32 Z12	100	10	32	14	12	25			
BSDF CC06 D125x10 d40 Z14	125	10	40	16	14	35			
BSDF CC06 D160x10 d40 Z16	160	10	40	22	16	52			
BSDF CC09 D80x12 d27 Z08	80	12	27	14	8	17	CC..09T3..	SSV M3,5x9	T15
BSDF CC09 D100x12 d32 Z10	100	12	32	14	12	25			
BSDF CC09 D125x12 d40 Z12	125	12	40	14	12	35			
BSDF CC09 D160x12 d40 Z14	160	12	40	22	14	52			
BSDF CC09 D80x14 d27 Z08	80	14	27	14	8	17			
BSDF CC09 D100x14 d32 Z10	100	14	32	14	10	25			
BSDF CC09 D125x14 d40 Z12	125	14	40	16	12	35			
BSDF CC09 D160x14 d40 Z14	160	14	40	22	14	52			



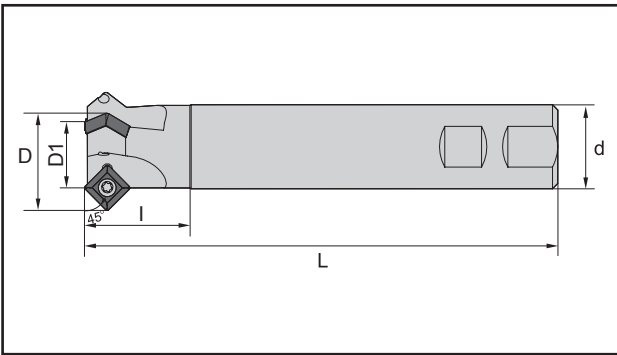
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
DAİRE KANAL TAKIMLARI	D	a	d	Z	T max		Sıkma Vidası Clamp Screw 	Alyan Anahtar Allen Key 
DKT-K3C D50 W20 L120 Z2	50	3	20	2	12	KRLY-MGM 3C	BKT-V-M6X25	AA5
DKT-K4C D50 W20 L120 Z2	50	4	20	2	12	KRLY-MGM 4C		
DKT-K5C D50 W20 L120 Z2	50	5	20	2	12	KRLY-MGM 5C		
DKT-K3C D63 W25 L120 Z2	63	3	25	2	17	KRLY-MGM 3C	BKT-V-M8X30	AA8
DKT-K4C D63 W25 L120 Z2	63	4	25	2	17	KRLY-MGM 4C		
DKT-K5C D63 W25 L120 Z2	63	5	25	2	17	KRLY-MGM 5C		
DKT-K3C D80 W32 L120 Z2	80	3	32	2	21	KRLY-MGM 3C	BKT-V-M8X30	AA8
DKT-K4C D80 W32 L120 Z2	80	4	32	2	21	KRLY-MGM 4C		
DKT-K5C D80 W32 L120 Z2	80	5	32	2	21	KRLY-MGM 5C		

S SİSTEM PAH FREZELER

S System Chamfering End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HAVŞA FREZELER	D1° D2°	D1	D2	L	d	Z	I		Sıkma Vidası Clamp Screw	Anahtar Torx Key
HF45° TC11 D4-15 L100 Z01	45°	4	15	100	16	01	30	TCM..1102..	SSV M2,5x5	T08
HF45° TC16 D10-31 L100 Z02	45°	10	31	100	16	02	35	TCM..16T3..	SSV M3,5X9	T15
HF45° TC16 D14-35 L100 Z02	45°	14	35	100	20	02	40			
HF45° TC16 D22-43 L100 Z03	45°	22	43	100	20	03	40			
HF45° TC16 D32-53 L100 Z04	45°	32	53	100	20	04	40			
HF30° TC16 D30-45 L100 Z02	30°	30	45	100	20	02	40			
HF30° TC16 D20-35 L100 Z02	30°	20	35	100	16	02	35			
HF30° TC16 D6-20 L100 Z01	30°	6	20	100	16	01	30			
HF25° TC16 D17-30 L100 Z01	25°	17	30	100	16	01	30			
HF22,5° TC16 D17-28 L100 Z01	22,5°	17	28	100	16	01	30			
HF20° TC16 D17-26 L100 Z01	20°	17	26	100	16	01	30			
HF20° TC16 D12-20 L100 Z01	20°	12	20	100	16	01	30			
HF17,5° TC16 D17-24 L100 Z01	17,5°	17	24	100	16	01	30			
HF15° TC16 D17-22 L100 Z01	15°	17	22	100	16	01	30			
HF10° TC16 D18-21 L100 Z01	10°	18	21	100	16	01	30			



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HAVŞA FREZELER	D1° D2°	D1	D2	L	d	Z	I		Sıkma Vidası Clamp Screw	Anahtar Torx Key
HF45° SP09 D11x25-V20-L150-Z01	45°	12	26	150	20	01	30	SPMG 090408	SSV M3,5X11	T15
HF45° SP11 D24x38-V25-L150-Z02	45°	25	39	150	25	02	35	SPMG 110408	SSV M4x11	T15
HF45° SP11 D31x45-V32-L150-Z03	45°	32	46	150	32	03	40			

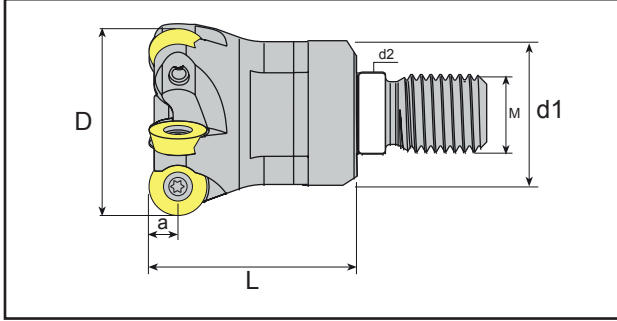
I S SİSTEM MODÜLER FREZELER

I S System Modular End Mills



S SİSTEM MODÜLER FREZELER

S System Modular End Mills



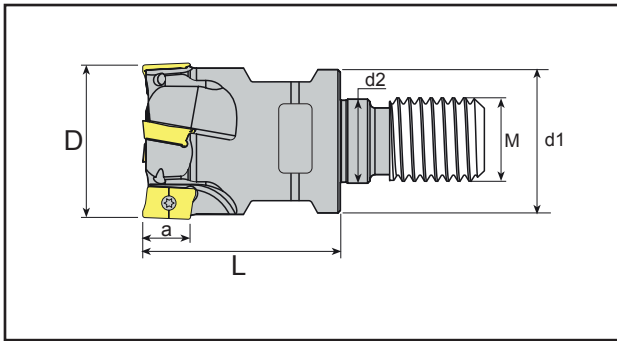
RD08-10-12
ISO



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MODÜLER FREZELER RDMT	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT RD08 D16 M08 L23 Z02-H	16	2	13	8.5	23	-	8		
	MT RD08 D20 M10 L30 Z03-H	20	3	18	10.5	30	-	10	SSV M2,5x7	T08
	MT RD08 D25 M12 L35 Z04-H	25	4	21	12.5	35	-	12		

MT-RD10-D20-M10-L30-Z02-H	20	2	18	10.5	30	5	10	RD.1003..	SSV M3,5x7,5	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..	SSV M3,5x7,5	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			



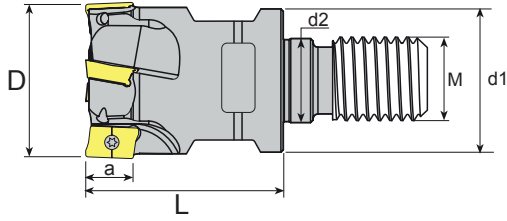
AP10 ISO



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MODÜLER FREZELER APKT	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT90-AP10-D16-M08-L30-Z02-H	16	2	14.75	8.5	30	10	8		
	MT90-AP10-D20-M10-L30-Z03-H	20	3	18	10.5	30	10	10		
	MT90-AP10-D25-M12-L35-Z03-H	25	3	21	12.5	35	10	12		
	MT90-AP10-D32-M16-L35-Z04-H	32	4	29	17	43	10	16		
	MT90-AP10-D40-M16-L43-Z05-H	40	5	29	17	43	10	16		
	MT90-AP10-D42-M16-L43-Z05-H	42	5	29	17	43	10	16		

S SİSTEM MODÜLER FREZELER

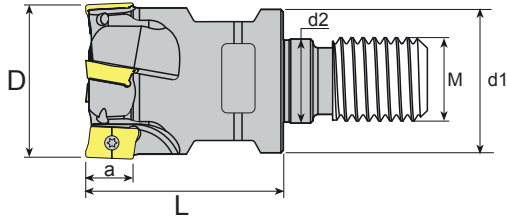
S System Modular End Mills



APKT16 ISO

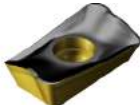


KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MODÜLER FREZELER AP16	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT90° AP16 D25 M12 L43 Z02 H	25	2	21	12.5	43	16			
	MT90° AP16 D32 M16 L43 Z03 H	32	3	29	17	43	16		SSV M3,5x7	T15
	MT90° AP16 D40 M16 L43 Z04 H	40	4	29	17	43	16			
	MT90° AP16 D42 M16 L43 Z04 H	42	4	29	17	43	16			



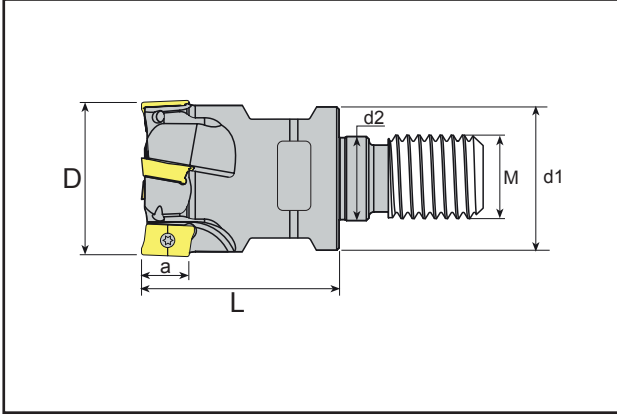
R390.11
SANDVIK



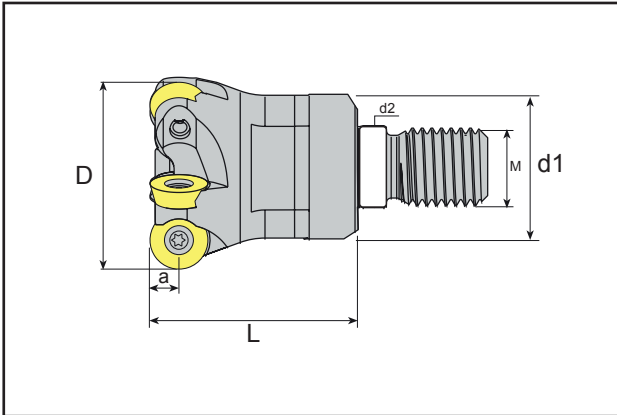
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MODÜLER FREZELER R390.11	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT90° R390.11 D16 M08 L30 Z02 H	16	2	14.75	8.5	30	11			
	MT90° R390.11 D20 M10 L30 Z03 H	20	3	18	10.5	30	11		SSV M2,5x7	T08
	MT90° R390.11 D25 M12 L35 Z03 H	25	3	21	12.5	35	11			
	MT90° R390.11 D32 M16 L43 Z04 H	32	4	29	17	43	11			

S SİSTEM MODÜLER FREZELER

S System Modular End Mills



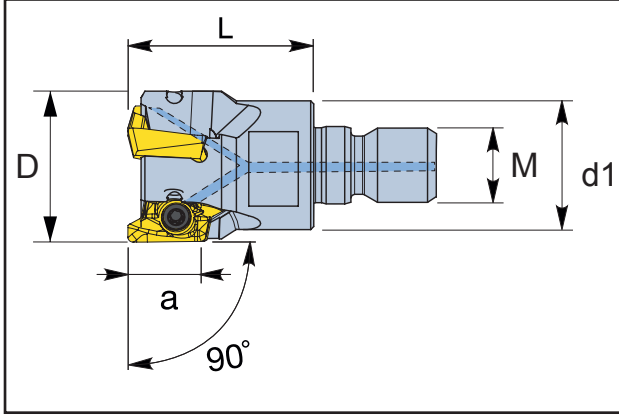
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MODULER FREZELER AX12	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT90° AX12 D16 M08 L30 Z02 H	16	2	14.75	8.5	30	11			
	MT90° AX12 D20 M10 L30 Z03 H	20	3	18	10.5	30	11		SSV M3x7	T08
	MT90° AX12 D25 M12 L35 Z03 H	25	4	21	12.5	35	11			



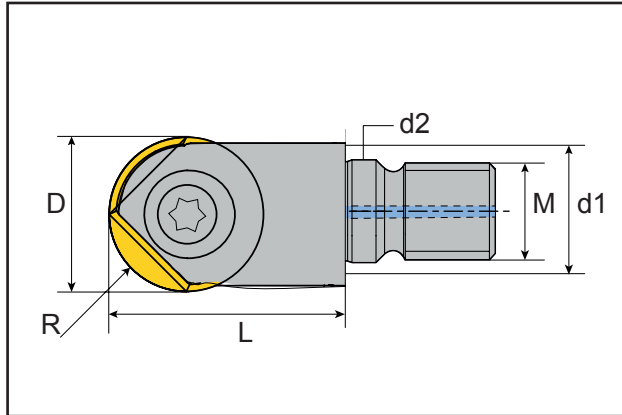
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MODULER FREZELER QP10..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT QP10T3 D20 M10 L30 Z02-H	20	2	18	10.5	30	-			
	MT QP10T3 D25 M12 L35 Z03-H	25	3	21	12.5	35	-		SSV M3,5x9	T15
	MT QP10T3 D32 M16 L43 Z03-H	32	3	29	17	43	-			
	MT QP10T3 D40 M16 L43 Z04-H	40	4	29	17	43	-			

S SİSTEM MODÜLER FREZELER

S System Modular End Mills



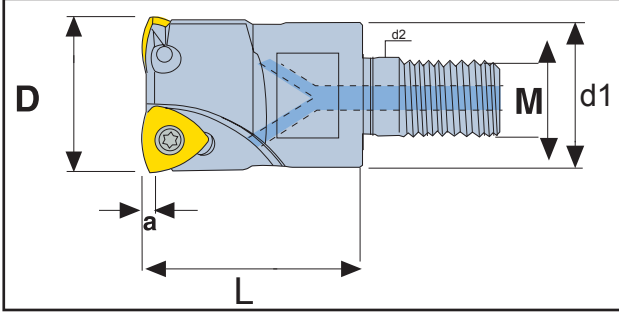
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
MODÜLER FREZELER RT10..	D	Z	d1	d2	L	a	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	MT90° RT10 D25 M12 L30 Z04-H	25	4	21	12.5	30	10			
	MT90° RT10 D32 M16 L43 Z05-H	32	5	29	17	43	10		SSV M2,5x7	T08
	MT90° RT10 D42 M16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



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
MODÜLER FEREZELER P32..	D	d1	d2	L	R	M		Sıkma Vidası Clamp Screw	Anahtar Torx Key		
											
	MT P3216 D16 M08 L25	20	18	10.5	30	8		10	P3216	TC 176 5X0,5X12	T20
	MT P3220 D20 M10 L30	25	21	12.5	35	10		12	P3220	TC 178 5X0,5X12	T20
	MT P3225 D25 M12 L35	32	29	17	43	12,5		16	P3225	TC 181 6X0,75X20	AA3
MT P3232 D32 M16 L43	40	29	17	43	16	16	P3232	TC 184 8X0,75X24	AA4		

HIZLI İLERLEMELİ MODÜLER FREZELER

High Feed Modular End Mills

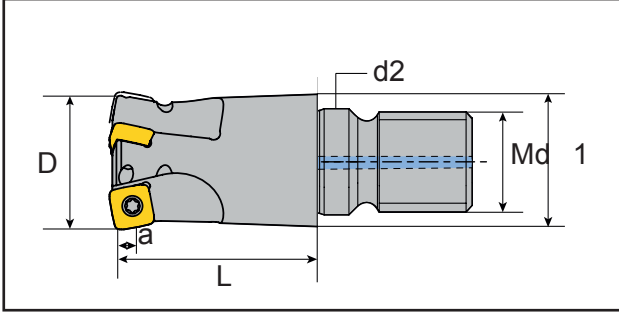


WN09T3
KORLOY



NEW

KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
WN09T3 MODULER HIZ TAKIMI	D	Z	d1	d2	L	a	M	 WN09T3 KORLOY	Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
	MHT WN09T3 D32 M16 L40 Z03-H	32	3	29	17	40	1,5	16	SSV M3x7	T15
MHT WN09T3 D40 M16 L40 Z04-H	40	4	29	17	43	1,5	16			



SD..09T3
ZCC

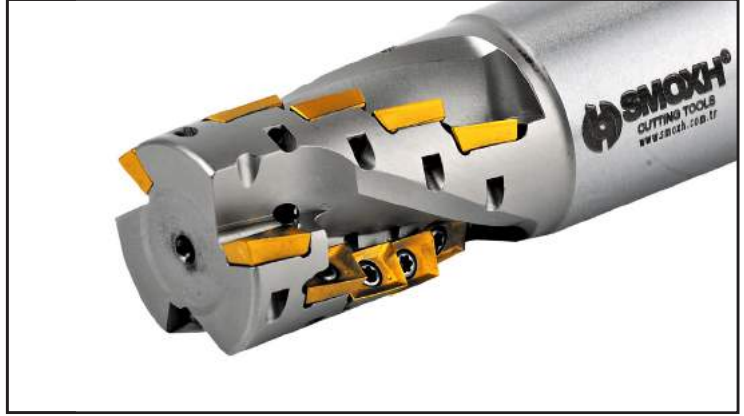
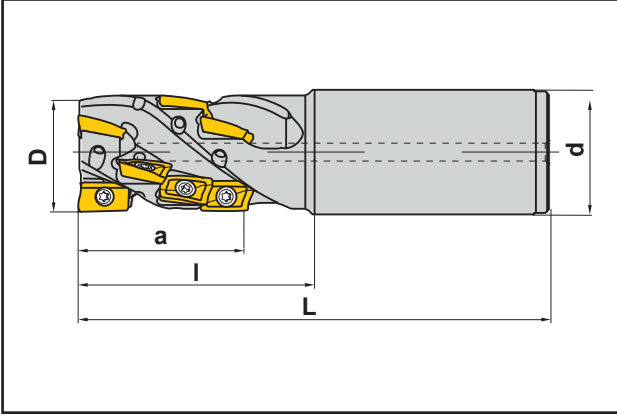


NEW

KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SD09T3 MODULER HIZ TAKIMI	D	Z	d1	d2	L	a	M	 SD..09T3	Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
	MHT SD09T3 D25 M12 L30 Z02-H	25	2	21,5	12,5	30	1,4	12	SSV M3.5x7	T15
MHT SD09T3 D32 M16 L43 Z03-H	32	3	29	17	43	1,4	16			
MHT SD09T3 D35 M16 L43 Z03-H	35	3	29	17	43	1,4	16			
MHT SD09T3 D40 M16 L43 Z04-H	40	4	29	17	43	1,4	16			

S SİSTEM HELİSEL FREZELER

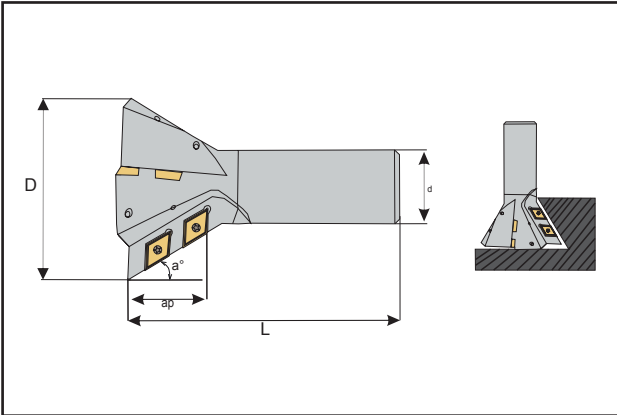
S System Helix end Mills

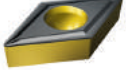


KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° HELİSEL FREZELER	D	Z	d	L	l	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
HT90-AP10-D20-L87-A20-Z06	20	6	20	87	36	28			
HT90-AP10-D25-L105-A25-Z08	25	8	25	105	47	37		SSV	T08
HT90-AP10-D32-L115-A32-Z15	32	15	32	115	54	46		M2,5X7,5	
HT90-AP10-D40-L130-A32-Z18-H	40	18	32	130	64	55			

S SİSTEM KIRLANGIÇ FREZELER

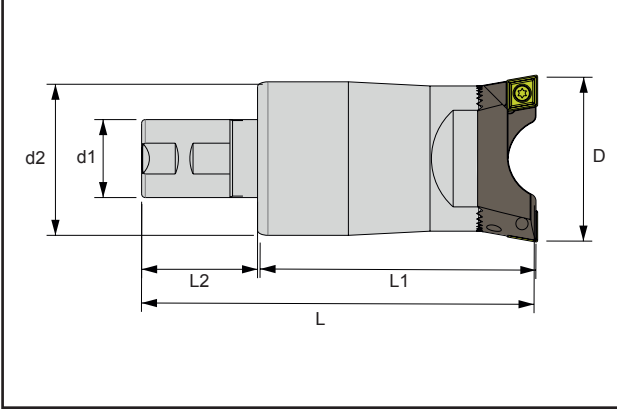
S System Dove Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)						KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
KIRLANGIÇ TAKIMLAR	D	Z	d	L	a°	ap		Sıkma Vidası Clamp Screw	Anahtar Torx Key
BKRF60-DC11-D31.96-L120-Z02	31,96	2	32	120	60	10			
BKRF60-DC11-D40.05-L120-Z02	40,05	2	32	120	60	10		SSV	T15
BKRF60-DC11-D50-L120-Z04	50	4	40	120	60	18		M3,5x9	
BKRF55-DC11-D60-L120-Z04	60	4	40	120	55	24			
BKRF60-DC11-D80-L120-Z04	80	4	40	120	60	34			

AYARLI KABA DELİK İŞLEME BARALARI

Adjustable Rough Boring Heads



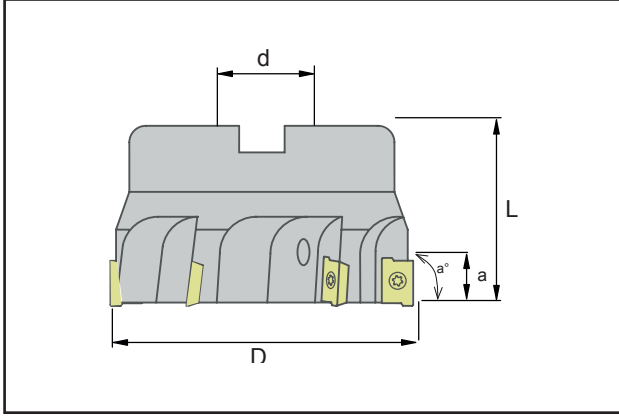
KOD CODE	ÖLÇÜLER DIMENSION (mm)							YEDEK PARÇALAR SPARE PARTS									
BARA TAKIMI	D min	D max	d1	d2	L	L1	L2	Kartuş Cartridge	Elmas Insert	Elmas Vidası Insert Screw	Kartuş Vidası Cartridge Screw	Ayar Vidası Adjustment Screw	Anahtar Key				
																	
SBT-CC06 D20-24 W16 L100	20	24	16	16	100	50	50	KR 20-24	CC..0602	SSV. M2.5X6	BKTV M4X15	BAV M3X4	T08				
SBT-CC06 D20-24 W16 L150	20	24	16	16	150	100	50				KR 24-29			BKTV M5X25			
SBT-CC06 D20-24 W16 L200	20	24	16	16	200	150	50										
SBT-CC06 D24-29 W20 L100	24	29	20	22	100	50	50	KR 29-39				CC..09T3	SSV. M3.5X9	BKTV M6X30	BAV M4X7	T15	
SBT-CC06 D24-29 W20 L150	24	29	20	22	150	100	50				KR 39-49			BAV M4X10			
SBT-CC06 D24-29 W20 L230	24	29	20	22	230	180	50										
SBT-CC09 D29-39 W20 L105	29	39	20	25	105	55	50	KR 49-60	BAV M4X12								
SBT-CC09 D29-39 W20 L155	29	39	20	25	155	105	50			KR 59-79	CC..1204			SSV. M4X10	BKTV M8X30	BAV M5X14	T20
SBT-CC09 D29-39 W25 L230	29	39	25	25	230	175	55										
SBT-CC09 D39-49 W25 L120	39	49	25	32	120	65	55										
SBT-CC09 D39-49 W25 L170	39	49	25	32	170	115	55	KR 89-130									
SBT-CC09 D39-49 W25 L250	39	49	25	32	250	200	55										
SBT-CC09 D49-60 W32 L126	49	60	32	40	126	66	60										
SBT-CC09 D49-60 W32 L176	49	60	32	40	176	116	60										
SBT-CC09 D49-60 W32 L260	49	60	32	40	260	200	60										
SBT-CC12 D59-79 W32 L145	59	79	32	50	145	85	60	KR 59-79	CC..1204	SSV. M4X10		BKTV M8X30	BAV M5X14		T20		
SBT-CC12 D59-79 W32 L195	59	79	32	50	195	135	60				KR 69-89						
SBT-CC12 D59-79 W32 L280	59	79	32	50	280	220	60										
SBT-CC12 D69-89 W32 L145	69	89	32	63	145	85	60	KR 69-89									
SBT-CC12 D69-89 W32 L195	69	89	32	63	195	135	60				KR 89-130						
SBT-CC12 D69-89 W40 L290	69	89	40	63	290	220	70										
SBT-CC12 D89-130 W32 L175	89	130	32	75	175	105	60	KR 89-130									
SBT-CC12 D89-130 W32 L225	89	130	32	75	225	165	60										

I YÜZEY FREZELER

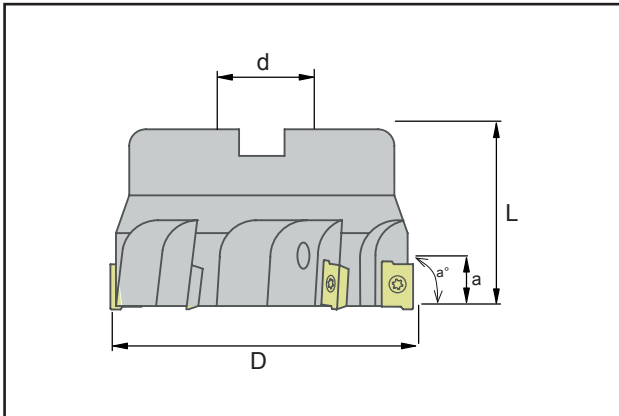
I Face Milling Cutter



YÜZEY FREZELER Face Milling Cutter

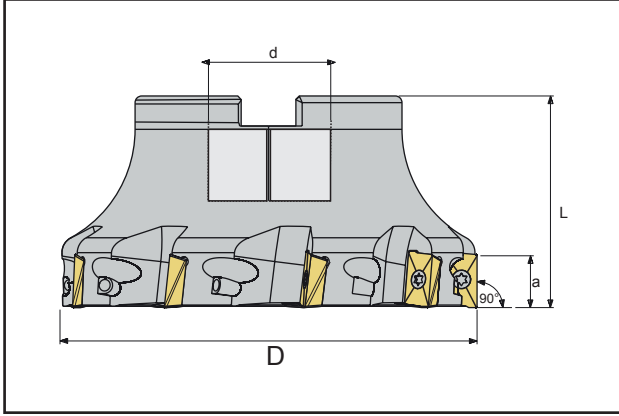


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° APKT-10	D	Z	d	L	a	AP..1003..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	40	5	16	40	10			
	50	6	22	40	10			
	63	7	22	40	10			
	80	8	27	50	10			
	100	9	32	50	10			
	125	11	40	63	10			

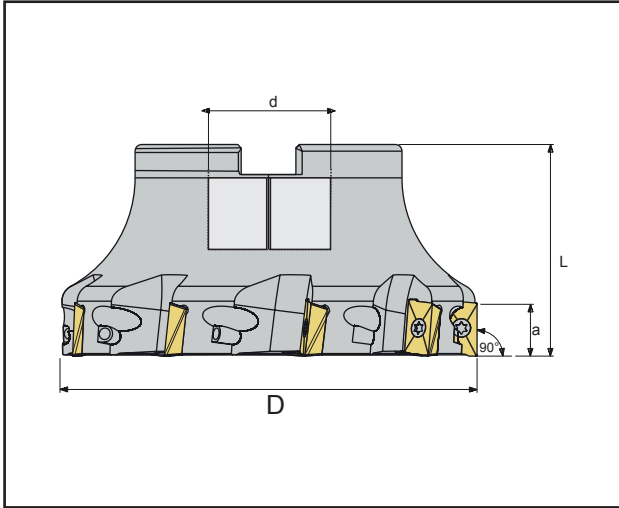


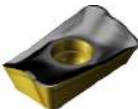
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° APKT-16	D	Z	d	L	a	AP..1604..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	40	4	16	40	16			
	50	5	22	40	16			
	63	6	22	40	16			
	80	7	27	50	16			
	100	8	32	50	16			
	125	9	40	63	16			
	160	10	40	63	16			
	200	12	60	63	16			

YÜZEY FREZELER Face Milling Cutter

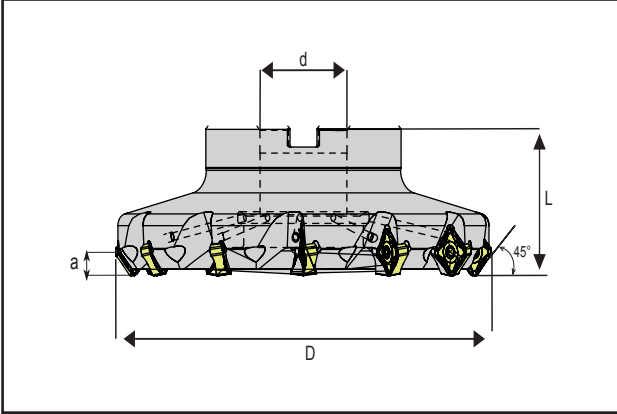


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° ADKT-15	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90-AD1505-D40-A16-Z04-H	40	4	16	40	15	AD..1505..		
TK90-AD1505-D50-A22-Z05-H	50	5	22	40	15		SSV M4x11	T15
TK90-AD1505-D63-A22-Z06-H	63	6	22	40	15			
TK90-AD1505-D80-A27-Z07-H	80	7	27	50	15			
TK90-AD1505-D100-A32-Z08-H	100	8	32	50	15			
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-R390.17T4	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
TK90-R390.11-D40-A16-Z05-H	40	5	16	40	11	R390.11T3	SSV M2,5x7,5	T08
TK90-R390.11-D50-A22-Z06-H	50	6	22	40	11			
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	SSV M3,5x9	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-D40-Z09	125	9	40	63	17			

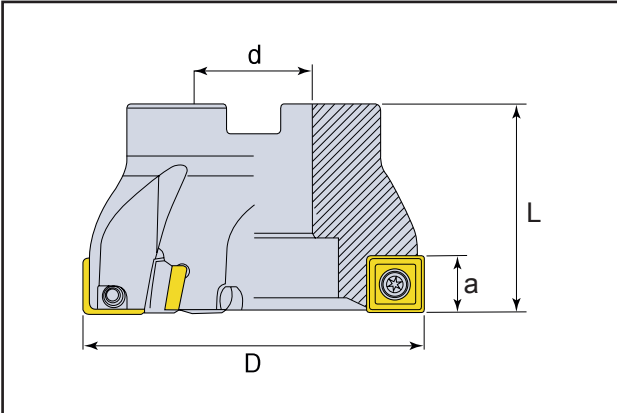
YÜZEY FREZELER Face Milling Cutter



ISO



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK45° SN-1206	D	Z	d	L	a	 SN..1206..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK45-SN1206-D50-A22-Z05-H	50	5	22	40		SSV M4x11	T15
	TK45-SN1206-D63-A22-Z07-H	63	7	22	40			
	TK45-SN1206-D80-A27-Z08-H	80	8	27	50			
	TK45-SN1206-D100-A32-Z10-H	100	10	32	50			
	TK45-SN1206-D125-B40-Z11	125	11	40	63			
	TK45-SN1206-D160-C40-Z12	160	12	40	63			
	TK45-SN1206-D200-C60-Z14	200	14	60	63			

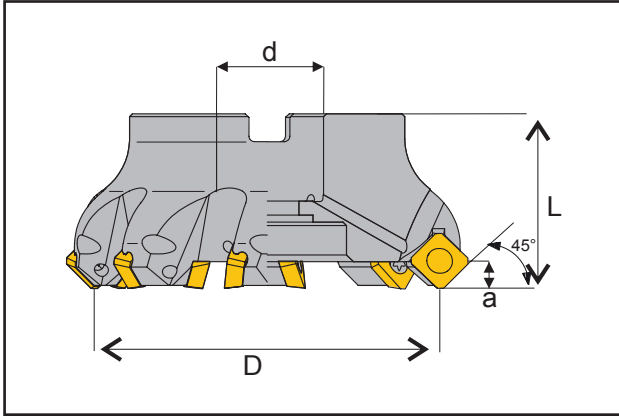


SANDVIK / ZCC

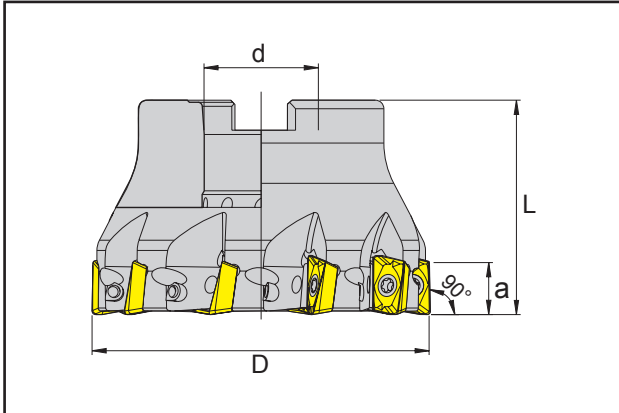


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° R290 - SE12T3	D	Z	d	L	a	 R290 - SE12T3	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90-R290.12-D50-A22-Z04-H	50	4	22	40		SSV M3,5x9	T15
	TK90-R290.12-D63-A22-Z05-H	63	5	22	40			
	TK90-R290.12-D80-A27-Z07-H	80	7	27	50			
	TK90-R290.12-D100-A32-Z09-H	100	9	32	50			
	TK90-R290.12-D125-B40-Z11	125	11	40	63			

YÜZEY FREZELER Face Milling Cutter

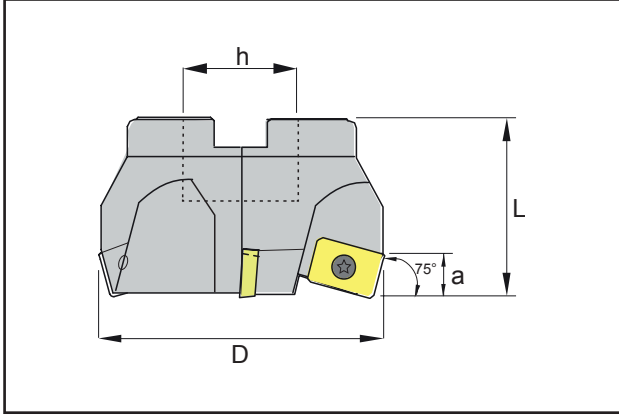


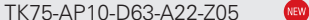
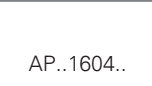
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK45° SE-12T3	D	Z	d	L	a	SE..12T3..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	40	4	22	40	6			
	TK45-SE12T3-D50-A22-Z04-H	40	4	22	40	6	SSV M3,5x9	T15
	TK45-SE12T3-D63-A22-Z05-H	63	5	22	40	6		
	TK45-SE12T3-D80-A27-Z06-H	80	6	27	50	6		
	TK45-SE12T3-D100-A32-Z07-H	100	7	32	50	6		
	TK45-SE12T3-D125-B40-Z08	125	8	40	63	6		
	TK45-SE12T3-D160-C40-Z10	160	10	40	63	6		

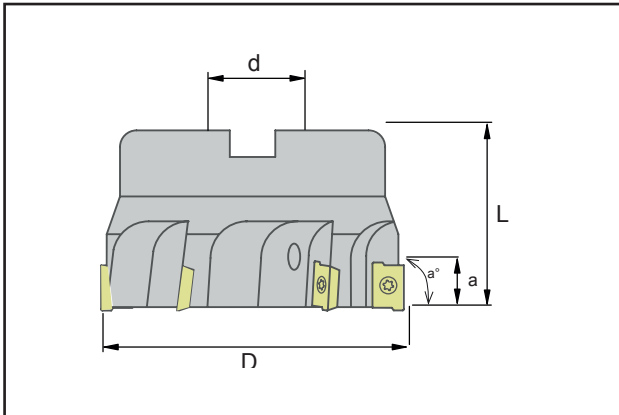


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° XO-1204	D	Z	d	L	a	XO..1204..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	40	5	16	40	11			
	TK90-XO12-D40-A16-Z05	40	5	16	40	11	SSV M3,5x9	T15
	TK90-XO12-D50-A22-Z06	50	6	22	40	11		
	TK90-XO12-D63-A22-Z08	63	8	22	40	11		
	TK90-XO12-D80-A27-Z09	80	9	27	50	11		

YÜZEY FREZELER Face Milling Cutter

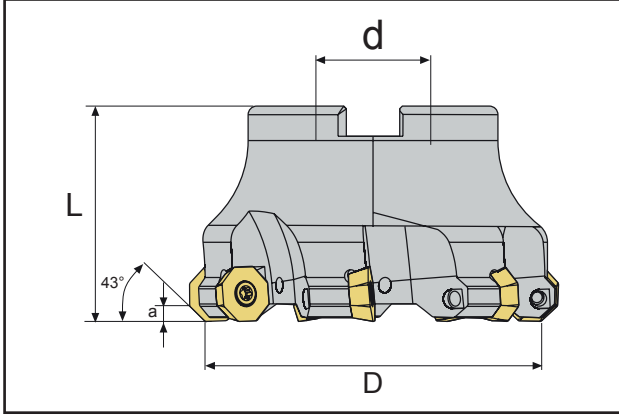


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
TK75° APKT-10-16	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
		63	5	22	40		5		
	TK75-AP10-D80-A27-Z06 	80	6	27	40		5		
	TK75-AP10-D100-A32-Z07 	100	7	32	50		5		
						AP..1003..	SSV M2,5X7	T08	
TK75-AP16-D63-A22-Z04	D	Z	d	L	a		SSV M3,5X9	T15	
	TK75-AP16-D63-A22-Z04	63	4	22	40				10
	TK75-AP16-D80-A27-Z06	80	6	27	40				10
	TK75-AP16-D100-A32-Z07	100	7	32	50				10
	TK75-AP16-D125-B40-Z08	125	8	40	63				10

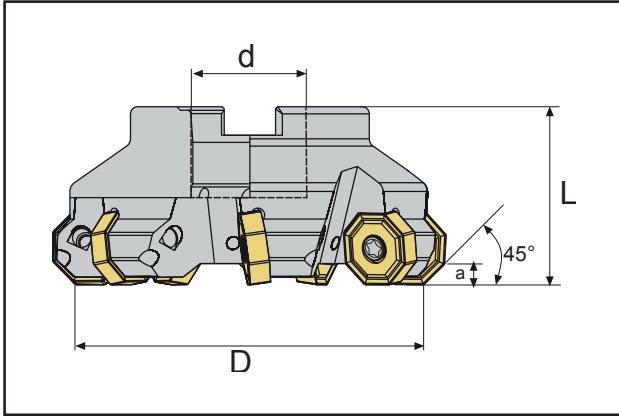


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
TK90° AP17..	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
									
	TK90° AP17 D50 A22 Z05-H	50	5	22	40	16	AP.1705	SSV M3,5X9	T15
	TK90° AP17 D63 A22 Z06-H	63	6	22	40	16			
	TK90° AP17 D80 A27 Z07-H	80	7	27	50	16			
TK90° AP17 D100 A32 Z09-H	100	9	32	50	16				

YÜZEY FREZELER Face Milling Cutter



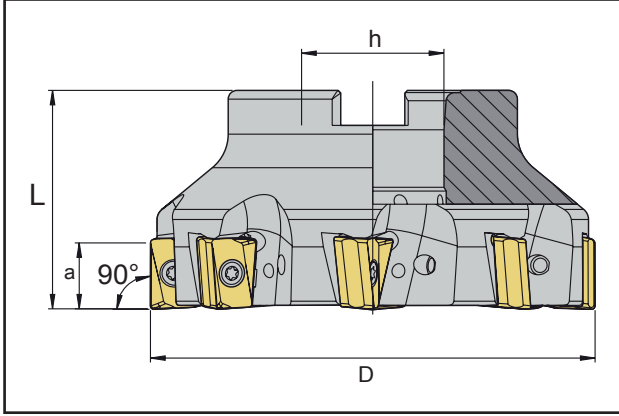
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK43° OD0504	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK43-OD0504-D40-A16-Z04-H	40	4	16	40	3,5	OD..0504..		
TK43-OD0504-D50-A22-Z05-H	50	5	22	40	3,5			
TK43-OD0504-D63-A22-Z06-H	63	6	22	40	3,5			
TK43-OD0504-D80-A27-Z07-H	80	7	27	50	3,5			
TK43-OD0504-D100-A32-Z08-H	100	8	32	50	3,5			



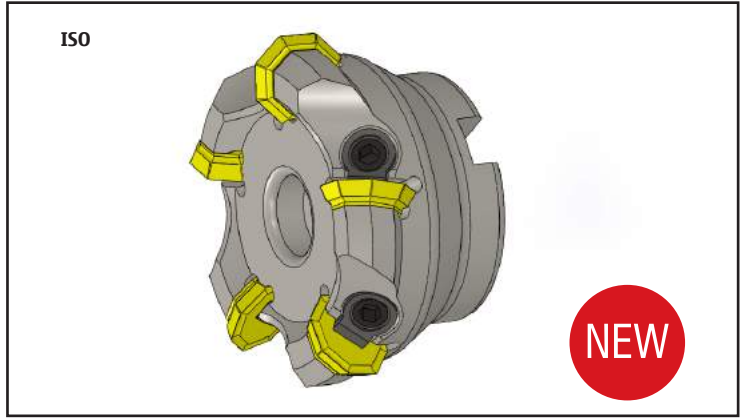
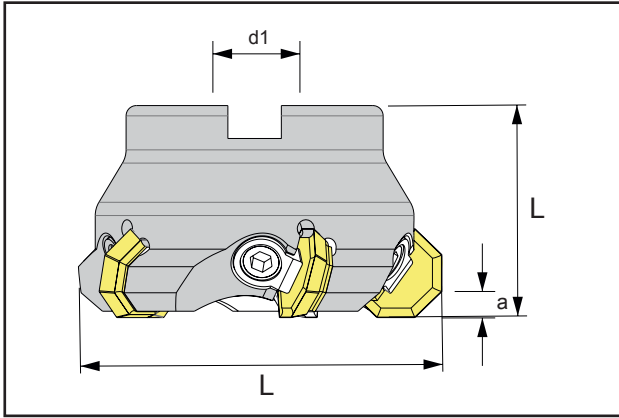
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK45° ON0806	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK45-ON05-D50-A22-Z05-H	50	5	22	40	2,5	ON..0504..		
TK45-ON05-D63-A22-Z06-H	63	6	22	40	2,5			
TK45-ON05-D80-A22-Z07-H	80	7	27	50	2,5			
TK45-ON05-D100-A32-Z08-H	100	8	32	50	2,5			

TK45-ON08-D63-A22-Z05-H	63	5	22	40	4	ON..0806..	SSV M5X11	T20
TK45-ON08-D80-A27-Z06-H	80	6	27	50	4			
TK45-ON08-D100-A32-Z07-H	100	7	32	50	4			
TK45-ON08-D125-B40-Z08	125	8	40	63	4			
TK45-ON08-D160-C40-Z10	160	10	40	63	4			
TK45-ON08-D200-C60-Z12	200	12	60	63	4			

YÜZEY FREZELER Face Milling Cutter

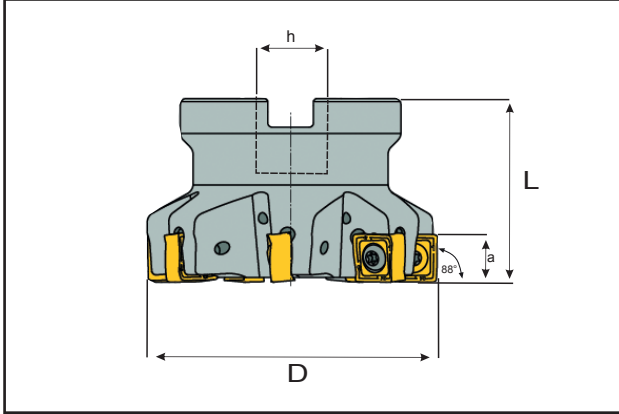


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° LN.X 1307	D	Z	d	L	a	 LN.X..1307..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
								
	TK90-LN13-D50-A22-Z05	50	5	22	40		SSV M3,5x9	T15
	TK90-LN13-D63-A22-Z06	63	6	22	40			
	TK90-LN13-D80-A27-Z07	80	7	27	50			
	TK90-LN13-D100-A32-Z08	100	8	32	50			
	TK90-LN13-D125-C40-Z10	125	10	40	63			

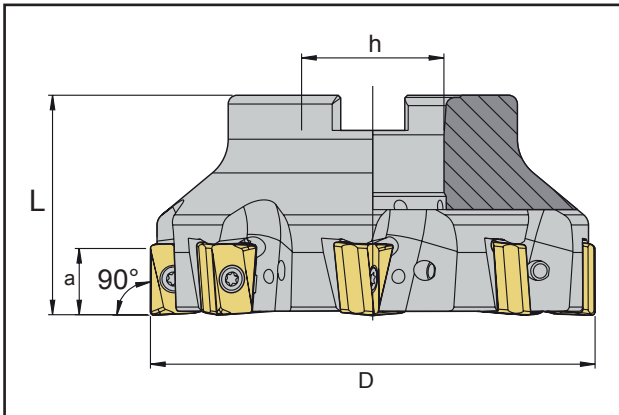


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
OF07T3 TARAMA KAFASI	D	Z	d	L	a	 ISO OF07T3	Baskı Parçası Clamp	Sıkma Vidası Screw	Anahtar Torx Key
									
	TK43° OF07T3 D50 A22 Z05-H	50	5	22	40		TKBP-1	TKSV-1 M8x1x20	AA5
	TK43° OF07T3 D63 A22 Z06-H	63	6	22	40				
	TK43° OF07T3 D80 A27 Z07-H	80	7	27	50				
	TK43° OF07T3 D100 A32 Z08-H	100	8	32	50				
	TK43° OF07T3 D125 B40 Z09-H	125	9	40	63				

YÜZEY FREZELER Face Milling Cutter

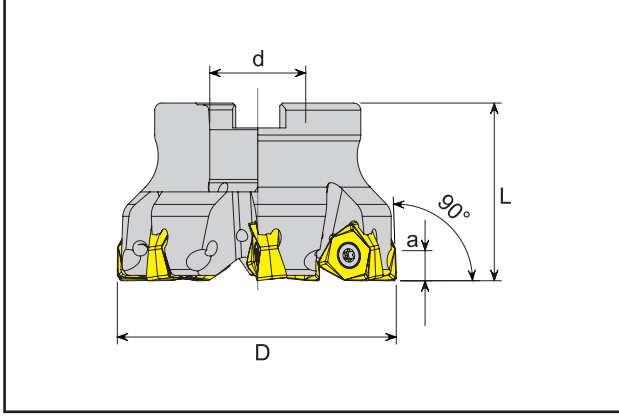


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK88° SN1206	D	Z	d	L	a	 SN..1206..	Sıkma Vidası Screw	Anahtar Torx Key
	TK88-SN12-D63-A22-Z06-H	63	6	22	40	10	 SSV M4X11	 T15
	TK88-SN12-D80-A27-Z07-H	80	7	27	50	10		
	TK88-SN12-D100-A32-Z09-H	100	9	32	50	10		
	TK88-SN12-D125-B40-Z10	125	10	40	63	10		
	TK88-SN12-D160-C40-Z11	160	11	40	63	10		
	TK88° SN12 D200 C60 Z14	200	14	60	63	10		



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° AN.X1607	D	Z	d	L	a	 AN.X..1607..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
	TK90°-AN16-D50-A22-Z04-H	50	4	22	40	15	 SSV M4X9	 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		

YÜZEY FREZELER Face Milling Cutter

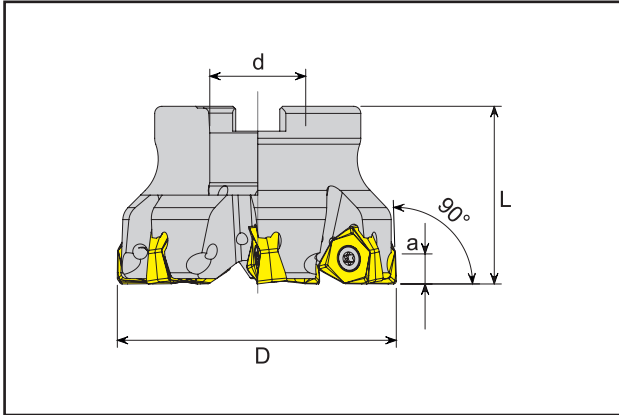


VANDURIT



NEW

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



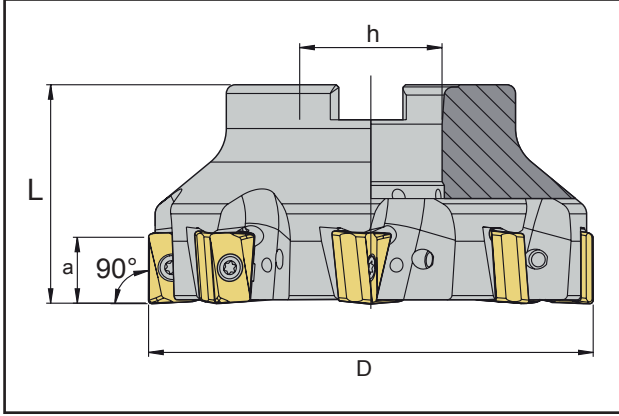
KYOCERA
JD



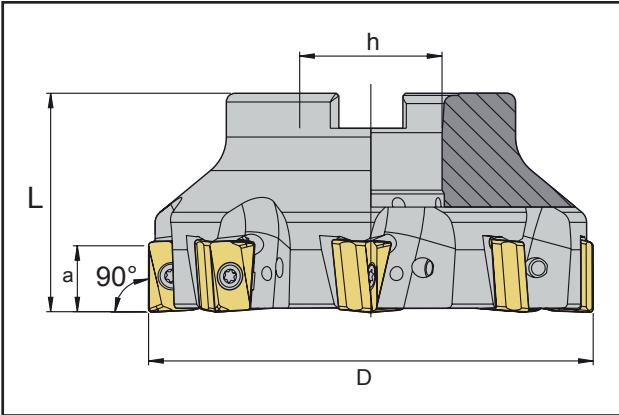
NEW

KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TK90° WN0806	D	Z	d	L	a	 WN..0806..	Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90-WN08-D50-A22-Z04	50	4	22	40	8			
TK90-WN08-D63-A22-Z05	63	5	22	40	8		SSV M5x14	T15
TK90-WN08-D80-A27-Z07	80	7	27	50	8			

YÜZEY FREZELER Face Milling Cutter

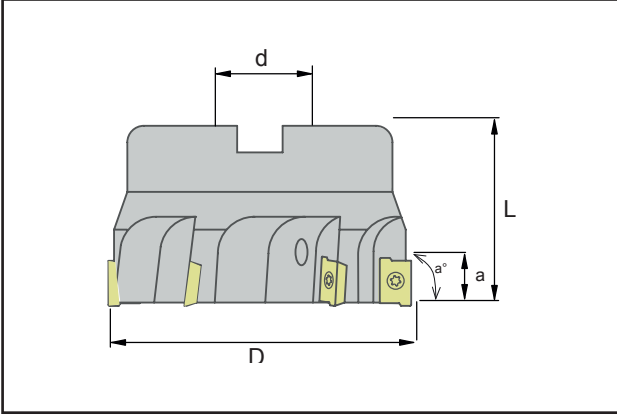


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
LNMX10 TARAMA KAFASI	D	Z	d	L	a	 LNMX10	Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° LN10 D40 A16 Z05-H	40	5	16	40	9			
TK90° LN10 D50 A22 Z06-H	50	6	22	40	9		SSV M3X9	T08
TK90° LN10 D63 A22 Z07-H	63	7	22	40	9			

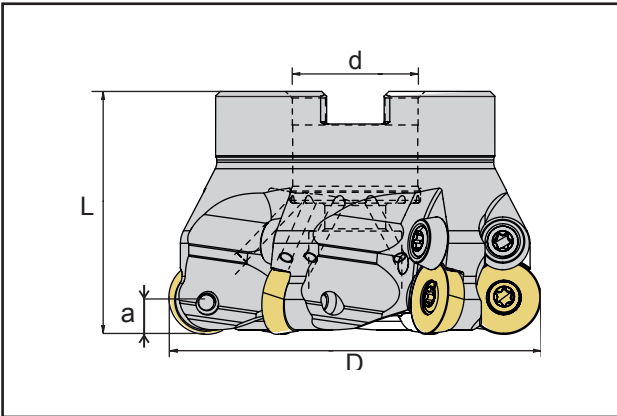


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
LNMX15 TARAMA KAFASI	D	Z	d	L	a	 LNMX15	Sıkma Vidası Clamp Screw	Anahtar Torx Key
TK90° LN15 D50 A22 Z05-H	50	5	22	40	14			
TK90° LN15 D63 A22 Z06-H	63	6	22	40	14			
TK90° LN15 D80 A27 Z07-H	80	7	27	50	14		SSV M4X11	T15
TK90° LN15 D100 A32 Z09-H	100	9	32	63	14			

YÜZEY FREZELER Face Milling Cutter

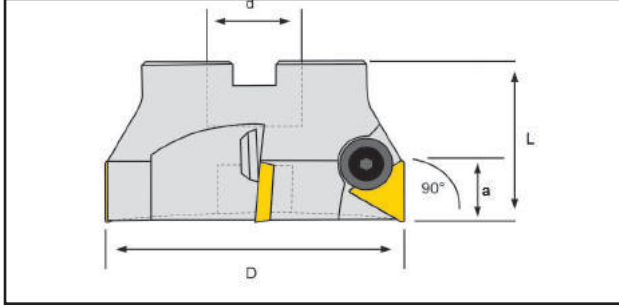


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
AX12-17 TARAMA KAFASI	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
									
	TK90° AX12 D40 A16 Z05-H	40	5	16	40	11	AXMT12	SSV M3x9	T08
	TK90° AX12 D50 A22 Z06-H	50	6	22	40	11			
	TK90° AX12 D63 A22 Z07-H	63	7	22	40	11			
	TK90° AX12 D80 A27 Z09-H	80	9	27	50	11			
	TK90° AX17 D40 A16 Z04-H	40	4	16	40	16	AXMT17	SSV M4X11	T15
	TK90° AX17 D50 A22 Z05-H	50	5	22	40	16			
	TK90° AX17 D63 A22 Z06-H	63	6	22	40	16			
	TK90° AX17 D80 A27 Z07-H	80	7	27	50	16			
TK90° AX17 D100 A32 Z08-H	100	8	32	50	16				



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
QPMT10-12 TARAMA KAFASI	D	Z	d	L	a		Sıkma Vidası Clamp Screw	Anahtar Torx Key
	TK QP10T3 D40 A16 Z04-H	40	4	16	40			
	TK QP10T3 D50 A22 Z05-H	50	5	22	40		SSV M3,5X7	T15
	TK QP10T3 D63 A22 Z06-H	63	6	22	40		SSV M4X11	T15
	TK QP10T3 D80 A27 Z07-H	80	7	27	50			
TK QP1204 D63 A22 Z06-H	63	6	22	40	6	QPMT1204	SSV M4X11	T15
TK QP1204 D80 A27 Z07-H	80	7	27	50	6			
TK QP1204 D100 A32 Z09-H	100	9	32	50	6			

YÜZEY FREZELER Face Milling Cutter

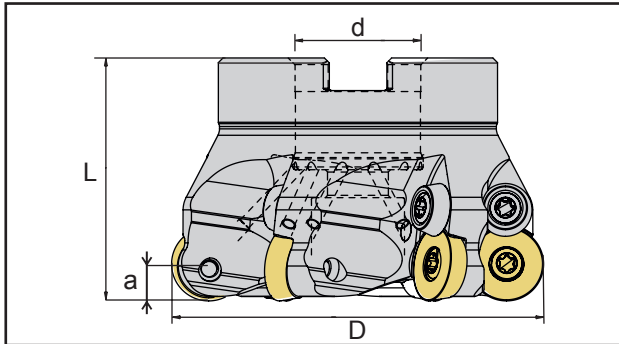


ISO



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
TPKN 1603-2205	D	Z	d	L	a	 TPKN..1603..	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	45	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	45	18	TPKN..2205..	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			
TK90-TP22-D200-C60-Z11	200	11	60	63	18			



ISO



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS			
RDMT 1003	D	Z	d	L	a	 RD..1003..	Sıkma Vidası Screw	Baskı Kepi Clamp	Kep Vidası Clamp Screw	Anahtar Torx Key
	TK-RD1003-D40-A16-Z04	40	4	16	40	5	 SSV M3,5x9	 RTBP-1	 SSV M3,5x9	 T15
	TK-RD1003-D50-A22-Z05	50	5	22	50	5				
	TK-RD1003-D63-A22-Z06	63	6	22	50	5				
	TK-RD1003-D80-A27-Z07	80	7	27	50	5				
	TK-RD1003-D100-A32-Z08	100	8	32	50	5				
	TK-RD1003-D125-B40-Z09	125	9	40	63	5				

TK-RD12T3-D40-A16-Z04	40	4	16	40	6	RD..12T3..	SSV M3,5x9	RTBP-1	SSV M3,5x9	T15
TK-RD12T3-D50-A22-Z05	50	5	22	50	6					
TK-RD12T3-D63-A22-Z06	63	6	22	50	6					
TK-RD12T3-D80-A27-Z07	80	7	27	50	6					
TK-RD12T3-D100-A32-Z08	100	8	32	50	6					
TK-RD12T3-D125-B40-Z09	125	9	40	63	6					

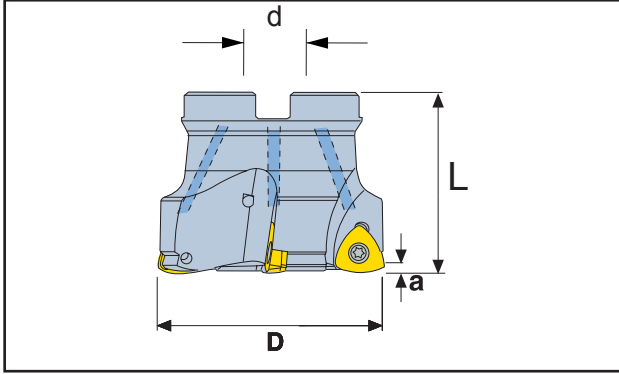
I HIZLI İLERLEMELİ YÜZEY FREZELER

I High Feed Face Milling Cutter

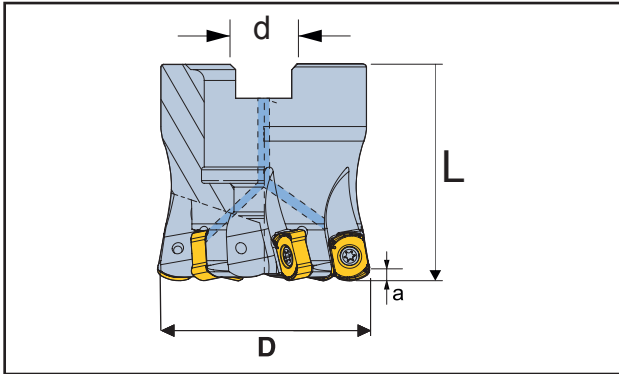


HIZLI İLERLEMELİ YÜZEY FREZELER

High Feed Face Milling Cutter

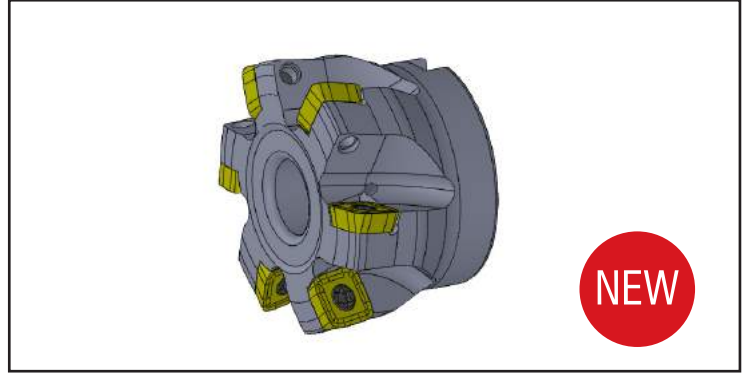
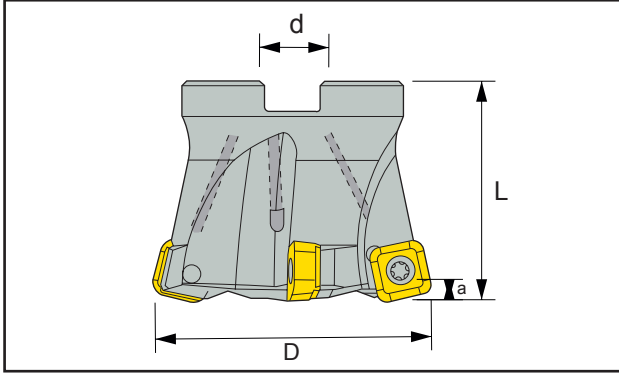


KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK-WNMX09 HIGH FEED	D	Z	d	L	a	 WNMX09	Sıkma Vidası Clamp Screw	Anahtar Allen Key
	40	4	16	40	1.5			
	50	5	22	40	1.5		SSV. M3X7	T08
	63	6	22	40	1.5			



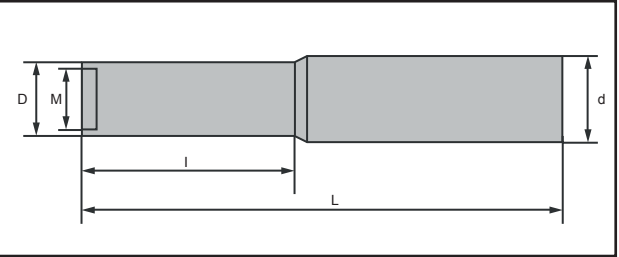
KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK-BLMP09 HIGH FEED	D	Z	d	L	a	 BLMP09	Sıkma Vidası Clamp Screw	Anahtar Allen Key
	40	5	16	40	2			
	50	6	22	40	2		SSV. M3,5X7	T15
	63	7	22	40	2			

HIZLI İLERLEME FREZELERİ High-Feed End Mills



KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK-SD..09T3 HIGH FEED	D	Z	d	L	a	 SD..09T3 LAMINA	Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	HTK SD09 D40 A16 Z04-H	40	4	16	40		SSV. M3,5X7	T15
	HTK SD09 D50 A22 Z05-H	50	5	22	40			
HTK SD09 D63 A22 Z06-H	63	6	22	40	1.4			

KOD CODE	ÖLÇÜLER DIMENSION (mm)					KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
HTK-SD12 HIGH FEED	D	Z	d	L	a	 SDMT12 ZCC	Sıkma Vidası Clamp Screw	Anahtar Allen Key
								
	HTK SD1204 D50 A22 Z05-H	50	5	22	40		SSV. M4X11	T15
	HTK SD1204 D63 A22 Z06-H	63	6	22	40			



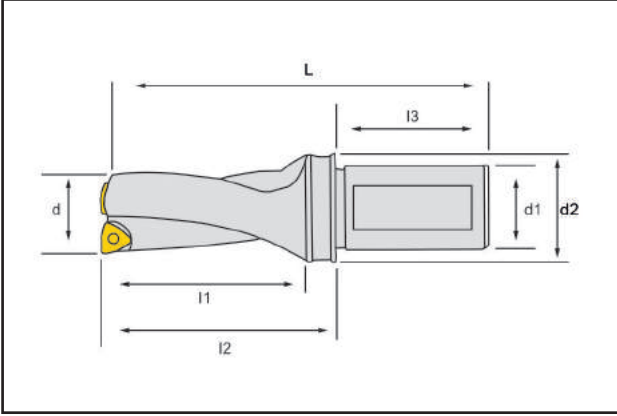
KOD CODE	ÖLÇÜLER DIMENSION (mm)				
MODULER TAKIM TUTUCULARI	D	d	M	L	I
SMVT D18 C20 M10 L120-H	18	20	10	120	60
SMVT D18 C20 M10 L170-H	18	20	10	170	90
SMVT D24 C25 M16 L160-H	24	25	16	160	80
SMVT D24 C25 M16 L200-H	24	25	16	200	100
SMVT D24 C25 M16 L250-H	24	25	16	250	150
SMVT D31 C32 M16 L160-H	31	32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

I DEĞİŞKEN UÇLU MATKAPLAR

I U-Drill



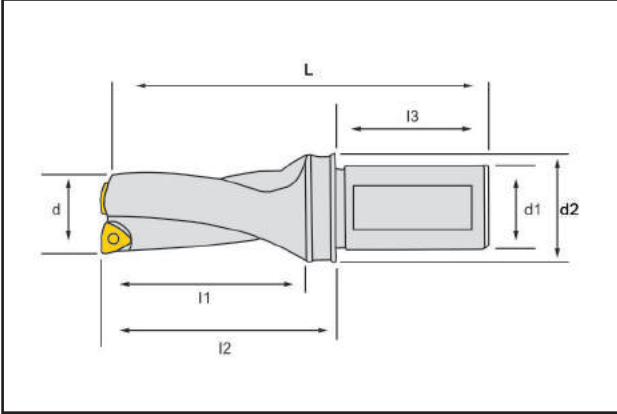
DEĞİŞKEN UÇLU MATKAPLAR U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
WCMX D2 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16xD2 WCM.030208	16	25	34	108	32	52	56	WCM.030208	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 18 xD2 WCM.030208	18	25	34	113	36	57	56			
SDUM 18,5 xD2 WCM.030208	18,5	25	34	115	37	59	56			
SDUM 19 xD2 WCM.030208	19	25	34	115	38	59	56			
SDUM 19,5 xD2 WCM.030208	19,5	25	34	119	39	63	56			
SDUM 20 xD2 WCM.040208	20	25	34	119	40	63	56	WCM.040208	SSV M2,5x7	T08
SDUM 20,5 xD2 WCM.040208	20,5	25	34	121	41	65	56			
SDUM 21 xD2 WCM.040208	21	25	34	121	42	65	56			
SDUM 21,5 xD2 WCM.040208	21,5	25	34	123	43	67	56			
SDUM 22 xD2 WCM.040208	22	25	34	123	44	67	56			
SDUM 22,5 xD2 WCM.040208	22,5	25	34	127	45	71	56			
SDUM 23 xD2 WCM.040208	23	25	34	127	46	71	56			
SDUM 23,5 xD2 WCM.040208	23,5	25	34	130	47	74	56			
SDUM 24 xD2 WCM.050308	24	25	44	130	48	74	56	WCM.050308	SSV M3,5x9	T08
SDUM 24,5 xD2 WCM.050308	24,5	25	44	133	49	77	56			
SDUM 25 xD2 WCM.050308	25	25	44	133	50	77	56			
SDUM 25,5 xD2 WCM.050308	25,5	25	44	135	51	79	56			
SDUM 26 xD2 WCM.050308	26	25	44	135	52	79	56			
SDUM 26,5 xD2 WCM.050308	26,5	25	44	137	53	81	56			
SDUM 27 xD2 WCM.050308	27	25	44	137	54	81	56			
SDUM 27,5 xD2 WCM.050308	27,5	25	44	140	55	84	56			
SDUM 28 xD2 WCM.050308	28	25	44	140	56	84	56			
SDUM 28,5 xD2 WCM.050308	28,5	25	44	142	57	86	56			
SDUM 29 xD2 WCM.050308	29	25	44	142	58	86	56			
SDUM 29,5 xD2 WCM.050308	29,5	25	44	151	59	91	56			

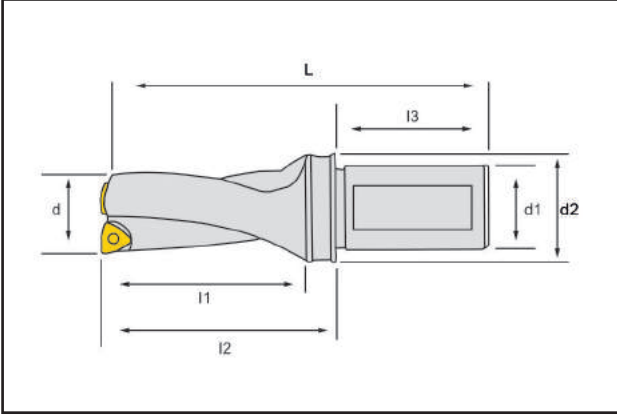
DEĞİŞKEN UÇLU MATKAPLAR

U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
WCMX D2 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 30 xD2 WCM.06T308	30	32	44	151	60	91	60	WCM.06T308	SSV M3,5x9	T15
SDUM 31 xD2 WCM.06T308	31	32	44	154	62	94	60			
SDUM 32 xD2 WCM.06T308	32	32	44	156	64	96	60			
SDUM 33 xD2 WCM.06T308	33	32	44	159	66	99	60			
SDUM 34 xD2 WCM.06T308	34	32	44	161	68	101	60			
SDUM 35 xD2 WCM.06T308	35	32	44	164	70	104	60			
SDUM 36 xD2 WCM.06T308	36	32	44	167	72	107	60			
SDUM 37 xD2 WCM.06T308	37	32	44	170	74	110	60			
SDUM 38 xD2 WCM.06T308	38	32	44	173	76	113	60			
SDUM 39 xD2 WCM.06T308	39	32	44	175	78	115	60			
SDUM 40 xD2 WCM.06T308	40	32	44	178	80	118	60			
SDUM 41 xD2 WCM.06T308	41	32	44	181	82	121	60			
SDUM 42 xD2 WCM.06T308	42	32	44	183	84	123	60			
SDUM 43 xD2 WCM.06T308	43	32	44	186	86	126	60			
SDUM 44 xD2 WCM.06T308	44	32	44	188	88	128	60			
SDUM 45 xD2 WCM.080412	45	40	54	202	90	132	70	WCM.080412	SSV M4x11	T15
SDUM 46 xD2 WCM.080412	46	40	54	205	92	135	70			
SDUM 47 xD2 WCM.080412	47	40	54	207	94	137	70			
SDUM 48 xD2 WCM.080412	48	40	54	210	96	140	70			
SDUM 49 xD2 WCM.080412	49	40	54	212	98	142	70			
SDUM 50 xD2 WCM.080412	50	40	54	215	100	145	70			
SDUM 51 xD2 WCM.080412	51	40	60	217	102	147	70			
SDUM 52 xD2 WCM.080412	52	40	60	220	104	150	70			
SDUM 53 xD2 WCM.080412	53	40	60	222	106	152	70			
SDUM 54 xD2 WCM.080412	54	40	60	225	108	155	70			
SDUM 55 xD2 WCM.080412	55	40	60	227	110	157	70			
SDUM 56 xD2 WCM.080412	56	40	60	230	112	160	70			
SDUM 57 xD2 WCM.080412	57	40	60	232	114	162	70			
SDUM 58 xD2 WCM.080412	58	40	60	235	116	165	70			
SDUM 59 xD2 WCM.080412	59	40	60	237	118	167	70			
SDUM 60 xD2 WCM.080412	60	40	60	240	120	170	70			

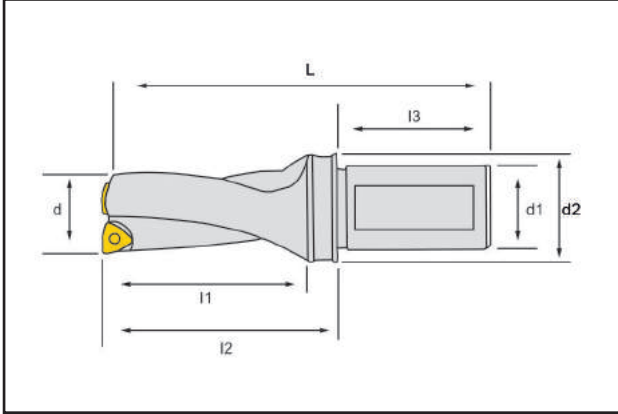
DEĞİŞKEN UÇLU MATKAPLAR U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
WCMX D3 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16 xD3 WCM.030208	16	25	34	108	48	68	56	WCM.030208	SSV M2,5x7	T08
SDUM 16,5 xD3 WCM.030208	16,5	25	34	110	49,5	71	56			
SDUM 17 xD3 WCM.030208	17	25	34	110	51	71	56			
SDUM 17,5 xD3 WCM.030208	17,5	25	34	113	52,5	75	56			
SDUM 18 xD3 WCM.030208	18	25	34	113	54	75	56			
SDUM 18,5 xD3 WCM.030208	18,5	25	34	115	55,5	78	56			
SDUM 19 xD3 WCM.030208	19	25	34	115	57	78	56			
SDUM 19,5 xD3 WCM.030208	19,5	25	34	119	58,5	83	56			
SDUM 20 xD3 WCM.040208	20	25	34	119	60	83	56	WCM.040208	SSV M2,5x7	T08
SDUM 20,5 xD3 WCM.040208	20,5	25	34	121	61,5	86	56			
SDUM 21 xD3 WCM.040208	21	25	34	121	63	86	56			
SDUM 21,5 xD3 WCM.040208	21,5	25	34	123	64,5	89	56			
SDUM 22 xD3 WCM.040208	22	25	34	123	66	89	56			
SDUM 22,5 xD3 WCM.040208	22,5	25	34	127	67,5	94	56			
SDUM 23 xD3 WCM.040208	23	25	34	127	69	94	56			
SDUM 23,5 xD3 WCM.040208	23,5	25	34	130	70,5	98	56			
SDUM 24 xD3 WCM.050308	24	25	44	130	72	98	56	WCM.050308	SSV M3x9	T08
SDUM 24,5 xD3 WCM.050308	24,5	25	44	133	73,5	102	56			
SDUM 25 xD3 WCM.050308	25	25	44	133	75	102	56			
SDUM 25,5 xD3 WCM.050308	25,5	25	44	135	76,5	105	56			
SDUM 26 xD3 WCM.050308	26	25	44	135	78	105	56			
SDUM 26,5 xD3 WCM.050308	26,5	25	44	137	79,5	108	56			
SDUM 27 xD3 WCM.050308	27	25	44	137	81	108	56			
SDUM 27,5 xD3 WCM.050308	27,5	25	44	140	82,5	112	56			
SDUM 28 xD3 WCM.050308	28	25	44	140	84	112	56			
SDUM 28,5 xD3 WCM.050308	28,5	25	44	142	85,5	115	56			
SDUM 29 xD3 WCM.050308	29	25	44	142	87	115	56			
SDUM 29,5 xD3 WCM.050308	29,5	25	44	151	88,5	121	56			

DEĞİŞKEN UÇLU MATKAPLAR

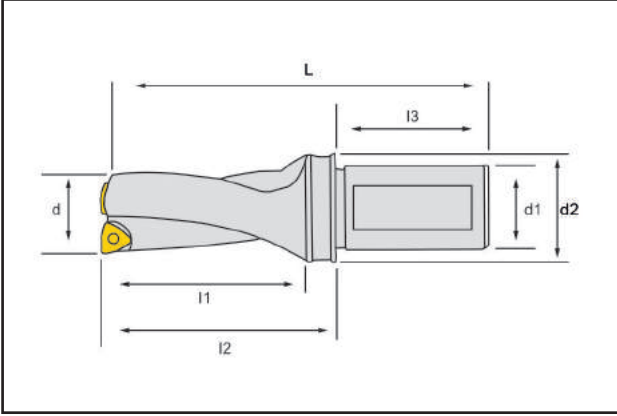
U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
WCMX D3 U-DRILL	d	d1	d2	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 30 xD3 WCM.06T308	30	32	44	151	90	121	60	WCM.06T308	SSV M3,5x9	T15
SDUM 31 xD3 WCM.06T308	31	32	44	154	93	125	60			
SDUM 32 xD3 WCM.06T308	32	32	44	156	96	128	60			
SDUM 33 xD3 WCM.06T308	33	32	44	159	99	132	60			
SDUM 34 xD3 WCM.06T308	34	32	44	161	102	135	60			
SDUM 35 xD3 WCM.06T308	35	32	44	164	105	139	60			
SDUM 36 xD3 WCM.06T308	36	32	44	167	108	143	60			
SDUM 37 xD3 WCM.06T308	37	32	44	170	111	147	60			
SDUM 38 xD3 WCM.06T308	38	32	44	173	114	151	60			
SDUM 39 xD3 WCM.06T308	39	32	44	175	117	154	60			
SDUM 40 xD3 WCM.06T308	40	32	44	178	120	158	60			
SDUM 41 xD3 WCM.06T308	41	32	44	181	123	162	60			
SDUM 42 xD3 WCM.06T308	42	32	44	183	126	165	60			
SDUM 43 xD3 WCM.06T308	43	32	44	186	129	169	60			
SDUM 44 xD3 WCM.06T308	44	32	44	188	132	172	60			
SDUM 45 xD3 WCM.080412	45	40	54	202	135	177	70	WCM.080412	SSV M4x11	T15
SDUM 46 xD3 WCM.080412	46	40	54	205	138	181	70			
SDUM 47 xD3 WCM.080412	47	40	54	207	141	184	70			
SDUM 48 xD3 WCM.080412	48	40	54	210	144	188	70			
SDUM 49 xD3 WCM.080412	49	40	54	212	147	191	70			
SDUM 50 xD3 WCM.080412	50	40	54	215	150	195	70			
SDUM 51 xD3 WCM.080412	51	40	60	217	153	198	70			
SDUM 52 xD3 WCM.080412	52	40	60	220	156	201	70			
SDUM 53 xD3 WCM.080412	53	40	60	222	159	204	70			
SDUM 54 xD3 WCM.080412	54	40	60	225	162	207	70			
SDUM 55 xD3 WCM.080412	55	40	60	227	165	210	70			
SDUM 56 xD3 WCM.080412	56	40	60	230	168	213	70			
SDUM 57 xD3 WCM.080412	57	40	60	232	171	216	70			
SDUM 58 xD3 WCM.080412	58	40	60	235	174	219	70			
SDUM 59 xD3 WCM.080412	59	40	60	237	177	222	70			
SDUM 60 xD3 WCM.080412	60	40	60	240	180	225	70			

DEĞİŞKEN UÇLU MATKAPLAR

U -Drill



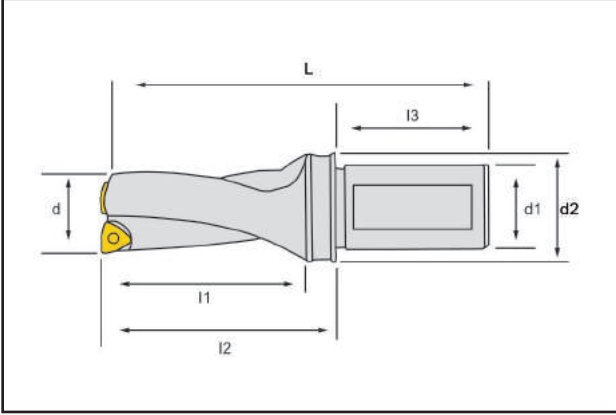
KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
WCMX D4 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 16xD4 WCM.030208	16	25	34	140	64	84	56	WCM.030208	SSV M2,5x6	T08
SDUM 16,5xD4 WCM.030208	16,5	25	34	140	64	84	56			
SDUM 17xD4 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	WCM.040208	SSV M2,5x7	T08
SDUM 20,5xD4 WCM.040208	20,5	25	34	159	80	103	56			
SDUM 21xD4 WCM.040208	21	25	34	163	84	107	56			
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	WCM.050308	SSV M3x9	T08
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			
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	WCM.06T308	SSV M3,5x9	T15
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			
SDUM 33xD4 WCM.06T308	33	32	44	225	132	165	60			
SDUM 33,5xD4 WCM.06T308 NEW	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			

DEĞİŞKEN UÇLU MATKAPLAR

U -Drill

KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	d	d1	d2	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
WCMX D4 U-DRILL										
SDUM 38xD4 WCM.06T308	38	32	44	249	152	189	60	WCM.06T308	SSV M3,5X9	T15
SDUM 38,5xD4 WCM.06T308 NEW	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	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			

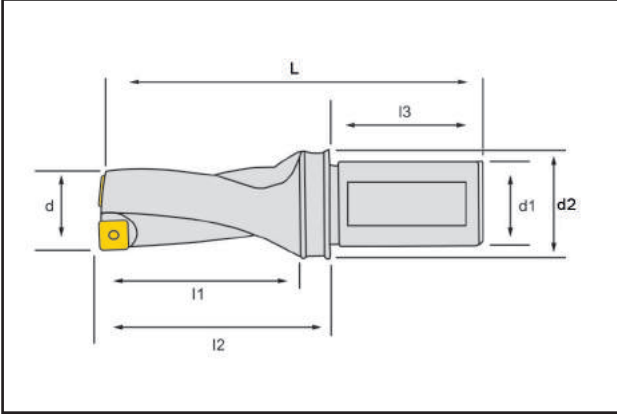
DEĞİŞKEN UÇLU MATKAPLAR U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
WCMX D5 U-DRILL										
SDUM 16xD5 WCM.030208	16	25	34	156	80	100	56	WCM.030208	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			
SDUM 20xD5 WCM.040208	20	25	34	179	100	123	56	WCM.040208	SSV M2,5x7	T08
SDUM 21xD5 WCM.040208	21	25	34	184	105	128	56			
SDUM 22xD5 WCM.040208	22	25	34	189	110	133	56			
SDUM 23xD5 WCM.040208	23	25	34	193	115	137	56			
SDUM 24xD5 WCM.050308	24	25	34	198	120	142	56	WCM.050308	SSV M3x9	T08
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	WCM.06T308	SSV M3,5x9	T15
SDUM 29xD5 WCM.050308	29	25	34	220	145	166	56			
SDUM 30xD5 WCM.06T308	30	32	44	224	150	171	60			
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			

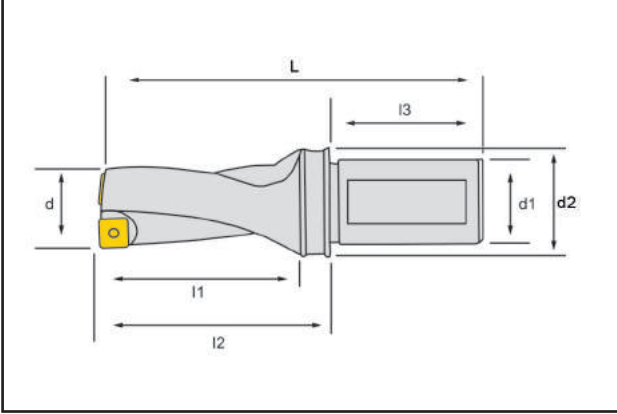
DEĞİŞKEN UÇLU MATKAPLAR

U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMT D2 U-DRILL	d	d1	d2	L	l1	l2	l3		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
SDUM 13 xD2 SPMT.050203	13	20	25	94	26	44	50	SPMT.050203		
SDUM 13,5 xD2 SPMT.050203	13,5	20	25	96	27	46	50			
SDUM 14 xD2 SPMT.050203	14	20	25	96	28	46	50			
SDUM 14,5 xD2 SPMT.050203	14,5	20	25	99	29	49	50			
SDUM 15 xD2 SPMT.050203	15	20	25	99	30	49	50			
SDUM 15,5 xD2 SPMT.050203	15,5	20	25	102	31	52	50			
SDUM 16 xD2 SPMT.060204	16	25	34	108	32	52	56	SPMT.060204		
SDUM 16,5 xD2 SPMT.060204	16,5	25	34	110	33	54	56			
SDUM 17 xD2 SPMT.060204	17	25	34	110	34	54	56			
SDUM 17,5 xD2 SPMT.060204	17,5	25	34	113	35	57	56			
SDUM 18 xD2 SPMT.060204	18	25	34	113	36	57	56			
SDUM 18,5 xD2 SPMT.060204	18,5	25	34	115	37	59	56			
SDUM 19 xD2 SPMT.060204	19	25	34	115	38	59	56			
SDUM 19,5 xD2 SPMT.060204	19,5	25	34	119	39	63	56			
SDUM 20 xD2 SPMT.060204	20	25	34	119	40	63	56			
SDUM 20,5 xD2 SPMT.060204	20,5	25	34	121	41	65	56			
SDUM 21 xD2 SPMT.060204	21	25	34	121	42	65	56			
SDUM 21,5 xD2 SPMT.060204	21,5	25	34	123	43	67	56			
SDUM 22 xD2 SPMT.070204	22	25	34	123	44	67	56	SPMT.070204		
SDUM 22,5 xD2 SPMT.070204	22,5	25	34	127	45	71	56			
SDUM 23 xD2 SPMT.070204	23	25	34	127	46	71	56			
SDUM 23,5 xD2 SPMT.070204	23,5	25	34	130	47	74	56			
SDUM 24 xD2 SPMT.070204	24	25	34	130	48	74	56			
SDUM 24,5 xD2 SPMT.070204	24,5	25	34	133	49	77	56			
SDUM 25 xD2 SPMT.070204	25	25	34	133	50	77	56			

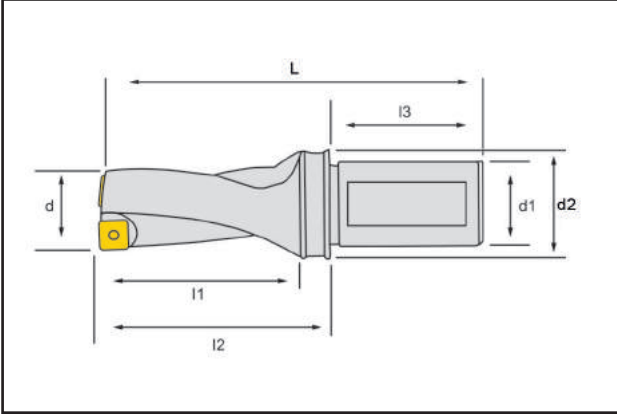
DEĞİŞKEN UÇLU MATKAPLAR U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS		
SPMT D3-D4 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key	
											
SDUM 13 xD3 SPMT.050203	13	20	25	107	39	57	50	SPMT.050203	SSV M2x6	T06	D3
SDUM 13,5 xD3 SPMT.050203	13,5	20	25	110	40,5	60	50				
SDUM 14 xD3 SPMT.050203	14	20	25	110	42	60	50				
SDUM 14,5 xD3 SPMT.050203	14,5	20	25	113	43,5	63	50				
SDUM 15 xD3 SPMT.050203	15	20	25	113	45	63	50				
SDUM 15,5 xD3 SPMT.050203	15,5	20	25	118	46,5	68	50	SPMT.060204	SSV M2,2x6	T07	
SDUM 16 xD3 SPMT.060204	16	25	34	124	48	68	56				
SDUM 16,5 xD3 SPMT.060204	16,5	25	34	127	49,5	71	56				
SDUM 17 xD3 SPMT.060204	17	25	34	127	51	71	56				
SDUM 17,5 xD3 SPMT.060204	17,5	25	34	131	52,5	75	56				
SDUM 18 xD3 SPMT.060204	18	25	34	131	54	75	56				
SDUM 18,5 xD3 SPMT.060204	18,5	25	34	134	55,5	78	56				
SDUM 19 xD3 SPMT.060204	19	25	34	134	57	78	56				
SDUM 19,5 xD3 SPMT.060204	19,5	25	34	139	58,5	83	56				
SDUM 20 xD3 SPMT.060204	20	25	34	139	60	83	56				
SDUM 20,5 xD3 SPMT.060204	20,5	25	34	144	61,5	86	56	SPMT.070204	SSV M2,5x7,5	T08	
SDUM 21 xD3 SPMT.060204	21	25	34	144	63	86	56				
SDUM 21,5 xD3 SPMT.060204	21,5	25	34	145	64,5	89	56				
SDUM 22 xD3 SPMT.070204	22	25	34	145	66	89	56				
SDUM 22,5 xD3 SPMT.070204	22,5	25	34	150	67,5	94	56				
SDUM 23 xD3 SPMT.070204	23	25	34	150	69	94	56				
SDUM 23,5 xD3 SPMT.070204	23,5	25	34	154	70,5	98	56				
SDUM 24 xD3 SPMT.070204	24	25	34	154	72	98	56	SPMT.050203	SSV M2x6	T06	D4
SDUM 24,5 xD3 SPMT.070204	24,5	25	34	158	73,5	102	56				
SDUM 25 xD3 SPMT.070204	25	25	34	158	75	102	56				
SDUM 13 xD4 SPMT.050203	13	20	25	120	52	70	50				
SDUM 14 xD4 SPMT.050203	14	20	25	124	56	74	50	SPMT.060204	SSV M2,26	T07	
SDUM 15 xD4 SPMT.050203	15	20	25	128	60	78	50				
SDUM 16 xD4 SPMT.060204	16	25	34	140	64	84	56				
SDUM 17 xD4 SPMT.060204	17	25	34	144	68	88	56				
SDUM 18 xD4 SPMT.060204	18	25	34	149	72	93	56				
SDUM 19 xD4 SPMT.060204	19	25	34	153	76	97	56	SPMT.070204	SSV M2,5x7,5	T08	
SDUM 20 xD4 SPMT.060204	20	25	34	159	80	103	56				
SDUM 21 xD4 SPMT.060204	21	25	34	163	84	107	56				
SDUM 22 xD4 SPMT.070204	22	25	34	167	88	111	56				
SDUM 23 xD4 SPMT.070204	23	25	34	173	92	117	56				
SDUM 24 xD4 SPMT.070204	24	25	34	178	96	122	56				
SDUM 25 xD4 SPMT.070204	25	25	34	183	100	127	56				

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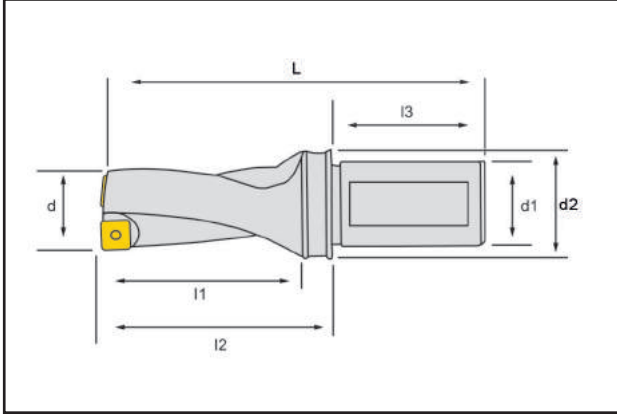
U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMG D2 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 12,5 xD2 SPMG.050204	12,5	20	25	94	25	44	50	SPMG.050204	SSV M2x6	T06
SDUM 13 xD2 SPMG.050204	13	20	25	94	26	44	50			
SDUM 13,5 xD2 SPMG.050204	13,5	20	25	96	27	46	50			
SDUM 14 xD2 SPMG.050204	14	20	25	96	28	46	50			
SDUM 14,5 xD2 SPMG.050204	14,5	20	25	99	29	49	50			
SDUM 15 xD2 SPMG.050204	15	20	25	99	30	49	50			
SDUM 15,5 xD2 SPMG.060204	15,5	20	34	102	31	52	56	SPMG.060204	SSV M2,2x6	T07
SDUM 16 xD2 SPMG.060204	16	25	34	108	32	52	56			
SDUM 16,5 xD2 SPMG.060204	16,5	25	34	110	33	54	56			
SDUM 17 xD2 SPMG.060204	17	25	34	110	34	54	56			
SDUM 17,5 xD2 SPMG.060204	17,5	25	34	113	35	57	56			
SDUM 18 xD2 SPMG.060204	18	25	34	113	36	57	56			
SDUM 18,5 xD2 SPMG.060204	18,5	25	34	115	37	59	56			
SDUM 19 xD2 SPMG.060204	19	25	34	115	38	59	56			
SDUM 19,5 xD2 SPMG.060204	19,5	25	34	119	39	63	56			
SDUM 20 xD2 SPMG.060204	20	25	34	119	40	63	56			
SDUM 20,5 xD2 SPMG.060204	20,5	25	34	121	41	65	56			
SDUM 21 xD2 SPMG.060204	21	25	34	121	42	65	56			
SDUM 21,5 xD2 SPMG.060204	21,5	25	34	123	43	67	56			
SDUM 22 xD2 SPMG.07T308	22	25	34	123	44	67	56	SPMG.07T308	SSV M2,5x7	T08
SDUM 22,5 xD2 SPMG.07T308	22,5	25	34	127	45	71	56			
SDUM 23 xD2 SPMG.07T308	23	25	34	127	46	71	56			
SDUM 23,5 xD2 SPMG.07T308	23,5	25	34	130	47	74	56			
SDUM 24 xD2 SPMG.07T308	24	25	34	130	48	74	56			
SDUM 24,5 xD2 SPMG.07T308	24,5	25	34	133	49	77	56			
SDUM 25 xD2 SPMG.07T308	25	25	34	133	50	77	56			
SDUM 25,5 xD2 SPMG.07T308	25,5	25	34	135	51	79	56			
SDUM 26 xD2 SPMG.07T308	26	25	34	135	52	79	56			

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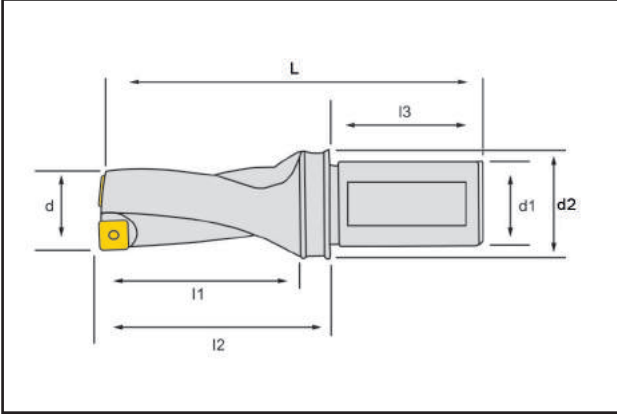
U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
SPMG D2 U-DRILL										
SDUM 26,5 xD2 SPMG.07T308	26,5	25	34	137	53	81	56	SPMG.07T308	SSV M2,5x7	T008
SDUM 27 xD2 SPMG.07T308	27	25	34	137	54	81	56			
SDUM 27,5 xD2 SPMG.07T308	27,5	25	34	140	55	84	56			
SDUM 28 xD2 SPMG.090408	28	25	34	140	56	84	56	SPMG.090408	SSV M3,5x9	T15
SDUM 28,5 xD2 SPMG.090408	28,5	25	34	142	57	86	56			
SDUM 29 xD2 SPMG.090408	29	25	34	142	58	86	56			
SDUM 29,5 xD2 SPMG.090408	29,5	25	34	147	59	91	56			
SDUM 30 xD2 SPMG.090408	30	32	44	151	60	91	60			
SDUM 31 xD2 SPMG.090408	31	32	44	154	62	94	60			
SDUM 32 xD2 SPMG.090408	32	32	44	156	64	96	60			
SDUM 33 xD2 SPMG.090408	33	32	44	159	66	99	60	SPMG.110408	SSV M4x11	T15
SDUM 34 xD2 SPMG.110408	34	32	44	161	68	101	60			
SDUM 35 xD2 SPMG.110408	35	32	44	164	70	104	60			
SDUM 36 xD2 SPMG.110408	36	32	44	167	72	107	60			
SDUM 37 xD2 SPMG.110408	37	32	44	170	74	110	60			
SDUM 38 xD2 SPMG.110408	38	32	44	173	76	113	60			
SDUM 39 xD2 SPMG.110408	39	32	44	175	78	115	60			
SDUM 40 xD2 SPMG.110408	40	32	44	178	80	118	60	SPMG.140512	SSV M5x11	T20
SDUM 41 xD2 SPMG.110408	41	32	44	181	82	121	60			
SDUM 42 xD2 SPMG.140512	42	32	44	183	84	123	60			
SDUM 43 xD2 SPMG.140512	43	32	44	186	86	126	60			
SDUM 44 xD2 SPMG.140512	44	32	44	188	88	128	60			
SDUM 45 xD2 SPMG.140512	45	40	54	202	90	132	60			
SDUM 46 xD2 SPMG.140512	46	40	54	205	92	135	70			
SDUM 47 xD2 SPMG.140512	47	40	54	207	94	137	70			
SDUM 48 xD2 SPMG.140512	48	40	54	210	96	140	70			
SDUM 49 xD2 SPMG.140512	49	40	54	212	98	142	70			
SDUM 50 xD2 SPMG.140512	50	40	54	215	100	145	70			

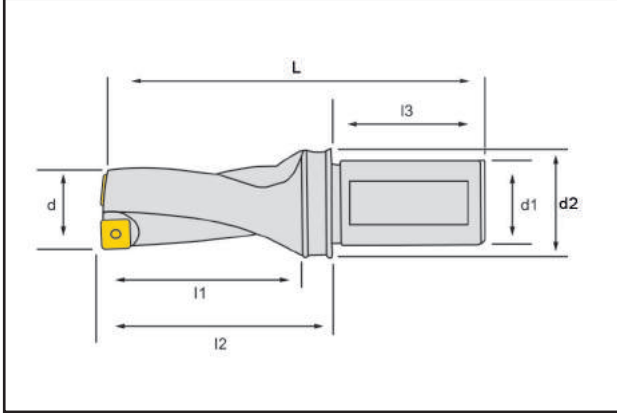
DEĞİŞKEN UÇLU MATKAPLAR

U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMG D3 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
	SDUM 12,5 xD3 SPMG.050204	12,5	20	25	107	37	57		SSV M2x6	T06
	SDUM 13 xD3 SPMG.050204	13	20	25	107	39	57			
	SDUM 13,5 xD3 SPMG.050204	13,5	20	25	110	40,5	60			
	SDUM 14 xD3 SPMG.050204	14	20	25	110	42	60			
	SDUM 14,5 xD3 SPMG.050204	14,5	20	25	113	43,5	63			
	SDUM 15 xD3 SPMG.050204	15	20	25	113	45	63			
SPMG.060204	SDUM 15,5 xD3 SPMG.060204	15,5	20	25	124	46,5	68		SSV M2,2x6	T07
	SDUM 16 xD3 SPMG.060204	16	25	34	124	48	68			
	SDUM 16,5 xD3 SPMG.060204	16,5	25	34	127	49,5	71			
	SDUM 17 xD3 SPMG.060204	17	25	34	127	51	71			
	SDUM 17,5 xD3 SPMG.060204	17,5	25	34	130	52,5	75			
	SDUM 18 xD3 SPMG.060204	18	25	34	130	54	75			
	SDUM 18,5 xD3 SPMG.060204	18,5	25	34	134	55,5	78			
	SDUM 19 xD3 SPMG.060204	19	25	34	134	57	78			
	SDUM 19,5 xD3 SPMG.060204	19,5	25	34	139	58,5	83			
	SDUM 20 xD3 SPMG.060204	20	25	34	139	60	83			
	SDUM 20,5 xD3 SPMG.060204	20,5	25	34	142	61,5	86			
	SDUM 21 xD3 SPMG.060204	21	25	34	142	63	86			
	SDUM 21,5 xD3 SPMG.060204	21,5	25	34	145	64,5	89			
	SDUM 22 xD3 SPMG.07T308	22	25	34	145	66	89			
SPMG.07T308	SDUM 22,5 xD3 SPMG.07T308	22,5	25	34	150	67,5	94		SSV M2,5x7	T08
	SDUM 23 xD3 SPMG.07T308	23	25	34	150	69	94			
	SDUM 23,5 xD3 SPMG.07T308	23,5	25	34	154	70,5	98			
	SDUM 24 xD3 SPMG.07T308	24	25	34	158	72	98			
	SDUM 24,5 xD3 SPMG.07T308	24,5	25	34	158	73,5	102			
	SDUM 25 xD3 SPMG.07T308	25	25	34	161	75	102			
	SDUM 25,5 xD3 SPMG.07T308	25,5	25	34	161	76,5	105			
	SDUM 26 xD3 SPMG.07T308	26	25	34	164	78	105			

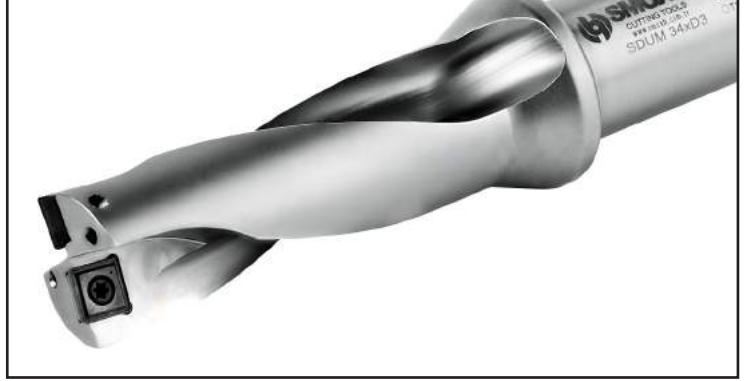
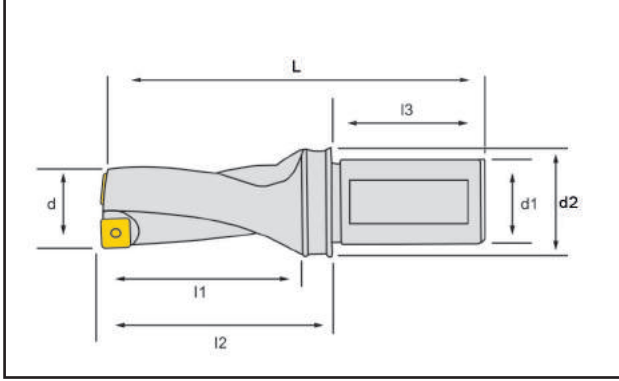
DEĞİŞKEN UÇLU MATKAPLAR U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMG D3 U-DRILL	d	d1	d2	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 26,5 xD3 SPMG.07T308	26,5	25	44	164	79,5	108	56	SPMG.07T308	SSV M2,5x7	T008
SDUM 27 xD3 SPMG.07T308	27	25	44	164	81	108	56			
SDUM 27,5 xD3 SPMG.07T308	27,5	25	44	168	82,5	112	56			
SDUM 28 xD3 SPMG.090408	28	25	44	168	84	112	56	SPMG.090408	SSV M3,5x9	T15
SDUM 28,5 xD3 SPMG.090408	28,5	25	44	171	85,5	115	56			
SDUM 29 xD3 SPMG.090408	29	25	44	171	87	115	56			
SDUM 29,5 xD3 SPMG.090408	29,5	25	44	177	88,5	121	56			
SDUM 30 xD3 SPMG.090408	30	32	44	181	90	121	60			
SDUM 31 xD3 SPMG.090408	31	32	44	185	93	125	60			
SDUM 32 xD3 SPMG.090408	32	32	44	188	96	128	60			
SDUM 33 xD3 SPMG.090408	33	32	44	192	99	132	60	SPMG.110408	SSV M4x11	T15
SDUM 34 xD3 SPMG.110408	34	32	44	195	102	135	60			
SDUM 35 xD3 SPMG.110408	35	32	44	199	105	139	60			
SDUM 36 xD3 SPMG.110408	36	32	44	203	108	143	60			
SDUM 37 xD3 SPMG.110408	37	32	44	207	111	147	60			
SDUM 38 xD3 SPMG.110408	38	32	44	211	114	151	60			
SDUM 39 xD3 SPMG.110408	39	32	44	214	117	154	60			
SDUM 40 xD3 SPMG.110408	40	32	44	218	120	158	60	SPMG.140512	SSV M5x11	T20
SDUM 41 xD3 SPMG.110408	41	32	44	222	123	162	60			
SDUM 42 xD3 SPMG.140512	42	32	44	225	126	165	60			
SDUM 43 xD3 SPMG.140512	43	32	44	229	129	169	60			
SDUM 44 xD3 SPMG.140512	44	32	44	232	132	172	60			
SDUM 45 xD3 SPMG.140512	45	40	54	247	135	177	70			
SDUM 46 xD3 SPMG.140512	46	40	54	251	138	181	70			
SDUM 47 xD3 SPMG.140512	47	40	54	254	141	184	70			
SDUM 48 xD3 SPMG.140512	48	40	54	258	144	188	70			
SDUM 49 xD3 SPMG.140512	49	40	54	261	147	191	70			
SDUM 50 xD3 SPMG.140512	50	40	54	265	150	195	70			
SDUM 51 xD3 SPMG.140512	51	40	60	268	153	198	70			
SDUM 52 xD3 SPMG.140512	52	40	60	271	156	201	70			
SDUM 53 xD3 SPMG.140512	53	40	60	274	159	204	70			
SDUM 54 xD3 SPMG.140512	54	40	60	277	162	207	70			
SDUM 55 xD3 SPMG.140512	55	40	60	280	165	210	70			
SDUM 56 xD3 SPMG.140512	56	40	60	283	168	213	70			
SDUM 57 xD3 SPMG.140512	57	40	60	286	171	216	70			
SDUM 58 xD3 SPMG.140512	58	40	60	289	174	219	70			
SDUM 59 xD3 SPMG.140512	59	40	60	292	177	222	70			
SDUM 60 xD3 SPMG.140512	60	40	60	295	180	225	70			

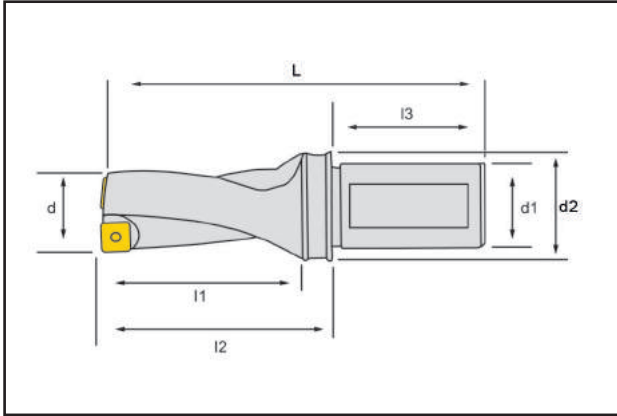
DEĞİŞKEN UÇLU MATKAPLAR

U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMG D4 U-DRILL	d	d1	d2	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 13xD4 SPMG.050204	13	20	25	120	52	70	50	SPMG.050204	SSV M2x6	T06
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	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	SPMG.07T308	SSV M2,5x7	T08
SDUM 21xD4 SPMG.060204	21	25	34	163	84	107	56			
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	SPMG.090408	SSV M3,5x9	T15
SDUM 26xD4 SPMG.07T308	26	25	34	187	104	131	56			
SDUM 26,5xD4 SPMG.07T308	26,5	25	34	187	104	131	56			
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 33,5xD4 SPMG.090408 NEW		
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			

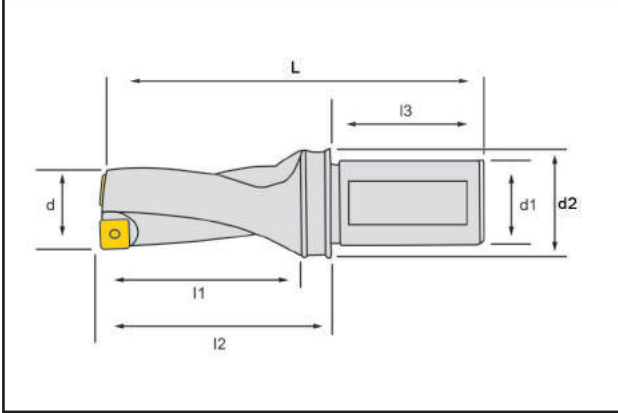
DEĞİŞKEN UÇLU MATKAPLAR U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMG D4 U-DRILL	d	d1	d2	L	I1	I2	I3		Sıkma Vidası Clamp Screw 	Anahtar Torx Key 
SDUM 34xD4 SPMG.110408	34	32	44	229	136	169	60	SPMG.110408	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 NEW	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	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

U -Drill



KOD CODE	ÖLÇÜLER DIMENSION (mm)							KESİCİ UÇ INSERT	YEDEK PARÇALAR SPARE PARTS	
SPMG D5 U-DRILL	d	d1	d2	L	l1	l2	l3		Sıkma Vidası Clamp Screw	Anahtar Torx Key
										
SDUM 13xD5 SPMG.050204	13	20	25	135	65	85	50	SPMG.050204	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	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	SSV M2,5x6	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			
SDUM 27xD5 SPMG.07T308	27	25	34	212	135	156	56	SPMG.090408	SSV M3,5x9	T15
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	SPMG.140512	SSV M3,5x9	T15
SDUM 31xD5 SPMG.090408	31	32	44	245	155	185	60			
SDUM 32xD5 SPMG.090408	32	32	44	250	160	190	60			
SDUM 33xD5 SPMG.090408	33	32	44	255	165	195	60	SPMG.110408	SSV M4x11	T15
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			

TIRTIR ve PUNTALAMA TAKIMLARI Center Tools



KOD CODE	ÖLÇÜLER DIMENSION (mm)			
CNC PUNTA	h	b	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	b	L	f
25x25 CNC TIRTIR KATERİ	25	25	150	12,5
20x20 CNC TIRTIR KATERİ	20	20	125	10



I DEĞİŞKEN UÇLU MATKAPLAR

I U-Drill

YEDEK PARÇALAR Spare Parts

ÜRÜN KODU / PRODUCT CODES		BASKI PABUÇLARI / CLAMP PARTS
	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

ÜRÜN KODU / PRODUCT CODES		BASKI PABUÇ VİDALARI / CLAMP SCREW
	TSBV M5X23,5	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 BASKI PABUCU / OFER 07 CLAMP

YEDEK PARÇALAR

Spare Parts

ÜRÜN KODU / PRODUCT CODES		KÜRE PARMAK FREZE VİDALARI / BALL NOSE END MILLS SCREW
	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

ÜRÜN KODU / PRODUCT CODES		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

ÜRÜN KODU / PRODUCT CODES	ALTILIKLAR / SHIMS
 BAX DN11	DNMG 11 ALTILIK/SHIM
 BAX DN15	DNMG 15 ALTILIK/SHIM
 BAX CN12	CNMG 12 ALTILIK/SHIM
 BAX CN16	CNMG 16 ALTILIK/SHIM
 BAX CN19	CNMG 19 ALTILIK/SHIM
 BAX WN08	WNMG 08 ALTILIK/SHIM
 BAX SN12	SNMG 12 ALTILIK/SHIM
 BAX SN15	SNMG 15 ALTILIK/SHIM
 BAX TN16	TNMG 16 ALTILIK/SHIM
 BAX TN22	TNMG 22 ALTILIK/SHIM
 BAX VN16	VNMG 16 ALTILIK/SHIM
 BAX DC11	DCMT 11 ALTILIK/SHIM
 BAX SC09	SCMT 09 ALTILIK/SHIM
 BAX SC12	SCMT 12 ALTILIK/SHIM
 BAX CC09	CCMT 09 ALTILIK/SHIM
 BAX CC12	CCMT 12 ALTILIK/SHIM
 BAX VB16	VBMT 16 ALTILIK/SHIM
 BAX TC16	TCMT 16 ALTILIK/SHIM
 BAX VC16	VCMT 16 ALTILIK/SHIM
 BAX KN16-R/L	KNUX 16-R/L ALTILIK/SHIM

YEDEK PARÇALAR

Spare Parts

ÜRÜN KODU / PRODUCT CODES		S SİSTEM VİDALAR / S SYSTEM SCREWS
	SSV M2X4	
	SSV M2,2X6	
	SSV M2.5X7	
	SSV M3X9	
	SSV M3.5X9	
	SSV M3.5X11	
	SSV M3.5X14	
	SSV M4X9	
	SSV M4X11	
	SSV M4X15	
	SSV M5X12	

YEDEK PARÇALAR Spare Parts

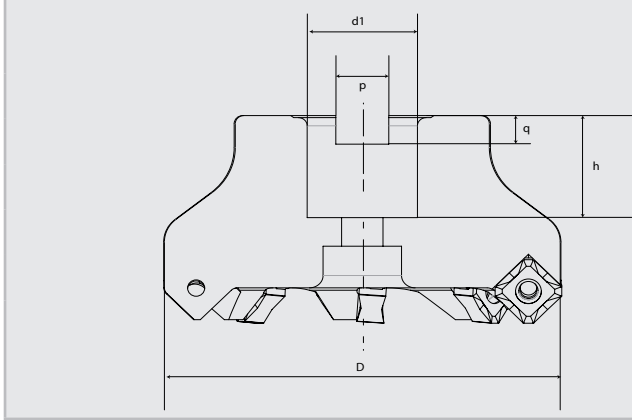
ÜRÜN KODU / PRODUCT CODES	ALTLIK VİDALARI / SHIM SCREWS
 TSAV-M4X10	DNMG 15, CNMG 12, SNMG 12, VNMG 16, WNMG 08 ALTLIK VİDASI / SHIM SCREW
 TSAV-M6X10X9	CNMG16, SNMG 15, ALTLIK VİDASI / SHIM SCREW
 TSAV-M6X11X9	CNMG 19
 SBV-M5X05 A3.15X11	DCMT 11, VBMT 16, SCMT 09, CCMT 09, TCMT 16, ER/L 16
 SBV-M6X0,75 A4,5X11	SCMT 12, CCMT 12, ER/L 22
 CSP 6.5x12	PUL/STAMP
 CSS1	SEKMAN / RING

ÜRÜN KODU / PRODUCT CODES	TORK VE ALYAN ANAHTARLAR / TORX AND ALLEN KEYS
 T06	TORK ANAHTAR / TORX KEYS
 T07	TORK ANAHTAR / TORX KEYS
 T08	TORK ANAHTAR / TORX KEYS
 T15	TORK ANAHTAR / TORX KEYS
 T20	TORK ANAHTAR / TORX KEYS
 AA3	ALYAN ANAHTAR / ALLEN KEYS
 AA4	ALYAN ANAHTAR / ALLEN KEYS
 AA5	ALYAN ANAHTAR / ALLEN KEYS
 AA6	ALYAN ANAHTAR / ALLEN KEYS

TARAMA BAŞLIĞI MONTAJ ÖLÇÜLERİ

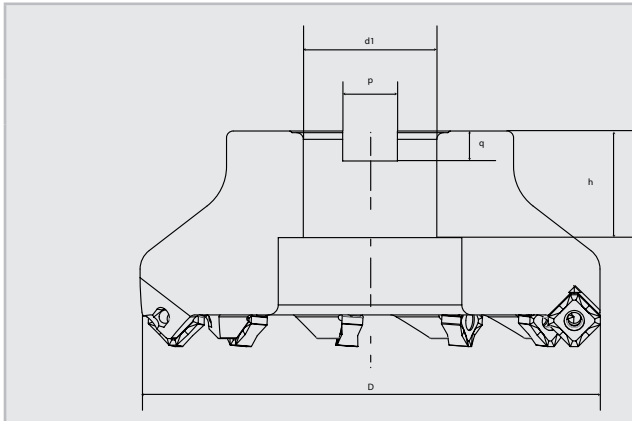
Face Mill Mounting Dimensions

A TİP / A Type



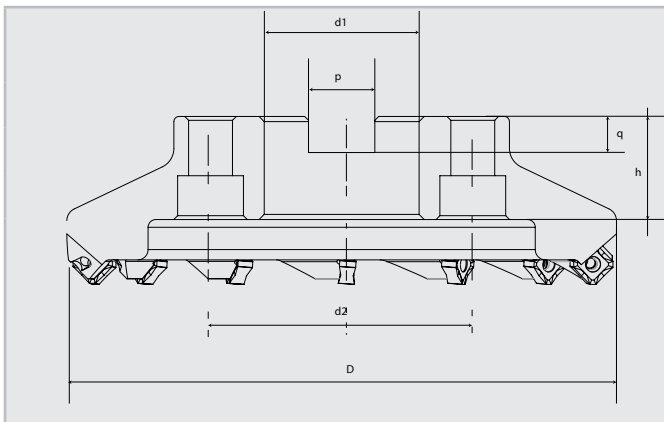
D	d1	d2	p	q	h
40	16	-	8,4	5,6	20
50	22	-	10,4	6,3	22
63	22	-	10,4	6,3	22
80	27	-	12,4	7	25
100	32	-	14,4	8	26

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

