

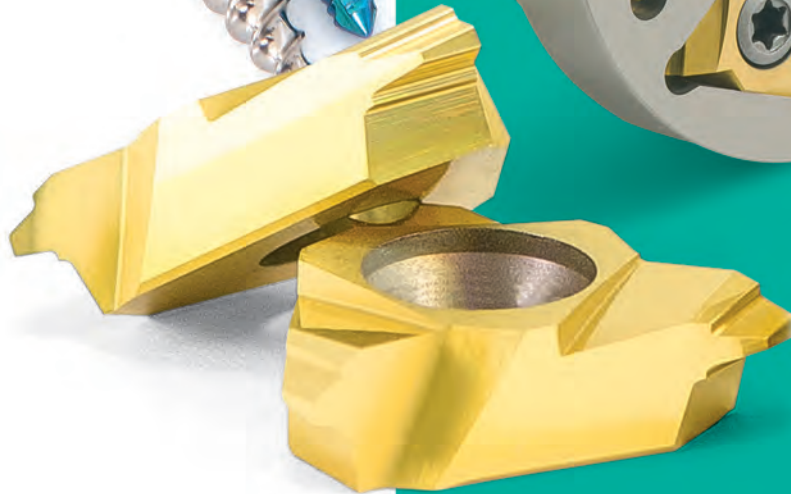
WHIRLING

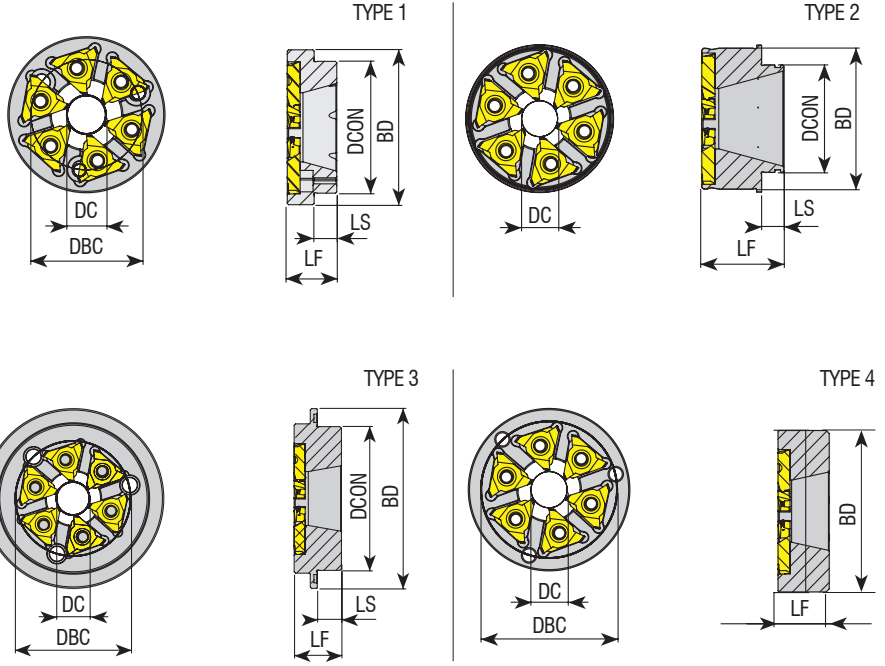
WHIRLING UÇLARI ve TAKIMLARI

WHIRLING INSERTS and TOOLHOLDERS

WENDESCHNEIDPLATTEN UND WERKZEUGHALTER ZUM

GEWINDEWIRBELN





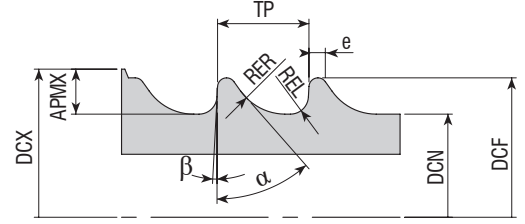
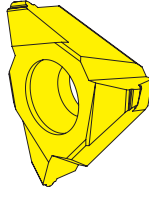
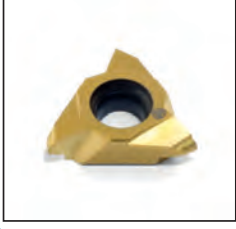
Makine Machine Maschine	Tahrikli Whirling Ünitesi Aggregate Whirling Unit Wirbelspindel	Whirling Ring Kodu Whirling Ring Code Wirbelring	Stok Stock Lager	Takım Ölçüleri (mm) Dimension (mm) Abmessung (mm)								Kesici Uç Insert Wendeschneidplatte	Yedek Parçaları / Spare Parts / Ersatzteile				
				ZEFP	DC	DCON	DBC	BD	LS	LF	TYPE		Sıkma Vidası Screw Schraube	Tork Anahtar Torx Key Torx-Schlüssel			
STAR	5914 72 00/68172	ATW-301-T09-D1240-Z06	●	6	12	40	33	47	7	15	1						
CITIZEN	BTW1000	ATW-302-T09-D1233-Z06	○	6	12	33	40	47	4	18.5	-						
	GSW101	ATW-303-T09-D0620-Z06	○	6	6	20	26	35	3.2	15	1						
	MWS101/KSW101	ATW-304-T09-D1240-Z06	○	6	12	40	32.5	46	2.5	15.5	1						
	LSW101/BSW215/ LSW215315																
	LSW424														ATW-305-T09-D1245-Z06	○	6
TORNOS	306101/307087	ATW-306-T09-D1240-Z06	●	6	12	40	31	57	3.5	15	-				T09....	4015 M4x11	80-T15
	417617	ATW-307-T09-D1250-Z06	○	6	12	50	40	67	3.5	15.4	-						
WTO	TN762004	ATW-308-T09-D1142-Z06	●	6	11	31.97	-	42	6.7	24.7	2						
	TN762006	ATW-309-T09-D2054-Z08	○	8	20	56.5	-	54	1.5	13.8	2						
TSUGAMI	3234 Y342	ATW-310-T09-D1252-Z06	●	6	12	52	42	65	8.7	17	3						
	3268 Y452	ATW-311-T09-D1252-Z06	○	6	12	52	44	52	10	10	3						
	3268 Y271	ATW-312-T09-D1252-Z06	○	6	12	52	38	54	6	19	3						
	3214 Y342	ATW-313-T09-D1650-Z06	○	6	16	50	40	62	8.5	20	3						
	3234 Y342	ATW-314-T09-D2052-Z06	○	6	20	52	42	65	8.7	17	3						
	3281-Y451	ATW-316-T09-D1252-Z06	●	6	12	52	44	52	-	17	4						
HANWHA	MADAULA	ATW-315-T09-D1245-Z06	○	6	12	45	-	56	8.5	15	1						

R: Sağ / Right / Rechts L: Sol/Left/Links

● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel

1 ad./pcs./stück ATW-301-T09-D1240-Z06

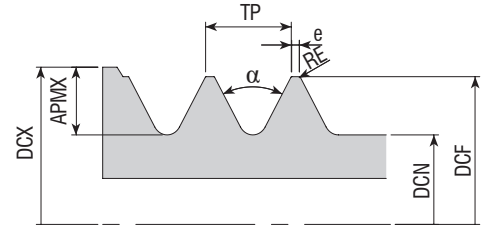
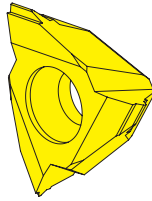
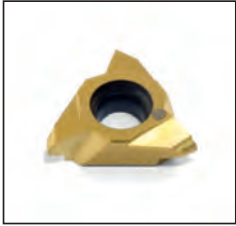


Uç Kodu
Insert Code
Wendeplatten-Bezeichnung

Kalite Grade Sorte	Standart ISO5835

Uç Ölçüleri (mm)
Insert Dimension (mm)
Abmessung (mm)

	TP	e	DCF	DCN	RER	REL	α	β	APMX	DCX
T09.HA150.D12	0.5	0.1	1.35 to 1.5	1.0 to 1.1	0.30	0.1	35°	3°	4	9
T09.HA200.D12	0.6	0.1	1.85 to 2.0	1.2 to 1.3	0.40	0.1	35°	3°	4	9
T09.HA270.D12	1	0.1	2.55 to 2.7	1.75 to 1.9	0.60	0.2	35°	3°	4	9.5
T09.HA350.D12	1.25	0.1	3.35 to 3.5	2.25 to 2.4	0.80	0.2	35°	3°	4	10
T09.HA400.D12	1.5	0.1	3.85 to 4.0	2.75 to 2.9	0.80	0.2	35°	3°	4	10.5
T09.HA450.D12	1.75	0.1	4.35 to 4.5	2.85 to 3.0	1.00	0.3	35°	3°	4	11
T09.HA500.D12	1.75	0.1	4.85 to 5.0	3.35 to 3.5	1.00	0.3	35°	3°	4	11
T09.HB400.D12	1.75	0.1	3.85 to 4.0	1.75 to 1.9	0.80	0.3	25°	5°	4	9.5
T09.HB650.D12	2.75	0.2	6.35 to 6.5	2.85 to 3.0	1.20	0.8	25°	5°	4	11

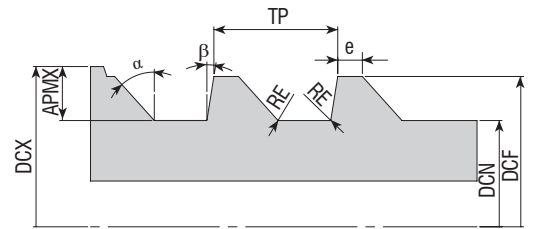
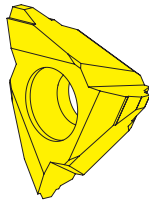
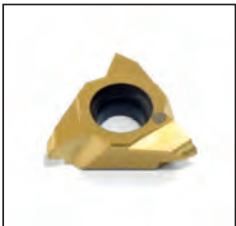


Uç Kodu
Insert Code
Wendeplatten-Bezeichnung

Kalite Grade Sorte	Standart ISO9268

Uç Ölçüleri (mm)
Insert Dimension (mm)
Abmessung (mm)

	TP	e	DCF	DCN	α	RE	APMX	DCX
T09.HC290.D12	1.06	0.1	2.79 to 2.90	2.03 to 2.18	60°	0.01	4	10.5
T09.HC350.D12	1.27	0.1	3.43 to 3.53	2.51 to 2.64	60°	0.01	4	11
T09.HC390.D12	1.27	0.1	3.78 to 3.91	2.77 to 2.92	60°	0.01	4	11.5
T09.HC420.D12	1.27	0.1	4.09 to 4.22	2.95 to 3.25	60°	0.01	4	12



Uç Kodu
Insert Code
Wendeplatten-Bezeichnung

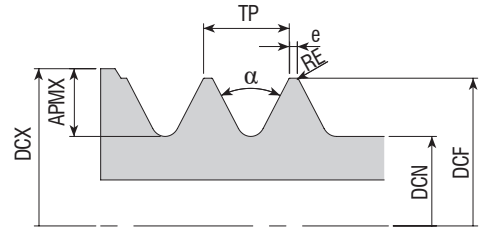
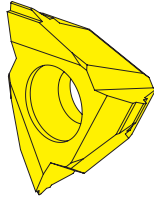
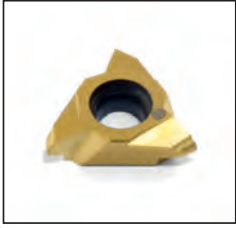
Kalite Grade Sorte	Standart ISO9268

Uç Ölçüleri (mm)
Insert Dimension (mm)
Abmessung (mm)

	TP	e	DCF	DCN	RE	α	β	APMX	DCX
T09.HD400.D12	1.59	0.1	3.97 to 4.03	2.89 to 2.95	0.01	45°	10°	4	11.5
T09.HD450.D12	2.18	0.1	4.47 to 4.53	2.89 to 2.95	0.01	45°	10°	4	12

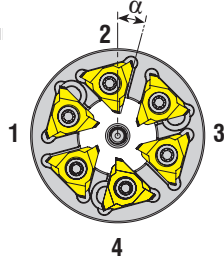
R: Sağ / Right / Rechts L: Sol/Left/Links
● Stokta / In Stock / Auf Lager ○ Stokta Yok / Non Stock Item / Kein Lagerartikel, Lieferzeit auf Anfrage

Sipariş Örneği/Ordering Example/Bestellbeispiel
1 ad./pcs./stück T09.HA150.D12



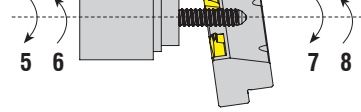
Uç Kodu Insert Code Wendepplatten-Bezeichnung	Kalite Grade Sorte		Standart DIN13	Uç Ölçüleri (mm) Insert Dimension (mm) Abmessung (mm)						
	VK15U	VK15U01		TP	DCF	DCN	a	RE	APMX	DCX
T09.M200.D12	●	●	M2	0.4	2	1.509	60	0.048	4	9
T09.M250.D12	●	●	M2.5	0.45	2.5	1.928	60	0.055	4	9.5
T09.M300.D12	●	●	M3	0.5	3	2.387	60	0.062	4	10
T09.M350.D12	●	●	M3.5	0.6	3.5	2.744	60	0.077	4	8.5
T09.M400.D12	●	●	M4.0	0.7	4	3.141	60	0.091	4	11
T09.M500.D12	●	●	M5.0	0.8	5	4.019	60	0.105	4	11.5
T09.M600.D12	●	●	M6.0	1	6	4.773	60	0.134	4	12.5
T09.M700.D12	●	●	M7.0	1	7	5.753	60	0.134	4	13.5
T09.M800.D12	●	●	M8.0	1.25	8	6.446	60	0.17	4	14

Kesme başlangıç pozisyonu
Cutting Start Position
Startposition Schneidvorgang



Y Eksen
Y Axis
Y-Achse

İş parçası dönüş yönü
Turning Direction of Workpiece
Drehrichtung Werkstück



Whirling ünitesi dönüş yönü
Turning Direction of Whirling unit
Drehrichtung Gewindewirbel
Werkzeug

Makine Özellikleri Machine Specifications Angaben zur Maschine		Malzeme Özellikleri Material Specifications Material Besonderheiten	
Makine Üreticisi Machine Manufacturer Maschinenhersteller		Malzeme (DIN, AISI v.b.) Material (DIN, AISI etc.) Material DIN, AISI etc.	
Makine Modeli Machine Model Maschinenbezeichnung		Ham Malzeme Çapı Raw Material Diameter Rohmaterial Durchmesser	
Tahrikli Whirling Ünitesi Üreticisi Live Tool Manufacturer Hersteller angetriebene Werkzeuge		Diş Profili Thread Profile Gewindeprofil	
Tahrikli Whirling Ünitesi Aggregate Whirling Unit Wirbelspindel		Profil Teknik Resmi Profile Technical Drawing Profilzeichnung	
Y - Eksen Y - Axis Y - Achse	Var Exist <input type="checkbox"/>	Yok None <input type="checkbox"/>	Hatve Pitch Steigung
Yüksek Basınçlı Soğutma High Pressure Coolant Hochdruckkühlung	Var Exist <input type="checkbox"/>	Yok None <input type="checkbox"/>	Tek Ağız One Start Eingängig
Kesme Başlangıç Pozisyonu Cutting Start Position Startposition Schneidvorgang	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>		İki Ağız Two Starts Zweigängig
Whirling Ünitesi Dönüş Yönü Turning Direction of Whirling Unit Drehrichtung Gewindewirbel-Werkzeug	5 <input type="checkbox"/> 6 <input type="checkbox"/>		Müşteri Adı / Customer Name / Kundename:
İş Parçası Dönüş Yönü Turning Direction of Workpiece Drehrichtung Werkstück	7 <input type="checkbox"/> 8 <input type="checkbox"/>		Yetkili / Responsible Person / Ansprechpartner :
α Açısı α Angle α Winkel	Not: Bu açı ürün performansına etki ettiğinden bildirilmesi gerekmektedir. Aksi halinde ring tarafımıza gönderilmelidir. Note: This angle effects the performance of inserts. If doesn't known, tool body should be send to AKKO. Hinweis: Dieser Winkel beeinflusst die Leistung der Wendschneidplatte. Sollte dieser Winkel unbekannt sein, können Sie das Werkzeug zur Fa. AKKO schicken.		
Not / Note / Notizen :			

