Güçlü Sıkma sistemi ve yeni teknolojisiyle çok fonksiyonlu işlemelerde

KGT

- KGT serisinin iki kesici kenarlı uçlarıyla işleme maliyeti düşürülür
- Güçlü sıkıştırma sistemi stabil ve doğru işleme olanağı sağlar
- Yeni kalite ve teknolojisiyle üstün takım ömrü sağlar
- KGT serisinin çeşitli takım çözümleriyle verimliliği arttırma
- Ön taraf ve serbest yüzey boşluk açılı kesme kenarlarına sahip KGT serisi uç; kanal açma, kesme, tornalama ve alın yüzey işleme operasyonlarında işleme süresini azaltır
- Üç boyutlu talaş kırıcı çeşitli uygulamalarda mükemmel talaş kontrolü sağlar
- Çeşitli uygulamalar için farklı talaş kırıcılara sahip KGT serisi uçlar mevcuttur
- Özel kesici kenar formlu uçlar için teklif istenmelidir

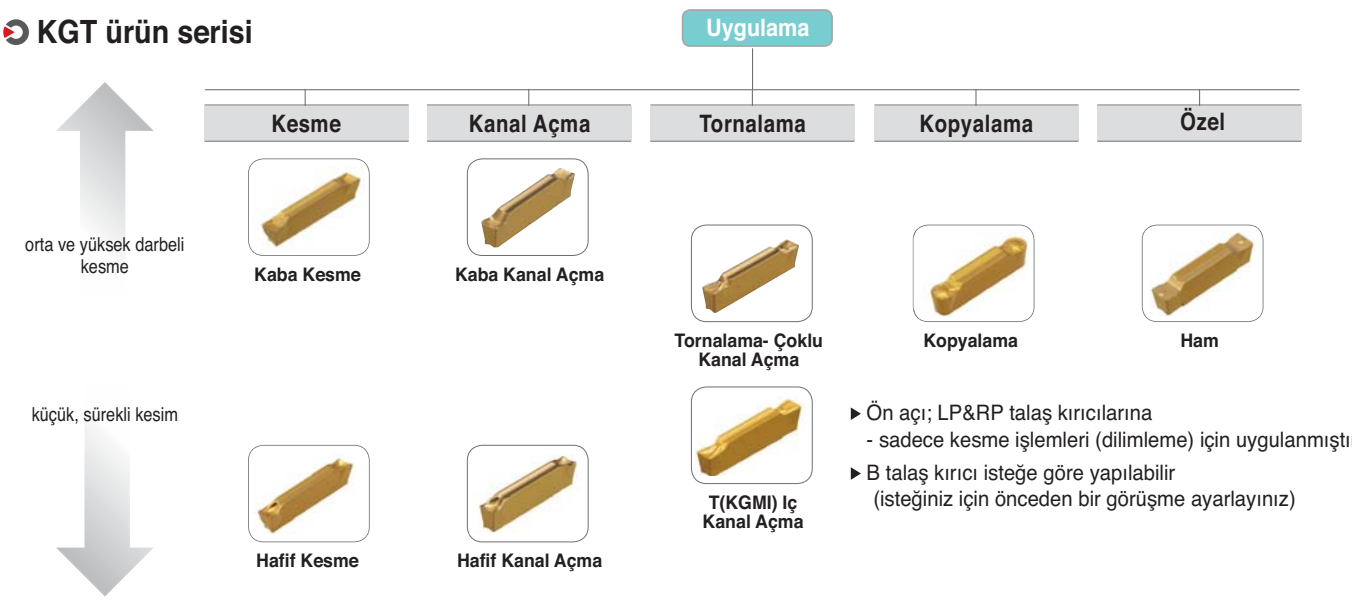
Kesici Uç Kod Sistemi

KG	M	N	300 – (s)	04 – T
KG SİSTEM (KORLOY Kanal açma)	**Tolerans** M Sınıf G Sınıf	**Kesici yön** N : Nötür R : Sağ L : Sol I : Iç	**Kesme kenarı genişliği** 2.0~8.0 mm	**Köşe Radüsü**	**Köşe Radyusu** 0.2 mm 0.3 mm 0.4 mm 0.8 mm	**Talaş Kırıcı** L/R/T/C /LP/RP/B/A

Kater Kod Sistemi

KG	E	H	R/L	2525 – 3	T20
KG SİSTEM (KORLOY Kanal açma)	**Çalışma Tarzı** E : Dış taraf işleme I : Iç taraf işleme F : Alın işleme	**Tutucu tipi** H : Yatay V : Dikey U : Undercut	**Kesici yön** R : Sağ L : Sol	**Şaft standardı** Yükseklik : 25 mm Genişlik : 25 mm (İç çap işlemede : işleyebileceği minimum çapı)	**Kesme genişliği** 2.0~8.0 mm	**Maksimum derinlik** 8~36 mm

KGT ürün serisi



- ▸ Ön açı; LP&RP talaş kırıcılarına
  - sadece kesme işlemleri (dilimleme) için uygulanmıştır
- ▸ B talaş kırıcı isteğe göre yapılabilir
  (isteğiniz için önceden bir görüşme ayarlayınız)

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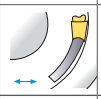
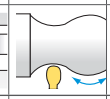
Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
E-posta: merkez@akifsan.com

ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

C KGT ile İlgili Teknik Bilgiler

Tavsiye edilen uçlar

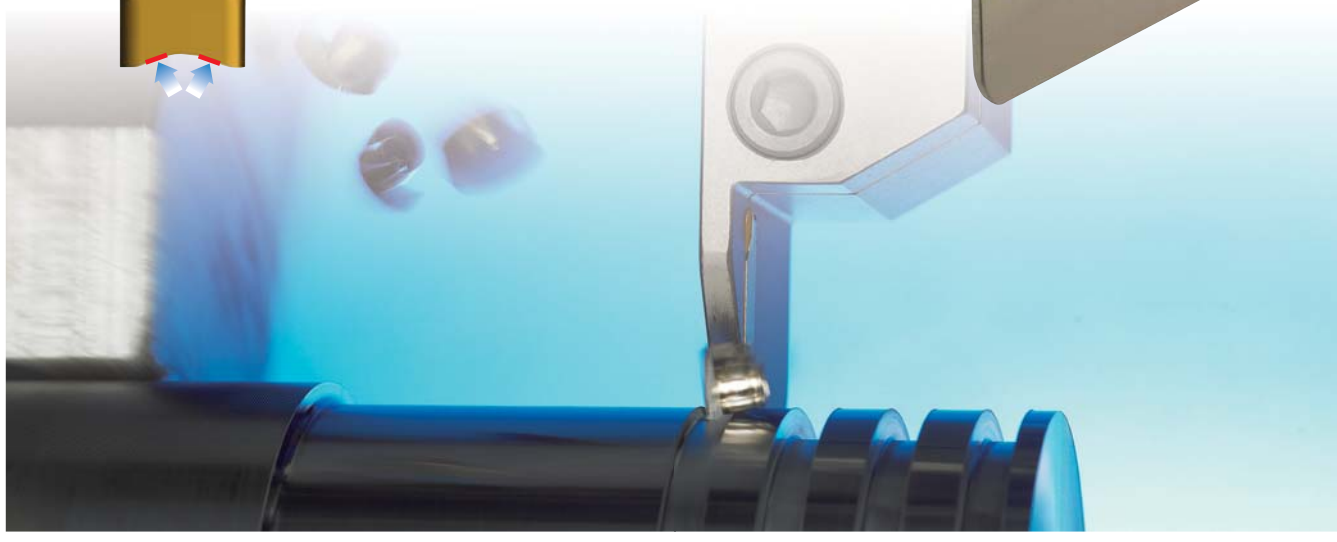
Kod	Geometri	Resmi	Kod									
			Dış çap işlemelerinde			Alın yüzey kanal işlemelerinde		İç çap işlemelerinde		Kopyalama	Köşe boşaltmalar	Özel işleme
			Kesme	Kanal Açma	Tornalama	Kanal Açma	Tornalama	Kanal Açma	Tornalama	Kopyalama	Köşe boşaltma	Özel
												
KGMN	L Hafif Kanal Açma		○	◎		○						
	R Kaba Kanal Açma		○	◎		○						
	T Tornalama- Çoklu Kanal Açma		○	◎	◎	◎	◎					
KGMI	T İç Kanal Açma							◎	◎			
KRMN	C Kopyalama									◎	◎	
KGMR/L	LP Hafif Kesme		◎									
	RP Kaba Kesme		◎									
KGGN	B Ham			○								◎
	A Aluminyum Kanal açma		○	◎	○							
KRGN	A Aluminyum Profil çıkarma									◎	◎	

◎ İlk tercih, ○ İkinci tercih

Özellikler

Üst kısım (Ucun)

- Güçlü sıkma ➜ Yüksek işleme güvenirliği
- Kendinden merkezleme ➜ Yüksek hassasiyet
- Titreşim önleyici tasarım ➜ Hassas yüzey kalitesi



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Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
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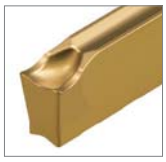
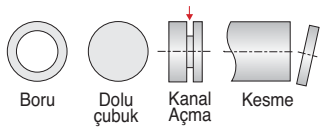
C/B Talaş kırıcı seçimi

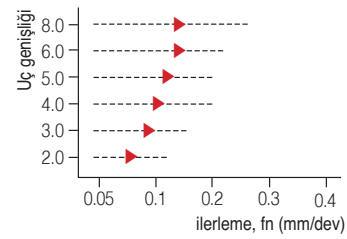
L Hafif Kanal Açma



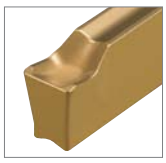


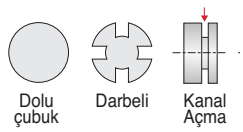
- Keskin kesme kenarı
- düşük ilerleme hızlarında
- küçük çaplı parçalarda

- Düşük karbonlu çelikler
- Alaşımlı çelikler
- Paslanmaz



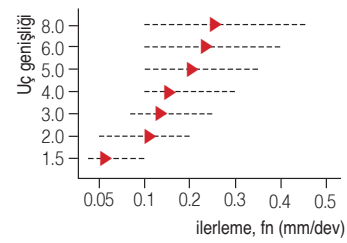
R Kaba kanal açma



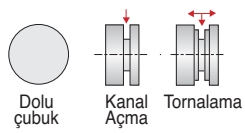


- güçlü kesme kenarı
- yüksek ilerleme hızında işlemede
- darbeli kesimde

- Karbon çelikleri
- Alaşımlı çelikler
- Paslanmaz
- Dökme demir

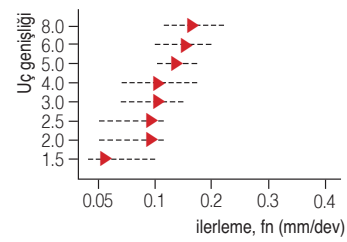


T Tornalama ve çoklu kanal açma

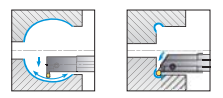


- Keskin kesme kenarı
- iyileştirilmiş talaş kontrolü
- tornalama & kanal açmada

- Karbon çelikleri
- Alaşımlı çelikler
- Paslanmaz
- Dökme demir

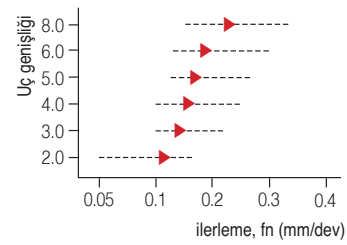


C Kopyalama ve köşe boşaltmaları için

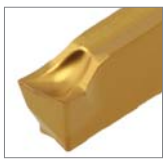


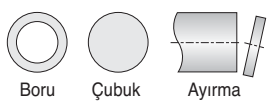
- İyileştirilmiş talaş kontrolü
- Kopyalama
- Köşe boşaltma

- Karbon çelikleri
- Alaşımlı çelikler
- Paslanmaz
- Dökme demir



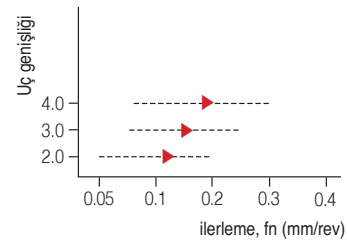
LP Haifif kesme için



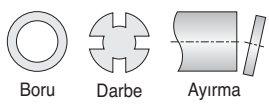


- Keskin kesici kenar
- Düşük ilerleme işleme
- Küçük çaplı parça
- Sağ/sol yönlü

- Düşük karbon çelik
- Karbon çelik
- Alaşımlı çelik
- Paslanmaz

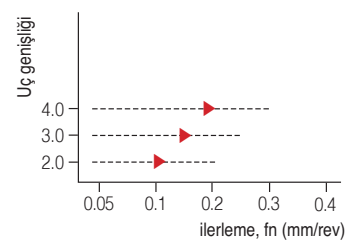


RP Kaba işleme kesme için



- Keskin kesici kenar
- Yüksek ilerleme işleme
- Darbeli kesim
- Sağ/sol yönlü

- Karbon çelik
- Alaşımlı çelik
- Döküm demir



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E-posta: merkez@akifsan.com

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Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
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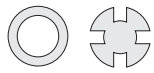
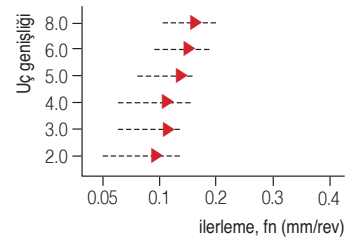
C KGT ile İlgili Teknik Bilgiler

B Hassas kanal açma için

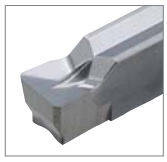


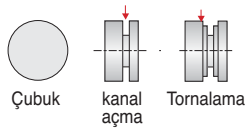
- Taşlanmış uç
- Hassas tolerans
- Çeşitli kesim kenarları uzunluk, uç Radüsü

- Karbon çelik
- ALaşımlı çelik
- Paslanmaz
- Döküm demir



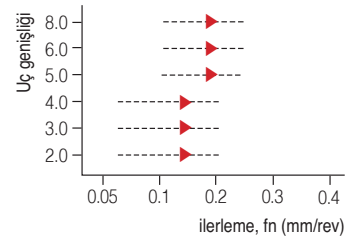
A Alüminyum kanal açma için





- Keskin kesici kenar
- Hassas tolerans

- Alüminyum alaşım
- Bakır alaşım



Tavsiye edilen uygulama aralığı için kaliteler

İş Parçası		Kalite	Uygun kalite seçimi	Önerilen Kesme Hızı (m/dak) 50 – 100 – 150 – 200 – 800
P	Çelik	PC5300	1	70 – 120
		NC3225	2	130 – 220
		NC5330	3	120 – 200
	Alaşımlı çelikler	PC5300	1	60 – 105
		NC3225	2	130 – 200
		NC5330	3	90 – 180
M	Paslanmaz çelik	PC5300	1	70 – 120
		PC9030	2	70 – 115
		NC5330	3	75 – 125
K	Dökme demir	PC5300	1	55 – 90
		NC5330	2	95 – 160
N	Demir dışı metal	H01	1	200 – 790
S	HRSA	PC5300	1	20 – 35

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Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
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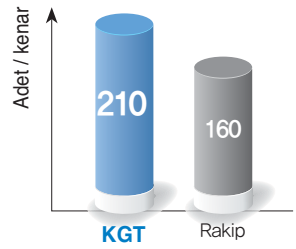
Performas değerlendirme

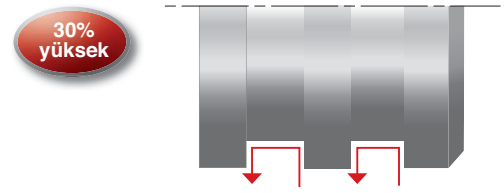
Çok fonksiyonlu işleme

Tornalama + kanal açmanın tekrarlanması

Tornalama + kanal açma için ideal geometri - Yüksek Verim

- **İş Parçası** C45
- **Kesme Koşulu** vc = 170 (m/dak)
  fn = 0.15 (mm/dev)
  ap = 2 mm
  W = 3 mm
  Islak
- **Kod** KGMN300-04-T (PC5300)



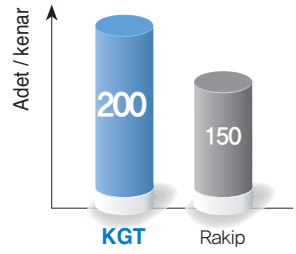


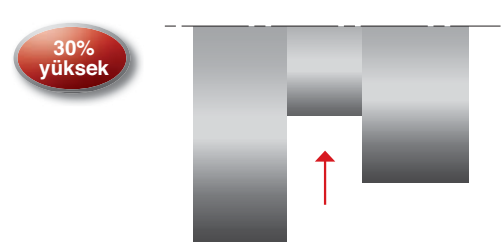
Kanal Açma

Kenar dibine kanal açma

Darbeli ve derin kanal açıma işlemleri için sağlam geometri

- **İş Parçası** X5CrNI18-9
- **Kesme Koşulu** vc = 120 (m/dak)
  fn = 0.12 (mm/dev)
  ap = 5 mm
  W = 4 mm
  Islak
- **Kod** KGMN400-03-R (PC5300)



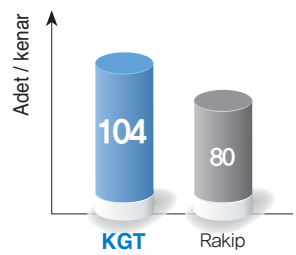


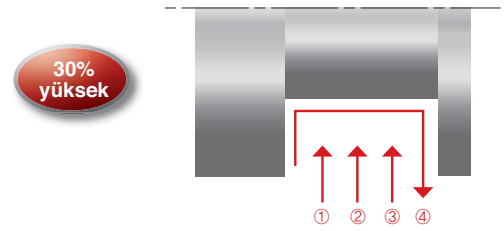
Şaft işleme

Kanal açma (kaba işleme) & Tornalama (finiş işleme)

Yüksek verimlilik için mükemmel talaş kontrolü

- **İş Parçası** 42CrM04
- **Kesme Koşulu** vc = 150 (m/dak)
  fn = 0.15 (mm/dev)
  ap = 5 mm
  W = 3 mm x 3
  Islak
- **Kod** KGMN300-04-T (PC5300)



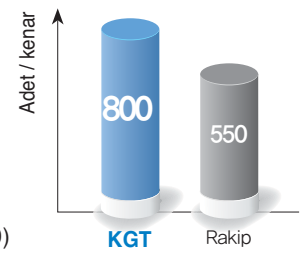


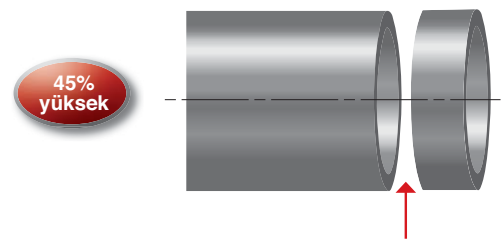
Kesme

Boru kesme

Uzun takım ömrü için özel talaş kırıcı formlu kesme ucu / Daha az çapak için keskin geometri

- **İş Parçası** X5CrNi18-9
- **Kesme Koşulu** vc = 140 (m/dak)
  fn = 0.15 (mm/dev)
  ap = 2 mm
  W = 3 mm
  Islak
- **Kod** KGMR300-6D-LP (PC5300)





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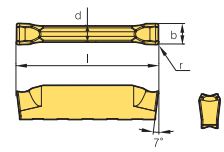
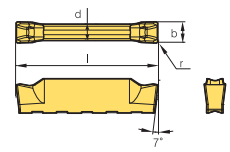
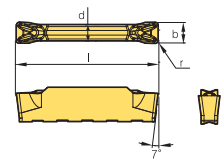
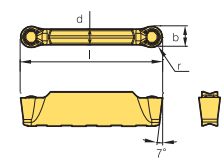
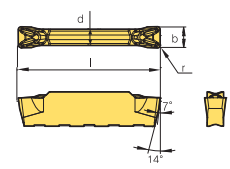
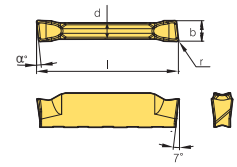
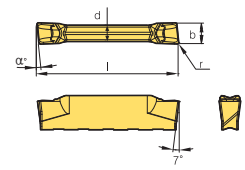
C KGT için Kullanılabilir Kesici Uçlar

Kesici uç

Uygulama	Resim	Kod		Kaplamalı					Kaplamalı (mm)					Görünüm	Sayfa
				NC3215	NC3225	NC5330	PC5300	PC9030	b	r	l	d	α°		
Kanal Açma	KGMN-L	KGMN	200-02-L		●	●	●	●	2.0	0.2	20	1.7	-		C14~20 C22
			300-02-L		●	●	●	●	3.0	0.2	20	2.3	-		
			400-02-L		●	●	●	●	4.0	0.2	20	3.3	-		
			500-03-L		●	●	●		5.0	0.3	25	4.1	-		
			600-03-L		●	●	●		6.0	0.3	25	5.1	-		
Kanal Açma-Kesme	KGMN-R	KGMN	150-015-R		●	●	●		1.5	0.15	16	1.2	-		C14~20 C22
			200-02-R		●	●	●	●	2.0	0.2	20	1.7	-		
			300-02-R		●	●	●	●	3.0	0.2	20	2.3	-		
			400-03-R		●	●	●	●	4.0	0.3	20	3.3	-		
			500-03-R			●	●		5.0	0.3	25	4.1	-		
			600-03-R			●	●		6.0	0.3	25	5.1	-		
			800-04-R			●	●		8.0	0.4	30	6.1	-		
Kanal Açma-Tornalama	KGMN-T	KGMN	150-015-T		●	●	●		1.5	0.15	16	1.2			C14~20 C22
			200-02-T		●	●	●	●	2.0	0.2	20	1.7	-		
			250-02-T		●	●	●		2.5	0.2	20	2.0			
			300-02-T		●	●	●	●	3.0	0.2	20	2.3	-		
			300-04-T		●	●	●	●	3.0	0.4	20	2.3	-		
			400-04-T		●	●	●	●	4.0	0.4	20	3.3	-		
			400-08-T		●	●	●	●	4.0	0.8	20	3.3	-		
			500-04-T		●	●	●	●	5.0	0.4	25	4.1	-		
			500-08-T		●	●	●	●	5.0	0.8	25	4.1	-		
			600-04-T		●	●	●	●	6.0	0.4	25	5.1	-		
			600-08-T		●	●	●		6.0	0.8	25	5.1	-		
			800-08-T		●		●		8.0	0.8	30	6.1	-		
Profil çıkarma	KRMN-C	KRMN	200-C		●	●	●		2.0	1.0	20	1.7	-		C14~21
			300-C		●	●	●		3.0	1.5	20	2.2	-		
			400-C		●	●	●		4.0	2.0	20	3.2	-		
			500-C		●	●	●		5.0	2.5	25	4.0	-		
			600-C		●	●	●		6.0	3.0	25	5.0	-		
			800-C		●	●	●		8.0	4.0	30	6.0	-		
Kanal Açma-İç	KGMI-T	KGMI	200-02-T				●		2.0	0.2	20	1.7	-		C22
			300-04-T				●		3.0	0.4	20	2.3	-		
			400-04-T				●		4.0	0.4	20	3.3	-		
Kesme (sol yönlü)	KGMR-LP	KGMR	200-6D-LP			●	●		2.0	0.2	20	1.7	6		C14 C16
			200-8D-LP						2.0	0.2	20	1.7	8		
			200-15D-LP			●	●		2.0	0.2	20	1.7	15		
			300-6D-LP			●	●		3.0	0.2	20	2.3	6		
			300-15D-LP			●	●		3.0	0.2	20	2.3	15		
			400-4D-LP			●	●		4.0	0.3	20	3.3	4		
			400-15D-LP			●	●		4.0	0.3	20	3.3	15		
			500-4D-LP						5.0	0.3	25	4.1	4		
Kesme (sağ yönlü)	KGMR-RP	KGMR	200-6D-RP			●	●		2.0	0.2	20	1.7	6		C14 C16
			200-8D-RP						2.0	0.2	20	1.7	8		
			200-15D-RP			●	●		2.0	0.2	20	1.7	15		
			300-6D-RP			●	●		3.0	0.2	20	2.3	6		
			300-15D-RP			●	●		3.0	0.2	20	2.3	15		
			400-4D-RP			●	●		4.0	0.3	20	3.3	4		
			400-15D-RP			●	●		4.0	0.3	20	3.3	15		
			500-4D-RP						5.0	0.3	25	4.1	4		

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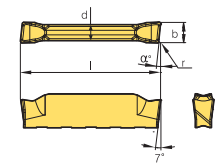
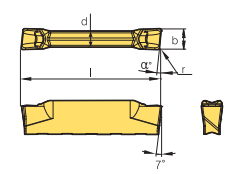
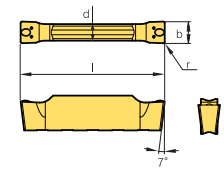
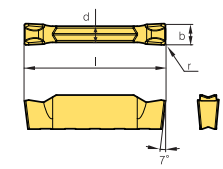
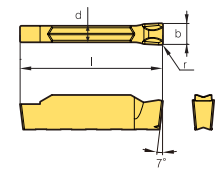
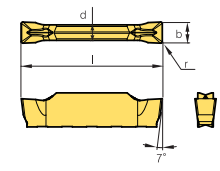
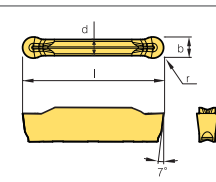
www.akifsan.com

MERKEZ:
100. Yıl Bulvarı Ahi Evran Cad. No: 85 Ostim Ankara / TÜRKİYE
Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
E-posta: merkez@akifsan.com

ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

Kesici uç

Uygulama	Resmi	Kod		Kaplamalı				Kaplamasız		Boyutlar (mm)					Görünüm	Sayfa
				NC3215	NC5330	PC5300	PC9030	H01	H05	b	r	l	d	α°		
Kesme (Sol yönlü)	KGML-LP	KGML	200-6D-LP							2.0	0.2	20	1.7	6		C14 C16
			200-15D-LP							2.0	0.2	20	1.7	15		
			300-6D-LP							3.0	0.2	20	2.3	6		
			300-15D-LP							3.0	0.2	20	2.3	15		
			400-4D-LP							4.0	0.2	20	3.3	4		
			400-15D-LP							4.0	0.2	20	3.3	15		
Kesme (sağ yönlü)	KGML-RP	KGML	200-6D-RP							2.0	0.2	20	1.7	6		C14 C16
			200-15D-RP							2.0	0.2	20	1.7	15		
			300-6D-RP							3.0	0.2	20	2.3	6		
			300-15D-RP							3.0	0.2	20	2.3	15		
			400-4D-RP							4.0	0.2	20	3.3	4		
			400-15D-RP							4.0	0.2	20	3.3	15		
Kanal Açma(Taşlanmış uç)	KGGN-B	KGGN	265-015-B							2.65	0.15	20	2.3	-		C14 C16 C17
			300-020-B							3.0	0.20	20	2.3	-		
			300-040-B							3.0	0.40	20	2.3	-		
			315-015-B							3.15	0.15	20	2.3	-		
			400-040-B							4.0	0.40	20	3.3	-		
			400-080-B							4.0	0.80	20	3.3	-		
			415-015-B							4.15	0.15	20	3.3	-		
			478-055-B							4.78	0.55	20	3.3	-		
			500-080-B							5.0	0.80	25	4.1	-		
			515-015-B							5.15	0.15	25	4.1	-		
			600-080-B							6.0	0.80	25	5.1	-		
			600-120-B							6.0	1.20	25	5.1	-		
			800-080-B							8.0	0.80	30	6.1	-		
			800-120-B							8.0	1.20	30	6.1	-		
Kanal açma, Kesme (Ground insert)	Yeni KGGN-R	KGGN	200-02-R							2.0	0.2	20	1.7	-		C14~20
			300-02-R							3.0	0.2	20	2.3	-		
			400-03-R							4.0	0.3	20	3.3	-		
			500-03-R							5.0	0.3	25	4.1	-		
			600-03-R							6.0	0.3	25	5.1	-		
			800-04-R							8.0	0.4	30	6.1	-		
Kanal açma, Kesme (Single insert)	Yeni KGGN-R	KGGN	200S-02-R		●					2.0	0.2	19.9	1.7	-		C23
			300S-02-R		●					3.0	0.2	19.9	2.3	-		
			400S-03-R		●					4.0	0.3	19.9	3.3	-		
			500S-03-R		●					5.0	0.3	24.9	4.1	-		
			600S-03-R		●					6.0	0.3	24.9	5.1	-		
			800S-04-R		●					8.0	0.4	24.9	6.1	-		
Alüminyum Kanal Açma	Yeni KGGN-A	KGGN	200-02-A					●		2.0	0.2	20	1.7	-		C14~20
			300-02-A					●		3.0	0.2	20	2.3	-		
			400-04-A					●		4.0	0.4	20	3.3	-		
			500-04-A					●		5.0	0.4	25	4.1	-		
			600-04-A					●		6.0	0.4	25	5.1	-		
Alüminyum profil çıkarma	Yeni KRGN-A	KRGN	300-A					●		3.0	1.5	20	2.3	-		C14~19
			400-A					●		4.0	2.0	20	3.3	-		
			500-A					●		5.0	2.5	25	4.1	-		
			600-A					●		6.0	3.0	25	5.1	-		
			800-A					●		8.0	4.0	30	6.1	-		

• Talaş kırıcı 'B' : Kullanıcı kendisi-ufalama tipinde

● : Stok ürün

www.akifsan.com

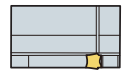
MERKEZ:
100. Yıl Bulvarı Ahi Evran Cad. No: 85 Ostim Ankara / TÜRKİYE
Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
E-posta: merkez@akifsan.com

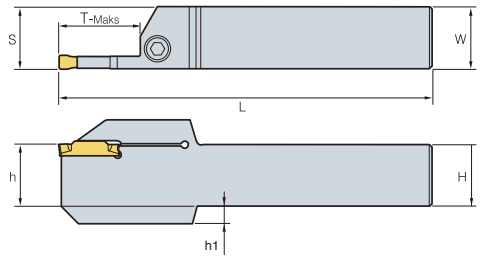
ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

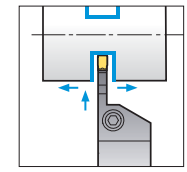
C KGT Kater

KGEHR/L

Kanal açma, Tornalama, Kesme, Köşe boşaltma, İşleme







KGGN
KGMR/L
KRGN
KGMN
KRMN

• R tipi kesici uç

(mm)

	Kod	H = (h)	W	L	S	h1	T-Maks	Kesici uç	Vida	Anahtar
KGEHR/L	1616-1.5-T14	16	16	100	16.2	-	14	KGMN150-□-□	MHA0512	HW40L
	2020-1.5-T14	20	20	125	20.2	-	14			
	2525-1.5-T14	25	25	150	25.2	-	14			
	1212-2-T08	12	12	100	12.2	-	8	KGMN200-□-□ KGMR/L200-□-□ KRMN200-C KGGN200-□-□	MHA0512	HW40L
	1616-2-T08	16	16	100	16.2	-	8			
	2020-2-T08	20	20	125	20.2	-	8			
	2525-2-T08	25	25	150	25.2	-	8			
	1616-2-T12	16	16	100	16.2	-	12			
	2020-2-T12	20	20	125	20.2	-	12			
	2525-2-T12	25	25	150	25.2	-	12			
	1616-2-T17	16	16	100	16.2	-	17			
	2020-2-T17	20	20	125	20.2	-	17			
	2525-2-T17	25	25	150	25.2	-	17			
	1616-2.5-T17	16	16	100	16.3	-	17	KGMN250-□-□	MHA0512	HW40L
	2020-2.5-T17	20	20	125	20.3	-	17			
	2525-2.5-T17	25	25	150	25.3	-	17			
	1616-3-T10	16	16	100	16.4	-	10	KGMN300-□-□ KGMR/L300-□-□ KRMN300-C KGGN300-□-□ KRGN300-□	MHA0512	HW40L
	2020-3-T10	20	20	125	20.4	-	10			
	2525-3-T10	25	25	150	25.4	-	10			
	3232-3-T10	32	32	170	32.4	-	10			
	1616-3-T13	16	16	100	16.4	-	13			
	2020-3-T13	20	20	125	20.4	-	13			
	2525-3-T13	25	25	150	25.4	-	13			
	1616-3-T20	16	16	100	16.4	-	20			
	2020-3-T20	20	20	125	20.4	-	20			
	2525-3-T20	25	25	150	25.4	-	20			
	3232-3-T20	32	32	170	32.4	-	20			
	2525-3-T25	25	25	150	25.4	-	25			
	1616-4-T10	16	16	100	16.4	-	10	KGMN400-□-□ KGMR/L400-□-□ KRMN400-C KGGN400-□-□ KRGN400-□	BHA0616	HW50L
	2020-4-T10	20	20	125	20.4	-	10			
	2525-4-T10	25	25	150	25.4	-	10			
	3232-4-T10	32	32	150	32.4	-	10			
	1616-4-T15	16	16	100	16.4	-	15			
	2020-4-T15	20	20	125	20.4	-	15			
	2525-4-T15	25	25	150	25.4	-	15			
	1616-4-T20	16	16	100	16.4	-	20			
	2020-4-T20	20	20	125	20.4	-	20			
	2525-4-T20	25	25	150	25.4	-	20			
	3232-4-T20	32	32	170	32.4	-	20			
	1616-4-T25	16	16	100	16.4	-	25			
	2020-4-T25	20	20	125	20.4	-	25			
	2525-4-T25	25	25	150	25.4	-	25			

Kullanılabilen kesici uçlar için sayfa **C12~C13**

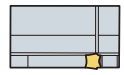
www.akifsan.com

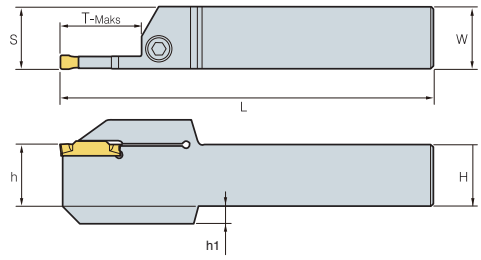
MERKEZ:
100. Yıl Bulvarı Ahi Evran Cad. No: 85 Ostim Ankara / TÜRKİYE
Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
E-posta: merkez@akifsan.com

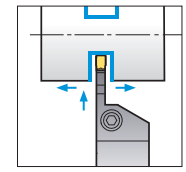
ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

KGEHR/L

Kanal açma, Tornalama, Kesme, Köşe boşaltma, İşleme







KGGN KGMN
KGMR/L KRMN
KRGN

• R tipi kesici uç

(mm)

	Kod	H = (h)	W	L	S	h_1	T-Maks	Kesici uç	Vida	Anahtar
KGEHR/L	2020-5-T12	20	20	125	20.5	-	12	KGMN500-□-□ KRMN500-C KGGN500-□-□ KRGN500-□	BHA0616	HW50L
	2525-5-T12	25	25	150	25.5	-	12			
	2020-5-T15	20	20	125	20.55	-	15			
	2525-5-T15	25	25	150	25.55	-	15			
	3232-5-T15	32	32	170	32.55	-	15			
	2020-5-T20	20	20	125	20.5	-	20			
	2525-5-T20	25	25	150	25.5	-	20			
	3232-5-T20	32	32	170	32.5	-	20		BHA0620	HW50L
	2525-5-T32	25	25	150	25.5	7	32			
	2020-6-T12	20	20	125	20.5	-	12	KGMN600-□-□ KRMN600-C KGGN600-□-□ KRGN600-□	BHA0616	HW50L
	2525-6-T12	25	25	150	25.5	-	12			
	2525-6-T15	25	25	150	25.55	-	15			
	3232-6-T15	32	32	170	32.55	-	15			
	2020-6-T20	20	20	125	20.5	-	20			
	2525-6-T20	25	25	150	25.5	-	20			
	3232-6-T20	32	32	170	32.5	-	20		BHA0620	HW50L
	2525-6-T32	25	25	150	25.5	7	32			
	2525-8-T16	25	25	150	26	-	16	KGMN800-□-□ KRMN800-C KGGN800-□-□ KRGN800-□	BHA0616	HW50L
	3232-8-T16	32	32	170	33.05	-	16			
	2525-8-T25	25	25	150	26	-	25			
	3232-8-T25	32	32	170	33	-	25		BHA0620	HW50L
	2525-8-T36	25	25	150	26	7	36			
	3232-8-T36	32	32	170	33	-	36			

Kullanılabilen kesici uçlar için sayfa **C12~C13**

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E-posta: merkez@akifsan.com

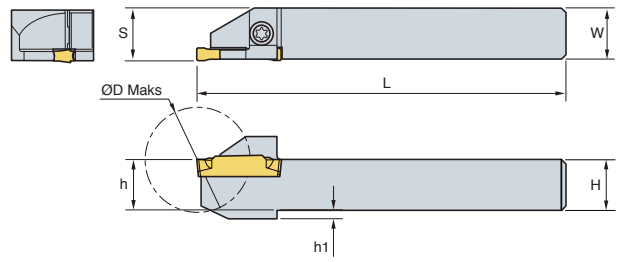
ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

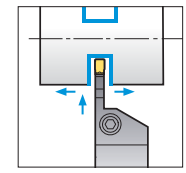
C KGT Kater

KGEHR/L-D00A (Auto tools)

Kanal açma, Tornalama, Kesme

KGGN KGMN
KGMR/L KRMN
KRGN





• R tipi kesici uç

(mm)

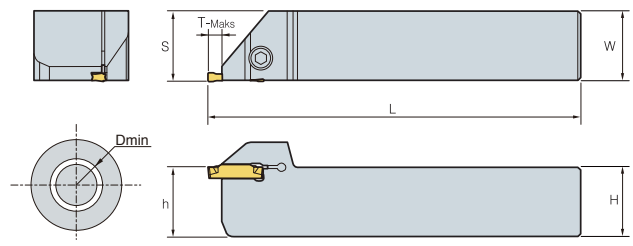
	Kod	H = (h)	W	L	S	h1	ØD Maks	Kesici uç	Vida	Anahtar
KGEHR/L	1010-2-D20A	10	10	125	10.2	2	20	KGMN200-□-□ KGMR/L200-□-□ KRMN200-C KGGN200-□-□	ETNA0412	TW15L
	1212-2-D25A	12	12	125	12.2	2	25			
	1414-2-D25A	14	14	125	14.2	-	25			
	1616-2-D32A	16	16	125	16.2	-	32			
	1212-3-D25A	12	12	125	12.4	2	25	KGMN300-□-□ KGMR/L300-□-□ KRMN300-C KGGN300-□-□ KRGN300-□		
	1616-3-D32A	16	16	125	16.4	-	32			

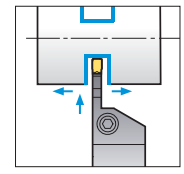
Kullanılabilen kesici uçlar için sayfa **C12~C13**

KGEHR/L-T00

Kanal açma, Tornalama, Alın kanal açma

KGMN KRMN
KGGN KRGN





• R tipi kesici uç

(mm)

	Kod	H = (h)	W	L	S	ØD Min	T-Maks	Kesici uç	Vida	Anahtar
KGEHR/L	1616-3-T00	16	16	100	16.4	80	4.8	KGMN300-□-□ KRMN300-C KGGN300-□-□ KRGN300-□	MHA0512	HW40L
	2020-3-T00	20	20	125	20.4	80	4.8			
	2525-3-T00	25	25	150	25.4	80	4.8			
	1616-4-T00	16	16	100	16.4	80	4.8	KGMN400-□-□ KRMN400-C KGGN400-□-□ KRGN400-□	BHA0616	HW50L
	2020-4-T00	20	20	125	20.4	80	4.8			
	2525-4-T00	25	25	150	25.4	80	4.8			
	2020-6-T00	20	20	125	20.5	80	6.0	KGMN600-□-□ KRMN600-C KGGN600-□-□ KRGN600-□	BHA0616	HW50L
	2525-6-T00	25	25	150	25.5	80	6.0			

Kullanılabilen kesici uçlar için sayfa **C12~C13**

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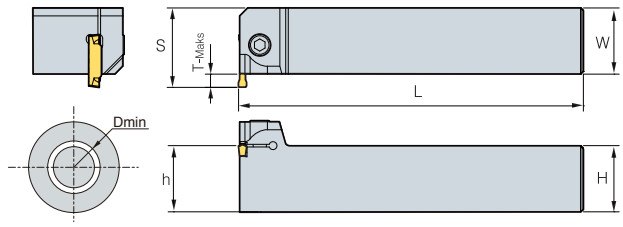
Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
E-posta: merkez@akifsan.com

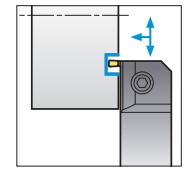
ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

KGEVR/L-T00

Kanal açma, Tornalama, Alın kanal açma

KGMN KRMN
KRGN KGGN





• R tipi kesici uç

(mm)

	Kod	H = (h)	W	L	S	ØD Min	T-Maks	Kesici uç	Vida	Anahtar
KGEVR/L	2020-1.5 -T00	20	20	125	23.5	120	3	KGMN150-□-□	MHA0512	HW40L
	2525-1.5 -T00	25	25	150	28.5	120	3			
	3232-1.5 -T00	32	32	170	35.5	120	3			
	2020-2 -T00	20	20	125	23.5	120	3	KGMN200-□-□ KRMN200-C KGGN200-□-□-□	MHA0512	HW40L
	2525-2 -T00	25	25	150	28.5	120	3			
	3232-2 -T00	32	32	170	35.5	120	3			
	2020-2.5 -T00	20	20	125	24.5	80	4	KGMN250-□□	MHA0512	HW40L
	2525-2.5 -T00	25	25	150	29.5	80	4			
	3232-2.5 -T00	32	32	170	36.5	80	4			
	2020-3-T00	20	20	125	25	80	4.8	KGMN300-□-□ KRMN300-C KGGN300-□-□ KRGN300-□	MHA0512	HW40L
	2525-3-T00	25	25	150	30	80	4.8			
	3232-3 -T00	32	32	170	37	80	4.8			
	2020-4-T00	20	20	125	25	80	4.8	KGMN400-□-□ KRMN400-C KGGN400-□-□ KRGN400-□	BHA0616	HW50L
	2525-4-T00	25	25	150	30	80	4.8			
	3232-4 -T00	32	32	170	37	80	4.8			
	2020-5 -T00	20	20	125	29.5	60	6	KGMN500-□-□ KRMN500-C KGGN500-□-□ KRGN500-□	BHA0616	HW50L
	2525-5 -T00	25	25	150	31.5	60	6			
	3232-5 -T00	32	32	170	38.5	60	6			
	2020-6 -T00	20	20	125	26.5	60	6	KGMN600-□-□ KRMN600-C KGGN600-□-□ KRGN600-□	BHA0616	HW50L
	2525-6-T00	25	25	150	31.5	80	6			
	3232-6 -T00	32	32	170	38.5	60	6			
	2525-8 -T00	25	25	150	33.5	50	8	KGMN800-□-□ KRMN800-C KGGN800-□-□ KRGN800-□	BHA0616	HW50L
	3232-8 -T00	32	32	170	38.5	50	8			

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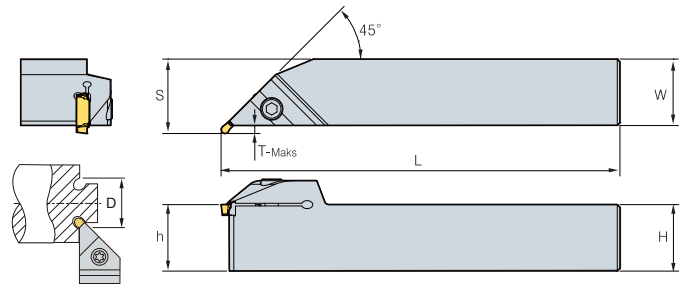
E-posta: merkez@akifsan.com

ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

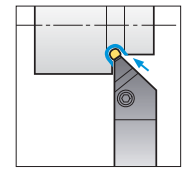
C KGT Kater

KGEUR/L

KRMN
KRGN



Köşe boşaltma



• R tipi kesici uç

(mm)

	Kod	H = (h)	W	L	S	ØD Min	T-Maks	Kesici uç	Vida	Anahtar
KGEUR/L	1616-3	16	16	100	19	40	2.8	KRMN300-C KRGN300-□	MHA0512	HW40L
	2020-3	20	20	125	23	40	2.8			
	2525-3	25	25	150	28	40	2.8			
	3232-3	32	32	170	35	40	2.8			
	1616-4	16	16	100	19	40	2.8	KRMN400-C KRGN400-□	BHA0616	HW50L
	2020-4	20	20	125	23	40	2.8			
	2525-4	25	25	150	28	40	2.8			
	3232-4	32	32	170	35	40	2.8			
	2020-5	20	20	125	23.5	50	3.3	KRMN500-C KRGN500-□	BHA0616	HW50L
	2525-5	25	25	150	28.5	50	3.3			
	3232-5	32	32	170	35.5	50	3.3			
	2020-6	20	20	125	23.5	50	3.3	KRMN600-C KRGN600-□	BHA0616	HW50L
	2525-6	25	25	150	28.5	50	3.3			
	3232-6	32	32	170	35.5	50	3.3			
	2525-8	25	25	150	28.5	65	3.3	KRMN800-C KRGN800-□	BHA0616	HW50L
	3232-8	32	32	170	35.5	65	3.3			

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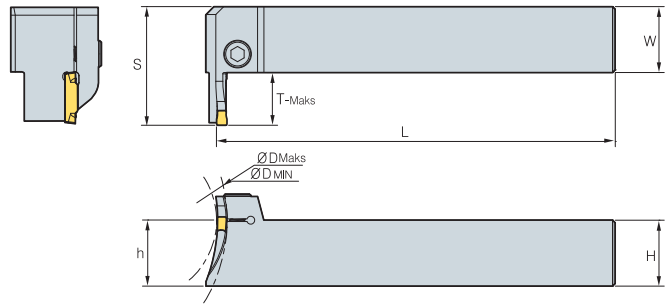
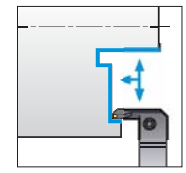
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

KGFVR/L

KGMN KRMN
KGGN KRGN



Alın Kanal açma



• R tipi kesici uç

(mm)

	Kod	H = (h)	W	L	S	T-Maks	ØD Min	ØD Maks	Kesici uç	Vida	Anahtar
KGFVR/L	325-34/50-T10	25	25	150	36	10	34	50	KGMN300-□-□ KRMN300-C KGGN300-□-□ KRGN300-□	MHA0512	HW40L
	325-44/60-T15	25	25	150	41	15	44	60			
	325-54/85-T15	25	25	150	41	15	54	85			
	425-32/50-T15	25	25	150	41	15	32	50	KGMN400-□-□ KRMN400-C KGGN400-□-□ KRGN400-□	BHA0616	HW50L
	425-42/60-T15	25	25	150	41	15	42	60			
	425-44/70-T20	25	25	150	45.5	20	44	70			
	425-52/85-T15	25	25	150	41	15	52	85			
	425-60/120-T20	25	25	150	45.5	20	60	120			
	425-112/200-T20	25	25	150	45.5	20	112	200			
	525-50/80-T20	25	25	150	46	20	50	80	KGMN500-□-□ KRMN500-C KGGN500-□-□ KRGN500-□	BHA0616	HW50L
	525-70/110-T20	25	25	150	46	20	70	110			
	525-100/150-T20	25	25	150	46	20	100	150			
	525-140/200-T20	25	25	150	46	20	140	200			
	525-200-T20	25	25	150	46	20	200	∞			
	625-48/85-T20	25	25	150	46	20	48	85	KGMN600-□-□ KRMN600-C KGGN600-□-□ KRGN600-□	BHA0616	HW50L
	625-73/150-T20	25	25	150	46	20	73	150			
	625-138/250-T20	25	25	150	46	20	138	250			
	625-250-T20	25	25	150	46	20	250	∞			

Kullanılabilen kesici uçlar için sayfa **C12~C13**

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E-posta: merkez@akifsan.com

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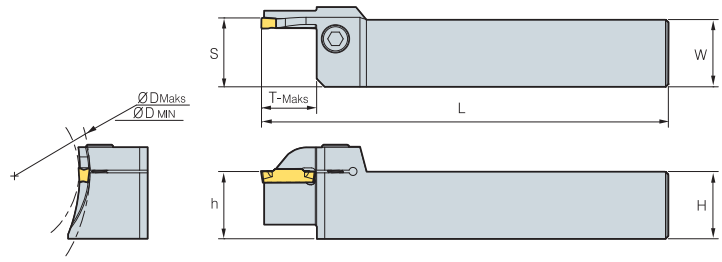
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

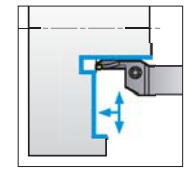
C KGT Kater

KGFHR/L

Alın Kanal açma

KGMN KRMN
KGGN KRGN





• R tipi kesici uç

(mm)

Kod		H = (h)	W	L	S	T-Maks	ØD Min	ØD Maks	Kesici uç	Vida	Anahtar
KGFHR/L	320-34/50-T10	20	20	150	20.5	10	34	50	KGMN300-□-□ KRMN300-C KGGN300-□-□ KRGN300-□	MHA0512	HW40L
	320-44/70-T15	20	20	150	20.5	15	44	70			
	320-64/100-T15	20	20	150	20.5	15	64	100			
	325-34/50-T10	25	25	150	25.5	10	34	50			
	325-44/70-T15	25	25	150	25.5	15	44	70			
	325-64/100-T15	25	25	150	25.5	15	64	100			
	420-34/50-T16	20	20	150	20.5	16	34	50	KGMN400-□-□ KRMN400-C KGGN400-□-□ KRGN400-□	BHA0616	HW50L
	420-42/70-T16	20	20	150	20.5	16	42	70			
	420-62/120-T16	20	20	150	20.5	16	62	120			
	420-112/200-T16	20	20	150	20.5	16	112	200			
	425-34/50-T20	25	25	150	25.6	20	34	50			
	425-40/60-T10	25	25	150	25.6	10	40	60			
	425-44/70-T20	25	25	150	25.6	20	44	70			
	425-84/92-T20	25	25	150	25.6	20	84	92			
	425-60/120-T20	25	25	150	25.6	20	60	120			
	425-112/200-T20	25	25	150	25.6	20	112	200			
	425-200-T20	25	25	150	25.6	20	200	∞			
	525-50/80-T15	25	25	150	25.6	15	50	80	KGMN500-□-□ KRMN500-C KGGN500-□-□ KRGN500-□	BHA0616	HW50L
	525-50/80-T25	25	25	150	25.6	25	50	80			
	525-70/110-T15	25	25	150	25.6	15	70	110			
	525-70/110-T25	25	25	150	25.6	25	70	110			
	525-100/150-T25	25	25	150	25.6	25	100	150			
	525-140/200-T25	25	25	150	25.6	25	140	200			
	525-190/220-T10	25	25	150	25.6	10	190	200			
	525-200-T25	25	25	150	25.6	25	200	∞			
	625-170/190-T10	25	25	150	25.6	10	170	190	KGMN600-□-□ KRMN600-C KGGN600-□-□ KRGN600-□	BHA0616	HW50L
	625-190/220-T10	25	25	150	25.6	10	190	200			

Kullanılabilen kesici uçlar için sayfa **C12~C13**

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Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
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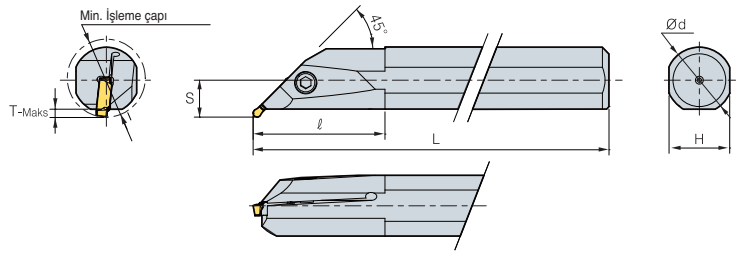
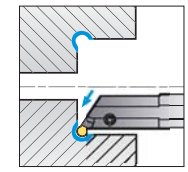
ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

KGIUR/L

Köşe boşaltma

KRMN
KRGN





• R tipi kesici uç

(mm)

	Kod	ØD	Ød	L	ℓ	T-Maks	H	S	Kesici uç	Vida	Anahtar
KGIUR/L	3520-3	35	20	150	45	3.5	18	13	KRMN300-C KRGN300-□	MHA0512	HW40L
	4025-3	40	25	200	50	3.5	23	15.5			
	5032-3	50	32	250	65	3.5	30	19			
	3520-4	35	20	150	45	3.5	18	13	KRMN400-C KRGN400-□	MHA0512	HW40L
	4025-4	40	25	200	50	3.5	23	15.5			
	5032-4	50	32	250	65	3.5	30	19			
	4025-5	40	25	200	50	3.5	23	15.5	KRMN500-C KRGN500-□	MHA0512	HW40L
	5032-5	50	32	250	65	3.5	30	19			
	4025-6	40	25	200	50	3.5	23	15.5	KRMN600-C KRGN600-□	MHA0512	HW40L
	5032-6	50	32	250	65	3.5	30	19			
	4025-8	40	25	200	50	3.5	23	18.5	KRMN800-C KRGN800-□	MHA0512	HW40L
	5032-8	50	32	250	65	3.5	30	22			

Kullanılabilen kesici uçlar için sayfa **C12~C13**

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MERKEZ:
100. Yıl Bulvarı Ahi Evran Cad. No: 85 Ostim Ankara / TÜRKİYE
Tel: +90 312 354 43 91 - 354 32 62 **Faks:** +90 312 385 56 34
E-posta: merkez@akifsan.com

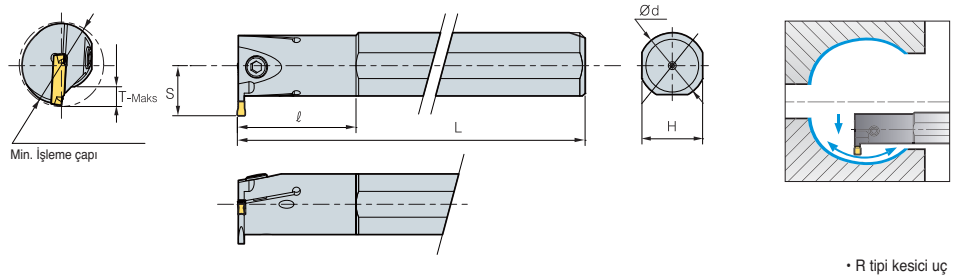
ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com

C KGT Kater

KGIVR/L

Kanal açma, Tornalama, Profil İşleme için

KGMI
KGMN



• R tipi kesici uç

(mm)

	Kod	ØD	Ød	L	ℓ	T-Maks	H	S	Kesici uç	Vida	Anahtar
KGIVR/L	2016-1.5	20	16	125	35	4	15	12	KGMN150-□-□	MHB0410	HW30L
	2520-1.5	25	20	150	45	6	18	15.5		MHB0410	
	3225-1.5	32	25	200	45	7	23	19		MHA0512	HW40L
	2516-2	25	16	125	35	6.5	15	14	KGMI200-□-T	MHB0410	HW30L
	2520-2	25	20	150	45	6.5	18	15.5			
	3225-2	32	25	200	45	7	23	19		MHB0512	HW40L
	2516-2.5	25	16	125	35	6.5	15	14	KGMN250-□-□	MHB0410	HW30L
	2520-2.5	25	20	150	45	6.5	18	15.5			
	3225-2.5	32	25	200	45	7	23	19		MHA0512	HW40L
	2520-3	25	20	150	45	6.5	18	15.5	KGMI300-□-T	MHB0410	HW30L
	3225-3	32	25	200	45	7	23	19		MHA0512	HW40L
	4032-3	40	32	250	55	7.5	30	22.5		BHA0616	HW50L
	2520-4	25	20	150	45	6.5	18	15.5	KGMI400-□-T	MHB0410	HW30L
	3225-4	32	25	200	45	7	23	19		MHA0512	HW40L
	4032-4	40	32	250	55	7.5	30	22.5		BHA0616	HW50L
	3225-5	32	25	200	45	7.5	23	19.5	KGMN500-□-□	MHA0512	HW40L
	4032-5	40	32	250	55	8.5	30	23.5		BHA0616	HW50L
	3225-6	32	25	200	45	7.5	23	19.5	KGMN600-□-□	MHA0512	HW40L
	4032-6	40	32	250	55	8.5	30	23.5		BHA0616	HW50L
	4032-8	40	32	250	55	8.5	30	23.5	KGMN800-□-□	BHA0616	HW50L
	4540-8	45	40	300	70	8.5	37	26.5		BHA0616	HW50L

Kullanılabilen kesici uçlar için sayfa **C12~C13**

• Harici geçme uç : Min. işleme Çapı (ØD) 50 mm'den fazladır

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E-posta: merkez@akifsan.com

ŞUBE:
Melih Gökçek Bulvarı 1445. Sok. No: 10 İvogsan Ankara / TÜRKİYE
Tel: +90 312 395 16 18 - 395 16 01 **Faks:** +90 312 395 75 15
E-posta: sube@akifsan.com