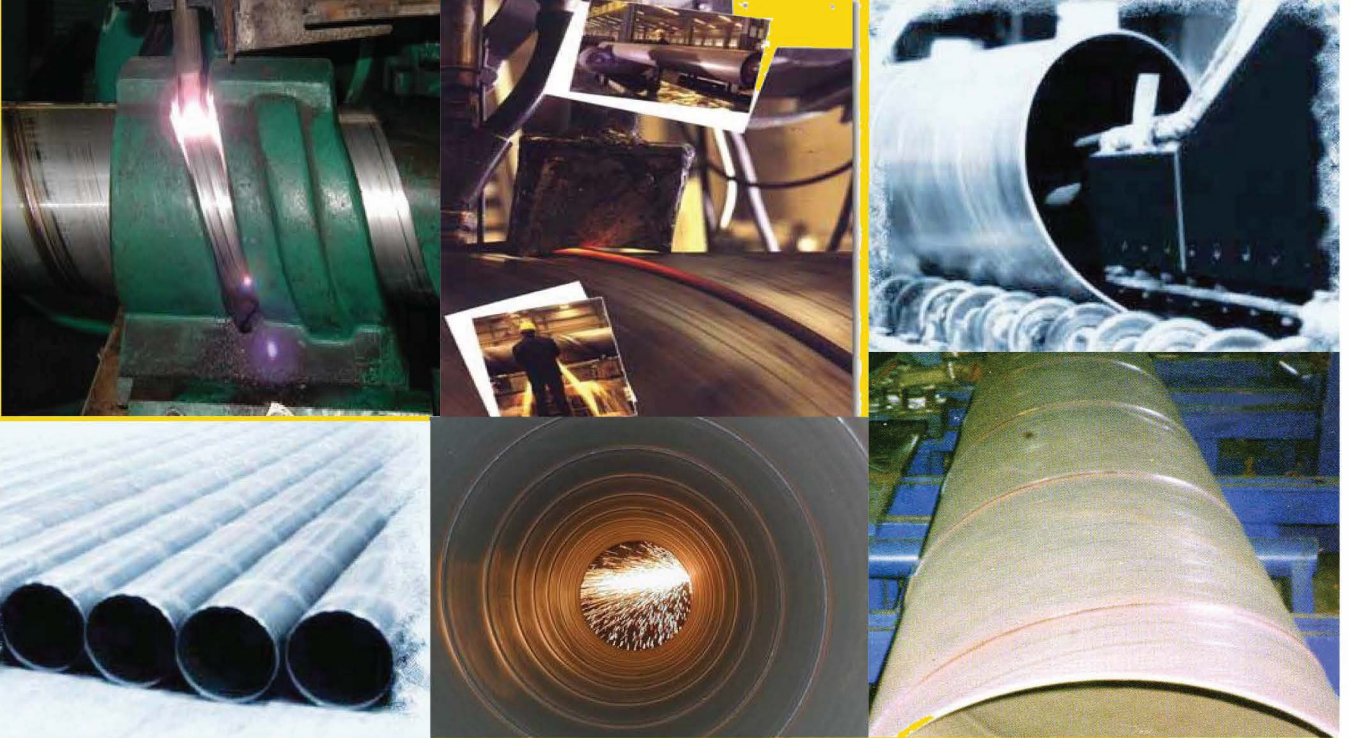
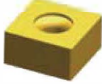


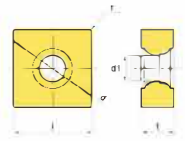
SPİRAL BORU ÜRETİMİNDE VERİMLİ ÇÖZÜMLER *EFFICIENT SOLUTIONS FOR SPIRAL PIPE PRODUCTION*

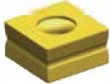


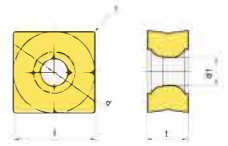
 **EUROLOY**


Kenar Frezeleme Uçları / Sheet Edge Proportion, Milling Inserts

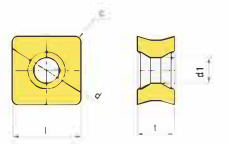
SNHQ	Sipariş Kodu	l	d	t	d1	r
	SNHQ150704S	15.875	15.875	7.94	5.8	0.4
	SNHQ190704S	19.05	19.05	7.94	6.4	0.4
	SNHQ200700S	20.00	20.00	7.00	6.4	0.0



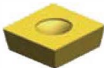
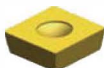

KES	Sipariş Kodu	l	d	t	d1	r
	KES150704S	15.875	15.875	7.94	5.8	0.4
	KES1811010S	18.3	18.3	10	6.9	1.0

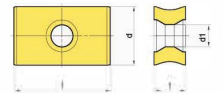
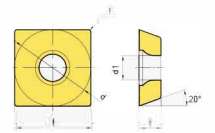
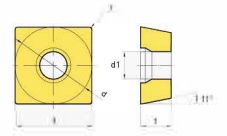


SOCX	Sipariş Kodu	l	d	t	d1	r
	SOCX1810ZZ	18.3	18.3	10	6.9	




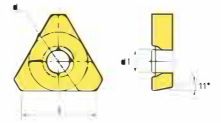
Kenar Frezeleme Uçları / Sheet Edge Proportion, Milling Inserts


SPEW	Sipariş Kodu	l	d	t	d1	r
	SPEW190606-BY	19	19	6.35	6.6	0.6
						
SEEW	Sipariş Kodu	l	d	t	d1	r
	SEEW22	22	22	6.35	5.8	0.3
						
LOCX	Sipariş Kodu	l	d	t	d1	r
	LOCX3010Z	30	18.3	10	6.8	
						

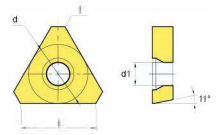


Kenar Frezeleme Uçları / Sheet Edge Proportion, Milling Inserts

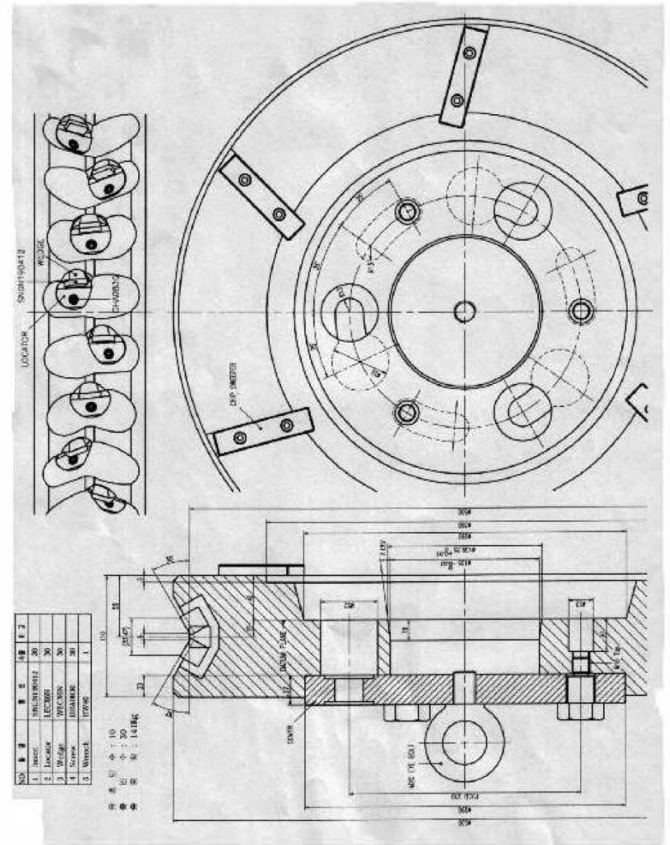
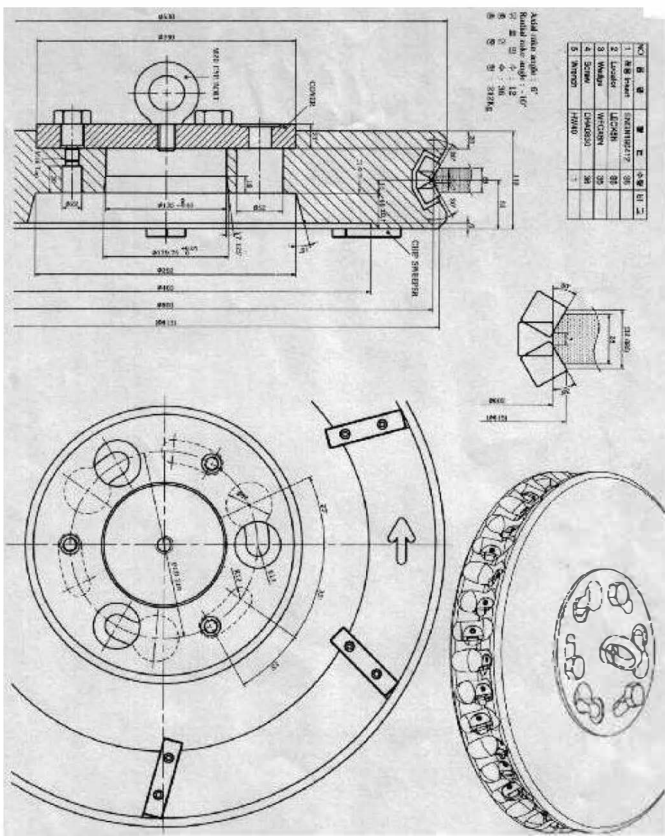
TPQW	Sipariş Kodu	l	d	t	d1	r
	TPEW3106ZS	22.5	18	6.35	7	
	TPEW33ZZSN-VA	24	19.05	7	6.7	
	TPGW3306Z-CX	24	19.05	7	6.7	



TPQW	Sipariş Kodu	l	d	t	d1	r
	TPEW33M715S	26.7	18.953	7	6.7	1.6
	TPEW33M726S	24	19.05	7	6.7	2.6



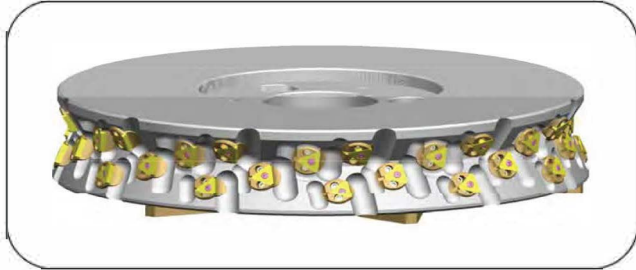
Kasetli Tip Kenar Frezeleme Kafası / Edge Milling Cutter with Cassette



Pipe Industry



- X Formlu+ Kolay Kilitlemeli (Direkt gövdeden kilitleme)
- X Form+Simple Clamping (Body-Direct Clamping)
- (Fazla diş sayısı sayesinde diğerleriyle karşılaştırıldığında daha yüksek seri hızı)
- Large number of tooth.Therefore compared to others may have a higher line speed.
- (Yüksek duyarlılık) High Precision.
- (Maksimum çap : 650 mm)
- Maximum Diameter Available : 650 mm



- Kartuş kalitesini yükseltebilme imkanı
- Available to improve locator quality.
- (Düşük onarım maliyeti) Low maintenance cost.
- (Ayarlanabilen parça boyu) Adjustable workpiece size.
- (Maksimum çap : 800 mm) Maximum Diamete Available



- I şekilli + Kartuş Sistemi - (Çubuk Tipi)
- I Form + Locator System (Bar Type)
- (Kartuş özeliğini yükseltebilme imkanı)
- Available to improve locator quality
- (Düşük onarım maliyeti) - Low maintenance cost.
- (Kafa hasarını önleme) Prevention of cutter damage.
- (Maksimum çap : 1.000 mm) Maximum Diammeter Available : 1.000 mm.

Pipe Industry



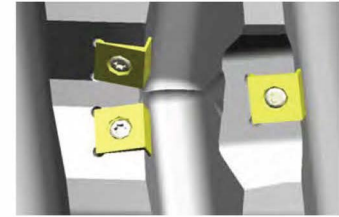
Kod / Designation

850x190x94.2x460KgR/LxWS-4

Ana Nokta / Main Point

Cutting Form : 1 Type (Straight) / (Kesme Şekli) : 1 tipi
Düz
Insert designation (Uç Dizaynı) : LNMN5000604
SNEN250604
Locator + Wedge type (Kartuş + Çivi Tipi)

Cutter DIA (Kesme Çapı) : 850
Total Number of Insert (Toplam Uç Sayısı) : 64 pcs
Weight (Ağırlık) : 460 Kg



Kod / Designation

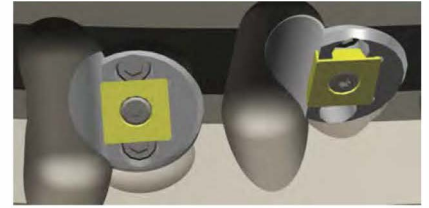
ECX600R/L-NS.AG3030.RF8.3H

Ana Nokta / Main Point

Cutting Form(Kesme Şekli) : X Type (X Tipi)
Insert Designation (Uç dizaynı) : SNHQ150704S
Screw on type: Türdeki vidalama

Cutter DIA (Kesici Çapı) : 600
Total Number of Insert (Toplam Uç Sayısı) : 54 pcs
Weight (Ağırlık) : 137Kg

Pipe Industry



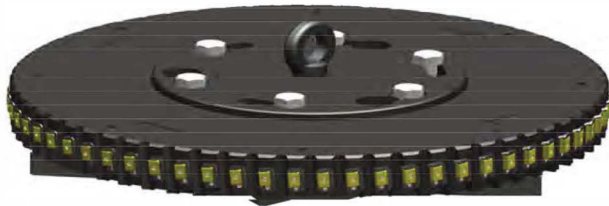
Kod / Designation

ECX443.6R/L-3232-BY

Ana Nokta / Main Point

Cutting Form (Kesici Tipi): X Type (X Tipi)
Insert designation (Uç Kodu): SPEW190606-BY
Locator Type (Kartuş Tipi)

Cutter DIA (Kesici Çapı): 443.6
Total Number of Insert (Toplam Uç Sayısı): 24 pcs
Weight (Ağırlık): 80 Kg



Kod / Designation

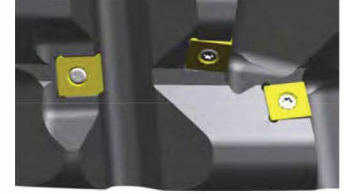
ENF1000R/L-SA-ID01

Ana Nokta / Main Point

Cutting Form (Kesici Tipi): I Type (Straight) (I Tipi-Düz)
Insert Designation (Uç Kodu): LOCX3010Z
Locator Type (Kesici Türü)

Cutter DIA (Kesici Çapı): 1000
Total Number of Insert (Toplam Uç Sayısı): 64 pcs
Weight (Ağırlık): 530 Kg

Pipe Industry



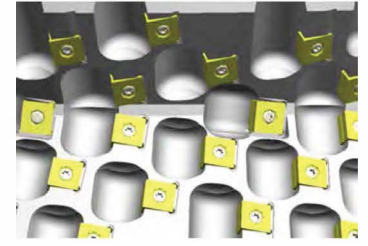
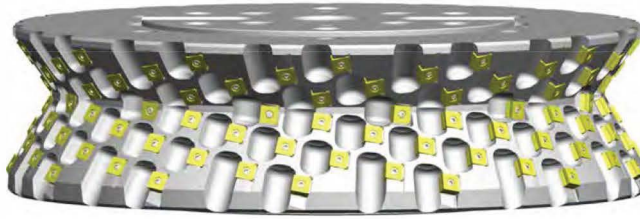
Kod / Designation

ECX420R/L-3535-NS

Ana Nokta / Main Point

Cutting Form (Kesici Tipi) : X Type (X Tipi)
Insert designation (Uç Kodu) : SSNHQ150704S
Screw on Type: (Türdeki Vidalama)

Cutter DIA (Kesici Çapı) : 420
Total Number of Insert (Toplam Uç Sayısı) : 30 pcs
Weight (Ağırlık) : 65 Kg



Kod / Designation

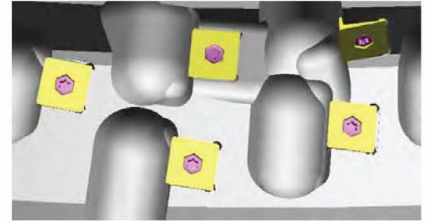
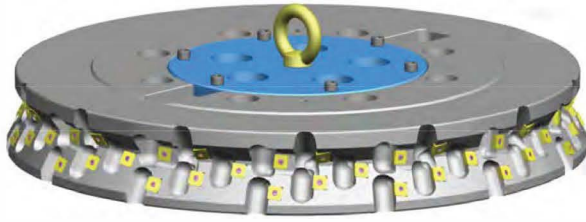
ECX500R/L-1113

Ana Nokta / Main Point

Cutting Form (Kesici Tipi) : X Type (X Tipi)
Insert Designation (Uç Kodu) : KES1507-MXR
Screw on Type: (Türdeki Vidalama)

Cutter DIA (Kesici Çapı) : 500
Total Number of Insert (Toplam Uç Sayısı) : 143 pcs
Weight (Ağırlık) : 250 Kg

Pipe Industry



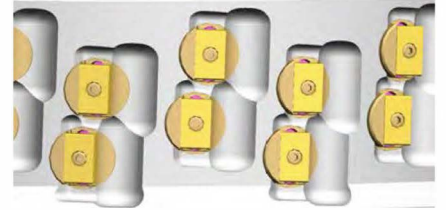
Kod / Designation

ECX640R/L-SK.AG3529.RF3

Ana Nokta / Main Point

Cutting Form (Kesici Tipi): X Type (X Tipi)
Insert designation (Uç Kodu): SPEW150608S
Screw on Type: (Türdeki Vidalama)

Cutter DIA (Kesici Çapı) : 640
Total Number of Insert (Toplam Uç Sayısı): 70 pcs
Weight (Ağırlık): 207 Kg



Kod / Designation

ECF600R/L-T70

Ana Nokta / Main Point

Cutting Form (Kesici Tipi) : I Type (Straight) (I tipi - Düz)
Insert Designation (Uç Kodu) : LOCX3010-DT1
Locator Type (Kartuş Tipi)

Cutter DIA (Kesici Çapı) : 600
Total Number of Insert (Toplam Uç Sayısı): 56 pcs
Weight (Ağırlık): 250 Kg

Pipe Industry



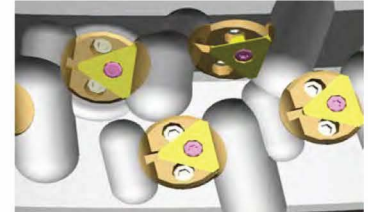
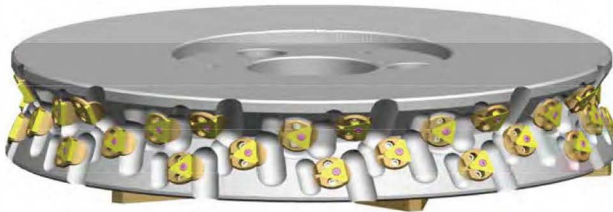
Kod / Designation

ECX600R/L-AG3825.RF4

Ana Nokta / Main Point

Cutting Form (Kesici Tipi) : X Type (X Tipi)
Insert designation (Uç Kodu) : LOCX3010-DT1
Locator Type (Kartuş Tipi)

Cutter DIA (Kesici Çapı) : 600
Total Number of Insert (Toplam Uç Sayısı) : 60 pcs
Weight (Ağırlık) : 300 Kg



Kod / Designation

ECX600R/L-HRB.AG30225.RF4

Ana Nokta / Main Point

Cutting Form (Kesici Tipi) : X Type
Insert Designation (Uç Kodu) : TPGW3306Z-1
Locator Type (Kartuş Tipi)

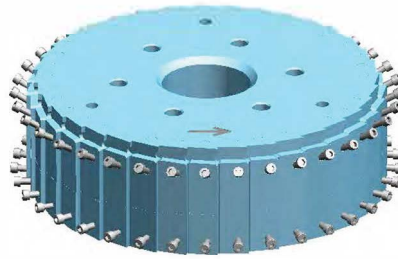
Cutter DIA (Kesici Çapı) : 600
Total Number of Insert (Toplam Uç Sayısı) : 48 pcs
Weight (Ağırlık) : 220 Kg

Pipe Industry



Cartridge (Kartuş)

+



Cutter Body (Kesici Gövde)



Assemble Cartridge (Kartuş Kurma)

Merits (Yarar)

Make it possible to applicatoin all kind form of cartridge at a cutter body (Bir kesici gövdede tüm kartuş uygulama çeşitlerini mümkün kılar.)

Make it possible to process all kind of form like I, X, Y (I,X,Y gibi tüm formları işlemeyi mümkün kılar.)

Make it easy to change the cartridge of the damaged one. (Zarar gören kartuşu kolay değiştirme imkanı sunar.)

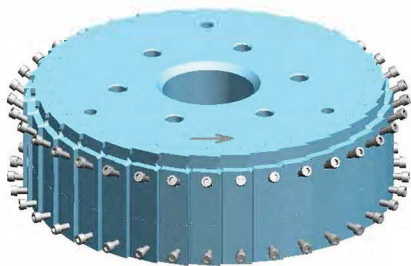
Make it possible the control of root face length when cutting X form. (X formu kesiminde kök yüzü parçasının kontrolünü mümkün kılar.)

Demerits (Uyarı)

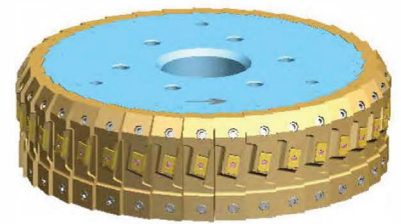
Bad point is the cost increase at the beginning (Başlangıçtaki maliyet artışı)

Pipe Industry

Cartridge Combination
(Kartuş Kombinasyonu)
The Basic Dia: 600



Cutter Body
(36 pcs => Seat)

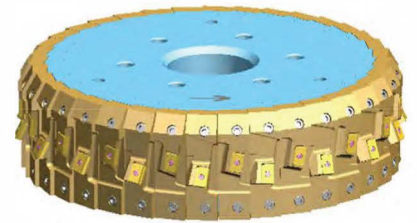


Eff.Inserts 36 pcs

+



● Y cutting



Eff.Inserts 18 pcs




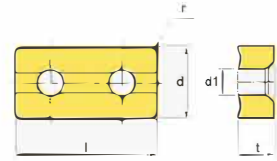
● X cutting




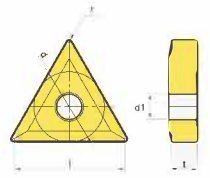
Eff.Inserts 12 pcs


Boru Kaynak Ağzı Açma Uçları / Tube and Pipe End Beveling

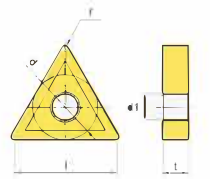
LNUX	Sipariş Kodu	l	d	t	d1	r
	LNUX400624BF	40	25.4	6.35	9.2	2.4
	LNUX400924BF	40	25.4	9.52	9.2	2.4
	LNUX501224-BF	50	25.4	12.7	9.2	2.4
	LNUX601224-BF1	60	25.4	12.7	9.2	2.4
	LNUX701224EN	70	25.4	12.7	9.2	2.4

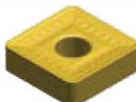


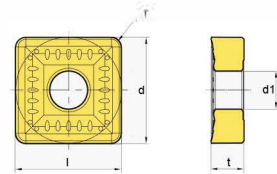
TNMM	Sipariş Kodu	l	d	t	d1	r
	TNMM440912Z	40	25.4	9.52	9.1	1.2
	TNMM440912Z-B	40	25.4	9.52	9.1	1.2



TNMG	Sipariş Kodu	l	d	t	d1	r
	TNMG270612KP-ST	23	15.875	9.52	9.1	1.2
	TNMG330916KP-ST	27	19.05	9.57	9.1	1.6
	TNMG330704-ST	31.62	19.05	7.94		1.6

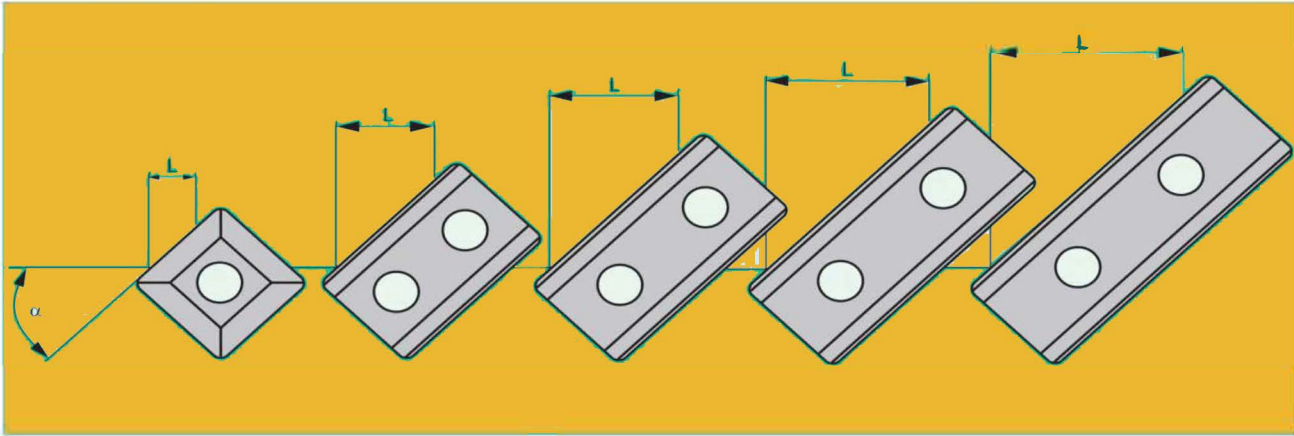


SNMM	Sipariş Kodu	l	d	t	d1	r
	SNMM250724-HZ	25.4	25.4	7.94		2.4



Et Kalınlığı ve Pah Açısına Göre Uygun Takımın Seçilmesi

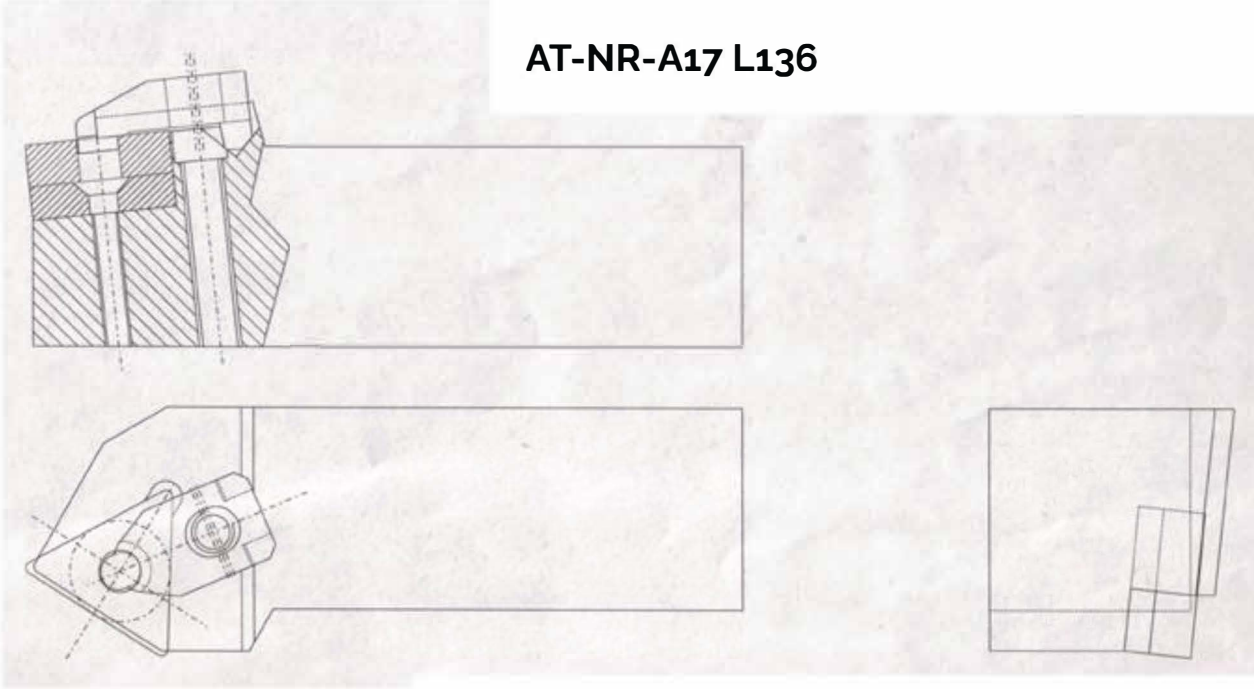
Choice of the appropriate tool in relation to wall thickness and chamfer angle



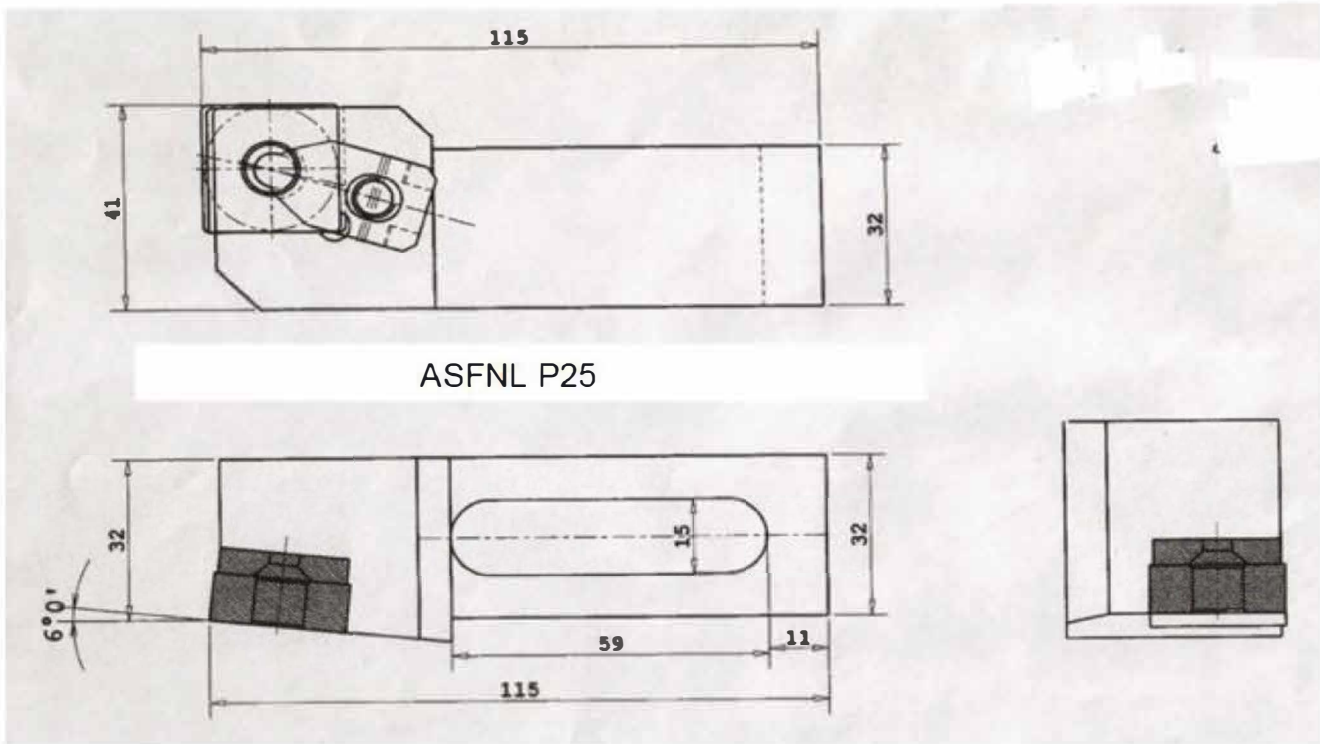
Kartuş Takma Ucu	Cartridge Indexable insert	K-2 R/L SNMM 25	K-4 R/L LNUX 40	K-5 R/L LNUX 50	K-6 R/L LNUX 60	K-7 R/L LNUX 70
Pah Chamfer		L = max. L = Maximum Wall Thickness (Maksimum et kalınlığı)				
α = 0°		16,0	32,0	40,0	50,0	60,0
α = 2°		16,0	32,0	40,0	50,0	60,0
α = 3°		16,0	32,0	40,0	50,0	60,0
α = 4°		16,0	32,0	40,0	49,5	60,0
α = 5°		15,5	32,0	40,0	49,5	59,5
α = 6°		15,5	32,0	40,0	49,5	59,5
α = 7°		15,5	32,0	39,5	49,5	59,5
α = 10°		15,5	31,5	39,5	49,0	59,0
α = 12,5°		15,5	31,0	39,0	48,5	58,5
α = 15°		15,5	31,0	38,5	48,0	58,0
α = 17,5°		15,0	30,5	38,0	47,5	57,0
α = 20°		15,0	30,0	37,5	46,5	56,0
α = 22°		15,0	29,5	37,0	46,0	55,0
α = 25°		14,5	29,0	36,0	45,0	54,0
α = 27°		14,0	28,5	35,5	44,0	53,0
α = 30°		14,0	27,5	34,5	43,0	51,0
α = 32°		13,5	27,0	34,0	42,0	50,0
α = 35°		13,0	26,0	32,5	40,5	48,0
α = 37°		12,5	25,5	32,0	39,5	47,0
α = 40°		12,0	24,5	30,5	37,5	45,0

Kaynak Ağzı Açma Takımları / Beveling Tools

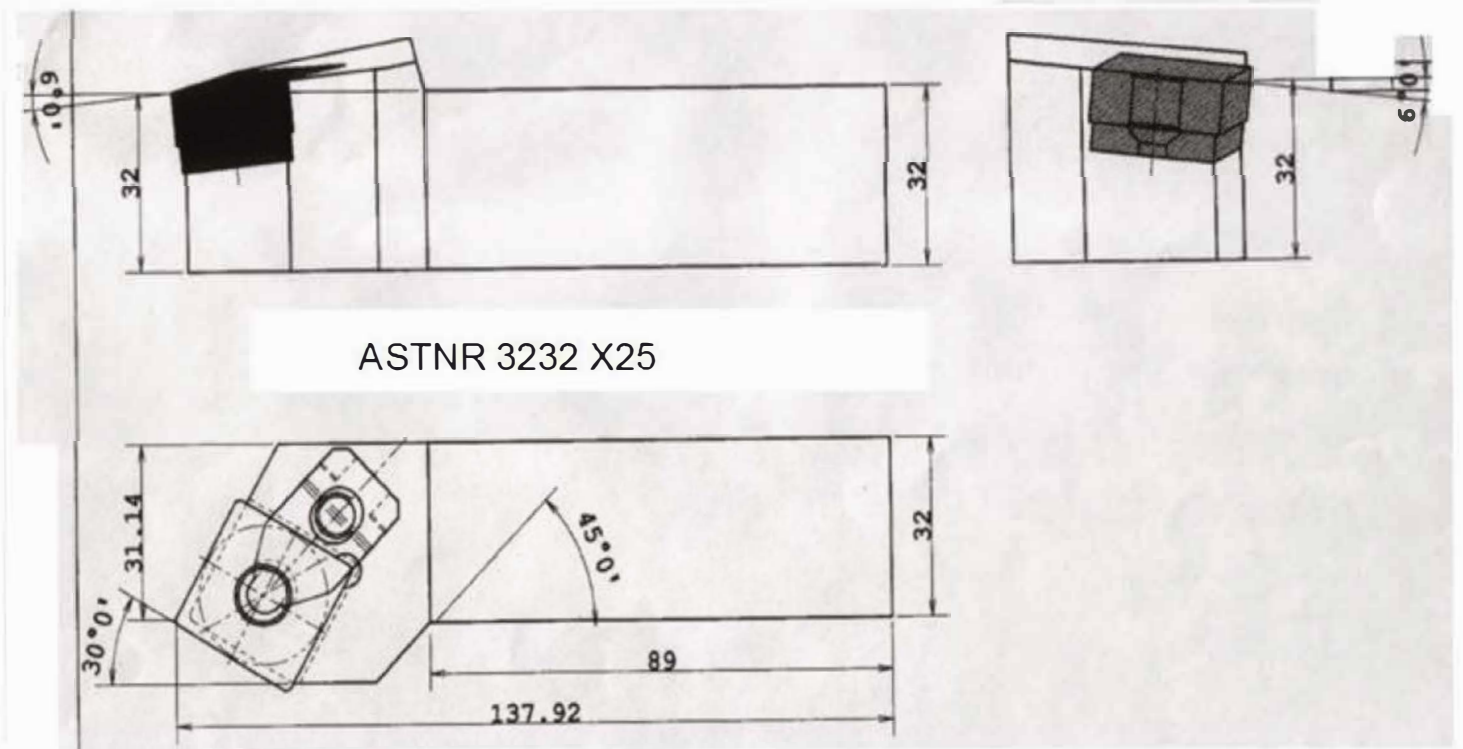
AT-NR-A17 L136



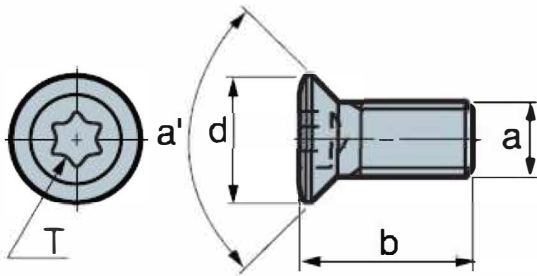
Kaynak Ağzı Açma Takımları / *Bevelling Tools*



Kaynak Ağzı Açma Takımları / *Bevelling Tools*

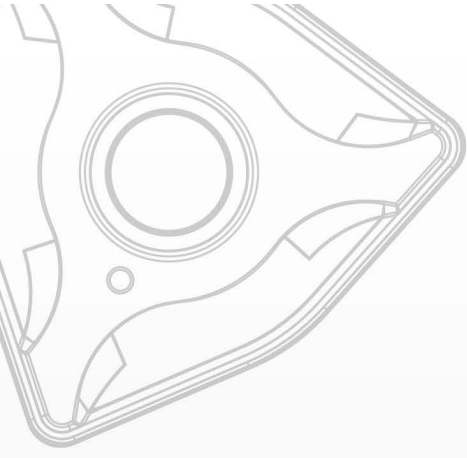


Torx Uç Sıkma Vidası / Insert Screw



FTNA

0307	M3 x 0.5	7.2	4.2	9	60°
0406	M4 x 0.7	8.5	5.5	15	60°
0411	M4 x 0.7	11.0	5.5	15	60°
0415	M4 x 0.7	15.0	5.5	15	60°
0513	M5 x 0.8	13.0	7.0	20	60°
0516	M5 x 0.8	16.0	7.0	20	60°
0518	M5 x 1.0	17.2	8.8	20	60°



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