EVOCUT-Line

APPLITEC
CUTTING TOOLS

Index

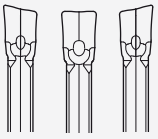
Codification Kodifizierung Coding guide			> 10.03
Infos et avantages Infos und Vorteile Infos and advantages			> 10.04
Géométries de coupe Spanformgeometrie Cutting geometries			> 10.07
Nuances Sorten Grades			> 10.08
Paramètres de coupe indicatifs Empfohlene Schnittwerte Standard machining data			> 10.10
Porte-outils Halter Holders	H	without coolant	> 10.12
	H JET	with coolant	> 10.13
	H-HM-JET	with coolant	> 10.14
	GWS	Interface Göltenbodt	> 10.15
	MS	Interface Index	> 10.19
	HSK-JET	with coolant	> 10.20
Lames Stecklingen Blades	HM-HK-HUK		> 10.21
Plaquettes de tronçonnage Abstechwendeplatten Cut off inserts	U	positive geometry	> 10.26
	J	universal geometry	> 10.28
	JS	universal geometry	> 10.30
	T	negative geometry	> 10.31
	TS	negative geometry	> 10.33
	A	strongly positive geometry	> 10.34

Codification
Kodifizierung
Coding guide

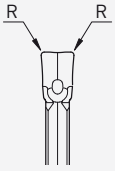
ET	20	-	U	R	-	8	00	Ou / Oder / Or F	-	TIALN

Angle de pointe
Spitzenwinkel
Point angle

L N R



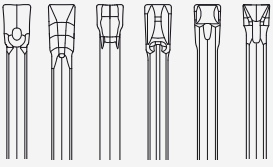
Rayon
Radius
Radius



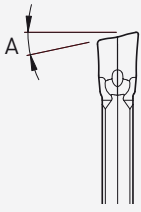
Nuance
Sorte
Grade

Géométrie d'usinage
Bearbeitungsgeometrie
Machining geometry

U J JS T TS A

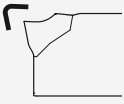


Valeur de l'angle de pointe
Wert des Spitzenwinkels
Value of the point angle



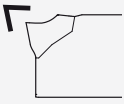
A
0°
6°
8°
12°
15°

Arête de coupe honée
Schneidkantenverrundung
Honed edge



F

Arête de coupe vive
Scharfe Schneidkante
Sharp edge



Epaisseur de coupe
Schnittbreite
Cutting thickness

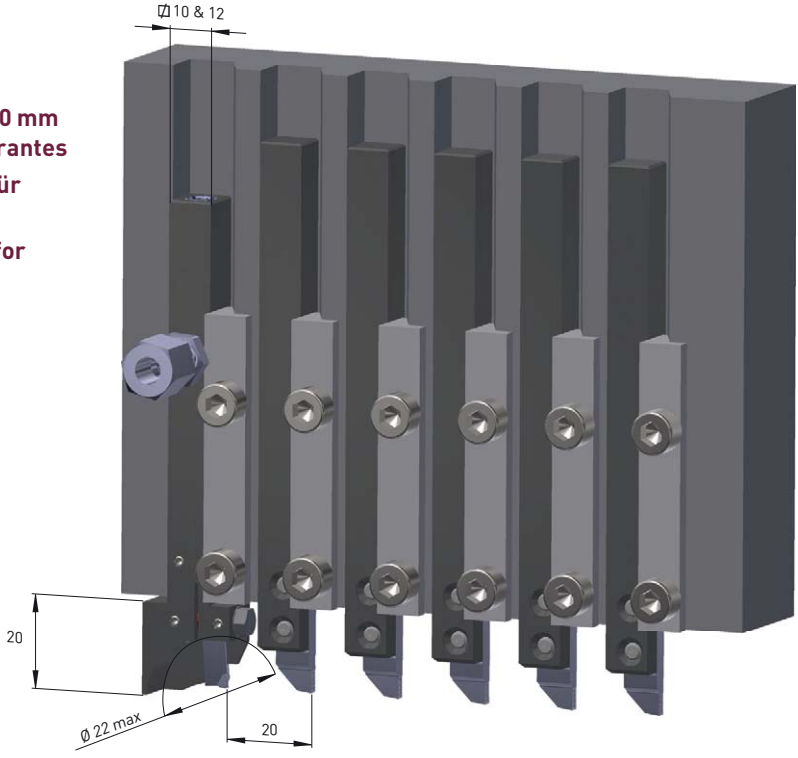
ET 15	1.5 mm	Ø max 32 mm
ET 20	2.0 mm	Ø max 44 mm
ET 25	2.5 mm	
ET 30	3.0 mm	

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

Compact : seulement 20 mm pour les machines courantes

Kompakt : nur 20 mm für übliche Maschinen

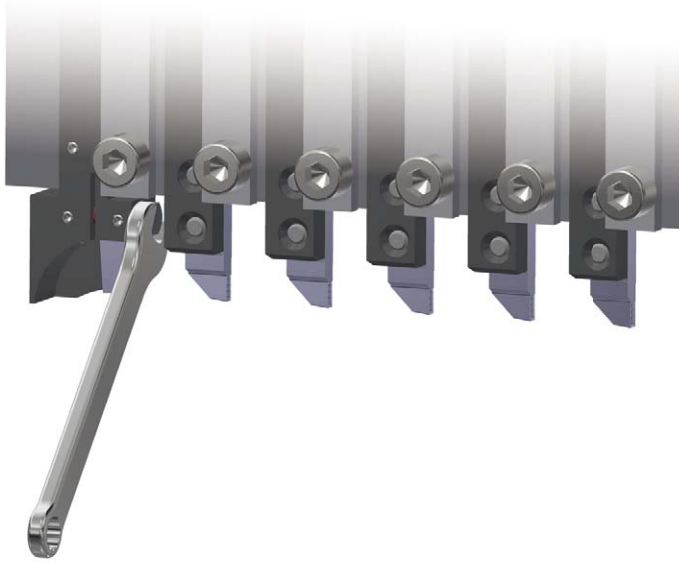
Compact : only 20 mm for current machines



Facilité d'accès

Zugangsleichtigkeit

Excellent accessibility

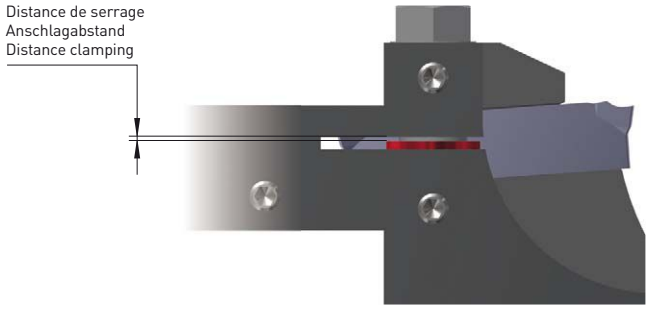


Changement de la plaquette sans démontage

Veränderung der Platte ohne Zerlegung

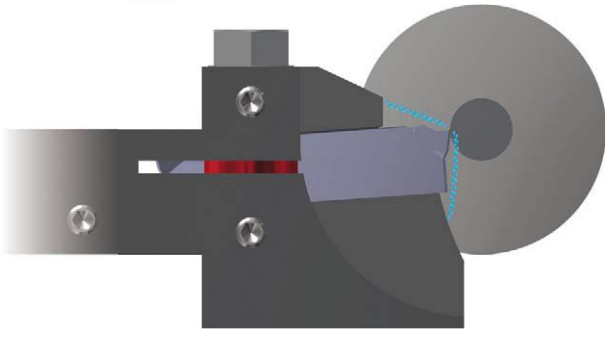
Change of insert without disassembly

Butée de serrage
Spannungs-Anschlag
Clamping stop



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

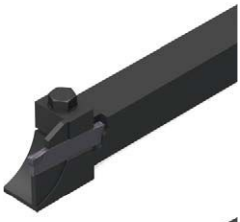
Support JET à double lubrification
JET Halter mit doppeltem Schmierung
Jet holder with double lubrification



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

Géométries de coupe
Spanformgeometrie
Cutting geometries

UN | UL UR

- géométrie positive universelle, faibles efforts de coupe
- bonne maîtrise du copeau
- 1er 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 Spanverschmälerung 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

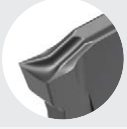
TSN

- 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
- 1er 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

TiAlN

Revêtement PVD
PVD Beschichtung
PVD coating

TF F **M** E

P ★★★★★
M ★★★★★
N ★★★★☆
S ★★★★☆

- pour l'usinage des aciers, aciers inoxydables et alliages de titane
- 1er 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

TF F M **E**

P ★★★★★
M ★★★★★
N ★★☆☆☆
S ★★☆☆☆

- nuance pour usinage moyen à lourd des aciers, aciers alliés et inoxydables
- bonne résistance aux températures d'usinage élevées
- 1er 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

TF F M **E**

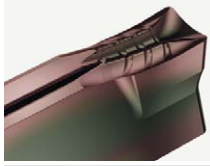
P ★★★★★
M ★★★★★
N ★★☆☆☆
S ★★☆☆☆

- 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
- 1er 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



Revêtement CVD
CVD Beschichtung
CVD coating

TF F **M** E

P ★★★★★
M ★★★★☆
N ★☆☆☆☆
S ★★★☆☆

- nuance très tenace
- grande résistance à la température
- 1er choix pour les aciers « haute température »
- également recommandé pour les aciers inox

- 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

Revêtement PVD
PVD Beschichtung
PVD coating

TF F **M** E

P ☆☆☆☆☆
M ☆☆☆☆☆
N ★★★★★
S ★★★★★

- nuance pour métaux non ferreux
- très faible coefficient de frottement
- 1er choix pour l'usinage des aluminiums, des cuivres et titanes faiblement alliés

- 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

Non revêtu
Unbeschichtet
Uncoated

P ★☆☆☆☆
M ★☆☆☆☆
N ★★★☆☆
S ★★★☆☆

- nuance non revêtue
- recommandé pour l'usinage des matières non ferreuses
- titane, laiton, cuivre, aluminium sans silicium, plastique

- unbeschichtete Sorte
- für die Bearbeitung von Nichteisenmetalle empfohlen
- Titan, Messing, Kupfer, Silicium freies Aluminium, Kunstoff

- uncoated grade
- recommended for machining of non-ferrous materials
- titanium, brass, bronze, aluminium without silicium, plastic

Paramètres de coupe indicatifs
Empfohlene Schnittwerte
Standard machining data

★★★★★ ★★★★ ★★★

			ET15	ET20	ET25	ET30	P Acier Stahl Steel — Acier de décolletage Automatenstahl Free-cutting steel VC (m/min)	F (mm/U)	Acier faiblement allié Leicht legierter Stahl Low alloyed steel VC (m/min)	F (mm/U)	Acier fortement allié Legierter Stahl High alloyed steel VC (m/min)	F (mm/U)	M Inox Rostfreistahl Stainless steel — Austénitique et martensitique Austenitisch und martensitisch Austenitic and martensitic 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**
	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
	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
	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
	ANF	N		●		●								
		TiAlN		●		●							40-80	0.02-0.05
		AC		●		●								
	ARF	N		●		●								
		TiAlN		●		●							40-80	0.02-0.05
		AC		●		●								

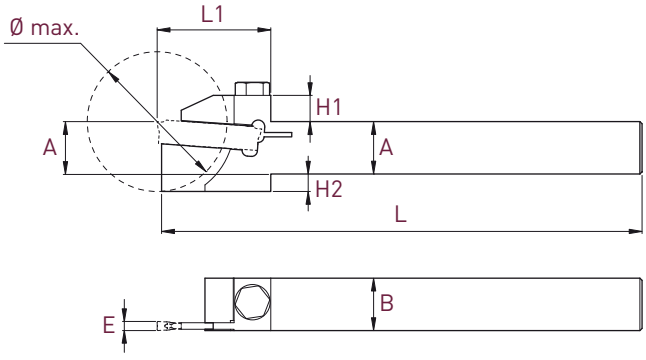
* premier choix en cas de coupe interrompue
** arête de coupe vive

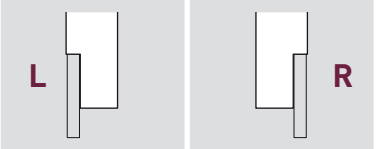
* erste Wahl für unterbrochener Schnitt
** scharfe Schneidkante

* first choice for interrupted cut
** sharp cutting edge

Paramètres de coupe indicatifs
Empfohlene Schnittwerte
Standard machining data

N Alliages 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 Zubehöre
Spare parts and accessories

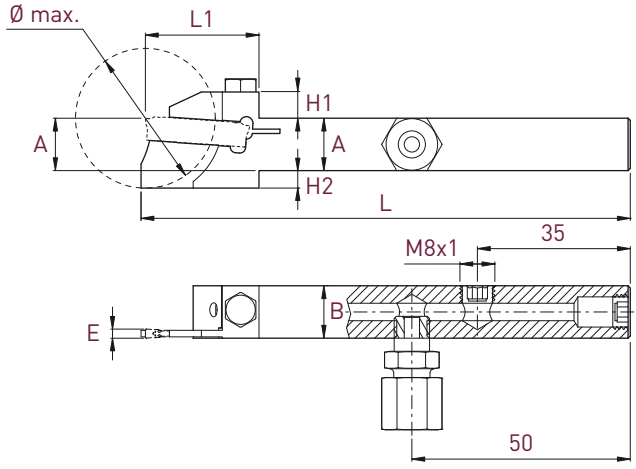
Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H1	H2	Art. N°	Art. N°	Art. N°	Art. N°
E 1.5 **Type** ET15	10x12	110	22	20	5	6	**ET15-H1012L-D22**	**ET15-H1012R-D22**	**V-M5X20-6P6**	**C-6PEX-6.0**
	12x12	110	22	20	5	4	**ET15-H1212L-D22**	**ET15-H1212R-D22**		
	12.7x12.7	110	22	20	5	3	**ET15-H12.7L-D22**	**ET15-H12.7R-D22**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

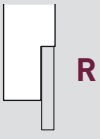
* livré avec chaque porte-outil
mit jedem Halter geliefert
delivered with each holder

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 Zubehöre
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 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**	**V-M5X20-6P6-J**	**C-6PEX-6.0**
	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**	**V-M5X21-6P7-J**	**C-6PEX-7.0**
	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**	**V-M5X27-6P7-J**	**C-6PEX-7.0**
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**	**V-M5X20-6P6-J**	**C-6PEX-6.0**
	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**	**V-M5X21-6P7-J**	**C-6PEX-7.0**
	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**	**V-M5X27-6P7-J**	**C-6PEX-7.0**
E 3.0 **Type** ET30	12.7x12.7	110	32	26	6	3	**ET30-H12.7L-JET32**	**ET30-H12.7R-JET32**	**V-M5X21-6P7-J**	**C-6PEX-7.0**
	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**	**V-M5X27-6P7-J**	**C-6PEX-7.0**
	25x25	140	44	35	8	-	**ET30-H2525L-JET44**	**ET30-H2525R-JET44**		

Pièces de rechange
Ersatzteile
Spare parts

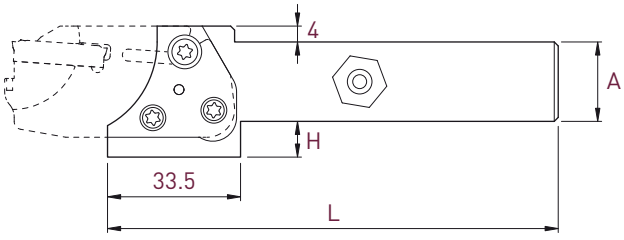
Art. N°
J-M8X1-D6

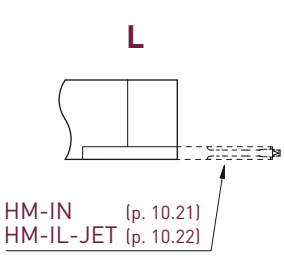
Art. N°
JB-M8X1

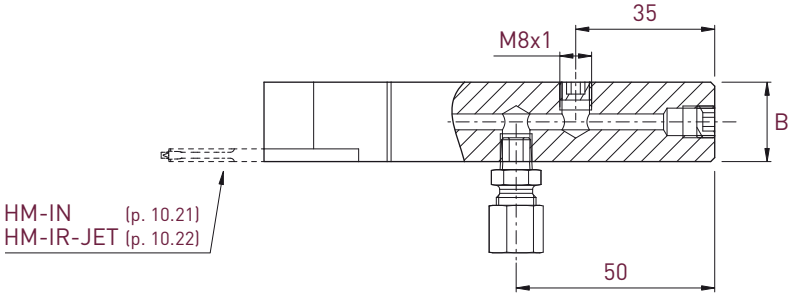
* livré avec chaque porte-outil
mit jedem Halter geliefert
delivered with each holder

H-HM-JET

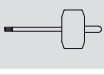
Porte-lames avec arrosage intégré
Halter für Stechklinge mit Kühlmittelzufuhr
Holder for parting-off blades with integrated coolant supply





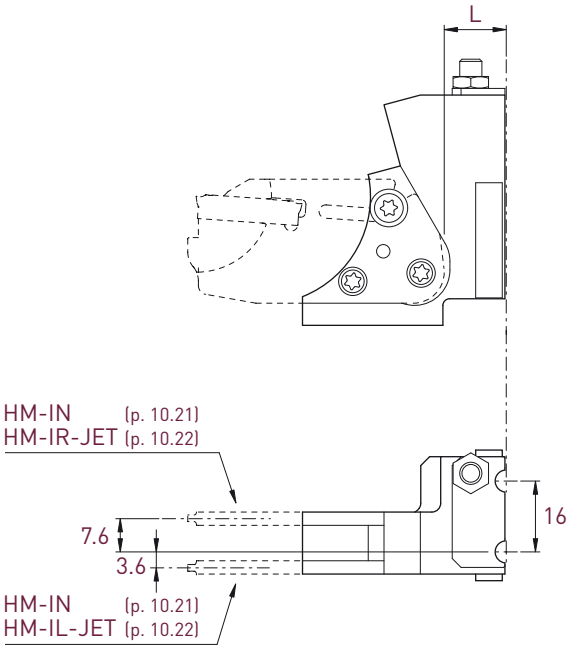


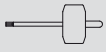
			L	R
A x B	L	H	Art. N°	Art. N°
16x16	113.5	13	**H1616L-HM-JET**	**H1616R-HM-JET**
20x20	113.5	9	**H2020L-HM-JET**	**H2020R-HM-JET**
25x25	138.5	4	**H2525L-HM-JET**	**H2525R-HM-JET**

Pièces de rechange et accessoires Ersatzteile und Zubehöre 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**

Interface Göltenbodt

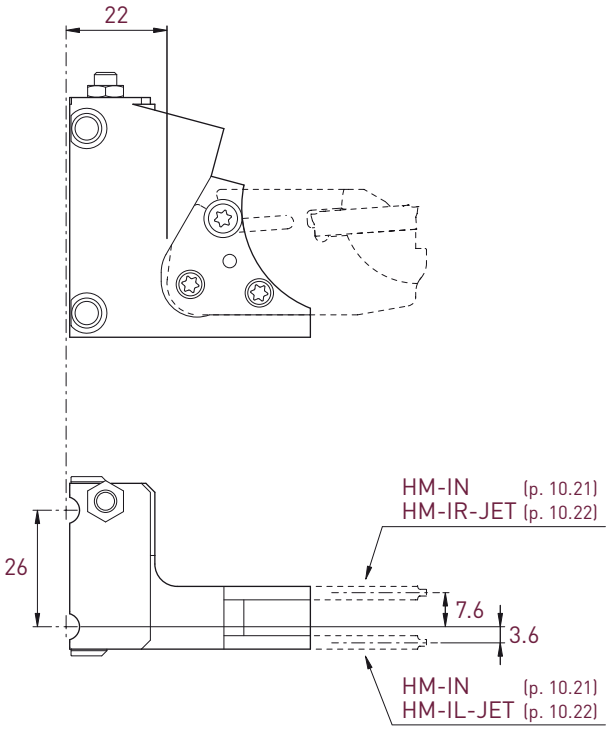
GWS02R-HM-JET

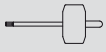


			R	Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories		Options
						
Interface	Machine compatibility	L	**Art. N°**	**Art. N°**	**Art. N°**	**Art. N°**
GWS02	AS14	14	**GWS02R-02001-HM-JET**	**V-M5X10-T20IP**	**V-M6X10-T20IP**	**C-T20IP**
	SAS16					
	SBS20					
	Others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

GWS41L-HM-JET

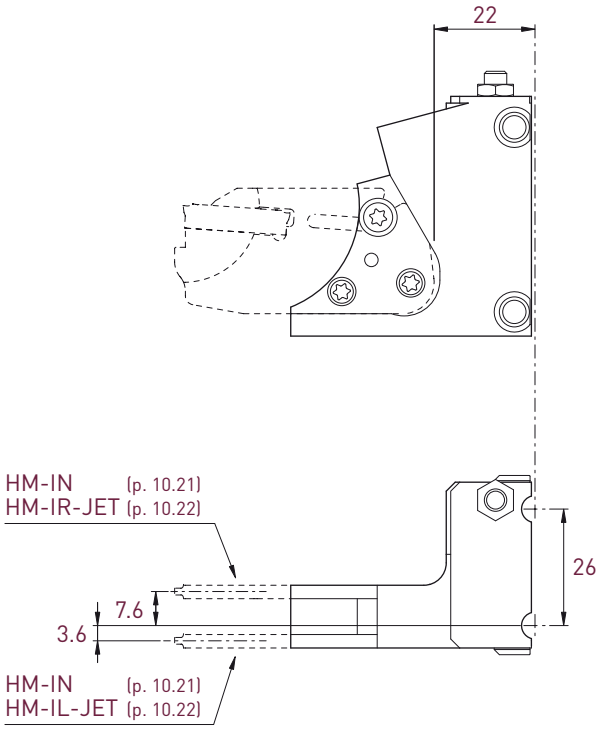
Interface Göltenbodt

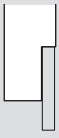
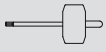


		L	Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories		Options
					
Interface	Machine compatibility	**Art. N°**	**Art. N°**	**Art. N°**	**Art. N°**
GWS41	MultiSwiss 6X16	**GWS41L-41001-HM-JET**	**V-M5X10-T20IP**	**V-M6X10-T20IP**	**C-T20IP**
	MultiDeco 20X6				
	MultiDeco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

Interface Göltenbodt

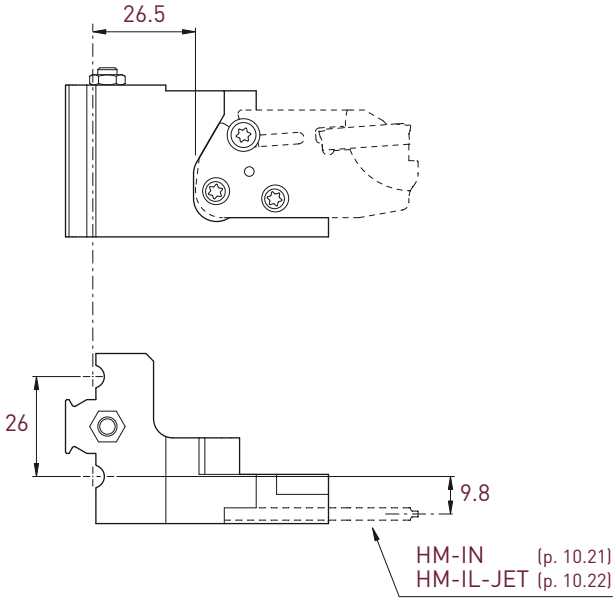
GWS41R-HM-JET



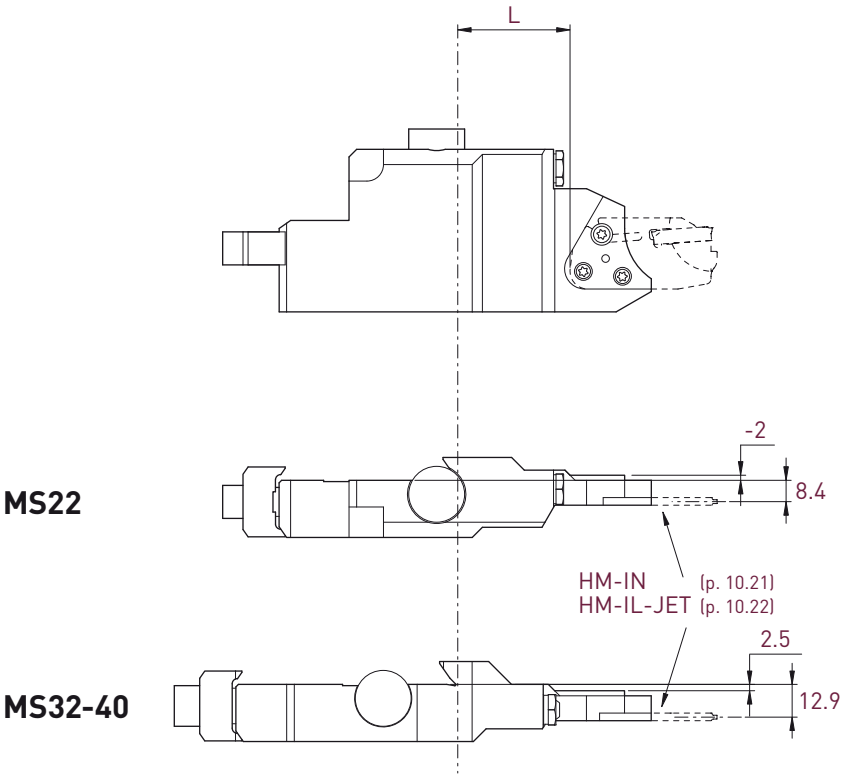
		R	Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories		Options
					
Interface	Machine compatibility	**Art. N°**	**Art. N°**	**Art. N°**	**Art. N°**
GWS41	MultiSwiss 6X16	**GWS41R-41002-HM-JET**	**V-M5X10-T20IP**	**V-M6X10-T20IP**	**C-T20IP**
	MultiDeco 20X6				
	MultiDeco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

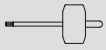
GWS202L-HM-JET

Interface Göltenbodt



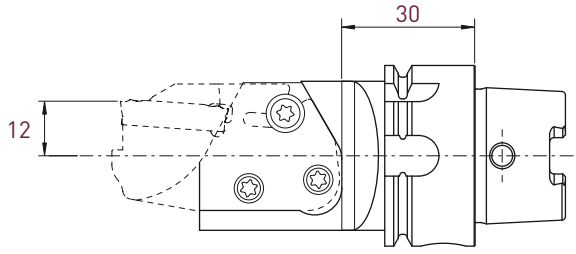
		L	Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories		Options
Interface	Machine compatibility	**Art. N°**	**Art. N°**	**Art. N°**	**Art. N°**
GWS202	MultiSwiss 6X32 MultiSwiss 8X26	**GWS202L-202001-HM-JET**	**V-M5X10-T20IP**	**V-M6X10-T20IP**	**C-T20IP**

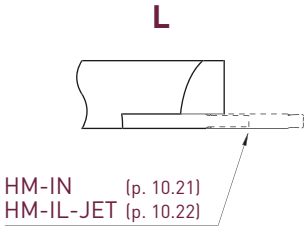


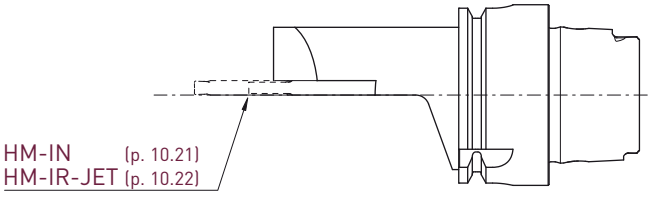
Machine compatibility	L	Art. N°	Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories		Options
					
			Art. N°	Art. N°	Art. N°
MS22	44.2	**MS22-W5190231-HM-JET**	**V-M5X10-T20IP**	**V-M6X10-T20IP**	**C-T20IP**
MS32-40	45.5	**MS32-40-W5190233-HM-JET**			

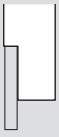
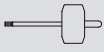
HSK-JET

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



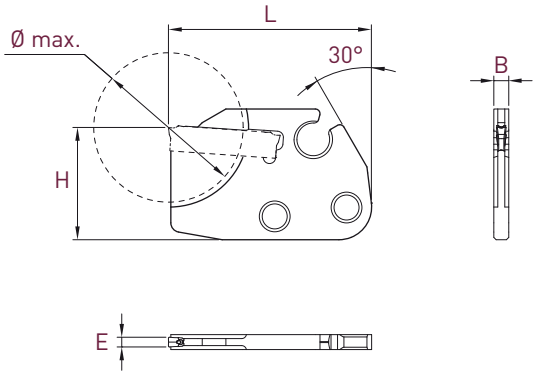




L	R	Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories		Options
				
Art. N°	**Art. N°**	**Art. N°**	**Art. N°**	**Art. N°**
HSK-T40-L-HM-JET	**HSK-T40-R-HM-JET**	**V-M5X10-T20IP**	**V-M6X10-T20IP**	**C-T20IP**

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

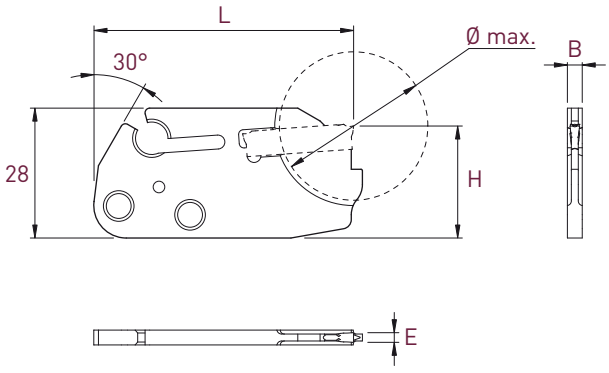
HM



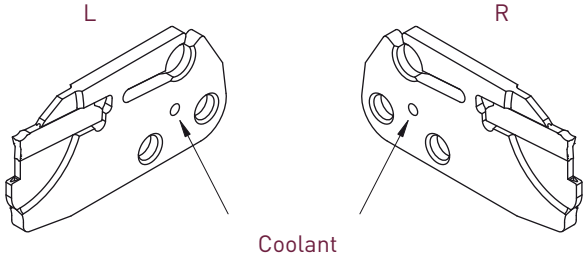
					N
Plaquettes WSP Inserts	Ø max.	B	L	H	**Art. N°**
E 1.5 **Type** ET15	20	3.2	43.5	24	**ET15-HM-IN-43-D20**
	32	3.2	43.5	24	**ET15-HM-IN-43-D32**
E 2.0 **Type** ET20	20	3.2	43.5	24	**ET20-HM-IN-43-D20**
	26	3.2	43.5	24	**ET20-HM-IN-43-D26**
	26	3.2	54	24	**ET20-HM-IN-54-D26**
	32	3.2	43.5	24	**ET20-HM-IN-43-D32**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

HM-JET

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

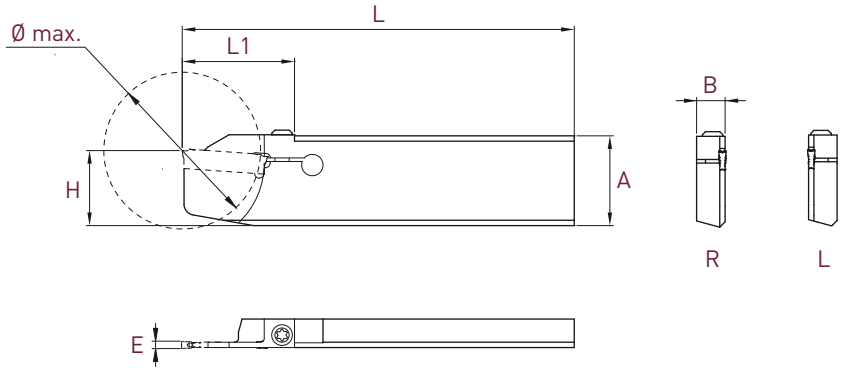


Plaquettes WSP Inserts	Ø max.	B	L	H	L Art. N°	R Art. N°
E 2.0 **Type** ET20	20	3.2	48.5	24	**ET20-HM-IL-48.5-JET20**	**ET20-HM-IR-48.5-JET20**
	24		48.5		**ET20-HM-IL-48.5-JET24**	**ET20-HM-IR-48.5-JET24**
	32		45.5		**ET20-HM-IL-45.5-JET32**	**ET20-HM-IR-45.5-JET32**
	32		56		**ET20-HM-IL-56-JET32**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



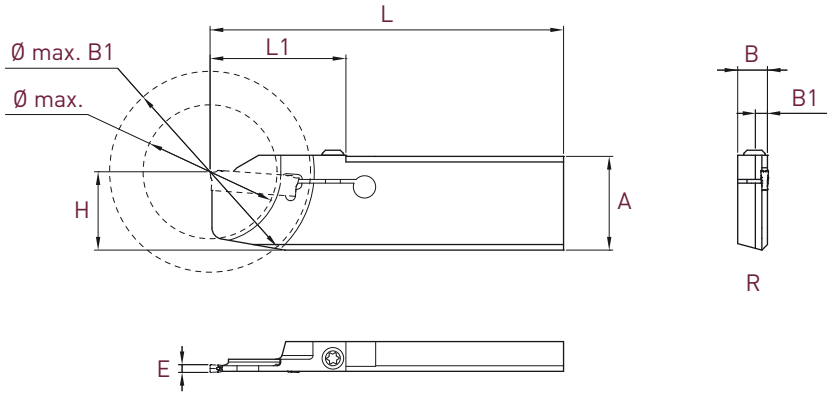
						L	R
Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H	**Art. N°**	**Art. N°**
E 1.5	26x8	110	20	19.5	21	**ET15-HK-2608L-110-D20**	**ET15-HK-2608R-110-D20**
Type ET15	26x8	110	32	25.5	21	**ET15-HK-2608L-110-D32**	**ET15-HK-2608R-110-D32**
E 2.0	26x8	110	32	25.5	21	**ET20-HK-2608L-110-D32**	**ET20-HK-2608R-110-D32**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

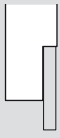
Pièces de rechange et accessoires Ersatzteile und Zubehöre Spare parts and accessories	Options
*	
Art. N°	**Art. N°**
V-M4X14.5-T15-EVOCUT	**C-T15**

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

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





R

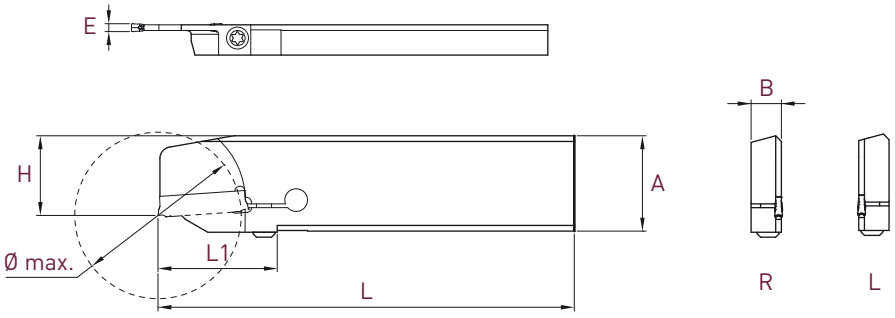
Plaquettes WSP Inserts	A x B	L	Ø max.	Ø max. B1	B1	L1	H	Art. N°
E 1.5 **Type** ET15	26x8	95	36	54	3.25	36.5	21	**ET15-HK-2608RS-95-D36**
E 2.0 **Type** ET20	26x8	95	36	54	3.25	36.5	21	**ET20-HK-2608RS-95-D36**

Pièces de rechange et accessoires Ersatzteile und Zubehöre 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

Lames de tronçonnage inversées
Überkopf Stechklinge
Upside down parting-off blades

HUK

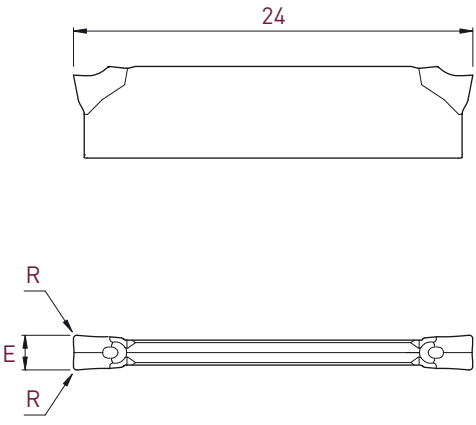


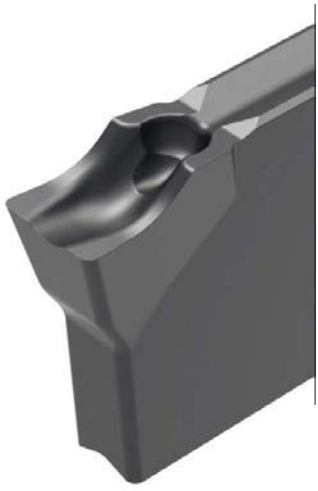
Plaquettes WSP Inserts	A x B	L	Ø max.	L1	H	L Art. N°	R Art. N°
E 1.5	26x8	110	20	19.5	21	**ET15-HUK-2608L-110-D20**	**ET15-HUK-2608R-110-D20**
Type ET15	26x8	110	32	25.5	21	**ET15-HUK-2608L-110-D32**	**ET15-HUK-2608R-110-D32**
E 2.0	26x8	110	32	25.5	21	**ET20-HUK-2608L-110-D32**	**ET20-HUK-2608R-110-D32**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

Pièces de rechange et accessoires Ersatzteile und Zubehöre 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

Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

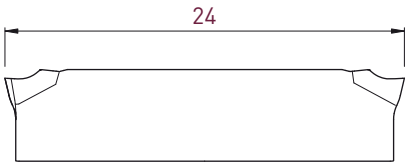


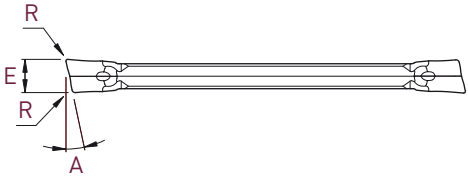


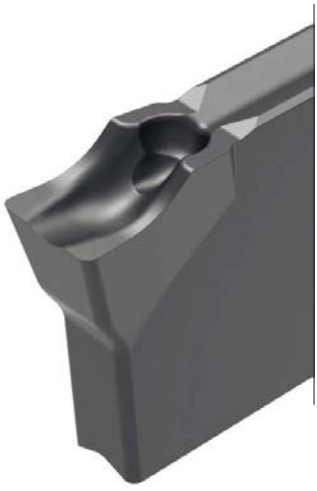
Type	E ±0.05	R	Art. N°	UN TiAlN	UN Tmax	UN Zmax	UN ZTi6
ET15	1.35	0	ET15-UN-000F	●			
	1.5	0.2	ET15-UN-002	●	●	●	
ET20	1.85	0	ET20-UN-000F	●			
	2.0	0.2	ET20-UN-002	●	●	●	●
ET25	2.35	0	ET25-UN-000F	●			
	2.5	0.3	ET25-UN-003	●	●	●	●
ET30	2.85	0	ET30-UN-000F	●			
	3.0	0.3	ET30-UN-003	●	●	●	●

Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

UL-UR



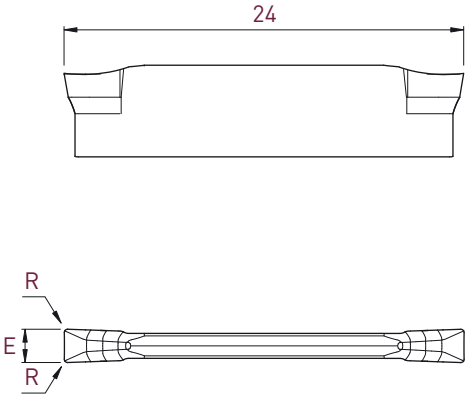




				UL				UR			
Type	E ±0.05	A	R	Art. N°	TiAlN	Tmax	Zmax	Art. N°	TiAlN	Tmax	Zmax
ET15	1.5	6°	0.2	-				ET15-UR-602	●	●	●
	1.35	8°	0	-				ET15-UR-800F	●		
	1.5	12°	0.1	-				ET15-UR-1201	●	●	●
	1.35	15°	0	ET15-UL-1500F	●			ET15-UR-1500F	●		
ET20	2.0	6°	0.2	-				ET20-UR-602	●	●	●
	1.85	8°	0	-				ET20-UR-800F	●		
	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

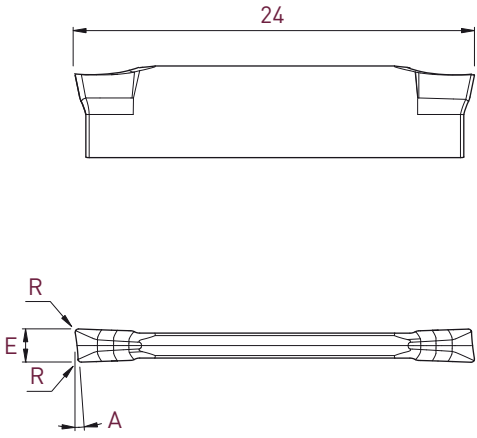
Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts



Type	E ±0.05	R	Art. N°	JN			
				P M N S	P M	P M	P M
				TiAlN	Tmax	Zmax	ZTi6
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

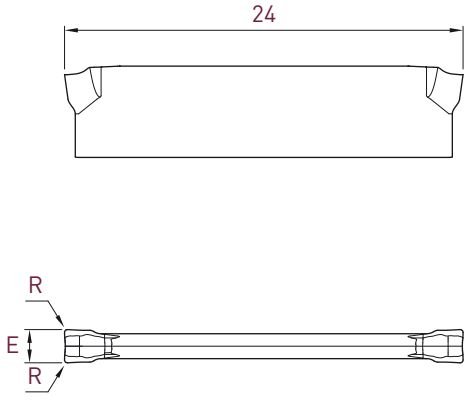
JR



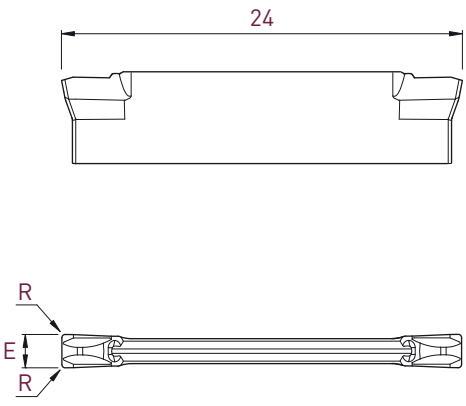
				JR			
Type	E ±0.05	A	R	Art. N°	TiAlN	Tmax	Zmax
ET15	1.5	6°	0.2	ET15-JR-602	●	●	●
ET20	2.0	6°	0.2	ET20-JR-602	●	●	●
ET25	2.5	6°	0.2	ET25-JR-602	●	●	●
ET30	3.0	6°	0.3	ET30-JR-603	●	●	●

JSN

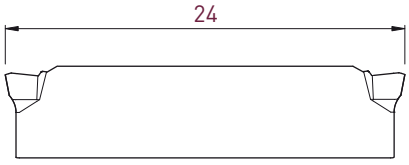
Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

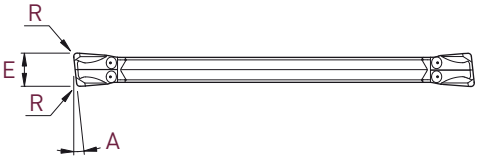


Type	E ±0.05	R	Art. N°	Tmax
			JSN	P M
ET20	2.0	0.2	ET20-JSN-002	●

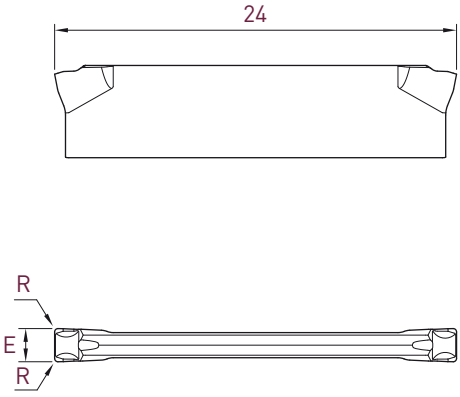


Type	E ±0.05	R	TN Art. N°	P M N	P M	P M	P M
				TiAlN	Tmax	Zmax	ZTi6
ET20	2.0	0.2	ET20-TN-002	●	●	●	●
ET25	2.5	0.3	ET25-TN-003	●	●	●	●
ET30	3.0	0.3	ET30-TN-003	●	●	●	●





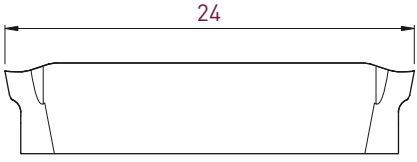
				TR				
Type	E ±0.05	A	R	Art. N°	TiAlN	Tmax	Zmax	ZTi6
ET20	2.0	6°	0.2	ET20-TR-602	●	●	●	
ET25	2.5	6°	0.2	ET25-TR-602	●	●	●	
ET30	3.0	6°	0.3	ET30-TR-603	●	●	●	●

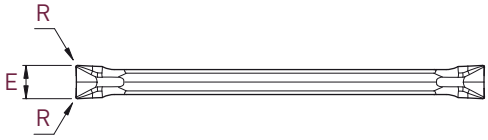


			TSN		
Type	E ±0.05	R	Art. N°	Tmax	Zmax
ET20	2.0	0.2	ET20-TSN-002	●	●

AN

Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

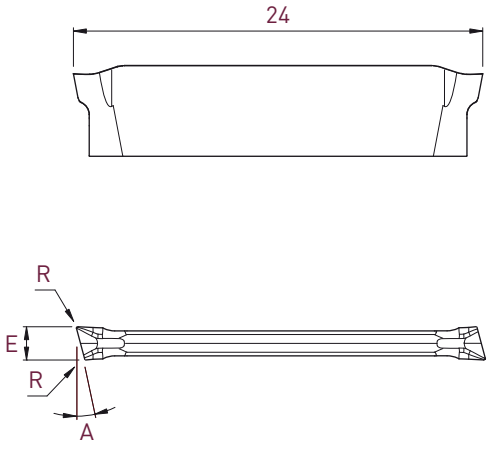




			AN			
Type	E ±0.05	R	Art. N°	TiAlN	AC	N
ET20	2.0	0.2	ET20-AN-002F	●	●	●
ET30	3.0	0.3	ET30-AN-003F	●	●	●

Plaquettes de tronçonnage
Abstechwendeplatten
Cut off inserts

AR



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

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 standard
Standardartikel
Standard item

P Acier
Stahl
Steel

M Inox
Rostfreistahl
Stainless steel

N Alliages d'aluminium et non ferreux
Aluminium- und Nichteisenlegierungen
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

P ★★★★★
M ★★★★★
N ★★★★☆
S ★★★★☆

TF — F — M — E

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