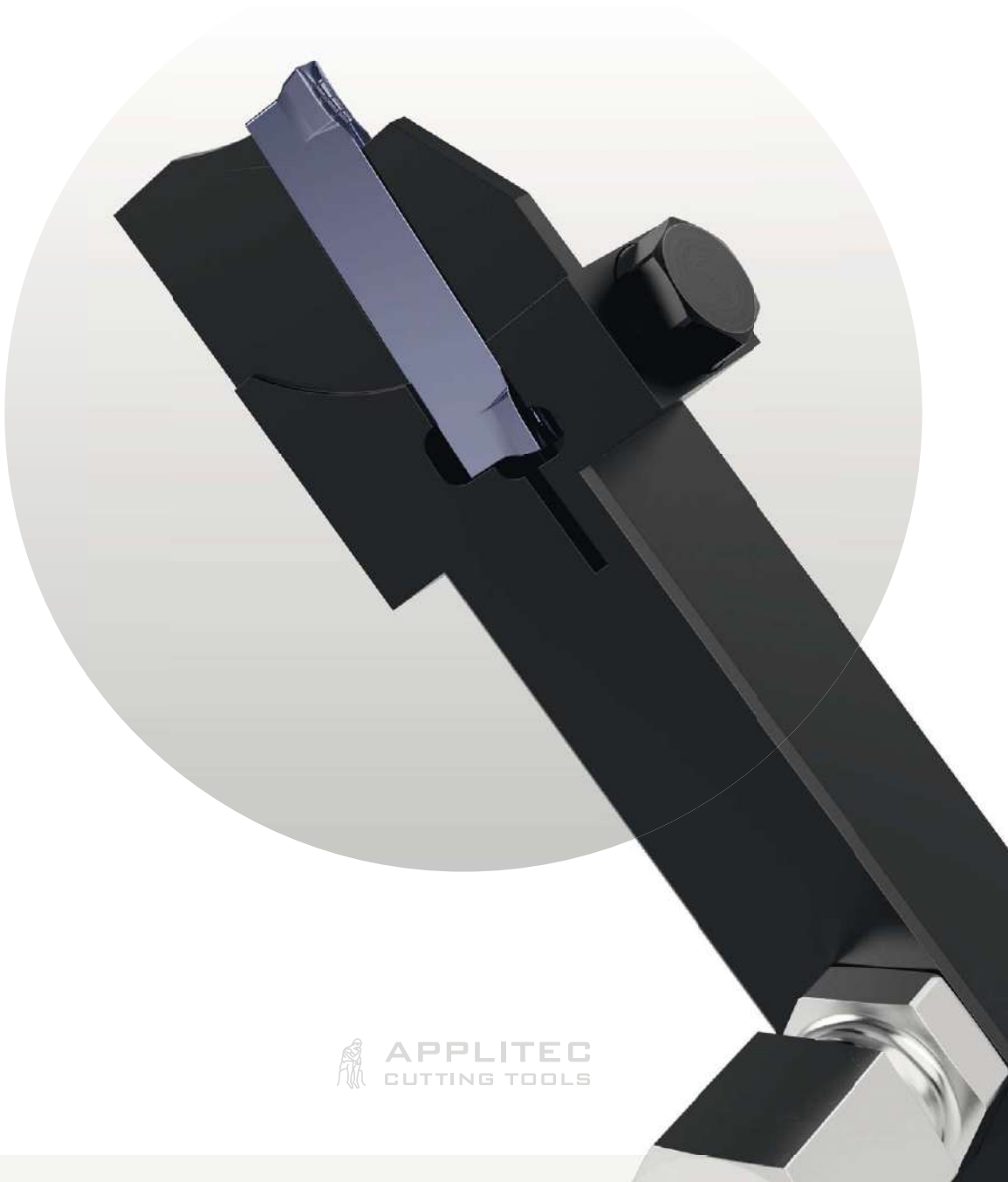


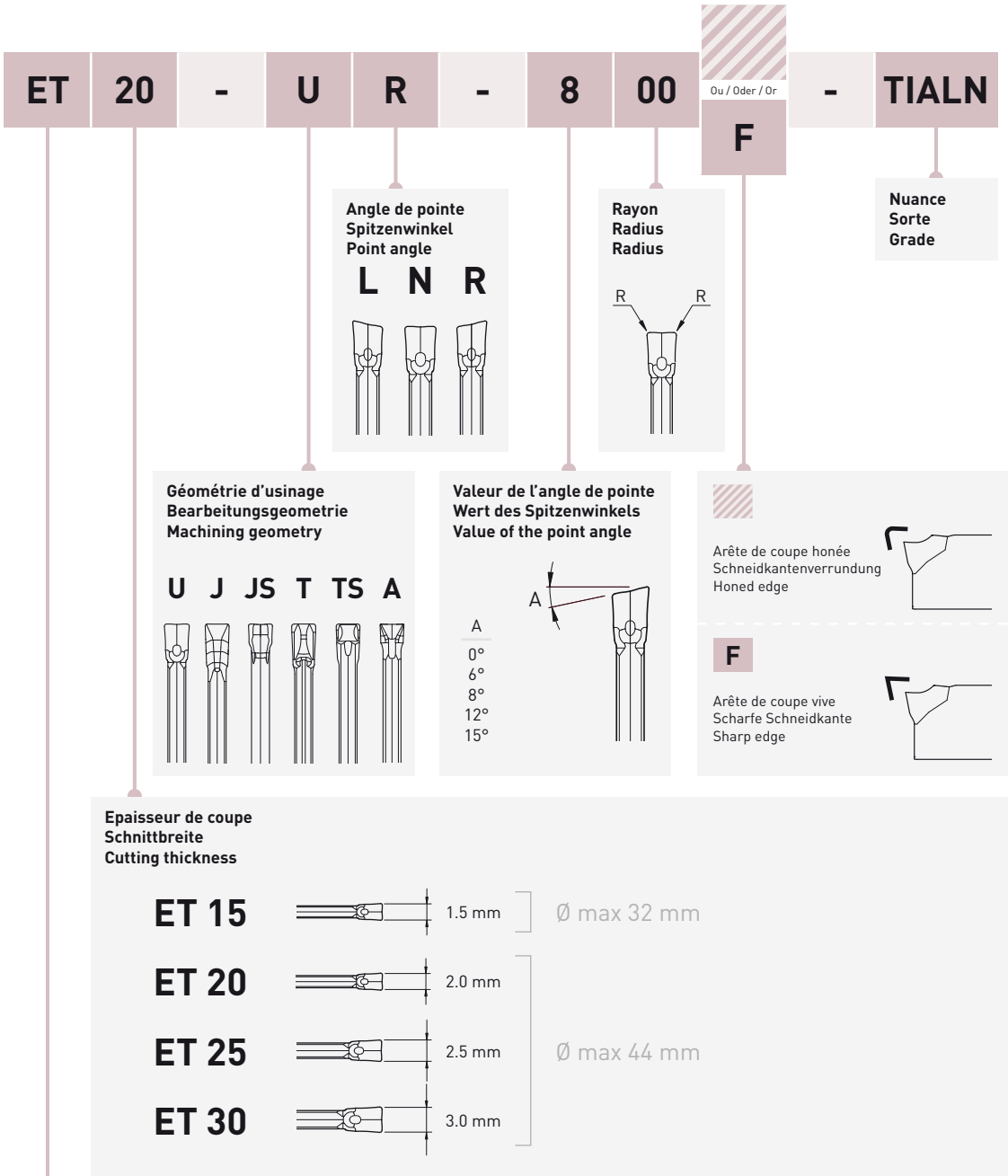
EVO CUT-Line



APPLITEC
CUTTING TOOLS

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Applitec EVO CUT-Line
Applitec EVO CUT-Line
Applitec EVO CUT-Line

Système performant dédié pour le tronçonnage
Leistungsstarkes System für das Abstechen
High-performance system for cutting

EVOCUT-Line

Infos et avantages

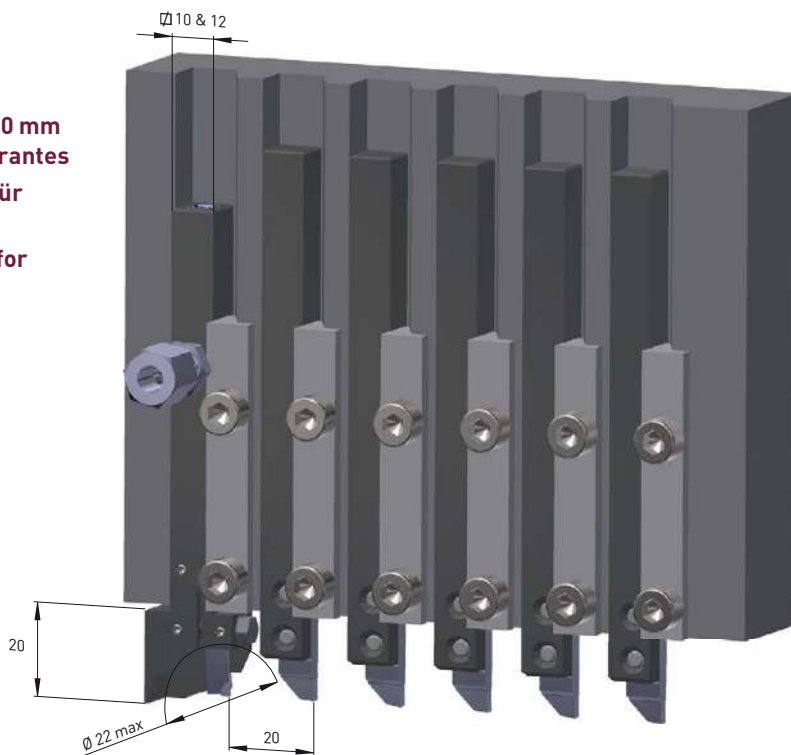
Infos und Vorteile

Infos and advantages

**Compact : seulement 20 mm
pour les machines courantes**

**Kompakt : nur 20 mm für
übliche Maschinen**

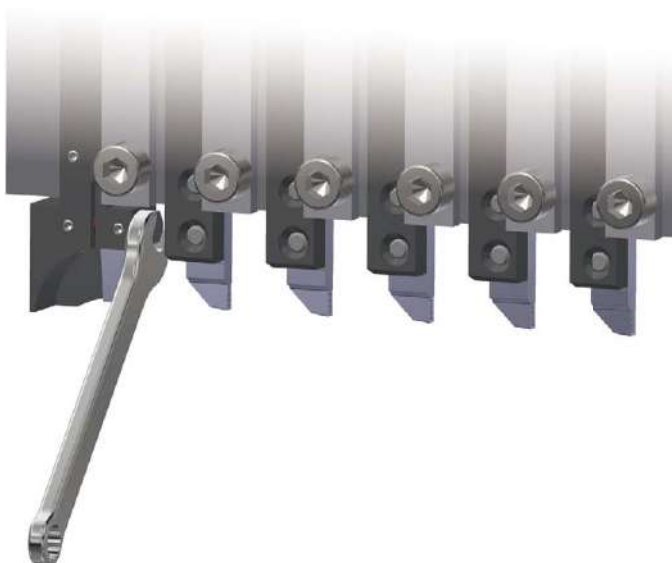
**Compact : only 20 mm for
current machines**



Facilité d'accès

Zugangsleichtigkeit

Excellent accessibility



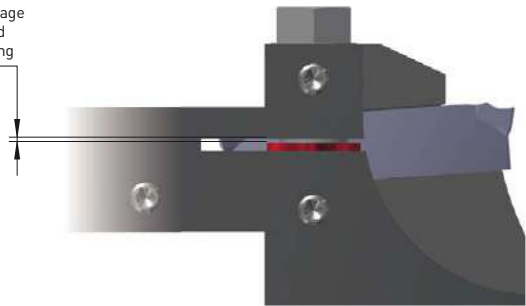
**Changement de la plaque
sans démontage**

**Veränderung der Platte
ohne Zerlegung**

**Change of insert
without disassembly**

Butée de serrage
Spannungs-Anschlag
Clamping stop

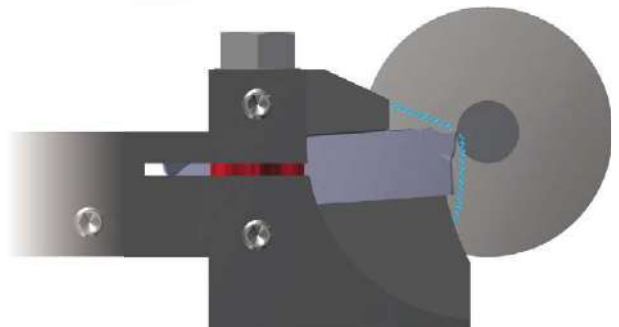
Distance de serrage
Anschlagabstand
Distance clamping



Recommandations de serrage :
n'utiliser que la clé fournie
Spannungsempfehlungen :
nur den gelieferten Schlüssel benutzen
Tightening recommendation :
only use the delivered key



Support JET à double lubrification
JET Halter mit doppeltem Schmierung
Jet holder with double lubrication



EVOCUT-Line

Infos et avantages

Infos und Vorteile

Infos and advantages

Porte-outils / Halter / Holders

H

Système de serrage monobloc
Einteiliges Klemmsystem
Monobloc top clamp system



H JET

Porte-outils avec arrosage intégré
Halter mit integrierter Kühlmittelzufuhr
Holders with integrated coolant supply



**H-HM-JET
GWS-HM
MS-HM
HSK**

Porte-lames avec arrosage
Halter für Stechklinge mit Kühlung
Holder for parting-off blades with coolant



**HM
HK
HUK**

Lames
Stechklinge
Parting-off blades

Plaquettes / WSP / Inserts



U



J



JS



T



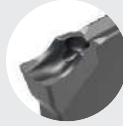
TS



A

UN

UL UR



- géométrie positive universelle, faibles efforts de coupe
- bonne maîtrise du copeau
- 1^{er} choix pour l'inox
- allgemeine Geometrie, geringe Schnittkräfte
- gute Spankontrolle
- 1. Wahl für rostfreiem Stahl
- all-round geometry, low cutting forces
- efficient chip control
- 1st choice for stainless steel

JN

JR



- géométrie universelle
- excellent rétrécissement du copeau pour un meilleur contrôle
- conseillé pour le tronçonnage de pièces à parois minces
- pour acier et inox
- allgemeine Geometrie
- ausgezeichnete Spanversmälnerung für eine bessere Spankontrolle
- für abstechen von dünnwandigen Teilen empfohlen
- für Stahl und rostfreiem Stahl
- all-round geometry
- very efficient arrow for a better chip control
- recommended for parting off of thin-walled parts
- for steel and stainless steel

JSN



- géométrie spéciale et étroite pour un meilleur contrôle du copeau
- recommandé pour l'acier avec faible taux de carbone, alliages Chrome nickel et acier 100Cr6
- spezielle und schmale Geometrie für eine bessere Spankontrolle
- empfohlen für Stahl mit niedrigem Kohlenstoffgehalt sowie Chrom-Nickel-Legierungen und 100Cr6-Stahl
- special and narrow geometry for better chip control
- recommended for low-carbon steel, chrome-nickel alloys and 100Cr6 steel

TN

TR



- géométrie négative
- utilisation dans des conditions de rigidité optimale
- pour les matières à haute ténacité
- universel pour les aciers et inox
- negative Geometrie
- bei stabilen Verhältnissen einsetzbar
- für hohe widerstandsfähige Rohstoffe
- allgemein für Stahl und rostfreiem Stahl
- negative geometry
- use in solid cutting conditions
- for high toughness material
- universal for steel and stainless steel

TSN



- géométrie négative similaire à TN pour avances modérées depuis 0.05mm/t
- conseillé pour les matières tenaces aciers et inox
- negative Geometrie ähnlich wie TN für moderate Vorschübe ab 0,05 mm/U
- Empfohlen für zähe Werkstoffe, Stahl und rostfreien Stahl
- negative geometry similar to TN for moderate feeds from 0.05 mm/rev
- recommended for tough materials, steel, and stainless steel

AN

AR



- géométrie fortement positive
- roule-copeaux poli avec arêtes de coupe vives
- 1^{er} choix pour aluminium et matériaux non ferreux
- stark positive Geometrie
- geschliffene Spanrolle mit scharfe Schneidkanten
- 1. Wahl für Aluminium und Nichteisenmetalle
- very positive geometry
- polished chip roller with sharp cutting edge
- 1st choice for aluminium and non-ferrous materials

EVOCUT-Line

Nuances

Sorten

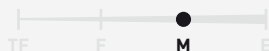
Grades

TiAlN



Revêtement PVD

PVD Beschichtung
PVD coating



P	★★★★★
M	★★★★★
N	★★★★★
S	★★★★★

- pour l'usinage des aciers, aciers inoxydables et alliages de titane
- 1^{er} choix pour les avances faibles à modérées

- für die Bearbeitung von Stahl, rostfreien Stahl und Titanlegierungen
- erste Wahl für niedrige bis mittlere Vorschübe

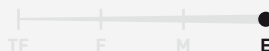
- for machining of steel, stainless steel and titanium alloys
- first choice for low to average cutting speed

Tmax



Revêtement PVD

PVD Beschichtung
PVD coating



P	★★★★★
M	★★★★★
N	★★★★★
S	★★★★★

- nuance pour usinage moyen à lourd des aciers, aciers alliés et inoxydables
- bonne résistance aux températures d'usinage élevées
- 1^{er} choix pour le tronçonnage des aciers au carbone et des aciers fortement alliés

- Sorte für mittlere bis hohe Belastung in Stahl und legierter Stahlbearbeitung
- gute Bearbeitungswarmfestigkeit
- erste Wahl für die Bearbeitung von legiertem Kohlenstahl und hoch legiertem Stahl

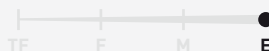
- grade for medium to heavy machining of steel, stainless steel and alloyed steel
- high machining heat resistance
- first choice for the machining of carbon steel and high alloyed steel

Zmax



Revêtement PVD

PVD Beschichtung
PVD coating

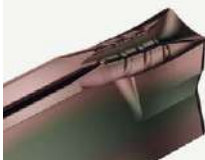
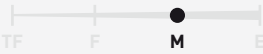
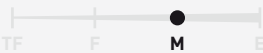


P	★★★★★
M	★★★★★
N	★★★★★
S	★★★★★

- pour l'usinage des aciers, aciers inoxydables et alliages de titane en conditions défavorables
- bonne résistance aux chocs à des vitesses de coupe moyennes à faibles
- 1^{er} choix pour le tronçonnage en coupe interrompue

- für die Bearbeitung von Stahl, rostfreiem Stahl und Titanlegierungen in schwierige Bearbeitungsfälle
- gute Bruchfestigkeit mit durchschnittliche bis niedrige Schnittgeschwindigkeit
- erste Wahl für die Bearbeitung in unterbrochenen Schnitte

- for machining of steel, stainless steel and titanium alloys in unfavourable machining conditions
- good impact resistance with average to low cutting speed
- first choice for machining in interrupted cut

ZTi6  • nuance très tenace • grande résistance à la température • 1^{er} choix pour les aciers « haute température » • également recommandé pour les aciers inox	Revêtement CVD CVD Beschichtung CVD coating  Grade Legend: - P ★★★★★ - M ★★★★★ - N ★★★★★ - S ★★★★★ • sehr zähe Sorte • hohe Bearbeitungswarmfestigkeit • erste Wahl für „hohe Temperatur“ Stähle • auch für rostfreie Stähle empfohlen	• very strong grade • good wear resistance • first choice for “high temperature” steels • also recommended for stainless steels
AC  • nuance pour métaux non ferreux • très faible coefficient de frottement • 1^{er} choix pour l’usinage des aluminiums, des cuivres et titanes faiblement alliés	Revêtement PVD PVD Beschichtung PVD coating  Grade Legend: - P ★★★★★ - M ★★★★★ - N ★★★★★ - S ★★★★★ • Sorte für Nichteisenmetalle • sehr geringer Reibwert • erste Wahl für die Bearbeitung von Aluminium, Kupfer und niedriglegiertem Titan	• grade for non-ferrous materials • very low friction ratio • first choice for Aluminium, copper and low alloyed titanium
N  • nuance non revêtue • recommandé pour l’usinage des matières non ferreuses • titane, laiton, cuivre, aluminium sans silicium, plastique	Non revêtu Unbeschichtet Uncoated Grade Legend: - P ★★★★★ - M ★★★★★ - N ★★★★★ - S ★★★★★ • unbeschichtete Sorte • für die Bearbeitung von Nichteisenmetalle empfohlen • Titan, Messing, Kupfer, Silicium freies Aluminium, Kunststoff	• uncoated grade • recommended for machining of non-ferrous materials • titanium, brass, bronze, aluminium without silicium, plastic

EVOCUT-Line

Paramètres de coupe indicatifs

Empfohlene Schnittwerte

Standard machining data

★★★★★

★★★★

★★★

						Acier Stahl Steel						Inox Rostfreistahl Stainless steel	
		ET15	ET20	ET25	ET30	Acier de décolletage Automatenstahl Free-cutting steel		Acier faiblement allié Leicht legierter Stahl Low alloyed steel		Acier fortement allié Legierter Stahl High alloyed steel		Austénitique et martensitique Austenitic and martensitic Austenitic and martensitic	
		VC (m/min)		F (mm/U)		VC (m/min)		F (mm/U)		VC (m/min)		F (mm/U)	
Avance standard Standard Vorschub Standard feed rate	 UN	TiAlN	●	●	●	90-140	0.04-0.08	60-120	0.04-0.08	50-100	0.04-0.08	50-120	0.04-0.08
		Tmax	●	●	●	100-170	0.04-0.08	70-150	0.04-0.08	60-120	0.04-0.08	60-150	0.04-0.08
		Zmax	●	●	●	80-130*	0.04-0.10	50-110*	0.04-0.10	50-90*	0.04-0.10	50-120*	0.04-0.10
		ZTi6		●	●	110-200	0.04-0.08	80-160	0.04-0.08	70-140	0.04-0.08	70-160	0.04-0.08
	 UR	TiAlN	●	●	●	90-140	0.04-0.08	60-120	0.04-0.08	50-100	0.04-0.08	50-120	0.04-0.08
		Tmax	●	●	●	100-170	0.04-0.08	70-150	0.04-0.08	60-120	0.04-0.08	60-150	0.04-0.08
		Zmax	●	●	●	80-130*	0.04-0.10	50-110*	0.04-0.10	50-90*	0.04-0.10	50-120*	0.04-0.10
		ZTi6		●	●	110-200	0.04-0.08	80-160	0.04-0.08	70-140	0.04-0.08	70-160	0.04-0.08
	 JN	TiAlN	●	●	●	90-140	0.04-0.08	60-120	0.04-0.08	50-100	0.04-0.08	50-120	0.04-0.08
		Tmax	●	●	●	100-170	0.04-0.08	70-150	0.04-0.08	60-120	0.04-0.08	60-150	0.04-0.08
		Zmax	●	●	●	80-130*	0.04-0.10	50-110*	0.04-0.10	50-90*	0.04-0.10	50-120*	0.04-0.10
		ZTi6		●	●	110-200	0.04-0.08	80-160	0.04-0.08	70-140	0.04-0.08	70-160	0.04-0.08
	 JR	TiAlN	●	●	●	90-140	0.04-0.08	60-120	0.04-0.08	50-100	0.04-0.08	50-120	0.04-0.08
		Tmax	●	●	●	100-170	0.04-0.08	70-150	0.04-0.08	60-120	0.04-0.08	60-150	0.04-0.08
		Zmax	●	●	●	80-130*	0.04-0.10	50-110*	0.04-0.10	50-90*	0.04-0.10	50-120*	0.04-0.10
	 JSN	Tmax		●		80-150	0.02-0.1	80-170	0.02-0.1	50-120	0.02-0.1	50-120	0.02-0.1
		Zmax											
	 TN	TiAlN		●	●	90-150	0.08-0.18	70-130	0.08-0.18	50-100	0.08-0.15	50-120	0.08-0.20
		Tmax		●	●	100-170	0.08-0.18	70-150	0.08-0.18	60-120	0.08-0.15	60-150	0.08-0.20
		Zmax		●	●	80-130*	0.08-0.18	50-110*	0.08-0.18	50-90*	0.08-0.15	50-120*	0.08-0.20
		ZTi6		●	●	110-200	0.08-0.18	80-160	0.08-0.18	70-140	0.08-0.15	70-160	0.08-0.20
	 TR	TiAlN		●	●	90-150	0.08-0.18	70-130	0.08-0.18	50-100	0.08-0.15	50-120	0.08-0.20
		Tmax		●	●	100-170	0.08-0.18	70-150	0.08-0.18	60-120	0.08-0.15	60-150	0.08-0.20
		Zmax		●	●	80-130*	0.08-0.18	50-110*	0.08-0.18	50-90*	0.08-0.15	50-120*	0.08-0.20
		ZTi6			●	110-200	0.08-0.18	80-160	0.08-0.18	70-140	0.08-0.15	70-160	0.08-0.20
	 TSN	Tmax		●		80-150	0.05-0.15	80-170	0.05-0.15	50-120	0.05-0.15	50-120	0.05-0.15
		Zmax		●		80-130	0.05-0.15	80-150	0.05-0.15	50-100	0.05-0.15	50-100	0.05-0.15
Avance modérée Niedriger Vorschub Low feed rate	 UN-000F	TiAlN	●	●	●	80-120	0.02-0.05	50-100	0.02-0.05	40-80	0.02-0.05	40-100	0.02-0.05
		Zmax											
	 UR/ULF	TiAlN	●	●	●	80-120	0.02-0.05	50-100	0.02-0.05	40-80	0.02-0.05	40-100	0.02-0.05
		Zmax											
	 ANF	N		●	●								
		TiAlN		●	●							40-80	0.02-0.05
		AC		●	●								
	 ARF	N		●	●								
		TiAlN		●	●							40-80	0.02-0.05
		AC		●	●								

* premier choix en cas de coupe interrompue

** arête de coupe vive

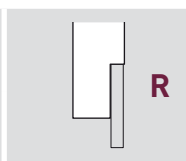
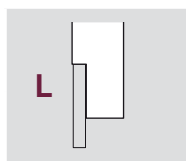
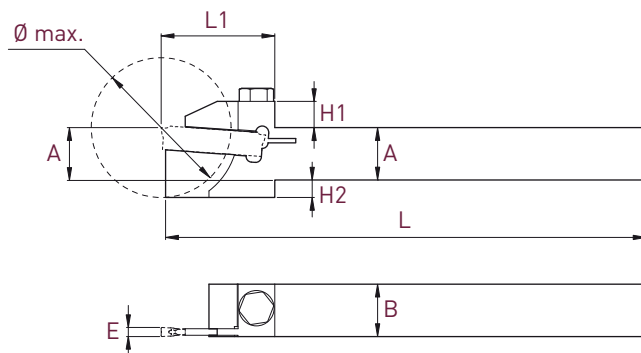
* erste Wahl für unterbrochener Schnitt

** scharfe Schneidkante

* first choice for interrupted cut

** sharp cutting edge

N Alliances d'aluminium et non ferreux Aluminium- und Nichteisenlegierungen Aluminium and non-ferrous alloys								S Titane Titan Titanium			
Aluminium		Alu silicium max. 5% Aluminiumsilicium max. 5% Aluminium silicon max. 5%		Cuivre Kupfer Copper		Laiton & bronze Messing & Bronze Brass & bronze		Gr. 1 - 3		Gr. 4 - 5	
VC (m/min)	F (mm/U)	VC (m/min)	F (mm/U)	VC (m/min)	F (mm/U)	VC (m/min)	F (mm/U)	VC (m/min)	F (mm/U)	VC (m/min)	F (mm/U)
100-250	0.03-0.10	100-250	0.03-0.10	100-300	0.03-0.10	100-300	0.03-0.10			50-100	0.04-0.08
100-250	0.03-0.10	100-250	0.03-0.10	100-300	0.03-0.10	100-300	0.03-0.10			50-100	0.04-0.08
100-250	0.03-0.10	100-250	0.03-0.10	100-300	0.03-0.10	100-300	0.03-0.10			50-100	0.04-0.08
100-250	0.03-0.10	100-250	0.03-0.10	100-300	0.03-0.10	100-300	0.03-0.10			50-100	0.04-0.08
100-300	0.02-0.1	100-300	0.02-0.1	100-300	0.02-0.1	100-300	0.02-0.1	50-120	0.02-0.1	30-50	0.02-0.1
						150-300	0.05-0.20				
						150-300	0.05-0.20				
						100-300	0.05-0.15				
100-300	0.02-0.06	100-200	0.01-0.05	100-250	0.01-0.05	100-300	0.02-0.06			50-100	0.01-0.06
100-300	0.02-0.06	100-200	0.01-0.05	100-250	0.01-0.05	100-300	0.02-0.06			50-100	0.01-0.06
80-200	0.02-0.06			80-200	0.01-0.05	80-200	0.02-0.06	50-100	0.01-0.06	50-100	0.01-0.06
100-250	0.02-0.06	80-150	0.01-0.05	100-200	0.01-0.05	80-200	0.02-0.06			30-80	0.01-0.06
100-300	0.02-0.06	100-200	0.01-0.05	100-250	0.01-0.05	100-300	0.02-0.06	50-120	0.01-0.06	50-120	0.01-0.06
80-200	0.02-0.06			80-200	0.01-0.05	80-200	0.02-0.06	50-100	0.01-0.06	50-100	0.01-0.06
100-250	0.02-0.06	80-150	0.01-0.05	100-200	0.01-0.05	80-200	0.02-0.06			30-80	0.01-0.06
100-300	0.02-0.06	100-200	0.01-0.05	100-250	0.01-0.05	100-300	0.02-0.06	50-120	0.01-0.06	50-120	0.01-0.06



Pièces de rechange et accessoires
Ersatzteile und Zubehör
Spare parts and accessories



Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H1	H2	Art. N°	Art. N°	Art. N°	Art. N°
E 1.5 Type ET15	10x12	110	22	20	5	6	ET15-H1012L-D22	ET15-H1012R-D22	V-M5X20-6P6	C-6PEX-6.0
	12x12	110	22	20	5	4	ET15-H1212L-D22	ET15-H1212R-D22		
	12.7x12.7	110	22	20	5	3	ET15-H12.7L-D22	ET15-H12.7R-D22		
	12x12	110	32	26	6	4	ET15-H1212L-D32	ET15-H1212R-D32	V-M5X21-6P7	C-6PEX-7.0
	12.7x12.7	110	32	26	6	3	ET15-H12.7L-D32	ET15-H12.7R-D32		
	16x16	110	32	26	6	-	ET15-H1616L-D32	ET15-H1616R-D32		
E 2.0 Type ET20	10x12	110	22	20	5	6	ET20-H1012L-D22	ET20-H1012R-D22	V-M5X20-6P6	C-6PEX-6.0
	12x12	110	22	20	5	4	ET20-H1212L-D22	ET20-H1212R-D22		
	12.7x12.7	110	22	20	5	3	ET20-H12.7L-D22	ET20-H12.7R-D22		
	12x12	110	32	26	6	4	ET20-H1212L-D32	ET20-H1212R-D32	V-M5X21-6P7	C-6PEX-7.0
	12.7x12.7	110	32	26	6	3	ET20-H12.7L-D32	ET20-H12.7R-D32		
	16x16	110	32	26	6	-	ET20-H1616L-D32	ET20-H1616R-D32		
E 2.5 Type ET25	10x12	110	22	20	5	6	ET25-H1012L-D22	ET25-H1012R-D22	V-M5X20-6P6	C-6PEX-6.0
	12x12	110	22	20	5	4	ET25-H1212L-D22	ET25-H1212R-D22		
	12.7x12.7	110	22	20	5	3	ET25-H12.7L-D22	ET25-H12.7R-D22		
	12x12	110	32	26	6	4	ET25-H1212L-D32	ET25-H1212R-D32	V-M5X21-6P7	C-6PEX-7.0
	12.7x12.7	110	32	26	6	3	ET25-H12.7L-D32	ET25-H12.7R-D32		
	16x16	110	32	26	6	-	ET25-H1616L-D32	ET25-H1616R-D32		
E 3.0 Type ET30	16x16	110	32	26	6	-	ET25-H1616L-D44	ET25-H1616R-D44	V-M5X27-6P7	C-6PEX-7.0
	20x20	130	44	35	8	4	ET25-H1616L-D44	ET25-H1616R-D44		
	20x20	130	44	35	8	-	ET25-H2020L-D44	ET25-H2020R-D44		
	12.7x12.7	110	32	26	6	3	ET30-H12.7L-D32	ET30-H12.7R-D32	V-M5X21-6P7	C-6PEX-7.0
	16x16	110	32	26	6	-	ET30-H1616L-D32	ET30-H1616R-D32		
	16x16	130	44	35	8	4	ET30-H1616L-D44	ET30-H1616R-D44		
E 3.0 Type ET30	20x20	130	44	35	8	-	ET30-H2020L-D44	ET30-H2020R-D44	V-M5X27-6P7	C-6PEX-7.0
	25x25	140	44	35	8	-	ET30-H2525L-D44	ET30-H2525R-D44		

* livré avec chaque porte-outil
mit jedem Halter geliefert
delivered with each holder

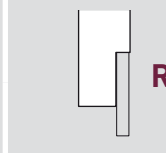
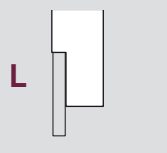
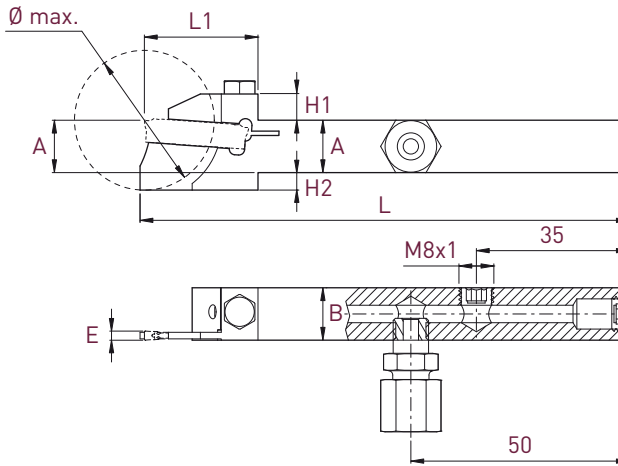
Porte-outils avec arrosage intégré

Halter mit integrierter Kühlmittelzufuhr

Holders with integrated coolant supply

Ø max 44 mm

H JET



Pièces de rechange et accessoires
Ersatzteile und Zubehör
Spare parts and accessories



Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H1	H2	Art. N°	Art. N°
E 2.0 Type ET20	10x12	110	22	20	5	6	ET20-H1012L-JET22	ET20-H1012R-JET22
	12x12	110	22	20	5	4	ET20-H1212L-JET22	ET20-H1212R-JET22
	12.7x12.7	110	22	20	5	3	ET20-H12.7L-JET22	ET20-H12.7R-JET22
	12x12	110	32	26	6	4	ET20-H1212L-JET32	ET20-H1212R-JET32
	12.7x12.7	110	32	26	6	3	ET20-H12.7L-JET32	ET20-H12.7R-JET32
	16x16	110	32	26	6	-	ET20-H1616L-JET32	ET20-H1616R-JET32
	16x16	130	44	35	8	4	ET20-H1616L-JET44	ET20-H1616R-JET44
	20x20	130	44	35	8	-	ET20-H2020L-JET44	ET20-H2020R-JET44
E 2.5 Type ET25	10x12	110	22	20	5	6	ET25-H1012L-JET22	ET25-H1012R-JET22
	12x12	110	22	20	5	4	ET25-H1212L-JET22	ET25-H1212R-JET22
	12.7x12.7	110	22	20	5	3	ET25-H12.7L-JET22	ET25-H12.7R-JET22
	12x12	110	32	26	6	4	ET25-H1212L-JET32	ET25-H1212R-JET32
	12.7x12.7	110	32	26	6	3	ET25-H12.7L-JET32	ET25-H12.7R-JET32
	16x16	110	32	26	6	-	ET25-H1616L-JET32	ET25-H1616R-JET32
	16x16	130	44	35	8	4	ET25-H1616L-JET44	ET25-H1616R-JET44
	20x20	130	44	35	8	-	ET25-H2020L-JET44	ET25-H2020R-JET44
E 3.0 Type ET30	12.7x12.7	110	32	26	6	3	ET30-H12.7L-JET32	ET30-H12.7R-JET32
	16x16	110	32	26	6	-	ET30-H1616L-JET32	ET30-H1616R-JET32
	16x16	130	44	35	8	4	ET30-H1616L-JET44	ET30-H1616R-JET44
	20x20	130	44	35	8	-	ET30-H2020L-JET44	ET30-H2020R-JET44
	25x25	140	44	35	8	-	ET30-H2525L-JET44	ET30-H2525R-JET44

Art. N°	Art. N°
V-M5X20-6P6-J	C-6PEX-6.0
V-M5X21-6P7-J	C-6PEX-7.0
V-M5X27-6P7-J	C-6PEX-7.0
V-M5X20-6P6-J	C-6PEX-6.0
V-M5X21-6P7-J	C-6PEX-7.0
V-M5X27-6P7-J	C-6PEX-7.0
V-M5X21-6P7-J	C-6PEX-7.0
V-M5X27-6P7-J	C-6PEX-7.0

Pièces de rechange
Ersatzteile
Spare parts



Art. N°

Art. N°

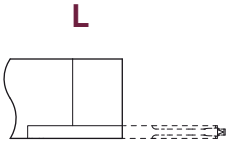
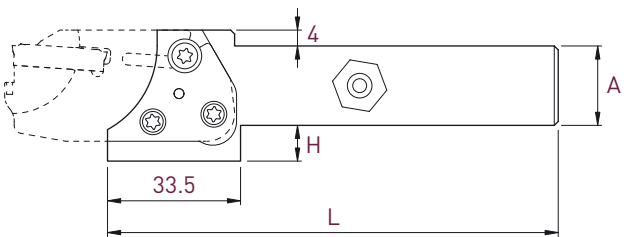
J-M8X1-D6

JB-M8X1

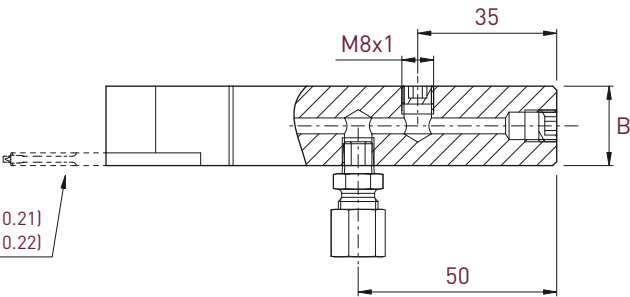
* Livré avec chaque porte-outil
mit jedem Halter geliefert
delivered with each holder

H-HM-JET

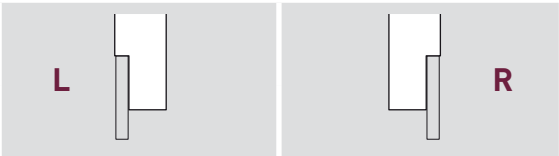
Porte-lames avec arrosage intégré
Halter für Stechklinge mit Kühlmittelzufuhr
Holder for parting-off blades with integrated coolant supply



HM-IN (p. 10.21)
HM-IL-JET (p. 10.22)

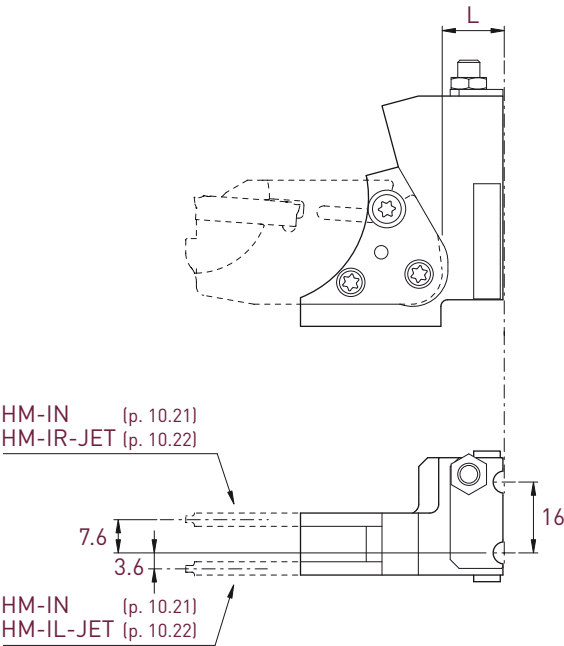


HM-IN (p. 10.21)
HM-IR-JET (p. 10.22)

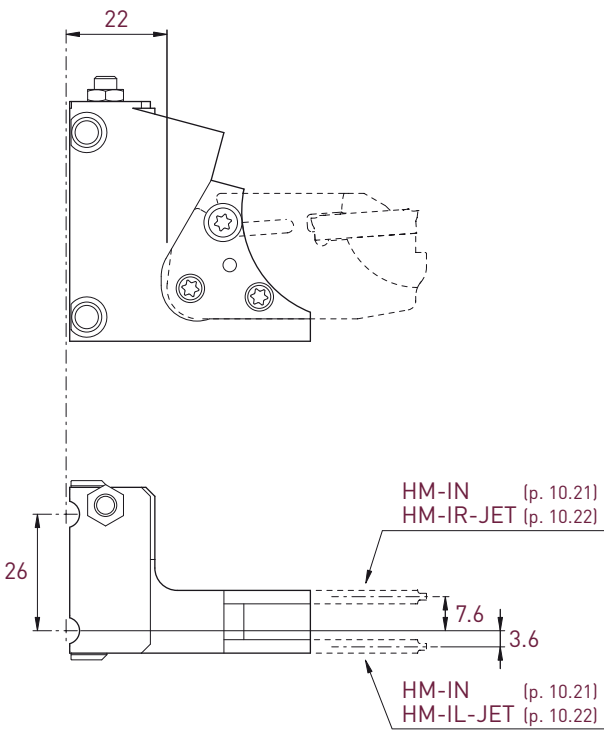


A x B	L	H	Art. N°	Art. N°
16x16	113.5	13	H1616L-HM-JET	H1616R-HM-JET
20x20	113.5	9	H2020L-HM-JET	H2020R-HM-JET
25x25	138.5	4	H2525L-HM-JET	H2525R-HM-JET

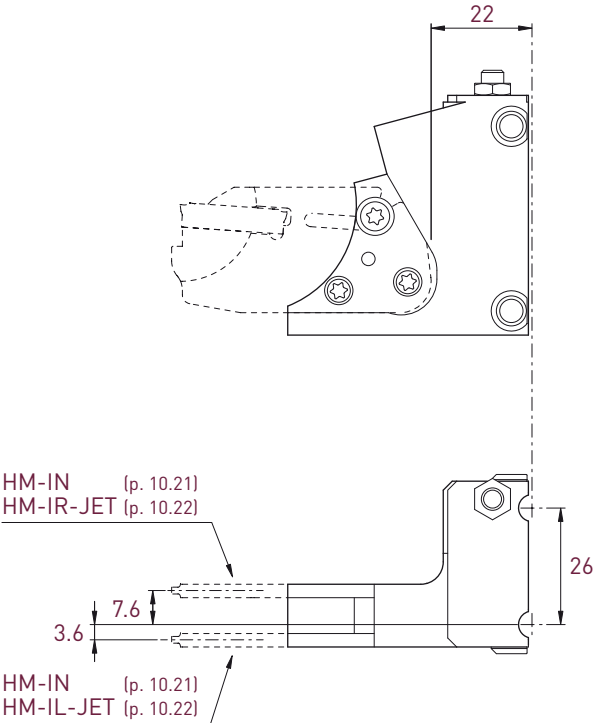
Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories				Options
Art. N°	Art. N°	Art. N°	Art. N°	Art. N°
V-M5X10-T20IP	V-M6X10-T20IP	J-M8X1-D6	JB-M8X1	C-T20IP

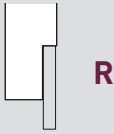


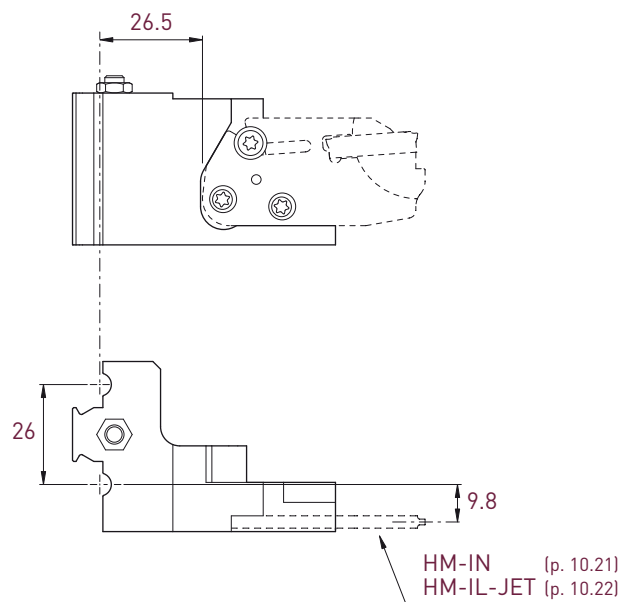
				Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories			Options
Interface	Machine compatibility	L	Art. N°				
				Art. N°	Art. N°	Art. N°	
GWS02	AS14	14	GWS02R-02001-HM-JET	V-M5X10-T20IP	V-M6X10-T20IP	C-T20IP	
	SAS16						
	SBS20						
	Others	22	GWS02R-02002-HM-JET				



			Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories		Options
Interface	Machine compatibility				
		Art. N°	Art. N°	Art. N°	Art. N°
GWS41	MultiSwiss 6X16	GWS41L-41001-HM-JET	V-M5X10-T20IP	V-M6X10-T20IP	C-T20IP
	MultiDeco 20X6				
	MultiDeco 20X8				
	MultiDeco 26X6				
	MultiDeco 32X6				
	MultiAlpha 20X8				
	MultiSigma 24X8				



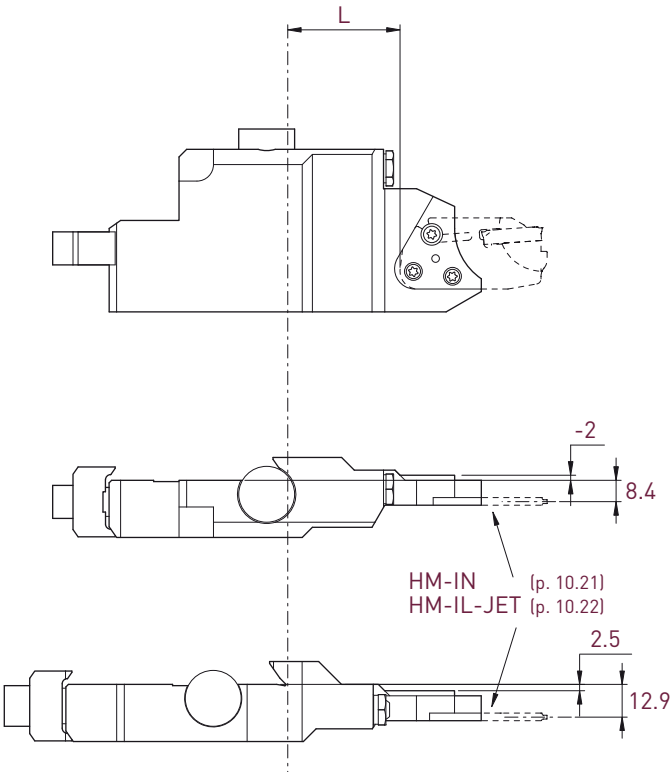
Interface	Machine compatibility	 Art. N°	Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories		Options
			 Art. N°	 Art. N°	 Art. N°
GWS41	MultiSwiss 6X16	GWS41R-41002-HM-JET	V-M5X10-T20IP	V-M6X10-T20IP	C-T20IP
	MultiDeco 20X6				
	MultiDeco 20X8				
	MultiDeco 26X6				
	MultiDeco 32X6				
	MultiAlpha 20X8				
	MultiSigma 24X8				



			Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories		Options
Interface	Machine compatibility				
		Art. N°	Art. N°	Art. N°	Art. N°
GWS202	MultiSwiss 6X32 MultiSwiss 8X26	GWS202L-202001-HM-JET	V-M5X10-T20IP	V-M6X10-T20IP	C-T20IP

MS22

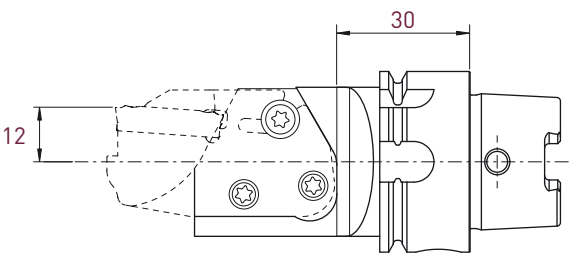
MS32-40



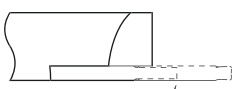
Machine compatibility	L	 Art. N°	Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories		Options
			 Art. N°	 Art. N°	 Art. N°
MS22	44.2	MS22-W5190231-HM-JET	V-M5X10-T20IP	V-M6X10-T20IP	C-T20IP
MS32-40	45.5	MS32-40-W5190233-HM-JET			

HSK-JET

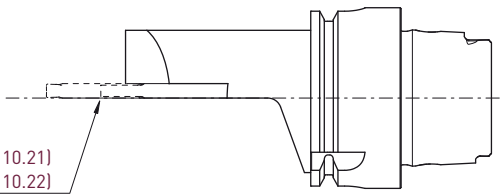
Porte-outils HSK pour porte-lames avec arrosage intégré
HSK Halter Stechklingen mit integrierter Kühlmittelzufuhr
HSK holder for parting-off blades with integrated coolant supply



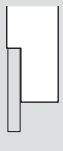
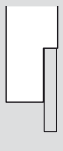
L



HM-IN (p. 10.21)
HM-IL-JET (p. 10.22)

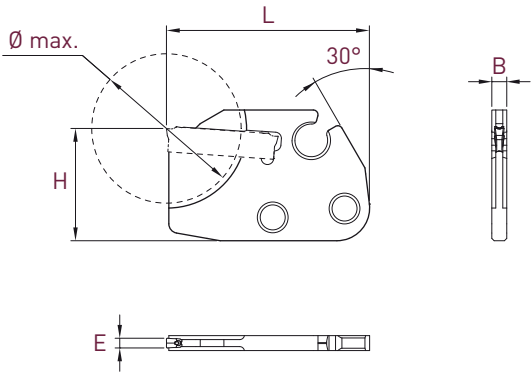


HM-IN (p. 10.21)
HM-IR-JET (p. 10.22)

				Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories		Options
Art. N°		Art. N°				
HSK-T40-L-HM-JET		HSK-T40-R-HM-JET		V-M5X10-T20IP	V-M6X10-T20IP	C-T20IP

Lames pour système modulaire
Stechklinge für modulares System
Parting-off blades for modular system

HM

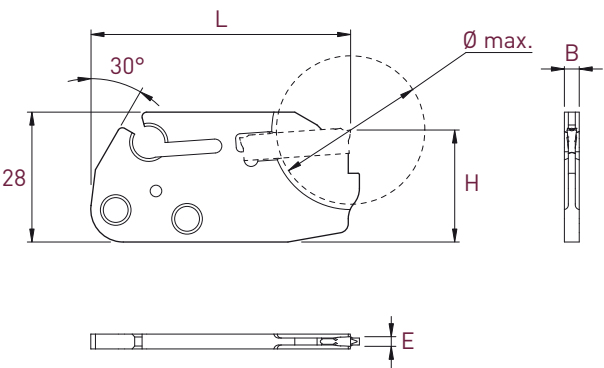


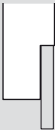
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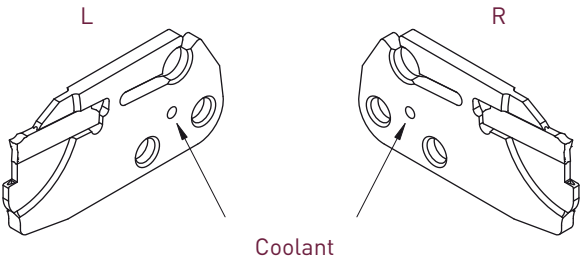
Plaquettes WSP Inserts	Ø max.	B	L	H	Art. N°
E 1.5 Type ET15	20	3.2	43.5	24	ET15-HM-IN-43-D20
	32	3.2	43.5	24	ET15-HM-IN-43-D32
E 2.0 Type ET20	20	3.2	43.5	24	ET20-HM-IN-43-D20
	26	3.2	43.5	24	ET20-HM-IN-43-D26
	26	3.2	54	24	ET20-HM-IN-54-D26
	32	3.2	43.5	24	ET20-HM-IN-43-D32
E 3.0 Type ET30	32	3.2	43.5	24	ET30-HM-IN-43-D32

HM-JET

Lames avec arrosage intégré
Steckklinge mit integrierter Kühlmittelzufuhr
Parting-off blades with integrated coolant supply

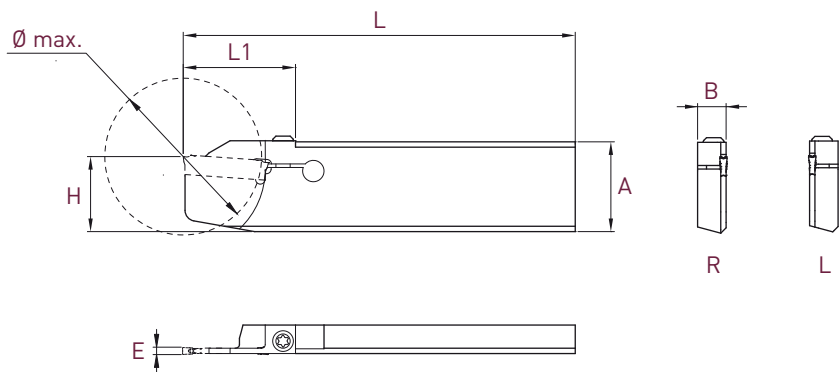


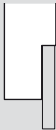
					 	
Plaquettes WSP Inserts	Ø max.	B	L	H	Art. N°	Art. N°
E 2.0 Type ET20	20	3.2	48.5	24	ET20-HM-IL-48.5-JET20	ET20-HM-IR-48.5-JET20
	24		48.5		ET20-HM-IL-48.5-JET24	ET20-HM-IR-48.5-JET24
	32		45.5		ET20-HM-IL-45.5-JET32	ET20-HM-IR-45.5-JET32
	32		56		ET20-HM-IL-56-JET32	ET20-HM-IR-56-JET32
	42		48.5		ET20-HM-IL-48.5-JET42	ET20-HM-IR-48.5-JET42
E 3.0 Type ET30	32	3.2	45.5	24	ET30-HM-IL-45.5-JET32	ET30-HM-IR-45.5-JET32
	44		48.5		ET30-HM-IL-48.5-JET42	ET30-HM-IR-48.5-JET42

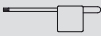


Lames de tronçonnage
Stechklinge
Parting-off blades

HK



							
Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H	Art. N°	Art. N°
E 1.5 Type ET15	26x8	110	20	19.5	21	ET15-HK-2608L-110-D20	ET15-HK-2608R-110-D20
	26x8	110	32	25.5	21	ET15-HK-2608L-110-D32	ET15-HK-2608R-110-D32
E 2.0 Type ET20	26x8	110	32	25.5	21	ET20-HK-2608L-110-D32	ET20-HK-2608R-110-D32
	26x8	110	44	31.5	21	ET20-HK-2608L-110-D44	ET20-HK-2608R-110-D44

Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories	Options
 *	
Art. N°	Art. N°
V-M4X14.5-T15-EVOCUT	C-T15

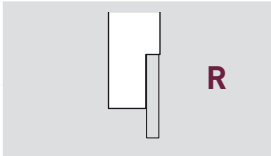
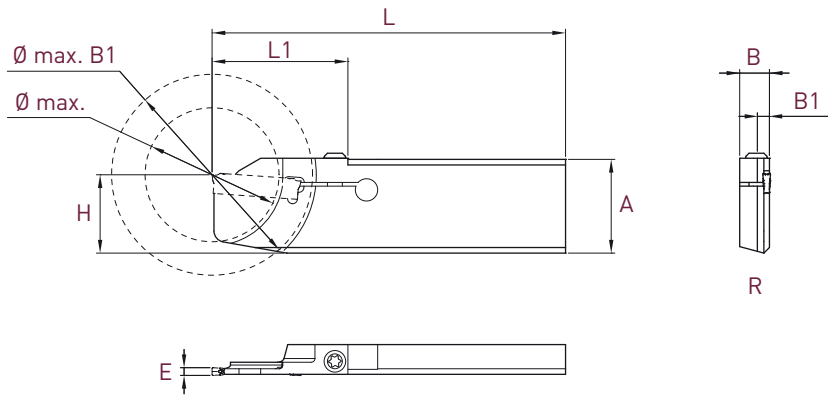
* livré avec chaque lame
mit jedem Stechkling geliefert
delivered with each blade

HK-RS

Lames de tronçonnage avec dégagement pour accès contre-broche

Stechklinge mit Aussparung für Gegenspindel Zugriff

Parting-off blades with recess for subspindle access



Plaquettes WSP Inserts	A x B	L	Ø max.	Ø max. B1	B1	L1	H	Art. N°
E 1.5 Type ET15	26x8	95	36	54	3.25	36.5	21	ET15-HK-2608RS-95-D36
E 2.0 Type ET20	26x8	95	36	54	3.25	36.5	21	ET20-HK-2608RS-95-D36

Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories	Options
 *	
Art. N°	Art. N°
V-M4X14.5-T15-EVOCUT	C-T15

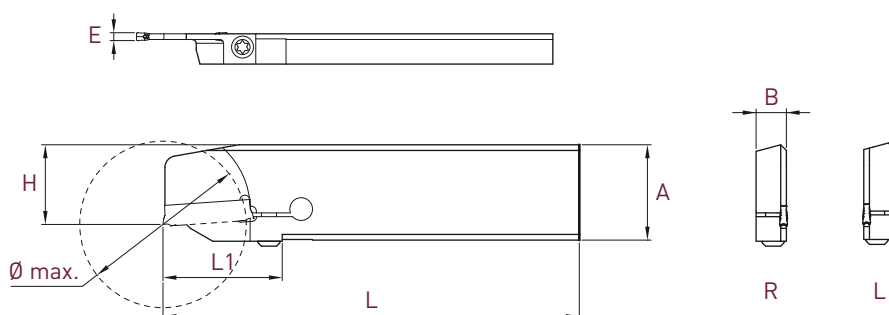
* livré avec chaque lame
mit jedem Stechkling geliefert
delivered with each blade

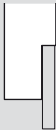
Lames de tronçonnage inversées

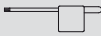
Überkopf Stechklinge

Upside down parting-off blades

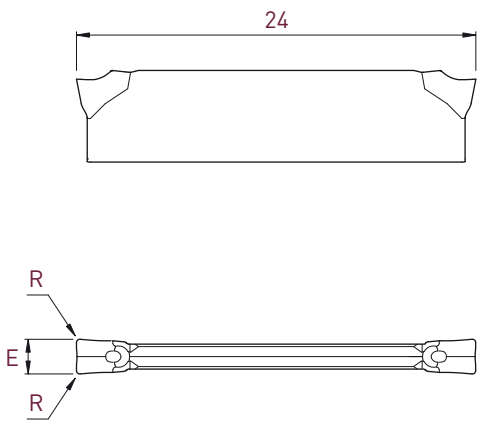
HUK



Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H	 L	 R
						Art. N°	Art. N°
E 1.5 Type ET15	26x8	110	20	19.5	21	ET15-HUK-2608L-110-D20	ET15-HUK-2608R-110-D20
	26x8	110	32	25.5	21	ET15-HUK-2608L-110-D32	ET15-HUK-2608R-110-D32
E 2.0 Type ET20	26x8	110	32	25.5	21	ET20-HUK-2608L-110-D32	ET20-HUK-2608R-110-D32
	26x8	110	44	31.5	21	ET20-HUK-2608L-110-D44	ET20-HUK-2608R-110-D44

Pièces de rechange et accessoires Ersatzteile und Zubehör Spare parts and accessories	Options
	
Art. N°	Art. N°
V-M4X14.5-T15-EVOCUT	C-T15

* livré avec chaque lame
mit jedem Steckling geliefert
delivered with each blade



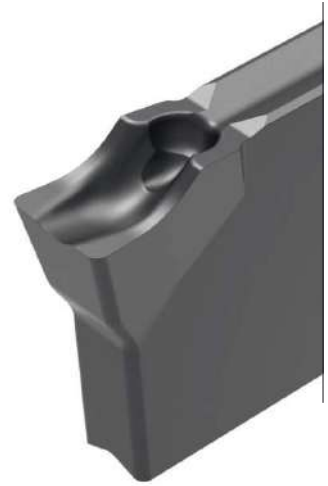
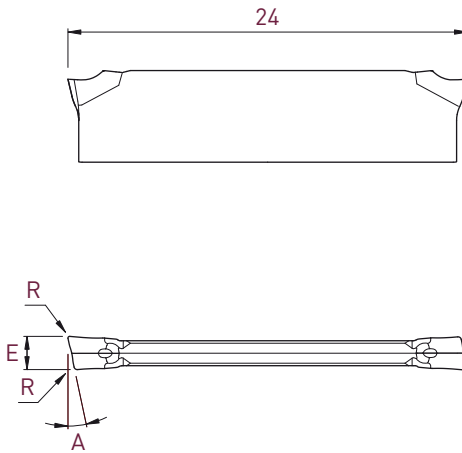
UN																				
Type	E ±0.05	R	Art. N°	<table><tr><td>P</td><td>P</td><td>P</td><td>P</td></tr><tr><td>M</td><td>M</td><td>M</td><td>M</td></tr><tr><td>N</td><td></td><td></td><td></td></tr><tr><td>S</td><td></td><td></td><td></td></tr></table>	P	P	P	P	M	M	M	M	N				S			
P	P	P	P																	
M	M	M	M																	
N																				
S																				
ET15	1.35	0	ET15-UN-000F	•																
	1.5	0.2	ET15-UN-002	• • •																
ET20	1.85	0	ET20-UN-000F	•																
	2.0	0.2	ET20-UN-002	• • • •																
ET25	2.35	0	ET25-UN-000F	•																
	2.5	0.3	ET25-UN-003	• • • •																
ET30	2.85	0	ET30-UN-000F	•																
	3.0	0.3	ET30-UN-003	• • • •																

Plaquettes de tronçonnage

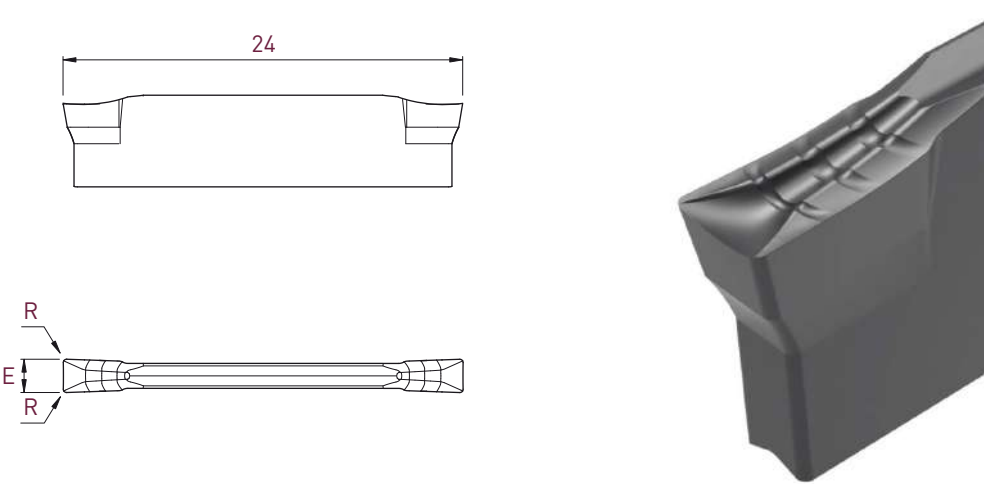
Abstechwendeplatten

Cut off inserts

UL-UR



				UL				UR			
Type	E ±0.05	A	R	Art. N°	TiAlN	P	M	Art. N°	TiAlN	P	M
ET15	1.5	6°	0.2	-				ET15-UR-602	•	•	•
	1.35	8°	0	-				ET15-UR-800F	•		
	1.5	12°	0.1	-				ET15-UR-1201	•	•	•
	1.35	15°	0	ET15-UL-1500F	•			ET15-UR-1500F	•		
ET20	2.0	6°	0.2	-				ET20-UR-602	•	•	•
	1.85	8°	0	-				ET20-UR-800F	•		
	2.0	12°	0.1	-				ET20-UR-1201	•	•	•
	1.85	15°	0	ET20-UL-1500F	•			ET20-UR-1500F	•		
ET25	2.5	6°	0.2	-				ET25-UR-602	•	•	•
	2.35	8°	0	-				ET25-UR-800F	•		
	2.5	12°	0.1	-				ET25-UR-1201	•	•	•
	2.35	15°	0	ET25-UL-1500F	•			ET25-UR-1500F	•		
ET30	3.0	6°	0.3	-				ET30-UR-603	•	•	•
	2.85	8°	0	-				ET30-UR-800F	•		
	3.0	12°	0.2	-				ET30-UR-1202	•	•	•
	2.85	15°	0	ET30-UL-1500F	•			ET30-UR-1500F	•		



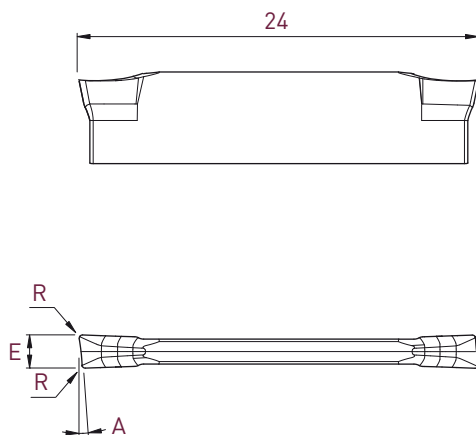
JN							
Type	E ±0.05	R	Art. N°	TiAlN S	Tmax M	Zmax M	ZTi6 P
ET15	1.5	0.2	ET15-JN-002	●	●	●	
ET20	2.0	0.2	ET20-JN-002	●	●	●	●
ET25	2.5	0.3	ET25-JN-003	●	●	●	●
ET30	3.0	0.3	ET30-JN-003	●	●	●	●

Plaquettes de tronçonnage

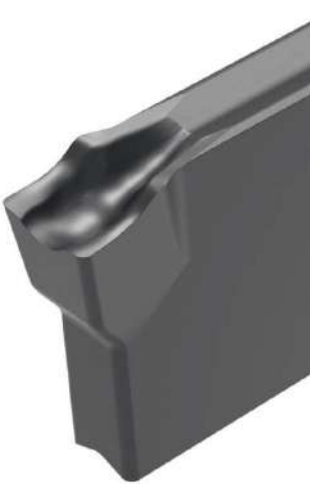
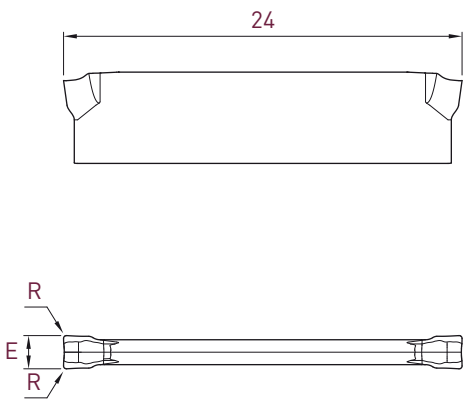
Abstechwendeplatten

Cut off inserts

JR



				JR			
Type	E ± 0.05	A	R	Art. N°	P M N S TIALN	P M Tmax	P M Zmax
ET15	1.5	6°	0.2	ET15-JR-602	•	•	•
ET20	2.0	6°	0.2	ET20-JR-602	•	•	•
ET25	2.5	6°	0.2	ET25-JR-602	•	•	•
ET30	3.0	6°	0.3	ET30-JR-603	•	•	•



JSN				
Type	E ± 0.05	R	Art. N°	
ET20	2.0	0.2	ET20-JSN-002	•

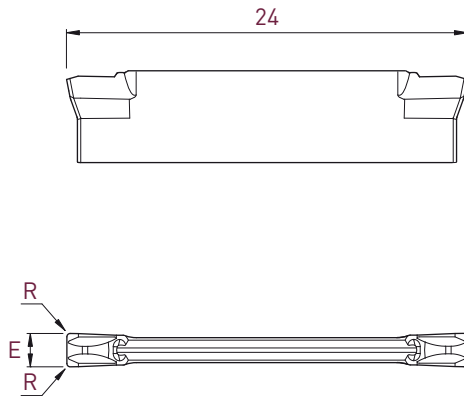
Plaquettes de tronçonnage

Abstechwendeplatten

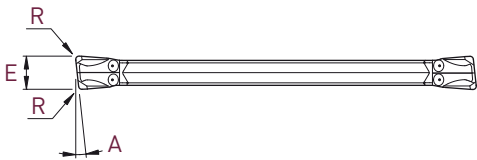
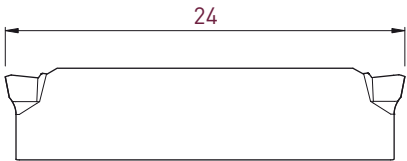
Cut off inserts

Negative geometry

TN



			TN				
Type	E ±0.05	R	Art. N°	P M N TiAlN	P M Tmax	P M Zmax	P M ZTi6
ET20	2.0	0.2	ET20-TN-002	●	●	●	●
ET25	2.5	0.3	ET25-TN-003	●	●	●	●
ET30	3.0	0.3	ET30-TN-003	●	●	●	●

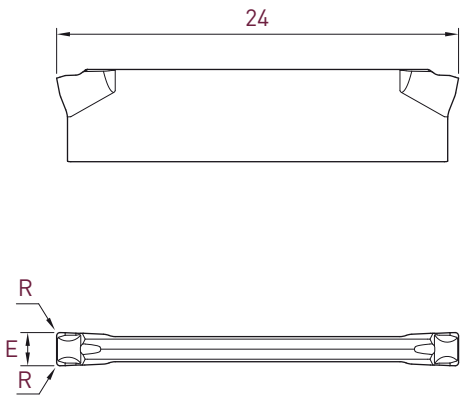


TR								
Type	E ±0.05	A	R	Art. N°	 TiAlN	 Tmax	 Zmax	 ZTi6
ET20	2.0	6°	0.2	ET20-TR-602	•	•	•	
ET25	2.5	6°	0.2	ET25-TR-602	•	•	•	
ET30	3.0	6°	0.3	ET30-TR-603	•	•	•	•

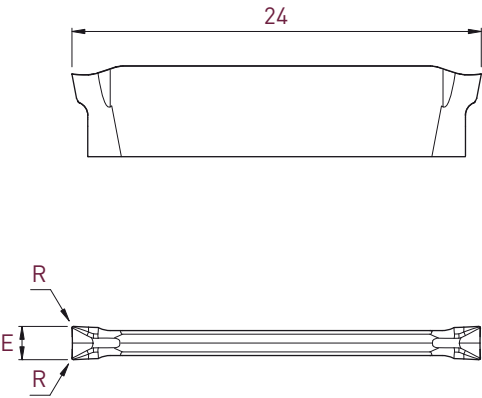
Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

Negative geometry

TSN



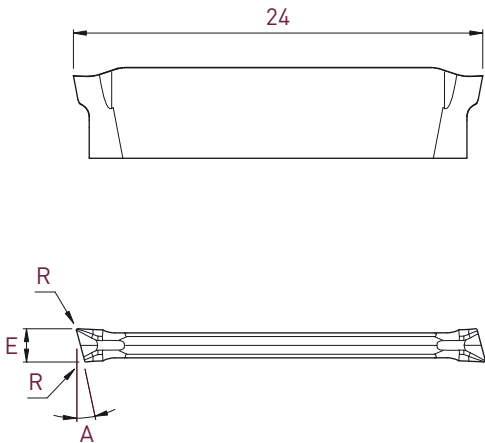
TSN					
Type	E ±0.05	R	Art. N°	Tmax	Zmax
ET20	2.0	0.2	ET20-TSN-002	P M	P M



			AN	
Type	E ±0.05	R	Art. N°	M N S TiAlN AC Z
ET20	2.0	0.2	ET20-AN-002F	• • •
ET30	3.0	0.3	ET30-AN-003F	• • •

Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

AR



					AR					
Type	E ±0.05	A	R	Art. N°	TiAlN	AC	Z	M	N	S
ET20	2.0	15°	0.1	ET20-AR-1501F	•	•	•	•	•	•
ET30	3.0	15°	0.2	ET30-AR-1502F	•	•	•	•	•	•

SYMBOL

Légende des symboles

Symbollegende

Symbol Legend

E	L	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)
1.0	5	731RU-1.0	•	•				
1.2	5	731RU-1.2	•	•				
1.5	7	731RU-1.5	•	•	•	•	•	•
2.0	7	731RU-2.0	•	•				

• Article standart
Standardartikel
Standard item

P

Acier
Stahl
Steel

M

Inox
Rostfreistahl
Stainless steel

N

Alliages d'aluminium et non ferreux
Aluminium- und Nichtisenlegierungen
Aluminium and non-ferrous alloys

S

Titane et superalliages
Titan und Superlegierungen
Titanium and superalloys

H

Acier trempé
Gehärteter Stahl
Hardened steel

K

Fonte
Gusseisen
Cast iron

O

Matière exotique
Exotisches material
Exotic material



Carbure
Hartmetall
Carbide

TiAlN



K20

µK20 + revêtement PVD
µK20 + PVD Beschichtung
µK20 + PVD coating

TF F M E

P ★★★★★
M ★★★★★
N ★★★★★
S ★★★★★

Épaisseur du revêtement
Dicken der Beschichtung
Thickness of the coating

TF

Très fin
Sehr dünn
Very thin

F

Fin
Dünn
Thin

M

Moyen
Mittel
Medium

E

Épais
Dick
Thick