TOP-Line

Schwartz tools + more



APPLITEC CUTTING TOOLS

Codification
Kodifizierung
Coding guide
> 1.04

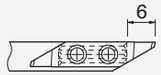
Infos et avantages
Infos und Vorteile
Infos and advantages
> 1.05

Nuances
Sorten
Grades
> 1.12

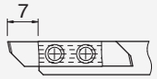
Paramètres de coupe indicatifs
Empfohlene Schnittwerte
Standard machining data
> 1.18

Nuances PCD
PKD Sorten
PCD grades
> 1.20

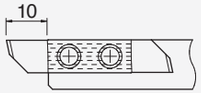
Paramètres de coupe indicatifs PCD
PKD empfohlene Schnittwerte
PCD standard machining data
> 1.21

710 / 720
Pour machines à cames
Für kurvengesteuerte Maschinen
For cam driven machines


> 1.22

730 / 740
Main series
Small type


> 1.34

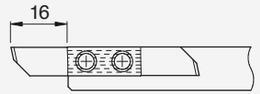
750 / 760
Main series
Large type


> 1.90

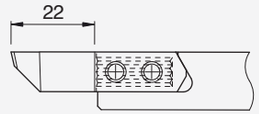
Zurück zum Kapitelanfang

TOP-Line

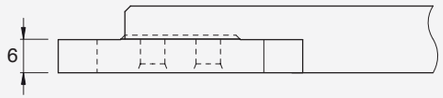
Index

770 / 780
Tronçonnage de grande capacité
Abstechen für grössere Durchmesser
High capacity parting off


> 1.164

7050 / 7060
Tronçonnage de grande capacité
Abstechen für grössere Durchmesser
High capacity parting


> 1.176

W750 / W760
Outils avec plaquettes ébauches larges pour profilage
Werkzeuge mit breiten WSP-Rohlingen für Profilschleifen
Tools with wide blank inserts for profiling


> 1.184

Porte-outils spécifiques
Spezifische Werkzeughalter
Specific tool holders

> 1.192

Pièces de rechange
Ersatzteile
Spare parts
> 1.214

7	6	4	X	–	2.0	–	R20	–	HTA

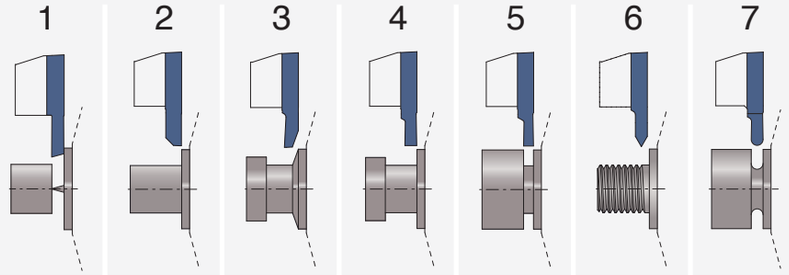
Dimension
Abmessung
Dimension

Rayon
Radius
Radius

Nuance
Sorte
Grade

Géométrie de coupe / Brise-copeaux / Particularités
Schneidgeometrie / Spanbrecher / Sondereigenschaften
Cutting geometry / Chipbreaker / Special features

Géométrie d'usinage
Bearbeitungsgeometrie
Machining geometry

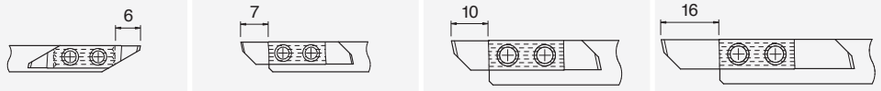


Gamme de produit
Produktserie
Product series

définit la compatibilité des plaquettes avec le porte-outils
definiert die Kompatibilität der Wendeschneidplatten mit dem Werkzeughalter
defines the compatibility between inserts and toolholders

L = 1, 3, 5, 7 (chiffre impair / ungerade Zahl / uneven number)
R = 2, 4, 6, 8 (chiffre pair / gerade Zahl / even number)

L 710	R 720	L 730	R 740	L 750	R 760	L 770	R 780



pour machines à cames
für kurvengesteuerte Maschinen
for cam driven machines

main series
small type

main series
large type

tronçonnage uniquement
nur für abstechen
only for parting off

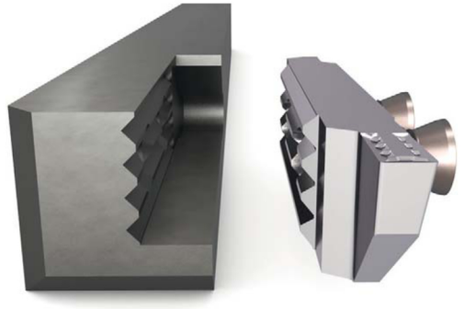
Applitec série 700
Applitec 700 Serie
Applitec 700 series

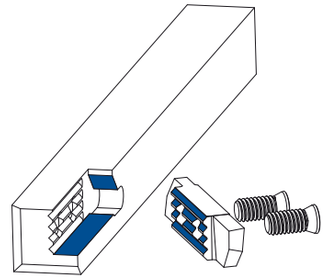
Système de serrage à denture décalée avec 2 vis de fixation
Spannsystem mit 2 Schrauben und verschobener Verzahnung
Shifted teeth clamping system with 2 screws

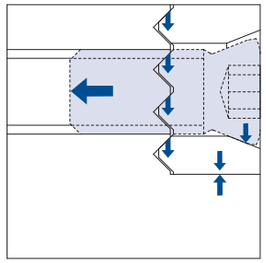
Zurück zum Kapitelanfang

100% rigid !

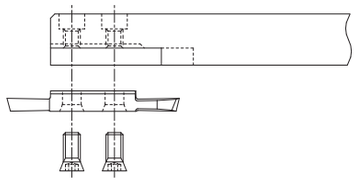
Système de serrage Applitec à denture décalée
Applitec-Spannsystem mit verschobener Verzahnung
Applitec clamping system with shifted teeth

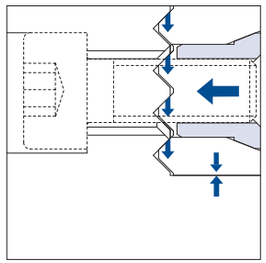






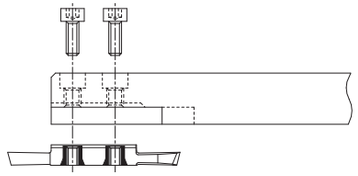
Serrage standard (A)
Standard Spannsystem (A)
Standard clamping system (A)





Serrage type B*
Spannsystem Typ B*
Clamping system type B*

ajouter -B après le numéro d'article
-B nach der Artikelreferenz hinzufügen
add -B after the article number



Changement de la plaquette possible dans la machine, sans démontage du porte-outil
WSP-Austauschmöglichkeit in der Maschine ohne Halterausbau
The insert can be changed in the machine without removing the tool holder

* =sur demande / auf Anfrage / on request

★ 1er choix / 1. Wahl / 1st choice

☆ Recommandé / Empfohlen / Recommended

Pour pièces fragiles de très petits diamètres / Für empfindliche und sehr kleine Werkstücke / For fragile and very small work pieces

Conseils d'utilisation / Anwendungsempfehlungen / Application recommendations

Tronçonnage / Abstechen / Parting off

Géométries decoupe / Spanformgeometrien / Cuttinggeometries		Arêtedecoupe / Schneidkante / Cuttingedge	Series 710/720	730/740	750/760	770/780	7050/7060	P: Acier dedécolletage / Automatenstahl / Free-cuttingsteel	P: Acier allié / Stahl / Alloyed steel	M: Acier inoxydable / Rostfreistahl / Stainless steel	N: Aluminium	N: Laiton, bronze / Messing & Bronze / Brass & bronze	N: Laiton sans plomb (CuZn42, …) / Bleifreies Messing / Lead-freebrass	N: Ecobrass	N: Cuivre / Kupfer / Copper	S: Titane / Titan / Titanium	Conseils et avantages / Tipps undVorteile / Tips and benefits
	0°		●	●	●	●	●	★	✓	✓	✓	★		✓	✓	✓	Permet un réaffûtageaisé Erlaubt einfaches Nachschleifen Allowseasyregrinding
	0° PCD			●	●						☆	☆	☆	★	☆	☆	Duréedevienettement prolongée Deutlich verlängerteLebensdauer Significantlyextendedtool life
	X4°			●	●			★	★	★	✓		☆		✓	✓	Réduit l'effort decoupe,réaffûtable Reduziert Schneidkräfte,nachschleifbar Decreasescuttingforce,allowsregrinding
	XF			●	●	●	●	☆	★	★					☆		Pour matièresdifficiles(pointerenforcée) Für schwierigeWerkstoffe(verstärkteSpitze) For difficult materials(reinforcedtip)
	X12°			●	●					☆	★		☆		★	★	Très bonnemaîtrisedu copeau Sehr guteSpankontrolle Veryefficient chipcontrol
	X25°			●	●					☆	★				☆	☆	Pour matières collantes faisant detrès longs copeaux Für klebrigeWerkstoffemit sehr langen Spänen For stickymaterials producing(very)longchips
	U			●	●	●		☆	☆	☆							Pour resserer lecopeau,réaffûtageaisé Für Spanverschmälerung,einfaches Nachschleifen Tonarrow thechips,easyregrinding
	ZU8				●			★	★	★	☆ <5% Si	☆				☆	Géométrielaser avecunetrès bonnemaîtrise du copeau Sehr guteSpankontrolle Veryefficient chipcontrol
	X840				●						☆ <5% Si		★			☆	Pour l'usinagedes matières sans plomb Bearbeitungbleifreier Werkstoffe Machininglead-freematerials
	RAS				●			★	★	☆						☆	Positif à7°,réduit l'effort decoupe,réaffûtable Reduziert Schneidkräfte,nachschleifbar 7° positive,Reduces cuttingforce,allows regrinding

★ 1er choix / 1. Wahl / 1st choice

☆ Recommandé / Empfohlen / Recommended

✓ Pour pièces fragiles de très petits diamètres / Für empfindliche und sehr kleine Werkstücke / For fragile and very small work pieces

Conseils d'utilisation
Anwendungsempfehlungen
Application recommendations

Tournage avant
Vorwärts drehen
Front turning

Géométries decoupe Spanformgeometrien Cuttinggeometries	Arêtedecoupe Schneidkante Cuttingedge	Series 710/720	Series 730/740	Series 750/760	P Acier dedécolletage Automatenstahl Free-cuttingsteel	P Acier allié Stahl Alloyed steel	M Acier inoxydable Rostfreistahl Stainless steel	N Aluminium	N Laiton, bronze Messing & Bronze Brass & bronze	N Laiton sans plomb (CuZn42, …) Bleifreies Messing Lead-freebrass	N Ecobrass	N Cuivre Kupfer Copper	S Titane Titan Titanium	Conseils et avantages Tipps und Vorteile Tips and benefits
0°		●	●	●	★	✓	✓	✓	✓		✓	✓	✓	Permet un réaffûtageaisé Erlaubt einfaches Nachschleifen Allowseasyregrinding
0° PCD			●					☆	☆	☆	★	☆	☆	Duréedevienettement prolongée Deutlich verlängerte Lebensdauer Significantlyextendedtool life
PX			●	●	★	☆	☆	✓		☆		☆	☆	Très bonnemaîtrisedu copeau (7°) Sehr gute Spankontrolle Veryefficient chipcontrol
X			●	●	★	★	★	★		☆		★	★	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
X5-EP				●	★	★	☆							Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
X10-EP				●	☆	☆	★	☆					☆	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
VS			●	●	☆		☆	✓				✓	✓	Brise-copeau pour usinageléger en finition Spanbrecher für leichte Schlichtbearbeitung Chip-breaker for light finishingoperation
ZX10			●	●	★	★	★	☆ <5% Si	☆	☆			☆	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
ZX17			●				☆	★ <5% Si				★	★	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
ZX25				●			☆	★ <5% Si				★	★	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
ZXB10				●	★	★	★	☆ <5% Si	☆	☆			☆	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
ZXT				●	★	★	★	☆ <5% Si	☆	☆			☆	Très bonnemaîtrisedu copeau Sehr gute Spankontrolle Veryefficient chipcontrol
ZF-X			●	●						★				Pour l'usinagedes matières sans plomb Bearbeitung bleifreier Werkstoffe Machininglead-freematerials
VX-800				●	★	★	☆	☆				☆	☆	Pour l'usinagedes matières sans plomb Bearbeitung bleifreier Werkstoffe Machininglead-freematerials
VUX				●	☆	☆	★	☆				☆	★	Roule-copeau bidirectionnel Bidirektionaler Spanroller Bi-directional chip-breaker

★ 1er choix / 1. Wahl / 1st choice

☆ Recommandé / Empfohlen / Recommended

✓ Pour pièces fragiles de très petits diamètres / Für empfindliche und sehr kleine Werkstücke / For fragile and very small work pieces

Conseils d'utilisation / Anwendungsempfehlungen / Application recommendations

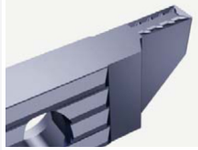
Tournage arrière / Rückwärts drehen / Back turning

Géométries decoupe / Spanformgeometrien / Cuttinggeometries		Arêtedecoupe / Schneidkante / Cuttingedge	Series 710/720	Series 730/740	Series 750/760	P Acier dedécolletage / Automatenstahl / Free-cuttingsteel	P Acier allié / Stahl / Alloyed steel	M Acier inoxydable / Rostfreistahl / Stainless steel	N Aluminium	N Laiton, bronze / Messing & Bronze / Brass & bronze	N Laiton sans plomb (CuZn42, ...) / Bleifreies Messing / Lead-freebrass	N Ecobrass	N Cuivre / Kupfer / Copper	S Titane / Titan / Titanium	Conseils et avantages / Tipps und Vorteile / Tips and benefits
	0°		•	•	•	★	✓	✓	✓	✓		✓	✓	✓	Permet un réaffûtageaisé / Erlaubt einfaches Nachschleifen / Allowseasyregrinding
	0° PCD			•					☆	☆	☆	★	☆	☆	Duréedevienettement prolongée / Deutlich verlängerteLebensdauer / Significantlyextendedtool life
	X			•	•	★	★	★	★		☆		★	★	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol
	VX-8°			•	•	★	★	☆	☆		☆		☆	☆	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol
	VX-800			•	•	★	★	☆	☆				☆	☆	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol
	VX-15°			•	•	☆		☆	★				★	★	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol
	VUX				•	☆	☆	★	☆				☆	★	Roule-copeau bidirectionnel / Bidirektionaler Spanroller / Bi-directional chipbreaker
	ZX10			•	•	★	★	★	☆ <5% Si	☆	☆			☆	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol
	ZXB				•	★	★	★	☆ <5% Si	☆	☆			☆	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol
	ZXT			•	•	★	★	★	☆ <5% Si	☆	☆			☆	Très bonnemaîtrisedu copeau / Sehr guteSpankontrolle / Veryefficient chipcontrol

TOP-Line
Nuances
Sorten
Grades
K20

µK20

TiAlN



K20

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

TF F **M** E

P ★★★★★
M ★★★★★
N ★★★★☆
S ★★★★☆

- excellente nuance universelle
- 1er choix pour l'usinage des aciers, aciers inoxydables et alliages de titane
- très bonne résistance à la température

- beste Universalsorte
- erste Wahl von Stahl, rostfreiem Stahl und Titanlegierungen
- sehr gute Warmfestigkeit

- best universal grade
- first choice for steel, stainless steel and titanium alloys machining
- very good heat resistance

µK20

TiAlX



K20

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

TF **F** M E

P ★★★★☆
M ★★★★★
N ★☆☆☆☆
S ★★★★★

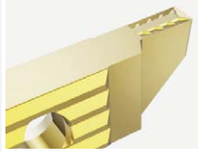
- nuance très résistante à l'usure et à la température, recommandée pour l'usinage des matières suivantes: inox 304, 316L, 317L, 904, Phynox
- aciers alliés contenant: chrome nickel, vanadium, molybdène, …

- sehr verschleissfeste und temperaturbeständige Sorte. Für folgende Materialien empfohlen: Inox 304, 316L, 317L, 904, Phynox
- legierter Stahl enthaltend: Chrom-Nickel, Vanadium, Molybdän, …

- very wear and high temperature resistant grade. Recommended for following material : Inox 304, 316L, 317L, 904, Phynox
- alloy steel containing: Chrome-nickel, Vanadium, Molybdenum, …

µK20

TiN



K20

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

TF F **M** E

P ★★★★☆
M ★★★★☆
N ★★★☆☆
S ☆☆☆☆☆

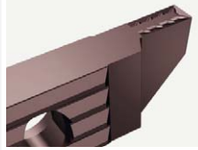
- nuance pour l'usinage des matières peu résistantes qui créent des arêtes rapportées
- très faible coefficient de frottement
- à éviter pour l'usinage du titane

- Sorte für die Bearbeitung von weichen Werkstoffen mit Tendenz zur Bildung von Aufbauschneiden
- sehr geringer Reibwert
- für die Bearbeitung von Titan nicht geeignet

- grade for the machining of low resistance materials which causes edge build-up
- very low friction ratio
- not suitable for titanium machining

µK20

ST



K20

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

TF F **M** E

P ★★★★★
M ★★★★★
N ★★★★☆
S ★★★★☆

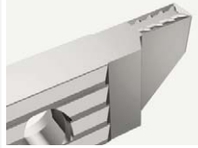
- nuance résistante à la température, destinée à l'usinage des matières suivantes: inox, titane allié, alliages à base de nickel, chrome cobalt, les matières avec une dureté supérieure à > 50 HRC

- verschleissfeste und temperaturbeständige Sorte. Für folgende Materialien empfohlen: Inox, legiertes Titan, Nickellegierungen, Chrom-Kobalt, materialien härter als > 50 HRC

- wear and temperature-resistant grade. Recommended for following materials: Inox, titanium alloys, nickel-based alloys, chrome-cobalt, and materials harder than > 50 HRC

µK20

N



K20

Non revêtu
Unbeschichtet
Uncoated

P ★☆☆☆☆
M ★☆☆☆☆
N ★★★☆☆
S ★★★☆☆

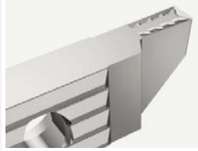
- supporte les coupes interrompues et autres conditions d'usinage défavorables

- für unterbrochene Schnitte und andere ungünstige Bearbeitungsbedingungen geeignet

- suitable for interrupted cut and other unfavourable machining conditions

µK10 - µK20

KCR



K10 - K20

µK10 - µK20 + revêtement PVD
µK10 - µK20 + PVD Beschichtung
µK10 - µK20 + PVD coating

TF F **M** E

P ★★★★★
M ★★★★★
N ★★★★★
S ★★★★☆

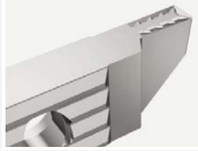
- nuance spécifique aux matériaux non ferreux tels que cuivre, laiton, laiton sans plomb, bronze, maillechort
- réduit le collage. Alternative aux revêtements DLC pour certains domaines d'applications

- spezifische Sorte, für Nichteisenmetalle wie Kupfer, Messing, bleifreies Messing, Bronze, Neusilber
- Verringerung des Klebens. Alternative zu DLC-Beschichtungen in gewissen Einsatzbereichen

- specific grade for non-ferrous materials such as copper, brass, lead-free brass, bronze and nickel silver
- reduces sticking. Alternative to DLC coatings for certain applications

µK10 - µK20

KCRF



K10 - K20

µK10 - µK20 + revêtement PVD
µK10 - µK20 + PVD Beschichtung
µK10 - µK20 + PVD coating

TF **F** M E

P ★★★★★
M ★★★★★
N ★★★★★
S ★★★★☆

- nuance spécifique aux matériaux non ferreux tels que cuivre, laiton, laiton sans plomb, bronze, maillechort
- réduit le collage. Alternative aux revêtements DLC pour certains domaines d'applications

- spezifische Sorte, für Nichteisenmetalle wie Kupfer, Messing, bleifreies Messing, Bronze, Neusilber
- Verringerung des Klebens. Alternative zu DLC-Beschichtungen in gewissen Einsatzbereichen

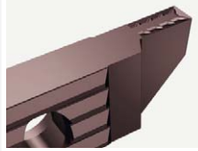
- specific grade for non-ferrous materials such as copper, brass, lead-free brass, bronze and nickel silver
- reduces sticking. Alternative to DLC coatings for certain applications

Zurück zum Kapitelanfang

TOP-Line
Nuances
Sorten
Grades
K10 - K20

µK10 - µK20

KST



K10 - K20

µK10 - µK20 + revêtement PVD
µK10 - µK20 + PVD Beschichtung
µK10 - µK20 + PVD coating

TF F **M** E

P ★★★★★
M ★★★★★
N ★★★★☆
S ★★★★★

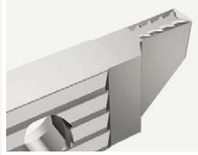
- nuance présentant d'excellentes propriétés de résistance à l'usure et ténacité, destinée à l'usinage des matières suivantes: inox, titane allié, alliages à base de nickel, chrome cobalt, les matières avec une dureté supérieure à > 50 HRC

- verschleissfeste und zähe Sorte. Für folgende Materialienempfohlen: Inox, legiertes Titan, Nickellegierungen, Chrom-Kobalt, materialien härter als > 50 HRC

- grade with excellent wear resistance and toughness properties. Recommended for following materials: Inox, titanium alloys, nickel-based alloys, chrome-cobalt, and materials harder than > 50 HRC

µK10 - µK20

KN



K10 - K20

Non revêtu
Unbeschichtet
Uncoated

P ★☆☆☆☆
M ★☆☆☆☆
N ★★★☆☆
S ★★★☆☆

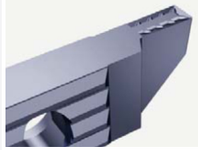
- nuance micro-grain, alliant une très bonne résistance à l'usure et une bonne ténacité.
- recommandé pour l'usinage des matières ne nécessitant aucun revêtement, par exemple le titane pur.

- verschleißfeste Feinkornsorte, unbeschichtet, die eine sehr gute Verschleißfestigkeit mit guter Zähigkeit kombiniert.
- empfohlen für die Bearbeitung von Werkstoffen, die keine Beschichtung erfordern, wie zum Beispiel reines Titan.

- micro-grain grade, combining excellent wear resistance with good toughness.
- recommended for machining materials that do not require any coating, such as pure titanium.

µK10

HTA



K10

µK10 + revêtement PVD
µK10 + PVD Beschichtung
µK10 + PVD coating

TF F **M** E

P ★★★★★
M ★★★★★
N ★★★★☆
S ★★★★☆

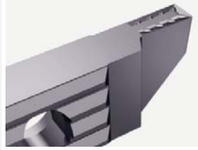
- nuance très résistante à l'usure
- pour l'usinage en finition dans des conditions favorables des aciers, aciers inoxydables et alliages de titane

- sehr verschleissfeste Sorte
- für die Feinbearbeitung von Stahl, rostfreiem Stahl und Titanlegierungen bei guten Bearbeitungsbedingungen

- very wear resistant grade
- for light machining of steel, stainless steel and titanium alloys under favourable machining conditions

µK10

HTAX



K10

µK10 + revêtement PVD
µK10 + PVD Beschichtung
µK10 + PVD coating

TF **F** M E

P ★★★★☆
M ★★★★★
N ★☆☆☆☆
S ★★★★★

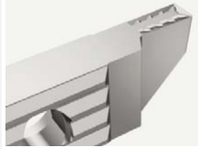
- nuance très résistante à l'usure et à la température, pour l'usinage en finition avec faible avance de petites pièces. Recommandée pour l'usinage des matières suivantes: inox 304, 316L, 317L, 904, Phynox

- sehr verschleissfeste und temperaturbeständige Sorte, für Feinbearbeitung von kleinen Teilen mit geringer Vorschub. Für folgende Materialien empfohlen: Inox 304, 316L, 317L, 904, Phynox

- very wear and high temperature resistant grade, for light machining of small parts with low cutting feed. Recommended for following material : Inox 304, 316L, 317L, 904, Phynox

µK10

HCR-TF



K10

µK10 + revêtement PVD
µK10 + PVD Beschichtung
µK10 + PVD coating

TF F M E

P ☆☆☆☆☆
M ☆☆☆☆☆
N ★★★★★
S ★★★★☆

- nuance spécifique aux matériaux non ferreux tels que cuivre, laiton, laiton sans plomb, bronze, maillechort. Réduit le collage. Alternative aux revêtements DLC pour certains domaines d'applications

- spezifische Sorte, für Nichteisenmetalle wie Kupfer, Messing, bleifreies Messing, Bronze, Neusilber. Verringerung des Klebens. Alternative zu DLC-Beschichtungen in gewissen Einsatzbereichen

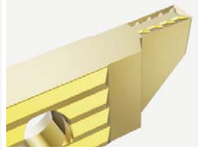
- specific grade for non-ferrous materials such as copper, brass, lead-free brass, bronze and nickel silver. Reduce sticking. Alternative to DLC coatings for certain applications

Zurück zum Kapitelanfang

TOP-Line
Nuances
Sorten
Grades
K10

µK10

HTiN



K10

µK10 + revêtement PVD
µK10 + PVD Beschichtung
µK10 + PVD coating

TF F **M** E

P ★★★★☆
M ★★★★☆
N ★★★☆☆
S ☆☆☆☆☆

- nuance pour l'usinage en finition des matières peu résistantes qui créent des arêtes rapportées
- très faible coefficient de frottement
- à éviter pour l'usinage du titane

- Sorte für die Feinbearbeitung von weichen Werkstoffen mit Tendenz zur Bildung von Aufbauschneiden
- sehr geringer Reibwert
- für die Bearbeitung von Titan nicht geeignet

- grade for light machining of low resistance materials which causes edge build-up
- very low friction ratio
- not suitable for titanium machining

µK10

HAC



K10

µK10 + revêtement PVD
µK10 + PVD Beschichtung
µK10 + PVD coating

TF F **M** E

P ☆☆☆☆☆
M ☆☆☆☆☆
N ★★★★★
S ★★★★★

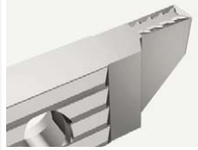
- nuance pour métaux non ferreux
- très faible coefficient de frottement
- 1er choix pour l'usinage des aluminiums jusqu'à 5% Si, des cuivres et titanes faiblement alliés

- Sorte für Nichteisenmetalle
- sehr geringer Reibwert
- erste Wahl von Aluminium bis 5% Si, Kupfer und niedrigleigiertem Titan

- grade non-ferrous materials
- very low fiction ration
- first choice for aluminium up to 5% Si, copper and low alloyed titanium

µK10

HN



K10

Non revêtu
Unbeschichtet
Uncoated

P ★☆☆☆☆
M ★☆☆☆☆
N ★★★☆☆
S ★★★☆☆

- nuance micro-grain très résistante à l'usure
- recommandé pour l'usinage du titane faiblement allié
- déconseillé en cas de coupe interrompue

- verschleissfeste Feinkornsorte
- für die Bearbeitung von niedrig legiertem Titan empfehlenswert
- für unterbrochene Schnitte nicht geeignet

- wear resistant micro-grain grade
- suitable for the machining of low alloyed titanium
- not suitable for interrupted cut

Matière Werkstoff Material		Tournage Drehen Turning			Tronçonnage Abstechen Parting off		
		VC	Prof. depasse Schnitttiefe Depth of cut	Avance Vorschub Feed	VC	Largeur decoupe Abstechbreite Cuttingwidth	Avance Vorschub Feed
		(m/min)	(mm)	(mm/U)	(m/min)	(mm)	(mm/U)
Acier de décolletage Automatenstahl Free-cutting steel	P	120 - 200	0.05 - 1.0 1.0 - 4.0	0.01 - 0.15 0.05 - 0.25	80 - 150	0.50 - 1.50 1.50 - 3.50	0.01 - 0.08 0.03 - 0.15
Acier Stahl Steel <600 N/mm²	P	80 - 160	0.05 - 1.0 1.0 - 4.0	0.01 - 0.15 0.05 - 0.25	70 - 120	0.50 - 1.50 1.50 - 3.50	0.01 - 0.06 0.03 - 0.12
Acier Stahl Steel <800 N/mm²	P	60 - 120	0.05 - 1.0 1.0 - 4.0	0.01 - 0.10 0.05 - 0.20	60 - 100	0.50 - 1.50 1.50 - 3.50	0.01 - 0.05 0.03 - 0.10
Acier Stahl Steel >800 N/mm²	P	50 - 100	0.05 - 1.0 1.0 - 3.0	0.01 - 0.08 0.05 - 0.15	40 - 80	0.50 - 1.50 1.50 - 3.50	0.01 - 0.04 0.03 - 0.08
Acier inoxydable Rostfreistahl Stainless steel	M	60 - 120	0.05 - 1.0 1.0 - 3.0	0.01 - 0.08 0.05 - 0.15	60 - 100	0.50 - 1.50 1.50 - 3.50	0.01 - 0.04 0.03 - 0.08
Aluminium Si<12%	N	200 - 1000	0.05 - 1.0 1.0 - 4.0	0.01 - 0.20 0.05 - 0.40	180 - 400	0.50 - 1.50 1.50 - 3.50	0.01 - 0.10 0.03 - 0.20
Aluminium Si>12%	N	180 - 800	0.05 - 1.0 1.0 - 4.0	0.01 - 0.20 0.05 - 0.40	150 - 300	0.50 - 1.50 1.50 - 3.50	0.01 - 0.10 0.03 - 0.20
Cuivre, laiton, bronze Kupfer, Messing, Bronze Copper, brass, bronze	N	100 - 500	0.05 - 1.0 1.0 - 4.0	0.01 - 0.20 0.05 - 0.35	100 - 300	0.50 - 1.50 1.50 - 3.50	0.01 - 0.10 0.03 - 0.20
Titane Titan Titanium	S	30 - 70	0.05 - 1.0 1.0 - 4.0	0.01 - 0.08 0.05 - 0.15	30 - 50	0.50 - 1.50 1.50 - 3.50	0.01 - 0.03 0.03 - 0.06

Zurück zum Kapitelanfang

Ébauche Schruppen Roughing	Finition Schlichten Finishing
• vitesse de coupe moyenne • avance élevée	• vitesse de coupe élevée • avance faible
• durchschnittliche Schnittgeschwindigkeit • hoher Vorschub	• hohe Schnittgeschwindigkeit • niedriger Vorschub
• average cutting speed • high feed rate	• high cutting speed • low cutting feed

Remarques importantes
Wichtige Bemerkungen
Important remarks

- en raison des limites de la machine, il n'est souvent pas possible d'atteindre les vitesses de coupe préconisées
- les outils Applitec sont spécialement développés pour permettre de hautes performances, même dans des conditions de coupe défavorables
- des applications non préconisées dans le tableau ci-contre peuvent également s'avérer efficaces

- wegen begrenzter Maschinenleistung ist es oft nicht möglich, die vorgeschlagenen Schnittgeschwindigkeiten zu erreichen
- Applitec Werkzeuge sind besonders dazu entwickelt, um sogar bei ungünstigen Schnittdaten leistungsfähig zu sein
- die in der nebenstehender Tabelle nicht erwähnten Anwendungsfälle können sich auch effizient erweisen

- due to the limitations of the machine, it is often not possible to achieve the recommended cutting speeds
- Applitec tools are specially developed to deliver high performance, even in unfavorable cutting conditions
- applications not mentioned in the opposite table can also be efficient

PCD/ PKD

PCD/ PKD



Diamant polycristallin
Polykristalliner Diamant
Polycrystalline diamond

P ☆☆☆☆☆
M ☆☆☆☆☆
N ★★★★★
S ★★★★★

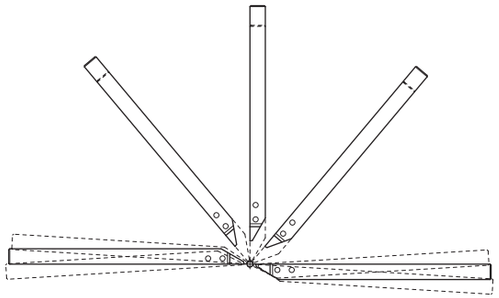
- le PCD est principalement utilisé pour l'usinage de matériaux non ferreux très abrasifs
- il offre une haute dureté, une faible friction et une excellente conductivité thermique, des caractéristiques qui permettent d'atteindre des vitesses de coupe élevées et d'augmenter la durée de vie des outils

- PKD wird hauptsächlich für die Zerspanung hochabrasiver, nicht eisenhaltiger Werkstoffe verwendet
- er zeichnet sich durch hohe Härte, geringe Reibung und exzellente Wärmeleitfähigkeit aus – Eigenschaften, die hohe Schnittgeschwindigkeiten ermöglichen und die Standzeit der Werkzeuge erhöhen

- PCD is primarily used for machining highly abrasive non-ferrous materials
- it features high hardness, low friction, and excellent thermal conductivity - characteristics that enable high cutting speeds and extend tool life

Matière Werkstoff Material		Tournage et tronçonnage Drehen und Abstechen Turning and parting off		
		VC	Prof. de passe Schnitttiefe Depth of cut	Avance Vorschub Feed
		(m/min)	(mm)	(mm/U)
Aluminium Si <12%	N	250 - 350	0.05 - 1.0 1.0 - 4.0	0.04 - 0.07 0.05 - 0.10
Aluminium Si >12%	N	180 - 250	0.05 - 1.0 1.0 - 4.0	0.10 - 0.25 0.12 - 0.36
Cuivre, laiton, bronze Kupfer, Messing, Bronze Copper, brass, bronze	N	350 - 450	0.05 - 1.0 1.0 - 4.0	0.04 - 0.08 0.05 - 0.11
Alliage de cuivre sans plomb (ECOBRASS) Kupferlegierung ohne Blei (ECOBRASS) Lead-free copper alloy (ECOBRASS)	N	320 - 420	0.05 - 1.0 1.0 - 4.0	0.03 - 0.07 0.04 - 0.09
Plastique renforcé de fibres de verre, graphite Glasfaserverstärkter Kunststoff, Graphit Glass fiber reinforced plastic, graphite	N	450 - 600	0.05 - 1.0 1.0 - 4.0	0.04 - 0.08 0.05 - 0.11
Thermoplastique renforcé de fibres de carbone, téflon Kohlenstofffaserverstärkter Thermoplast, Teflon Carbon fiber reinforced thermoplastic, Teflon	N	450 - 600	0.05 - 1.0 1.0 - 4.0	0.04 - 0.08 0.05 - 0.11
Or, argent et platine Gold, Silber und Platin Gold, silver and platinum	N	320 - 370	0.05 - 1.0 1.0 - 4.0	0.03 - 0.06 0.04 - 0.07

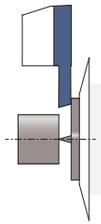
L		R	
Type	Page	Type	Page
710	1.24	720	1.24
710-NOVIBRA	1.25	721	1.26
711	1.26	721-EP	1.33
711-EP	1.33	722	1.27
712	1.27	723-30	1.28
713-30	1.28	723-45	1.29
713-45	1.29	723-60	1.30
713-60	1.30	724	1.31
714	1.31	726	1.32
716	1.32		



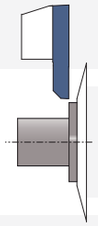
Porte-outils et plaquettes pour machines à cames
Halter und WSPfür kurvengesteuerte Maschinen
Tool holders and inserts for cam driven machines

Zurück zum Kapitelanfang

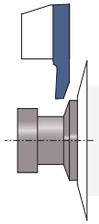
710 / 720
Porte-outils
Halter
Holders
>1.24



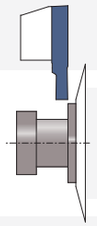
711 / 721
Tronçonnage
Abstechen
Parting off
>1.26



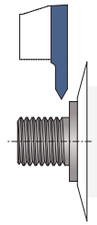
712 / 722
Tournage avant
Vorwärts drehen
Front turning
>1.27



713 / 723
Tournage arrière
Rückwärts drehen
Back turning
>1.28

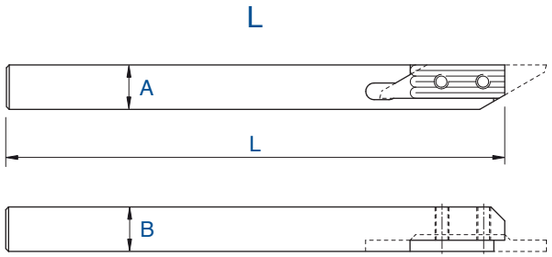


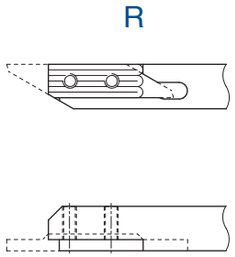
714 / 724
Fonçage-tournage
Einstechen und drehen
Grooving and turning
>1.31



716 / 726
Filetage
Gewinde drehen
Threading
>1.32

Plaquettes ébauches
WSP-Rohlinge
Blank inserts
>1.33



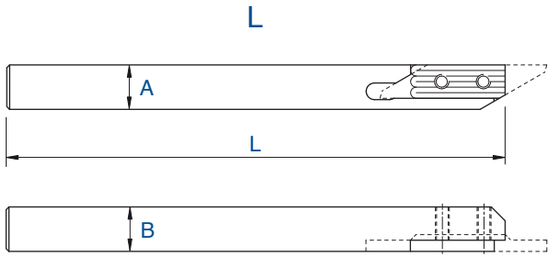


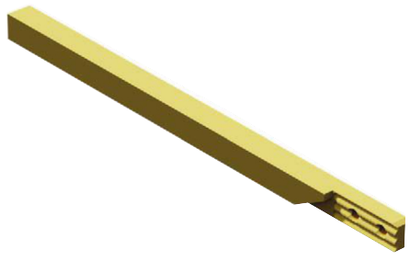


A x B	L	Serrage Spannsystem Clamping	L Art. N°	R Art. N°
6 x 6	115	A	710-6	-
7 x 7	115	A	710-7	720-7
8 x 8	115	A	710-8	720-8
8 x 8	140	A	710-8-140	-
10 x 10	115	A	710-10	720-10
12 x 12	130	A	710-12	720-12

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

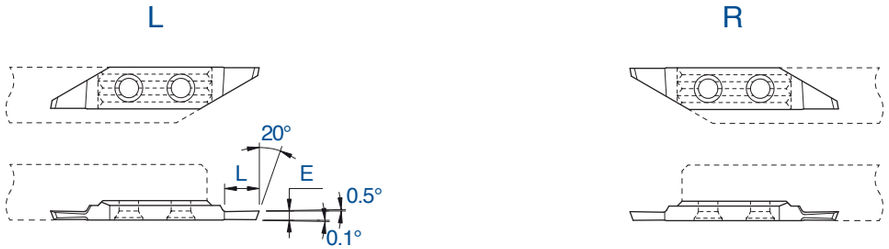
Zurück zum Kapitelanfang





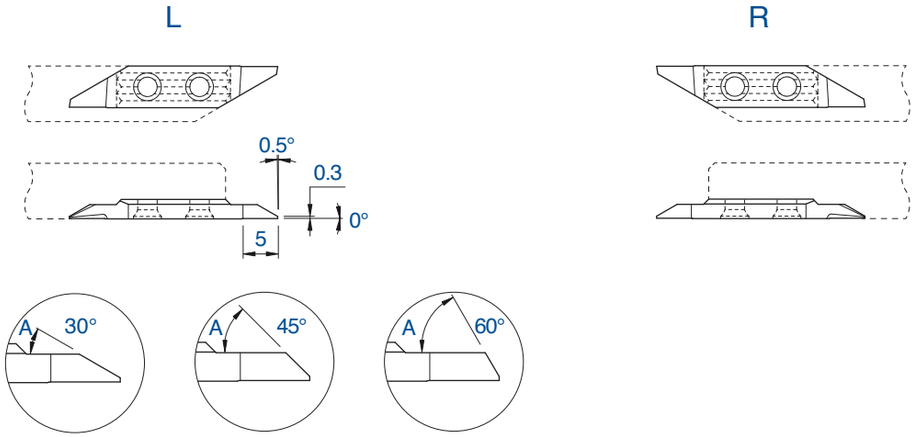
A x B	L	Serrage Spannsystem Clamping	L Art. N°
6 x 6	115	A	710-6-NOVIBRA
7 x 7	115	A	710-7-NOVIBRA
8 x 8	115	A	710-8-NOVIBRA

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.



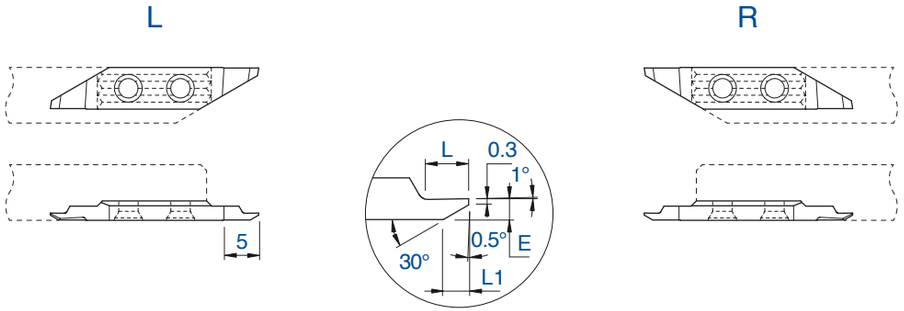


L									R					
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.5	2	711-0.5	●	●	●	●		●	-						
0.8	3	711-0.8	●	●	●	●	●	●	721-0.8	●	●	●			
0.9	3	711-0.9	●	●	●	●	●	●	-						
1.0	4	711-1.0	●	●	●	●	●	●	721-1.0	●	●	●	●		●
1.1	4	711-1.1	●	●	●	●	●	●	-						
1.2	5	711-1.2	●	●	●	●	●	●	721-1.2	●	●	●	●		●
1.3	5	711-1.3	●	●	●	●	●	●	-						
1.4	5	711-1.4	●	●	●				-						
1.5	6.5	711-1.5	●	●	●	●	●	●	721-1.5	●	●	●	●		●
1.8	6.5	711-1.8	●	●	●	●		●	721-1.8	●	●	●			
2.0	6.5	711-2.0	●	●	●				721-2.0	●	●	●			



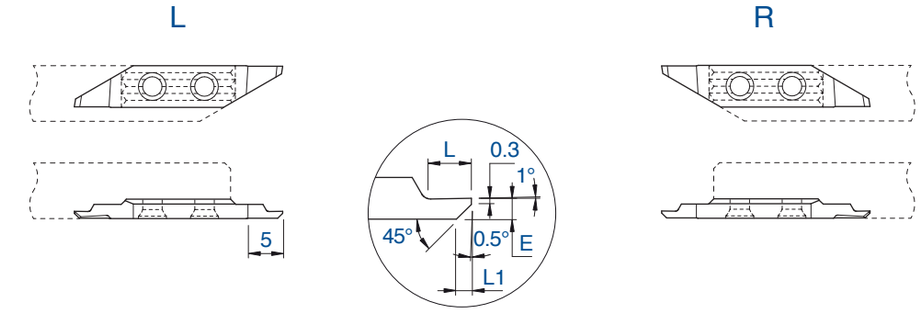


L						R					
A	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
30°	712-30	●	●	●	●		●	722-30	●	●	●	●		●
45°	712-45	●	●	●	●	●	●	722-45	●	●	●	●		●
60°	712-60	●	●	●	●		●	722-60	●	●	●	●		●



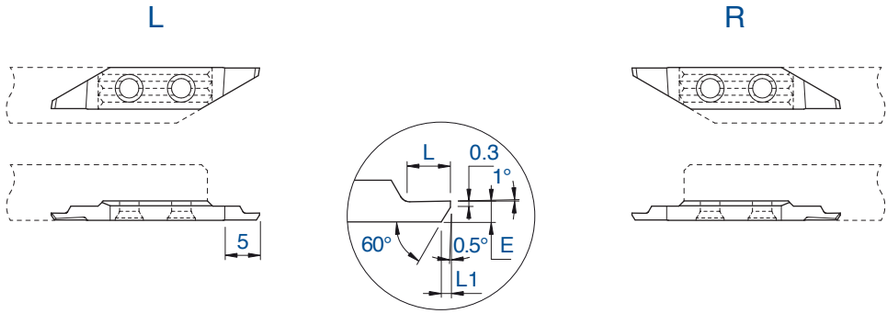


			L						R					
E	L	L1	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.8	1.6	0.85	713-30-0.8	●	●	●				723-30-0.8	●	●	●	●		●
0.9	1.6	1.05	713-30-0.9	●	●	●				-						
1.0	2.0	1.2	713-30-1.0	●	●	●	●	●	●	723-30-1.0	●	●	●	●		●
1.1	2.0	1.4	713-30-1.1	●	●	●				-						
1.2	2.5	1.55	713-30-1.2	●	●	●				723-30-1.2	●	●	●			
1.3	2.5	1.7	713-30-1.3	●	●	●				-						
1.4	3.0	1.9	713-30-1.4	●	●	●				-						
1.5	3.0	2.1	713-30-1.5	●	●	●	●	●	●	723-30-1.5	●	●	●			
1.8	4.0	2.6	713-30-1.8	●	●	●				723-30-1.8	●	●	●			
2.0	4.0	2.9	713-30-2.0	●	●	●	●	●	●	723-30-2.0	●	●	●			



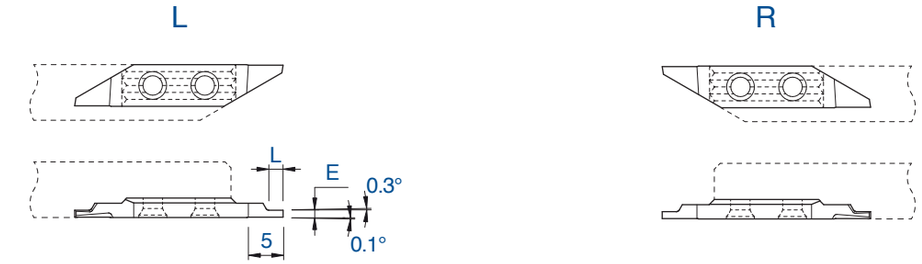


			L						R					
E	L	L1	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.8	1.6	0.5	713-45-0.8	●	●	●	●		●	723-45-0.8	●	●	●			
0.9	1.6	0.6	713-45-0.9	●	●	●				-						
1.0	2.0	0.7	713-45-1.0	●	●	●	●		●	723-45-1.0	●		●			
1.1	2.0	0.8	713-45-1.1	●	●	●				-						
1.2	2.5	0.9	713-45-1.2	●	●	●				723-45-1.2	●	●	●			
1.3	2.5	1.0	713-45-1.3	●	●	●				-						
1.4	3.0	1.1	713-45-1.4	●	●	●				-						
1.5	3.0	1.2	713-45-1.5	●	●	●	●	●	●	723-45-1.5	●	●	●			
1.8	4.0	1.5	713-45-1.8	●	●	●				723-45-1.8	●		●			
2.0	4.0	1.7	713-45-2.0	●	●	●				723-45-2.0	●	●	●			



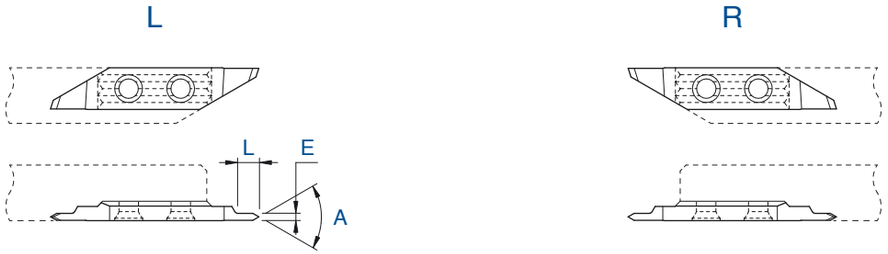


			L						R			
E	L	L1	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
0.8	1.6	0.3	713-60-0.8	●	●	●	723-60-0.8	●	●	●
0.9	1.6	0.35	713-60-0.9	●	●	●	-			
1.0	2.0	0.4	713-60-1.0	●	●	●	723-60-1.0	●		●
1.1	2.0	0.45	713-60-1.1	●	●	●	-			
1.2	2.5	0.5	713-60-1.2	●	●	●	723-60-1.2	●		●
1.3	2.5	0.6	713-60-1.3	●	●	●	-			
1.4	3.0	0.65	713-60-1.4	●	●	●	-			
1.5	3.0	0.7	713-60-1.5	●	●	●	723-60-1.5	●	●	●
1.8	4.0	0.9	713-60-1.8	●	●	●	723-60-1.8	●		●
2.0	4.0	1.0	713-60-2.0	●	●	●	723-60-2.0	●	●	●



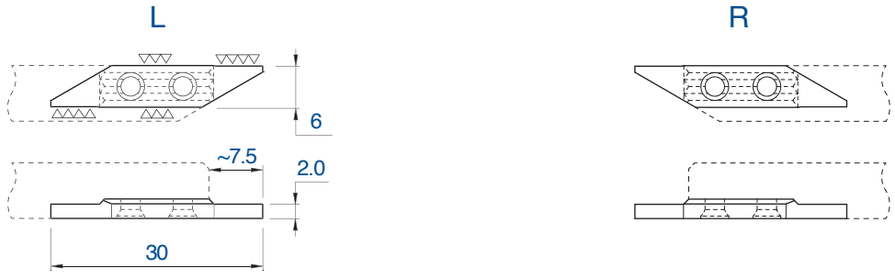


		L							R					
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.5	1.0	714-0.5	●	●	●				724-0.5	●	●	●	●		●
0.6	1.0	714-0.6	●	●	●				724-0.6	●	●	●			
0.7	1.5	714-0.7	●	●	●				724-0.7	●	●	●			
0.8	1.5	714-0.8	●	●	●	●	●	●	724-0.8	●	●	●			
0.9	2.0	714-0.9	●	●	●				724-0.9	●		●			
1.0	2.0	714-1.0	●	●	●	●	●	●	724-1.0	●	●	●			
1.1	2.0	714-1.1	●	●	●				724-1.1	●		●			
1.2	2.5	714-1.2	●	●	●				724-1.2	●		●			
1.3	2.5	714-1.3	●	●	●				724-1.3	●	●	●			
1.4	3.0	714-1.4	●	●	●				724-1.4	●		●			
1.5	3.0	714-1.5	●	●	●	●	●	●	724-1.5	●	●	●			





			L				R		
A	E	L	Art. N°	TiAlN	TiN	N (µK20)	Art. N°	TiAlN	TiN	N (µK20)
60°	1.0	3	716-60-1.0	●	●	●	726-60-1.0	●	●	●
60°	1.5	4	716-60-1.5	●	●	●	726-60-1.5	●	●	●
55°	1.0	3	716-55-1.0	●	●	●	726-55-1.0	●		●
55°	1.5	4	716-55-1.5	●	●	●	726-55-1.5	●		●





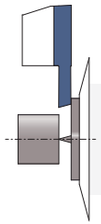
	L					R					
Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)
711-EP	●	●	●	●	●	●	721-EP	●		●	●		●

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TOP-Line
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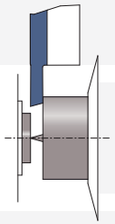
L		
Type		Page
730	730	1.36
	730-JET	1.37
	730-NOVIBRA	1.40
	730RC	1.39
731	731	1.43
	731-E	1.88
	731-EP	1.89
	731N	1.49/1.57
	731R	1.51
	731R-PCD	1.58
	731RU	1.56
	731RX12	1.54
	731RX25	1.55
	731RX4	1.52
	731RXF	1.53
	731U	1.48
	731X12	1.46
	731X25	1.47
	731X4	1.44
	731XF	1.45
732	732	1.59
	732PX	1.60
	732X	1.61
733	733	1.65
	733P	1.73
	733VX-15°	1.70
	733VX-8°	1.68
	733VX-805	1.69
	733X	1.66
	733ZX	1.72
734	734	1.75
	734VS	1.76
	734X	1.77
	734ZX	1.78
735	735	1.82
	735X-90	1.83
736	736	1.84
	736-A60°	1.85
	736-M	1.86
737	737	1.87

R		
Type		Page
740	740	1.36
	740-C	1.38
	740-D-JET	1.42
	740-JET	1.37
	740-NOVIBRA	1.40
	740/730-D	1.41
741	741	1.43
	741-E	1.88
	741-EP	1.89
	741-PCD	1.50
	741L	1.51
	741LX12	1.54
	741LX25	1.55
	741LX4	1.52
	741LXF	1.53
	741N	1.49/1.57
	741U	1.48
	741X12	1.46
	741X25	1.47
	741X4	1.44
	741XF	1.45
742	742	1.59
	742-PCD	1.64
	742PX	1.60
	742VUX	1.62
	742X	1.61
	742ZF-X	1.63
743	743	1.65
	743-PCD	1.74
	743P	1.73
	743VX-15°	1.70
	743VX-8°	1.68
	743VX-805	1.69
	743VUX	1.71
	743VUX8	1.67
	743X	1.66
	743ZX	1.72
744	744	1.75
	744-PCD	1.81
	744VS	1.76
	744X	1.77
	744ZF-X	1.80
	744ZX	1.78
	744ZXT	1.79
745	745	1.82
	745X-90	1.83
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	746-A60°	1.85
	746-M	1.86
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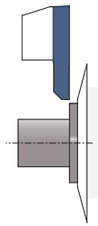
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Porte-outils
Halter
Holders
>1.36



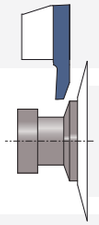
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Tronçonnage
Abstechen
Parting off
>1.43



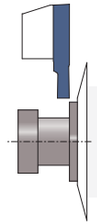
741L/ 731R
Tronçonnage - coupe déportée
Abstechen - versetztes Schneiden
Parting off - cut off line
>1.51



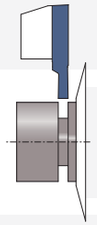
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Tournage avant
Vorwärts drehen
Front turning
>1.59



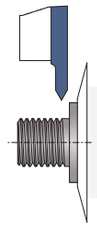
733 / 743
Tournage arrière
Rückwärts drehen
Back turning
>1.65



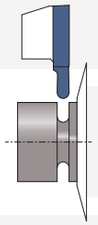
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Fonçage-tournage
Einstechen und drehen
Grooving and turning
>1.75



735 / 745
Gorges
Einstechen
Grooving
>1.82

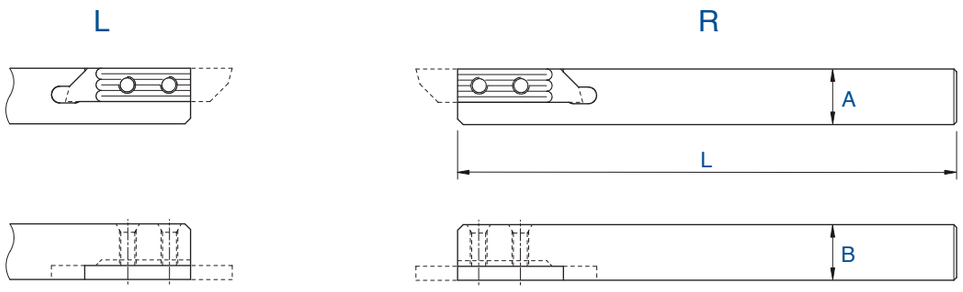


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Filetage
Gewinde drehen
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Radius Wendeplatten
Radius inserts
>1.87

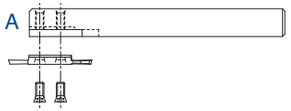
Plaquettes ébauches
WSP-Rohlinge
Blank inserts
>1.88



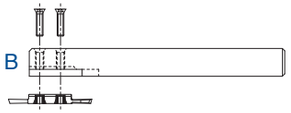


A x B	L	Serrage Spannsystem Clamping	L	R
			Art. N°	Art. N°
7 x 7	115	A	730-7	740-7
8 x 8	115	A + B	730-8	740-8
8 x 8	140	A + B	730-8-140	-
9.52 x 9.52	115	A + B	730-9.52	740-9.52
10 x 10	115	A + B	730-10	740-10
10 x 10	50	A + B	730-10-50	740-10-50
12 x 12	130	A + B	730-12	740-12
12 x 12	90	A + B	730-12-90	740-12-90
12.7 x 12.7	130	A + B	730-12.7	740-12.7
16 x 16	130	A + B	730-16	740-16
16 x 16	75	A + B	730-16-75	740-16-75
20 x 20	120	A + B	730-20	740-20

Serrage standard A
Standard Spannsystem A
Standard clamping system A

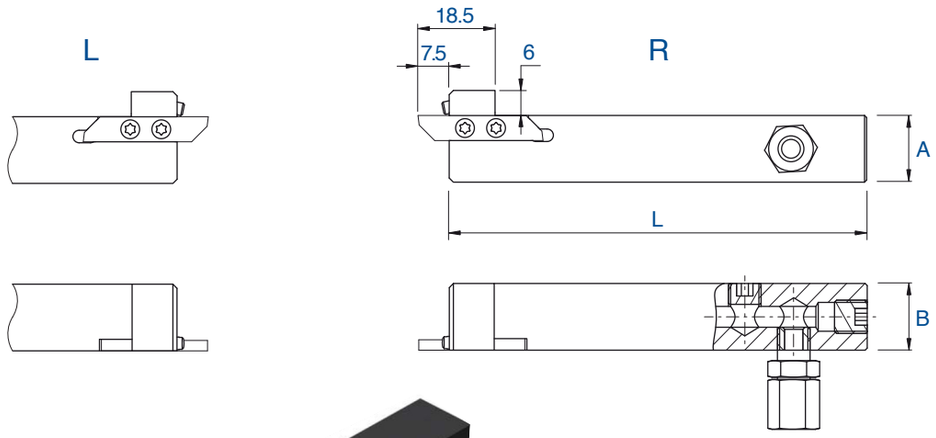


Serrage B
Spannsystem B
Clamping system B



Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Zurück zum Kapitelanfang

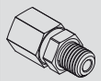




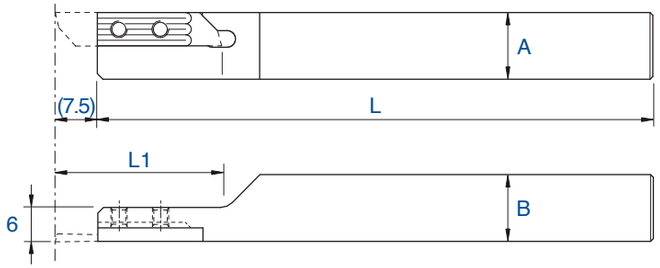
A x B	L	Serrage Spannsystem Clamping	L	R
			Art. N°	Art. N°
8 x 10	100	A + B	-	740-0810-JET
10 x 12	100	A + B	730-1012-JET	740-1012-JET
10 x 12	80	A + B	-	740-1012-80-JET
12 x 12	100	A + B	730-12-JET	740-12-JET
12.7 x 12.7	100	A + B	730-12.7-JET	740-12.7-JET
16 x 16	100	A + B	730-16-JET	740-16-JET
20 x 20	100	A + B	730-20-JET	740-20-JET

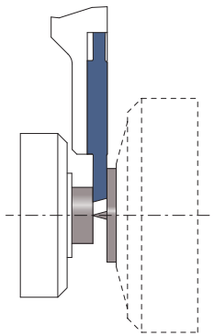


Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Pièces de rechange Ersatzteile Spare parts			Buses Düsen Nozzles 	Option 
	Art. N°	Art. N°	Art. N°	Art. N°
740-0810-JET	J-M5-D5	JB-M5	–	JC-M5-D5
730-JET / 740-JET	J-M8X1-D6	JB-M8X1	JJ-M3X6-D1.5	–
				More option see JET-Line

R





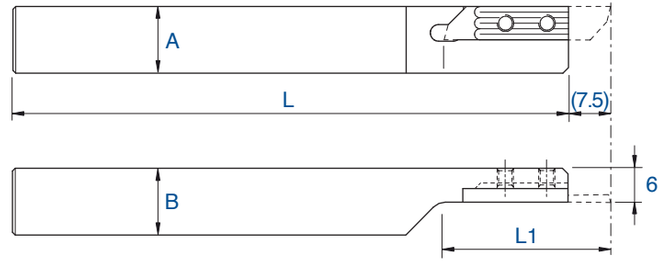
A x B	L	L1	Serrage Spannsystem Clamping	Art. N°
8 x 8	115	24	A	740-C-8
10 x 10	115	24	A	740-C-10
12 x 12	130	30	A	740-C-12
12.7 x 12.7	130	30	A	740-C-12.7
16 x 16	130	40	A	740-C-16

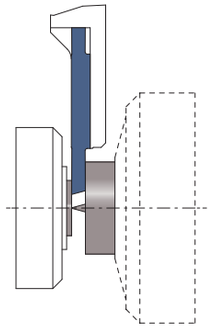
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
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Zurück zum Kapitelanfang

Utiliser des plaquettes type 731R
WSP Typ 731R verwenden
Use inserts type 731R

Voir pages 1.51 - 1.58
Siehe Seiten 1.51 - 1.58
See pages 1.51 - 1.58

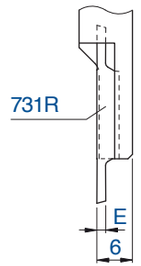




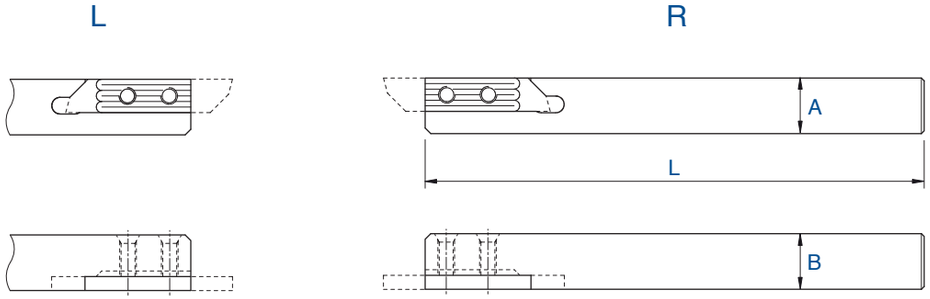
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

A x B	L	L1	Art. N°
8 x 8	115	24	730RC-8
10 x 10	115	24	730RC-10
12 x 12	130	30	730RC-12
12.7 x 12.7	130	30	730RC-12.7
16 x 16	130	40	730RC-16



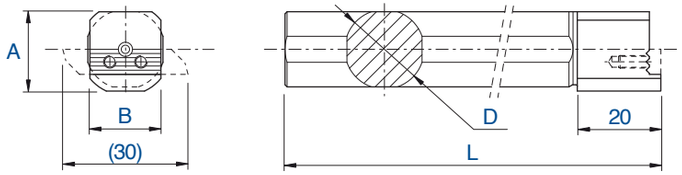
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

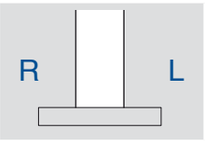




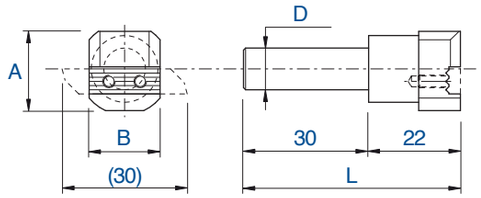
A x B	L	Serrage Spannsystem Clamping	L	R
			Art. N°	Art. N°
7 x 7	115	A	730-7-NOVIBRA	740-7-NOVIBRA
8 x 8	115	A + B	730-8-NOVIBRA	740-8-NOVIBRA
8 x 8	80	A + B	-	740-8-80-NOVIBRA
10 x 10	115	A + B	-	740-10-NOVIBRA
12 x 12	130	A + B	-	740-12-NOVIBRA

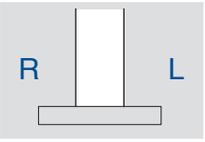
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.





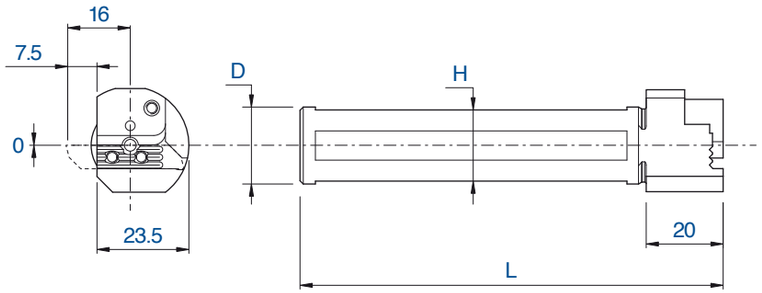
A x B	L	D	Art. N°
19 x 17	160	16	740/730-D16
19 x 17	160	19.05	740/730-D19.05
19 x 17	110	19.05	740/730-D19.05-S
19.5 x 17	160	20	740/730-D20
20 x 17	110	22	740/730-D22
22 x 17	200	25	740/730-D25
22 x 17	200	25.4	740/730-D25.4

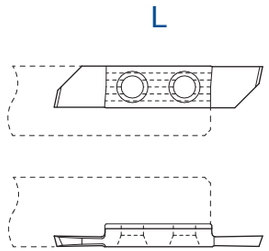


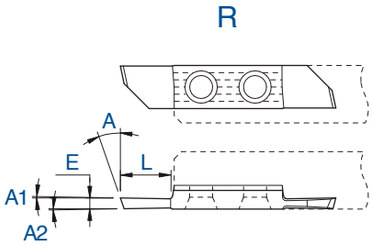


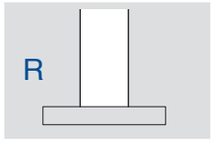
A x B	L	D	Art. N°
19 x 17	52	10	740/730-D10

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
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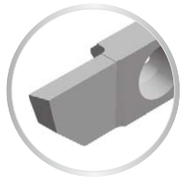








D	H	L	Art. N°
16	15	160	740-D16-160-JET
19.05	18	160	740-D19.05-160-JET
19.05	18	110	740-D19.05-110-JET
20	19	110	740-D20-110-JET
22	20	110	740-D22-110-JET
25	24	200	740-D25-200-JET
25.4	24	200	740-D25.4-200-JET

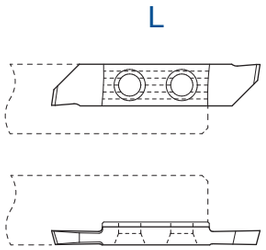


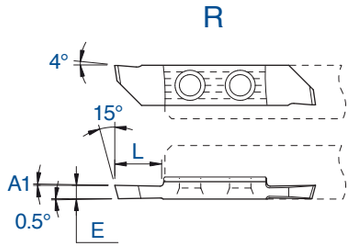
					L							R								
						P M N S	P M N	P	P M N S	P M N	P N S		P M N S	P M N S	P M N S	P M N S	P M N S	P M N	P N S	P M N S	P M N S
E	A	A1	A2	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
0.6	18°	2.5°	0.5°	3	731-0.6	●		●	●		●	741-0.6	●	●		●	●		●		
0.8	20°	0.3°	0.3°	5	731-0.8	●	●	●	●		●	741-0.8	●	●	●	●	●	●	●		
1.0	20°	0.3°	0.3°	5	731-1.0	●	●	●	●	●	●	741-1.0	●	●	●	●	●	●	●	●	●
1.2	20°	0.3°	0.3°	5	731-1.2	●	●	●	●		●	741-1.2	●	●	●	●	●	●	●		
1.5	20°	0.3°	0.3°	7	731-1.5	●	●	●	●	●	●	741-1.5	●	●	●	●	●	●	●	●	●
1.8	20°	0.3°	0.3°	7	731-1.8	●	●	●	●		●	741-1.8	●	●	●	●	●		●		
2.0	20°	0.3°	0.3°	7	731-2.0	●	●	●	●		●	741-2.0	●	●	●	●	●	●	●	●	●
2.5	20°	0.3°	0.3°	7	731-2.5	●	●	●				741-2.5		●	●	●	●		●		●

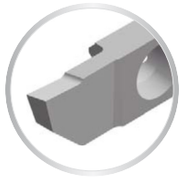
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

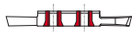






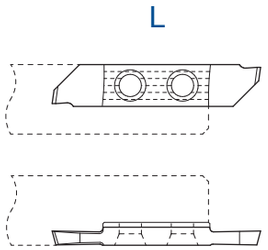
L											R									
E	A1	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)		Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
0.6	2.5°	3	731X4-0.6	●		●	●		●		741X4-0.6	●	●		●	●		●		
0.8	0.5°	4	-								741X4-0.8					●		●		
1.0	0.5°	5	731X4-1.0	●	●	●					741X4-1.0	●	●	●	●	●		●	●	●
1.5	0.5°	7	731X4-1.5	●	●	●	●		●		741X4-1.5	●	●	●	●	●		●	●	●
2.0	0.5°	7	731X4-2.0	●	●	●					741X4-2.0	●	●	●	●					

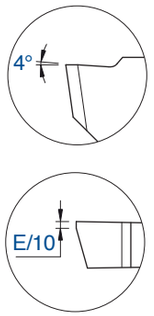
7XX-XX-B

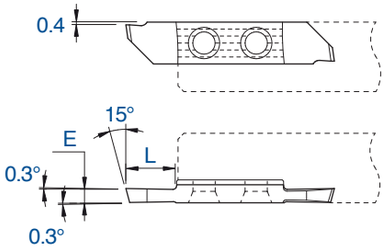


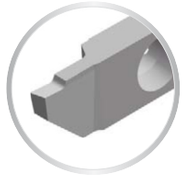
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang









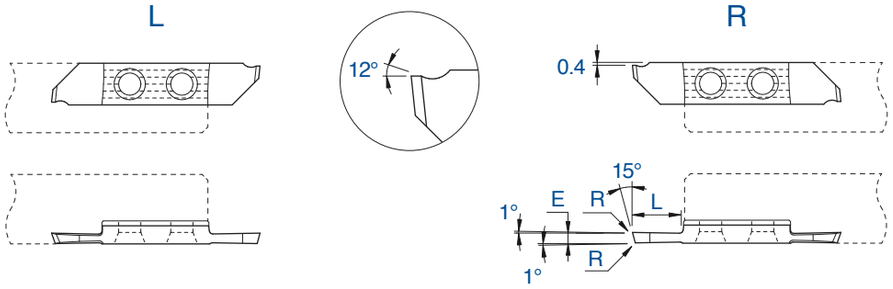
L							R								
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)		Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
1.2	5	-								741XF-1.2	●		●					
1.5	7	731XF-1.5	●	●	●	●	●	●		741XF-1.5	●	●	●	●	●	●	●	●
2.0	7	731XF-2.0	●	●	●					741XF-2.0	●	●	●	●	●	●	●	●
2.5	7	731XF-2.5	●	●	●					741XF-2.5	●	●	●					

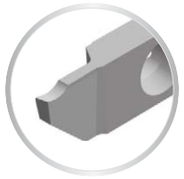
7XX-XX-B



Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Tronçonnage
Abstechen
Parting off

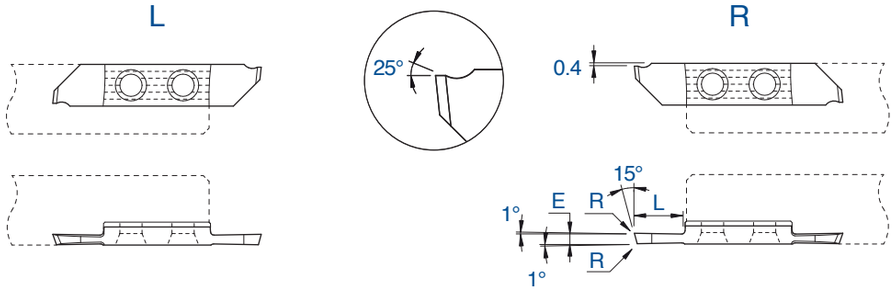


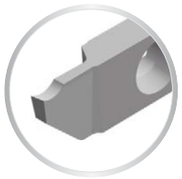


			L							R								
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
0.5	3	0.03	-							741X12-0.5					●		●		
1.0	5	0.03	731X12-1.0	●	●	●				741X12-1.0	●	●	●	●	●		●	●	●
1.5	7	0.03	731X12-1.5	●	●	●				741X12-1.5	●	●	●	●	●	●	●	●	●
2.0	7	0.03	731X12-2.0	●	●	●				741X12-2.0	●	●	●	●	●		●		

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

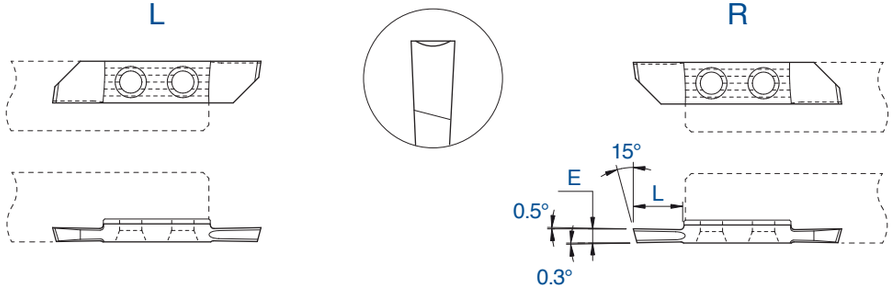


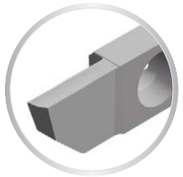


		L							R								
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	5	731X25-1.0	●	●	●				741X25-1.0	●		●	●	●		●
1.5	7	731X25-1.5	●	●	●				741X25-1.5	●		●	●	●		●
2.0	7	731X25-2.0	●	●	●				741X25-2.0	●	●	●	●	●		●

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

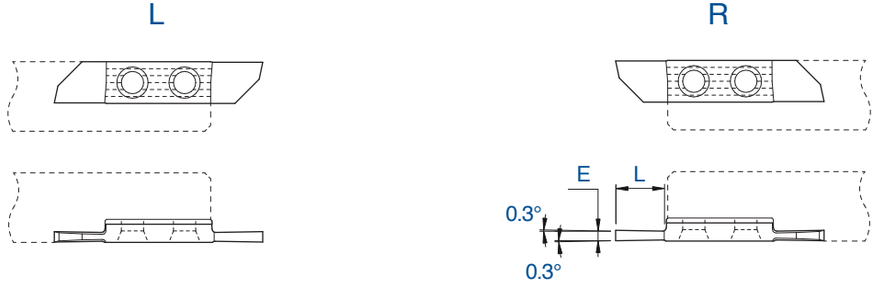




E	L	Art. N°	L: TiAlN	L: TiN	L: N (µk20)	L: HTA	L: HTiN	L: HN (µk10)	Art. N°	R: TiAlN	R: TiN	R: N (µk20)	R: HTA	R: HTiN	R: HN (µk10)
1.5	7	731U-1.5	●	●	●	●		●	741U-1.5	●	●	●	●	●	●
2.0	7	731U-2.0	●	●	●	●		●	741U-2.0	●	●	●	●		●

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





E	L	Art. N°	L: TiAlN	L: TiN	L: N (µk20)	L: HTA	L: HTiN	L: HN (µk10)	Art. N°	R: TiAlN	R: TiN	R: N (µk20)	R: HTA	R: HTiN	R: HN (µk10)
1.0	5	731N-1.0	●	●	●	●		●	741N-1.0	●	●	●	●		●
1.5	7	731N-1.5	●	●	●	●		●	741N-1.5	●	●	●	●		●

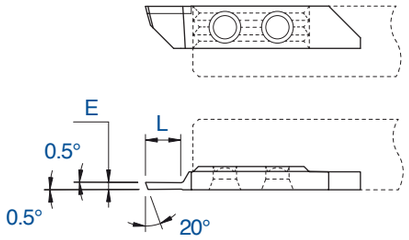
7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Tronçonnage
Abstechen
Parting off

Coupe déportée
Versetztes Schneiden
Cut off line

R

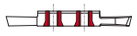




E	L	Art. N°	R PCD
0.8	5	741-0.8	●
1.0	5	741-1.0	●
1.2	5	741-1.2	●
1.5	7	741-1.5	●
1.8	7	741-1.8	●
2.0	7	741-2.0	●
2.5	7	741-2.5	●

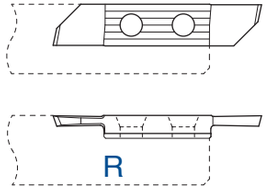
Uniquement 1 arête de coupe
Nur 1 Schneidekante
Only 1 cutting edge

7XX-XX-B

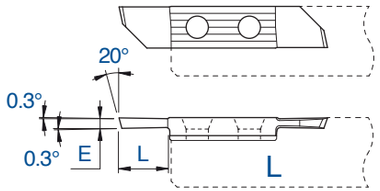


Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Cut L



Cut R





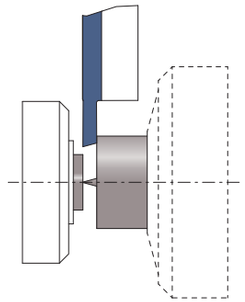
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

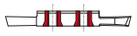
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)	KST	KN (µK10-20)
1.0	5	741L-1.0	●	●	●	●		●	731R-1.0	●	●	●	●	●	●	●	●
1.2	5	741L-1.2	●	●	●	●		●	731R-1.2	●	●	●	●	●	●		
1.5	7	741L-1.5	●	●	●	●	●	●	731R-1.5	●	●	●	●	●	●	●	●
2.0	7	741L-2.0	●	●	●	●		●	731R-2.0	●	●	●	●		●	●	●
2.5	7	741L-2.5	●	●	●				731R-2.5	●	●	●					

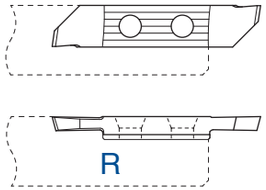


7XX-XX-B

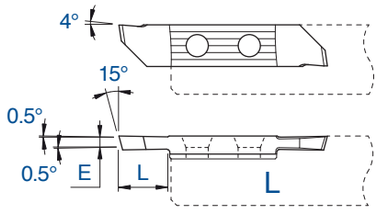


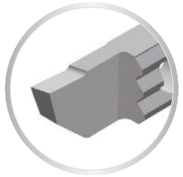
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Cut L



Cut R





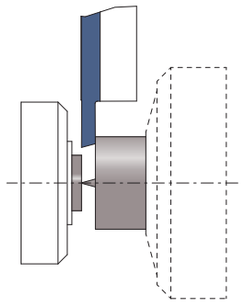
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
			P M N S	P M N	P S	P M N S	P M N	P N S		P M N S	P M N	P S	P M N S	P M N	P N S
1.5	5	741LX4-1.5	●	●	●				731RX4-1.5	●	●	●	●	●	●

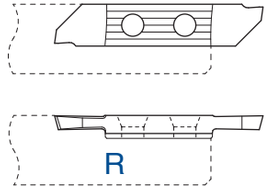


7XX-XX-B

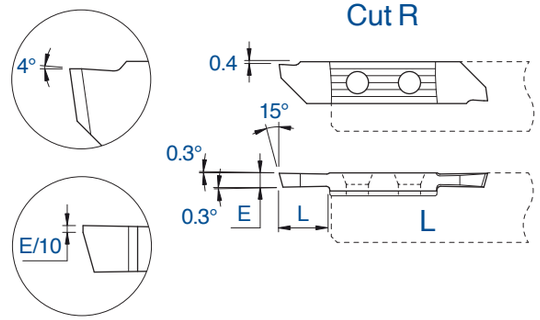
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

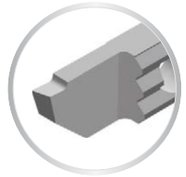
Zurück zum Kapitelanfang

Cut L



Cut R





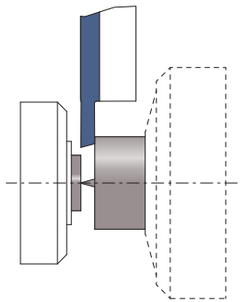
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
			P M N S	P M N	P S	P M N S	P M N	P N S		P M N S	P M N	P S	P M N S	P M N	P N S
1.5	7	741LXF-1.5	●	●	●				731RXF-1.5	●	●	●	●	●	●
2.0	7	741LXF-2.0	●	●	●				731RXF-2.0	●	●	●	●		●
2.5	7	741LXF-2.5	●	●	●				731RXF-2.5	●	●	●			

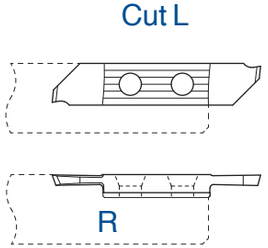


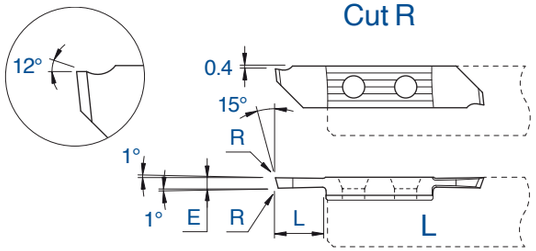
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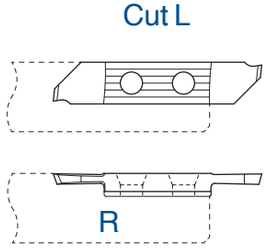
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

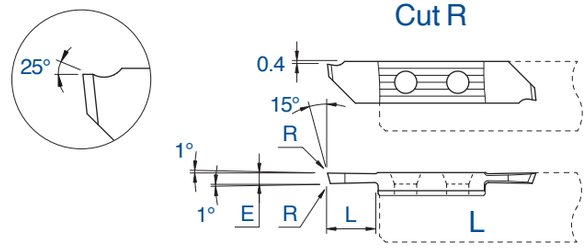
Tronçonnage
Abstechen
Parting off

Coupe déportée
Versetztes Schneiden
Cut off line











R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
1.0	5	0.03	-							731RX12-1.0	●	●	●				●	●
1.5	7	0.03	741LX12-1.5	●	●	●				731RX12-1.5	●	●	●	●	●	●	●	●



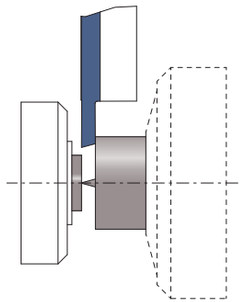
R (L)

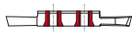
Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

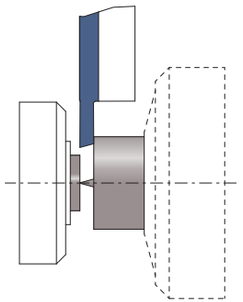
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

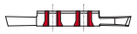
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
1.5	7	0.03	741LX25-1.5	●	●	●	731RX25-1.5	●	●	●





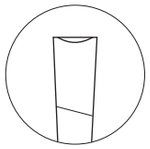
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

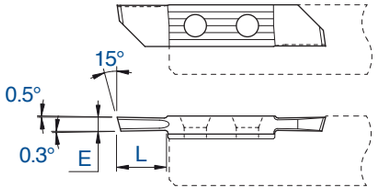




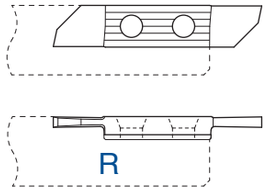
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Cut R

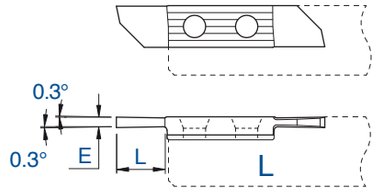


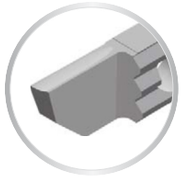


Cut L



Cut R

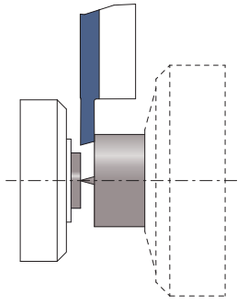




L (R)

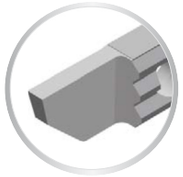
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

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	●		●			



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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



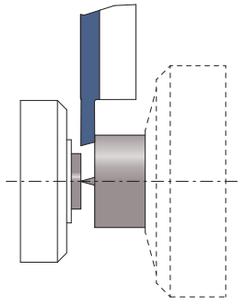
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

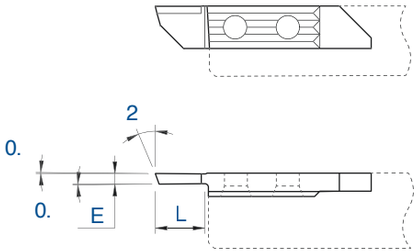
E	L	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)
1.0	5	741N-1.0	●	●	●	●		●	731N-1.0	●	●	●	●		●
1.5	7	741N-1.5	●	●	●	●		●	731N-1.5	●	●	●	●		●

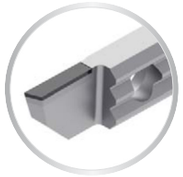


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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Cut R



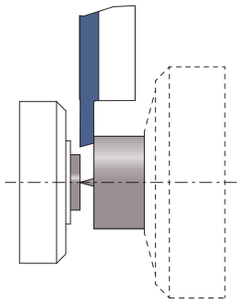


L (R)

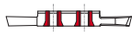
Coupe à droite déportée
Versetztes Linksschneiden
Left cut off line

E	L	Art. N°	PCD
0.8	5	731R-0.8	●
1.0	5	731R-1.0	●
1.2	5	731R-1.2	●
1.5	7	731R-1.5	●
2.0	7	731R-2.0	●
2.5	7	731R-2.5	●

Uniquement 1 arête de coupe
Nur 1Schneidekante
Only1 cutting edge

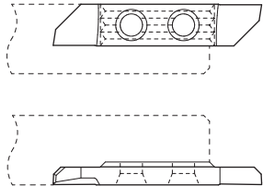


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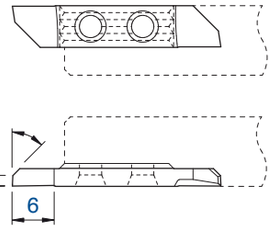


Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

L



R





L

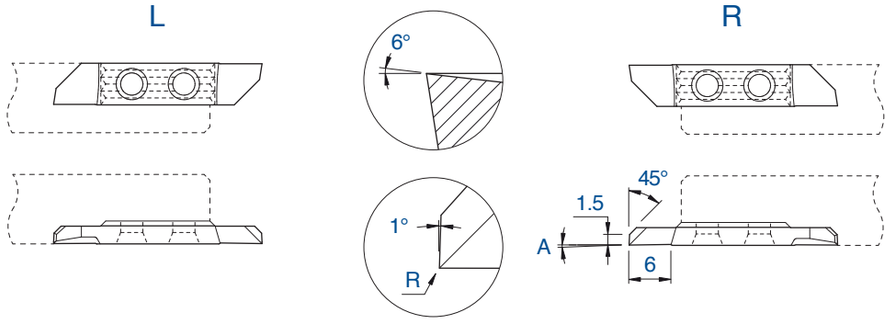
R

A	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
0°	0	732	●	●	●	●	●	●	742	●	●	●	●	●	●	●		
2°	0	732-2°	●	●	●	●		●	742-2°	●	●	●	●	●	●	●	●	●
2°	0								742-2°-R08	●	●	●	●	●	●	●		

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

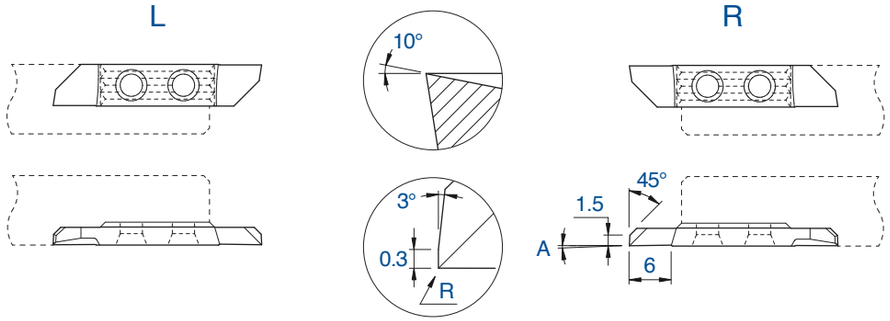




A	R	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
			L				R		
0°	0	732PX	●	●	●	742PX	●	●	●

7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

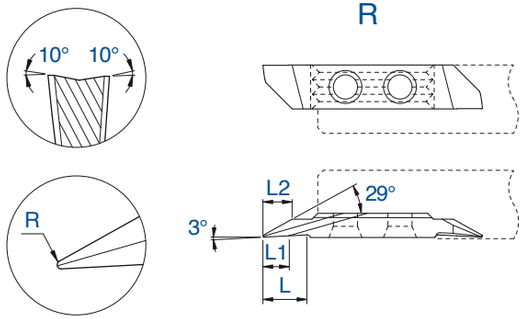
Zurück zum Kapitelanfang

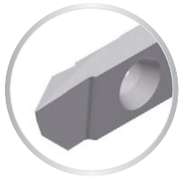




A	R	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
			L								R								
0°	0	732X	●		●		●	●	●	742X	●	●	●	●	●	●	●	●	●
2°	0									742X-2°	●	●	●	●	●	●	●		
2°	0.08									742X-2°-R08	●	●	●	●	●	●	●		

7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



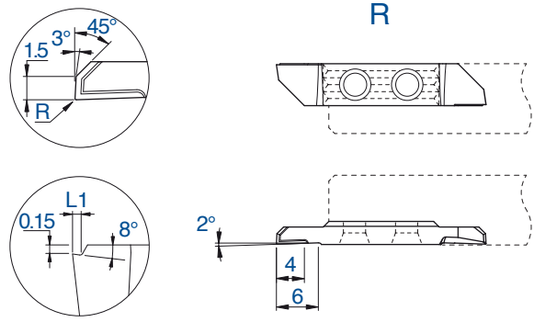


L	L1	L2	R	Art. N°	KST	KN (µx10-20)
6	3.5	4.2	0.08	742VUX10-29°-R08	●	●
6	3.5	4	0.15	742VUX10-29°-R15	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang



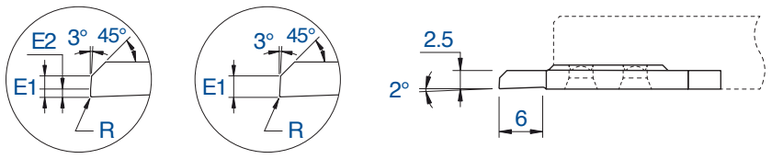


L1	R	Art. N°	KCRF	KN (µx10-20)
0.12	0.03	742ZF-X812-R03	●	●
0.24	0.03	742ZF-X824-R03	●	●
0.36	0.08	742ZF-X836-R08	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

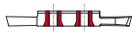
R





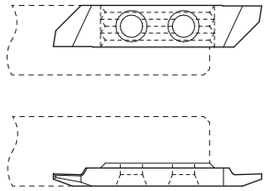
E1	E2	R	Art. N°	PCD
				R
1.5	0.3	0	742-2°	●
1.5	-	0.08	742-2°-R08	●
1.5	-	0.15	742-2°-R15	●
1.5	-	0.20	742-2°-R20	●

Uniquement 1 arête decoupe
Nur 1Schneidekante
Only1 cutting edge

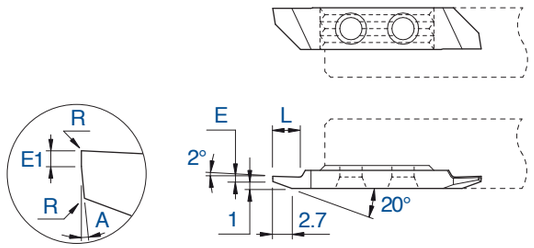
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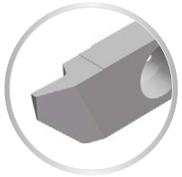
Sur demandepour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

L



R

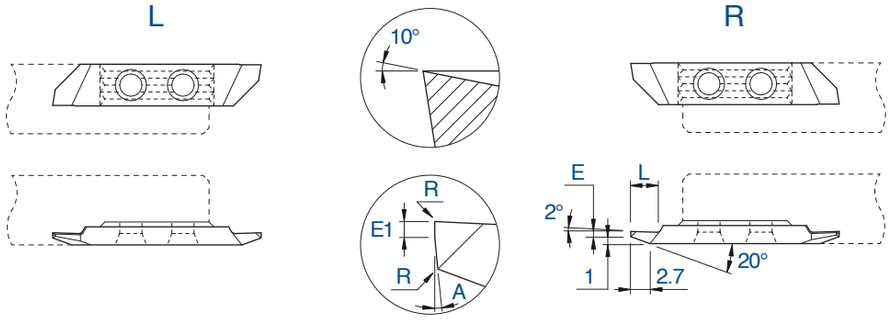




E	E1	A	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
					L							R							
0.5	0.25	3°	3	0	733-0.5	●	●	●	●		●	743-0.5	●	●	●	●	●	●	●
0.5	-	2°	3	0.08	733-0.5-R08	●	●	●	●		●	743-0.5-R08	●		●	●	●		●
0.8	0.30	3°	4	0	733-0.8	●	●	●				743-0.8	●	●	●	●	●		●
1.0	0.40	3°	4	0	733-1.0	●	●	●	●		●	743-1.0	●		●	●	●		●
1.2	0.50	3°	5	0	733-1.2	●	●	●	●		●	743-1.2	●		●	●	●		●
1.5	0.50	3°	6	0	733-1.5	●	●	●	●		●	743-1.5	●		●	●	●		●

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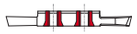
Sur demandepour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





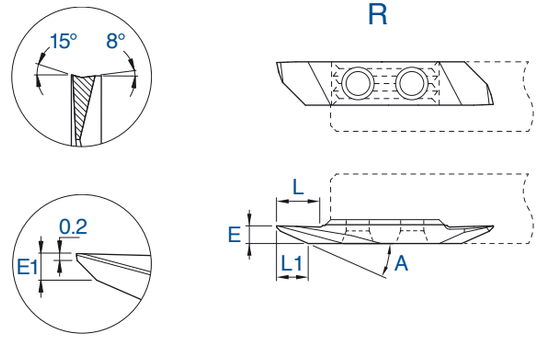
						L								R							
E	E1	A	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTAX	HTiN	HN (µk10)
0.5	0.25	3°	3	0	733X-0.5	●	●	●	●		●	743X-0.5	●	●	●	●	●	●	●	●
0.5	-	2°	3	0.08	733X-0.5-R08	●	●	●				743X-0.5-R08	●	●	●	●	●			●
0.8	0.30	3°	4	0	733X-0.8	●	●	●				743X-0.8	●		●	●	●		●	●
1.0	0.40	3°	4	0	733X-1.0	●	●	●				743X-1.0	●		●	●	●			●
1.2	0.50	3°	5	0	733X-1.2	●	●	●				743X-1.2	●		●	●	●			●
1.5	0.50	3°	6	0	733X-1.5	●	●	●				743X-1.5	●		●	●	●			●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang



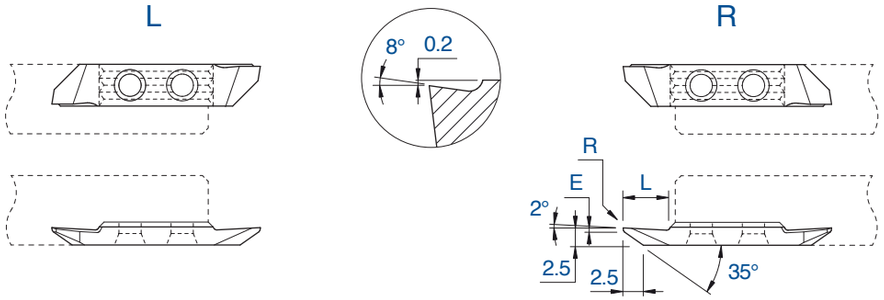


					R								
E	E1	A	L	L1	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTAX	HTiN	HN (µk10)	KST	KN (µk10-20)
1.5	0.75	24°	3	2.3	743VUX8-0.2-1.5	●	●		●	●	●		●	●	●
2.5	0.75	24°	6	4.4	743VUX8-0.2-2.5	●	●		●	●	●		●	●	●

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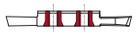
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





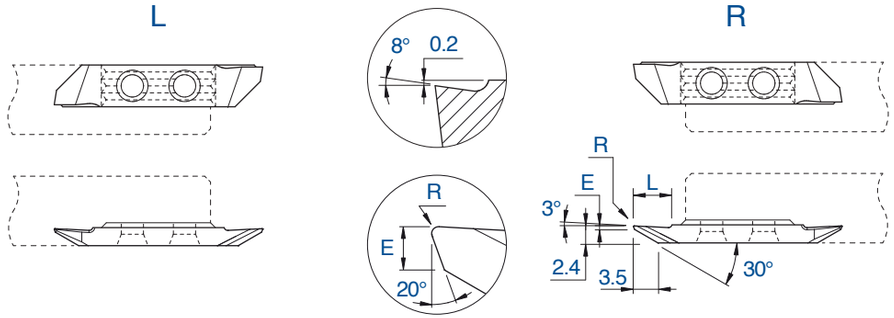
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
				L							R							
1.0	6.5	0	733VX-8°	●	●	●	●	●	●	743VX-8°	●	●	●	●	●	●		
1.0	6.5	0.08	733VX-8°-R08	●	●	●	●		●	743VX-8°-R08	●	●	●	●		●	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang



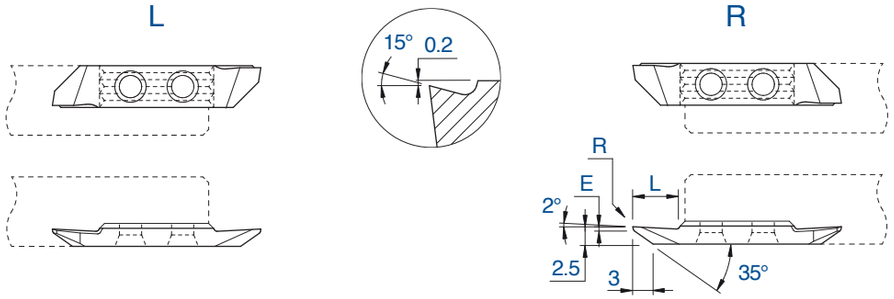


E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
				L							R							
0.5	6	0.08	733VX-805-R08	●		●	●		●	743VX-805-R08	●	●	●	●		●	●	●

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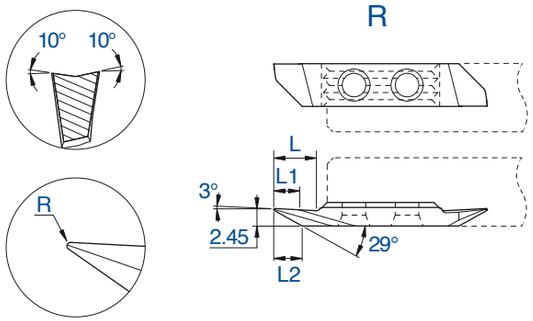
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

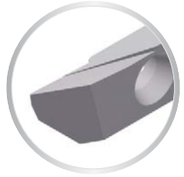




			L						R					
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.6	6.5	0	733VX-15°	●	●	●	●		●	743VX-15°	●	●	●	●		●
0.6	6.5	0.08	733VX-15°-R08	●	●	●				743VX-15°-R08	●	●	●	●		●

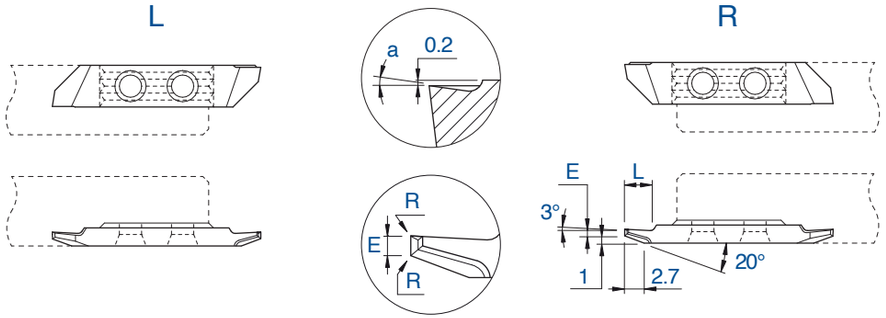
7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





				R	
L	L1	L2	R	Art. N°	KST	KN (µk10-20)
6	3.5	4	0.08	743VUX10-29°-R08	●	●
6	3.5	4	0.15	743VUX10-29°-R15	●	●

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Auf Anfrage für B-Spannsystem, siehe Seite 1.05
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Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control

a	E	L	R	L Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	R Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
10°	1.0	4	0.01	733ZX10-1.0	●						743ZX10-1.0	●			●		
	1.0	4	0.08	733ZX10-1.0-R08	●						743ZX10-1.0-R08	●			●		

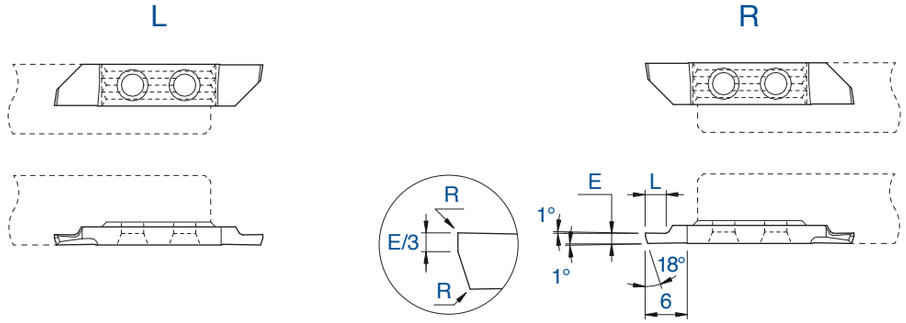


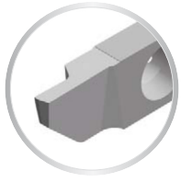
Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



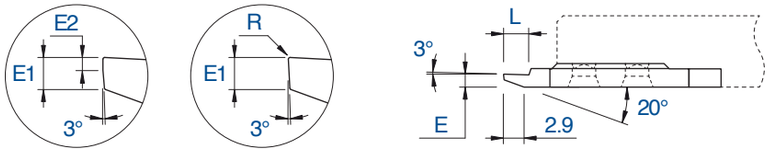


E	L	R	L Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	R Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.8	2	0	733P-0.8	●	●	●				743P-0.8	●	●	●	●		●
1.0	2	0	733P-1.0	●	●	●				743P-1.0	●	●	●			
1.2	2.5	0	733P-1.2	●	●	●				743P-1.2	●	●	●			
1.5	3	0	733P-1.5	●	●	●				743P-1.5	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

R

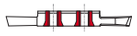




E	E1	E2	L	R	Art. N°	R PCD
1.5	0.5	0.15	3	0	743-0.5	●
1.5	0.5	-	3	0.08	743-0.5-R08	●
1.8	0.8	0.25	4	0	743-0.8	●
1.8	0.8	-	4	0.08	743-0.8-R08	●
2.0	1	0.30	4	0	743-1.0	●
2.0	1	-	4	0.08	743-1.0-R08	●
2.2	1.2	0.35	5	0	743-1.2	●
2.2	1.2	-	5	0.08	743-1.2-R08	●
2.5	1.5	0.45	6	0	743-1.5	●
2.5	1.5	-	6	0.08	743-1.5-R08	●

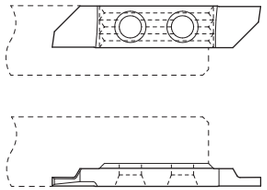
Uniquement 1 arête de coupe
Nur 1 Schneidekante
Only 1 cutting edge

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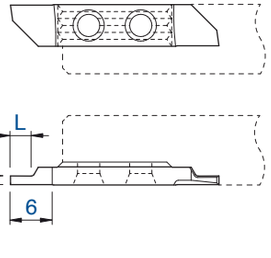


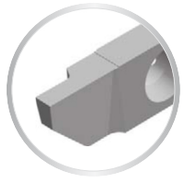
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

L

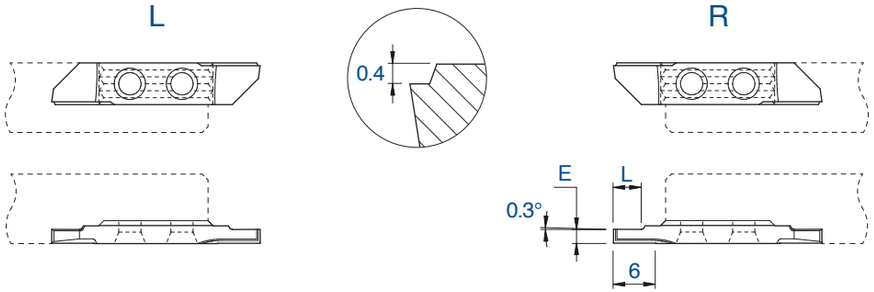


R





E	L	R	L Art. N°	L TiAlN	L TiN	L N (µk20)	L HTA	L HTiN	L HN (µk10)	R Art. N°	R TiAlN	R TiAlX	R TiN	R N (µk20)	R HTA	R HTAX	R HTiN	R HN (µk10)	R KST	R KN (µk10-20)
0.5	1.5	0	734-0.5	●	●	●	●		●	744-0.5	●	●	●	●	●	●	●	●	●	●
0.6	1.8	0	734-0.6	●	●	●	●		●	744-0.6	●	●	●	●	●	●	●	●	●	●
0.75	2	0	734-0.75	●	●	●				744-0.75	●	●	●	●	●	●	●	●	●	●
0.8	2	0	734-0.8	●	●	●	●		●	744-0.8	●	●	●	●	●	●	●	●	●	●
0.8	2	0.08	-							744-0.8-R08	●	●	●	●	●	●		●	●	●
0.9	2.5	0	-							744-0.9	●	●	●	●	●	●		●		
0.95	3	0	734-0.95	●	●	●				744-0.95	●	●	●	●	●	●		●		
1.0	2.5	0	734-1.0	●	●	●	●	●	●	744-1.0	●	●	●	●	●	●	●	●	●	●
1.0	2.5	0.08	734-1.0-R08	●	●	●	●	●	●	744-1.0-R08	●	●	●	●	●	●		●		
1.2	3	0	734-1.2	●	●	●	●		●	744-1.2	●	●	●	●	●	●	●	●		
1.5	3	0	734-1.5	●	●	●	●	●	●	744-1.5	●	●	●	●	●	●	●	●	●	●
1.5	3	0.08	734-1.5-R08	●	●	●	●		●	744-1.5-R08	●	●	●	●	●	●	●	●	●	●
1.5	3	0.15	-							744-1.5-R15	●	●		●	●	●		●		
1.5	3	0.20	-							744-1.5-R20	●	●	●	●	●	●		●		
1.8	4	0	734-1.8	●	●	●	●		●	744-1.8	●	●	●	●	●	●		●		
2.0	4	0	734-2.0	●	●	●	●		●	744-2.0	●	●	●	●	●	●		●		
2.0	4	0.08	734-2.0-R08	●	●	●	●		●	744-2.0-R08	●	●	●	●	●	●		●		
2.0	4	0.15	-							744-2.0-R15	●	●		●	●	●		●		
2.0	4	0.20	-							744-2.0-R20	●	●	●	●	●	●		●		
2.5	6	0	734-2.5	●	●	●				744-2.5		●	●	●	●	●		●		



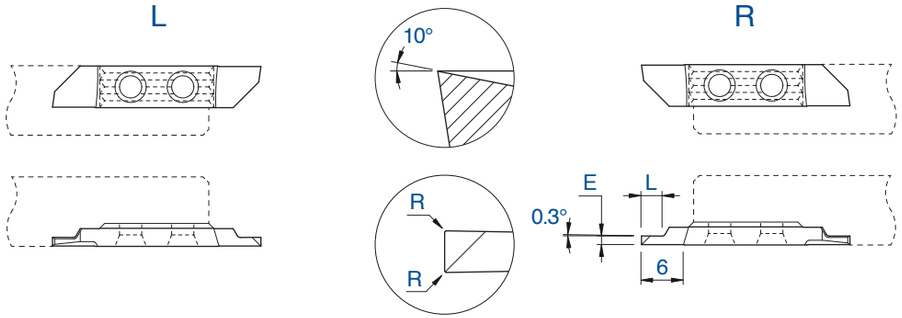


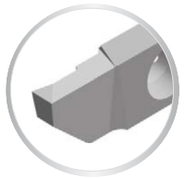
L								R						
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	2	734VS-1.0	●	●	●	●	●	●	744VS-1.0	●	●	●	●		●
1.2	2.5	734VS-1.2	●	●	●	●	●	●	744VS-1.2	●	●	●	●		●
1.5	3	734VS-1.5	●	●	●	●	●	●	744VS-1.5	●	●	●	●		●
1.8	4	734VS-1.8	●	●	●	●	●	●	744VS-1.8	●	●	●			
2.0	4	734VS-2.0	●	●	●	●	●	●	744VS-2.0	●	●	●	●		●
2.5	6	734VS-2.5	●	●	●	●	●	●	744VS-2.5	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang

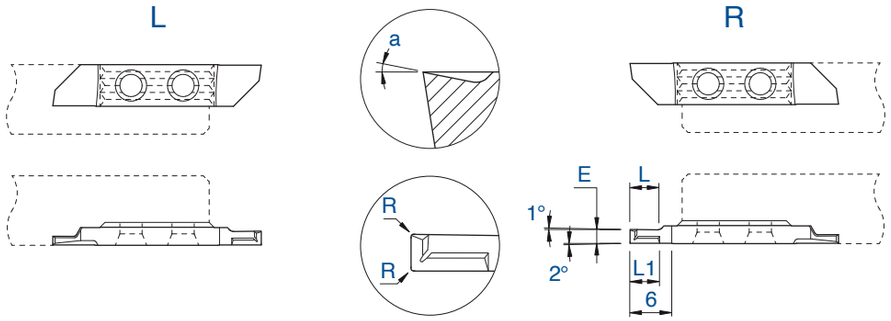


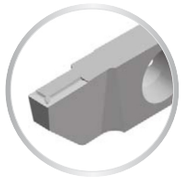


L										R									
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	ST	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTAX	HTiN	HN (µk10)	KST	KN (µk10-20)
0.5	2	0								744X-0.5										●	●
0.8	2	0	734X-0.8	●	●	●	●		●	744X-0.8		●	●	●	●	●	●	●	●	●	●
1.0	2.5	0	734X-1.0	●	●	●	●		●	744X-1.0		●	●	●	●	●	●	●	●	●	●
1.0	2.5	0.08	734X-1.0-R08	●	●	●	●		●	744X-1.0-R08	●	●	●	●	●	●	●		●	●	●
1.2	3	0	734X-1.2	●	●	●	●		●	744X-1.2		●	●	●	●	●	●		●	●	●
1.5	3	0	734X-1.5	●	●	●	●	●	●	744X-1.5		●	●	●	●	●	●	●	●	●	●
1.5	3	0.08	734X-1.5-R08	●	●	●	●		●	744X-1.5-R08	●	●	●	●	●	●	●		●	●	●
1.5	3	0.15	-							744X-1.5-R15	●	●	●	●	●	●	●	●	●		
1.5	3	0.20	-							744X-1.5-R20	●	●	●	●	●	●	●		●		
1.8	4	0	734X-1.8	●	●	●				744X-1.8		●	●	●	●	●	●		●		
2.0	4	0	734X-2.0	●	●	●	●		●	744X-2.0		●	●	●	●	●	●	●	●	●	●
2.0	4	0.08	734X-2.0-R08	●	●	●	●		●	744X-2.0-R08	●	●	●	●	●	●	●	●	●		
2.0	4	0.15	-							744X-2.0-R15	●	●	●	●	●	●	●		●		
2.0	4	0.20	734X-2.0-R20	●	●	●	●	●	●	744X-2.0-R20	●	●	●	●	●	●	●		●	●	●
2.5	6	0	734X-2.5	●	●	●	●		●	744X-2.5			●	●	●	●			●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control

a	E	L	L1	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HAC	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HAC	HN (µk10)
						L								R							
10°	1.0	2.5	3	0.01	734ZX10-1.0	●	●						744ZX10-1.0	●	●	●		●			
	1.5	4	4	0.01	734ZX10-1.5	●	●						744ZX10-1.5	●	●			●	●		
	1.5	4	4	0.08	734ZX10-1.5-R08	●	●						744ZX10-1.5-R08	●	●	●		●			
	2.0	4	4	0.01	734ZX10-2.0	●	●						744ZX10-2.0	●	●			●			
	2.0	4	4	0.08	734ZX10-2.0-R08	●	●						744ZX10-2.0-R08	●	●			●			
	2.5	6	4	0.01	734ZX10-2.5	●	●						744ZX10-2.5	●	●			●			
	2.5	6	4	0.08	-								744ZX10-2.5-R08	●	●			●			
17°	1.0	2.5	3	0.01	-								744ZX17-1.0					●		●	

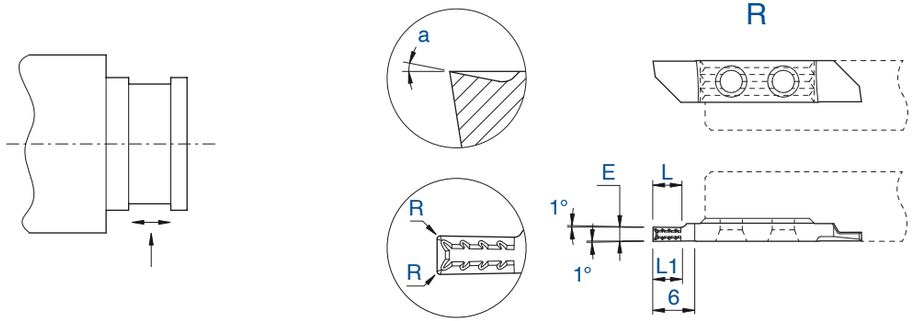


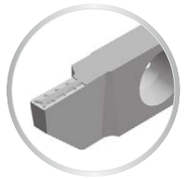
Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control

a	E	L	L1	R	Art. N°	ST	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
						R									
10°	1.0	2.5	2.5	0.01	744ZXT10-1.0	●	●	●	●		●			●	●
	1.5	4	4	0.01	744ZXT10-1.5	●	●	●			●			●	●
	1.5	4	4	0.08	744ZXT10-1.5-R08	●	●	●	●		●			●	●
	2.0	4	4	0.01	744ZXT10-2.0	●	●	●			●			●	●
	2.0	4	4	0.08	744ZXT10-2.0-R08	●	●	●			●			●	●
	2.5	5	5	0.01	744ZXT10-2.5	●	●	●			●			●	●
	2.5	5	5	0.08	744ZXT10-2.5-R08	●	●	●			●			●	●

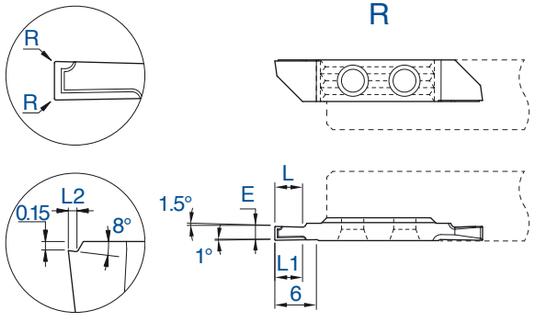


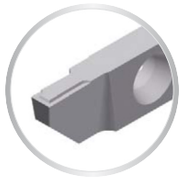
Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



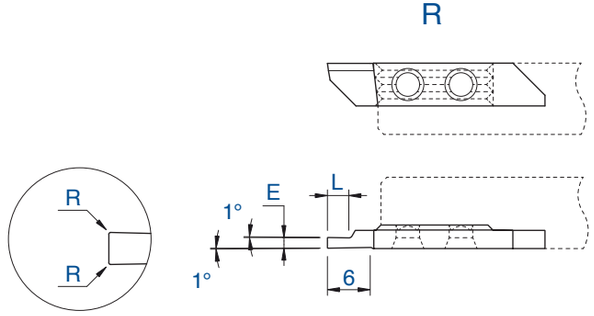


E	L	L1	L2	R	Art. N°	KCRF	KN (µk10-20)
1.0	2.5	2	0.12	0.03	744ZF-X812-1.0-R03	●	●
	2.5	2	0.24	0.03	744ZF-X824-1.0-R03	●	●
1.5	3	2.5	0.12	0.03	744ZF-X812-1.5-R03	●	●
	3	2.5	0.24	0.03	744ZF-X824-1.5-R03	●	●
	3	2.5	0.36	0.08	744ZF-X836-1.5-R08	●	●
2.0	4	3	0.24	0.03	744ZF-X812-1.5-R03	●	●
	4	3	0.36	0.08	744ZF-X824-1.5-R03	●	●
	4	3	0.36	0.15	744ZF-X836-1.5-R08	●	●
2.5	6	4	0.24	0.03	744ZF-X824-2.5-R03	●	●
	6	4	0.36	0.08	744ZF-X836-2.5-R08	●	●
	6	4	0.36	0.15	744ZF-X836-2.5-R15	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang



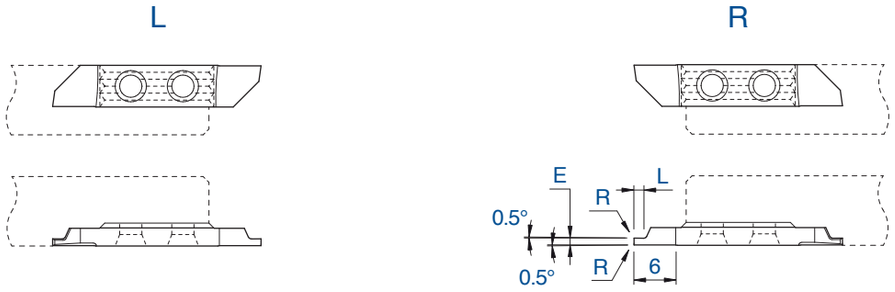


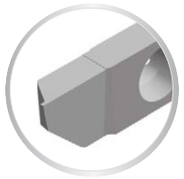
E	L	R	Art. N°	PCD
0.8	2	0	744-0.8	●
0.8	2	0.08	744-0.8-R08	●
1.0	2.5	0	744-1.0	●
1.0	2.5	0.08	744-1.0-R08	●
1.5	3	0	744-1.5	●
1.5	3	0.08	744-1.5-R08	●
1.5	3	0.15	744-1.5-R15	●
1.5	3	0.20	744-1.5-R20	●
2.0	4	0	744-2.0	●
2.0	4	0.08	744-2.0-R08	●
2.0	4	0.15	744-2.0-R15	●
2.0	4	0.20	744-2.0-R20	●
2.5	6	0	744-2.5	●
2.5	6	0.08	744-2.5-R08	●
2.5	6	0.15	744-2.5-R15	●
2.5	6	0.20	744-2.5-R20	●

Uniquement 1 arête de coupe
Nur 1 Schneidekante
Only 1 cutting edge

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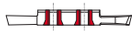
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





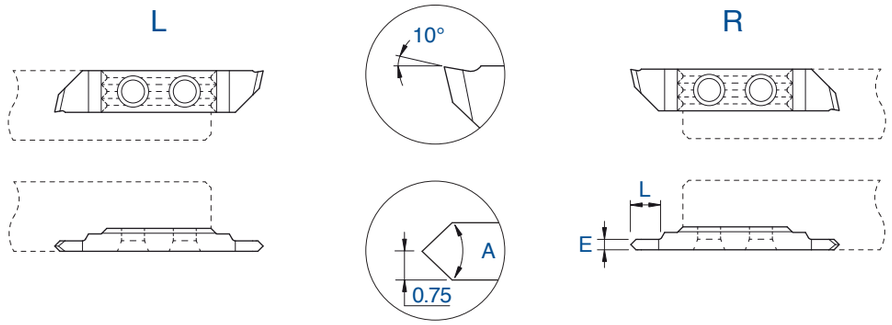
L										R									
E ± 0.01	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.2	0.2	0	735-0202	●	●	●				745-0202	●	●	●	●		●
0.3	0.3	0	735-0303	●	●	●				745-0303	●	●	●	●		●
0.4	0.4	0	735-0404	●	●	●				745-0404	●	●	●	●		●

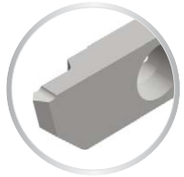
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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

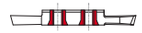
Zurück zum Kapitelanfang



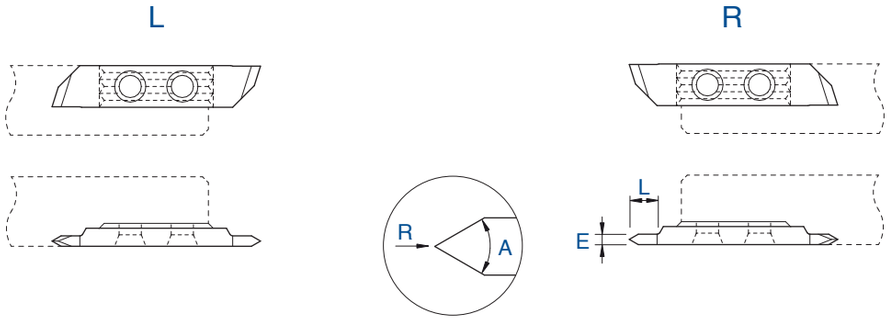


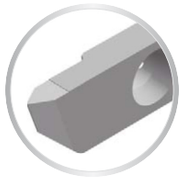
L							R					
A	E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
90°	1.5	4	735X-90-1.5	●		●	745X-90-1.5	●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



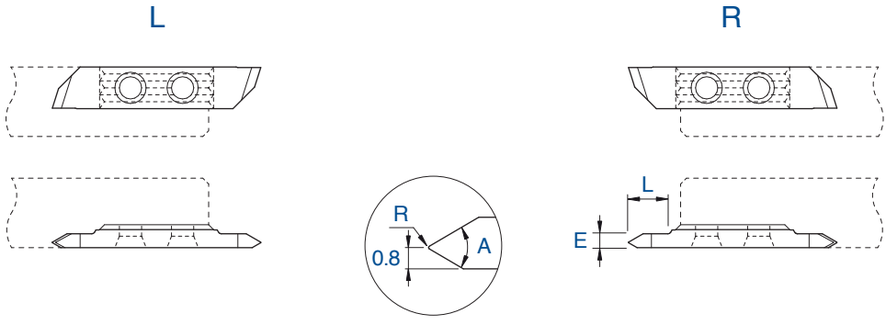


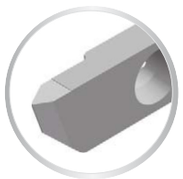
Profil partiel
Teilprofil
Partial profile

L											R									
A	E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	KST	KN (µk10-20)
60°	1.5	4	0	736-60-1.5	●	●	●				746-60-1.5	●	●	●				●	●
60°	1.5	4	0.02	736-60-1.5-R02	●	●	●	●	●	●	746-60-1.5-R02	●	●	●	●		●	●	●
60°	2.0	6	0	736-60-2.0	●	●	●				746-60-2.0	●	●	●				●	●
60°	2.0	6	0.02	736-60-2.0-R02	●	●	●	●	●	●	746-60-2.0-R02	●	●	●	●	●	●		
55°	1.5	4	0	736-55-1.5	●	●	●				746-55-1.5	●	●	●					
55°	1.5	4	0.02	736-55-1.5-R02	●	●	●				746-55-1.5-R02	●	●	●					
55°	2.0	6	0	736-55-2.0	●	●	●				746-55-2.0	●	●	●					
55°	2.0	6	0.02	736-55-2.0-R02	●	●	●				746-55-2.0-R02		●	●					●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





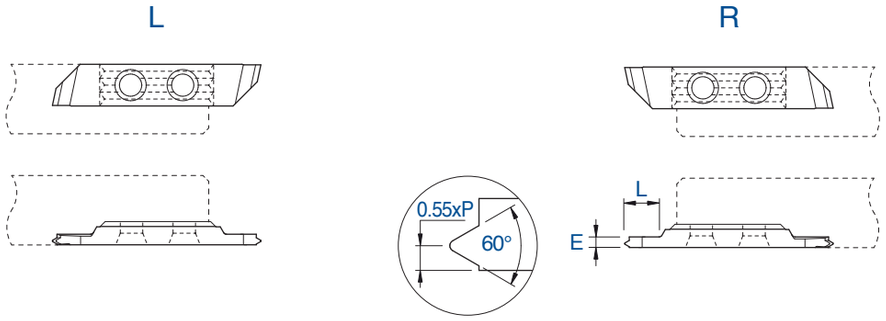
Profil partiel
Teilprofil
Partial profile

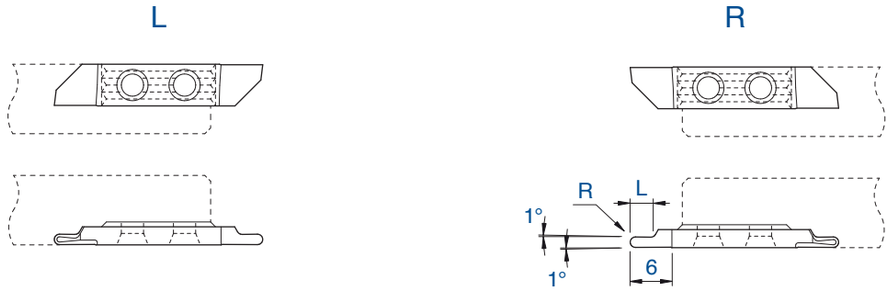
L										R									
A	E	L	R	Pas Steigung Pitch P	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
60°	2.0	6	0.06	0.50-1.50	736-A60°	●	●	●				746-A60°	●	●	●	●		●

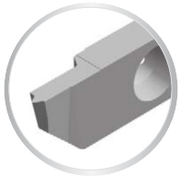
Plaquettes de filetage avec coupe positive 2°, voir page 1.157
WSP Gewindedrehen mit positivem Schnitt 2°, siehe Seite 1.157
Threading inserts with positive cut 2°, see page 1.157

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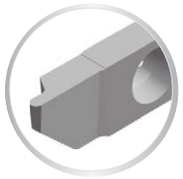
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05







Profil complet métrique
Metrisches Vollprofil
Metric full profile



			L				R			
Pas Steigung Pitch P	E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
0.25	1.0	3	736-M-0.25	●	●	●	746-M-0.25	●	●	●
0.30	1.0	3	736-M-0.30	●	●	●	746-M-0.30	●	●	●
0.35	1.0	3	736-M-0.35	●	●	●	746-M-0.35	●	●	●
0.40	1.0	3	736-M-0.40	●	●	●	746-M-0.40	●	●	●
0.45	1.0	3	736-M-0.45	●	●	●	746-M-0.45	●	●	●
0.50	1.0	3	736-M-0.50	●	●	●	746-M-0.50	●	●	●
0.60	1.0	3	736-M-0.60	●	●	●	746-M-0.60	●	●	●
0.70	1.0	3	736-M-0.70	●	●	●	746-M-0.70	●	●	●
0.75	1.0	3	736-M-0.75	●	●	●	746-M-0.75	●	●	●
0.80	1.5	4.5	736-M-0.80	●	●	●	746-M-0.80	●	●	●
1.00	1.5	4.5	736-M-1.00	●	●	●	746-M-1.00	●	●	●
1.25	1.5	4.5	736-M-1.25	●	●	●	746-M-1.25	●	●	●
1.50	2.0	6	736-M-1.50	●	●	●	746-M-1.50	●	●	●
1.75	2.0	6	736-M-1.75	●	●	●	746-M-1.75	●	●	●

	L			R						
R	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
0.25	1.5	-				747-R0.25	●	●	●
0.40	2	-				747-R0.4	●	●	●
0.50	2.5	737-R0.5	●	●	●	747-R0.5	●	●	●
0.60	2.5	737-R0.6	●	●	●	747-R0.6	●	●	●
0.75	3	737-R0.75	●	●	●	747-R0.75	●	●	●
0.80	3	737-R0.8	●	●	●	747-R0.8	●	●	●
1.00	4	737-R1.0	●	●	●	747-R1.0	●	●	●

Plaquettes de filetage avec coupe positive 2°, voir page 1.158
WSP Gewindedrehen mit positivem Schnitt 2°, siehe Seite 1.158
Threading inserts with positive cut 2°, see page 1.158

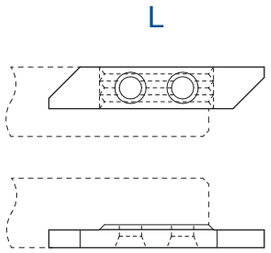
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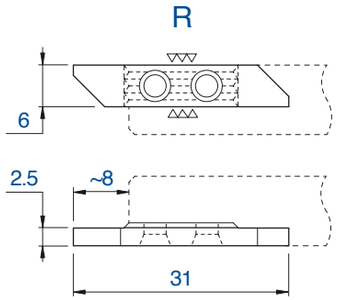
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

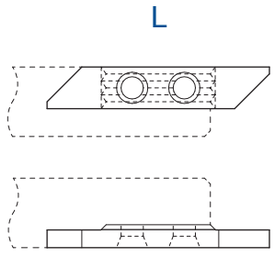
7XX-XX-B

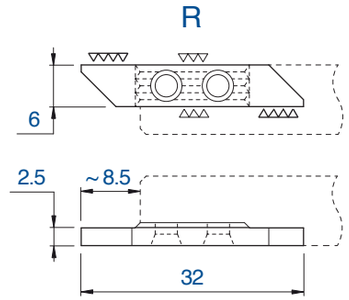
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Plaquettes ébauches
WSP-Rohlinge
Blank inserts





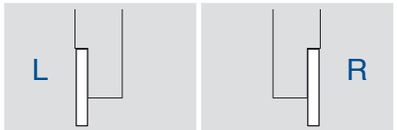




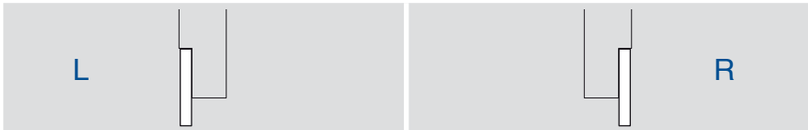




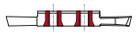
Face de coupe polie
Polierte Schneidfläche
Polished cutting face



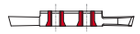
Art. N°	P M N S	N (µk20)	P M N S	HN (µk10)	Art. N°	P M N S	N (µk20)	P M N S	HN (µk10)
731-E		●		●	741-E		●		●



Art. N°	P M N S	TiAlN	P M N S	TiN	P M N S	N (µk20)	P M N S	HTA	P M N S	HTiN	P M N S	HN (µk10)	P M N S	KST	P M N S	KN	Art. N°	P M N S	TiAlN	P M N S	TiN	P M N S	N (µk20)	P M N S	HTA	P M N S	HTiN	P M N S	HN (µk10)	P M N S	KST	P M N S	KN (µk10-20)
731-EP		●		●		●		●		●		●		●		●	741-EP		●		●		●		●				●		●		●



Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

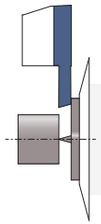
Index
TOP-Line
750 / 760

L

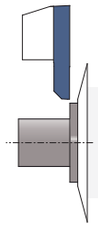
Type		Page
750	750	1.92
	750-JET	1.93
	750RC	1.94
751	751	1.101
	751-E	1.162
	751-EP	1.163
	751-R05	1.103
	751NX840	1.104
	751NXF	1.112/1.124
	751R	1.114
	751R-PCD	1.127
	751R-R05	1.116
	751RAS	1.126
	751RD	1.125
	751RS	1.115
	751RU	1.122
	751RZU	1.123
	751RX12	1.119
	751RX25	1.120
	751RX4	1.117
	751RX840	1.121
	751RXF	1.118
	751S	1.102
	751U	1.110
	751X12	1.107
	751X25	1.108
	751X4	1.105
	751XF	1.106
752	752	1.128
	752PX	1.129
	752S	1.135
	752X	1.130
753	753	1.137
	753P	1.146
	753S	1.136
	753VX-15°	1.143
	753VX-8°	1.140
	753VX-805	1.141
	753X	1.138
	753XS	1.139
	753ZX	1.145
754	754	1.147
	754VS	1.148
	754X	1.149
	754ZX	1.152
	754ZXT	1.154
756	756	1.156
	756-AG60°	1.157
	756-G60°	1.157
	756-M	1.158
757	757	1.160
	757ZX	1.161

R

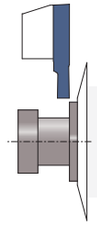
Type		Page
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	760-D-JET	1.99
	760-JET	1.93
	760-NOVIBRA	1.96
	760/750-D	1.97/1.98
	760/750-AX	1.100
	760LC	1.95
761	761	1.101
	761-E	1.162
	761-EP	1.163
	761-PCD	1.113
	761-R05	1.103
	761L	1.114
	761L-R05	1.116
	761LD	1.125
	761LS	1.115
	761LX12	1.119
	761LX25	1.120
	761LX4	1.117
	761LXF	1.118
	761NXF	1.112/1.124
	761NX840	1.104
	761S	1.102
	761U	1.110
	761ZU	1.111
	761X12	1.107
	761X25	1.108
	761X4	1.105
	761X840	1.109
	761XF	1.106
	761ZU	1.111
762	762	1.128
	762PX	1.129
	762S	1.135
	762X	1.130
	762VUX	1.132
	762VX-800	1.131
	762ZF-X	1.134
	762ZX	1.133
763	763	1.137
	763P	1.146
	763S	1.136
	763VUX	1.144
	763VX-15°	1.143
	763VX-8°	1.140
	763VX-800	1.142
	763VX-805	1.141
	763X	1.138
	763XS	1.139
	763ZX	1.145
764	764	1.147
	764VS	1.148
	764X	1.149
	764X5-EP	1.150
	764X10-EP	1.151
	764ZF-X	1.155
	764ZX	1.152
	764ZXB	1.153
	764ZXT	1.154
766	766	1.156
	766-AG60°	1.157
	766-G60°	1.157
	766-M	1.158
	766ZX	1.159
767	767	1.160
	767ZX	1.161



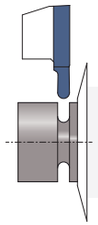
751 / 761
Tronçonnage
Abstechen
Parting off
> 1.101



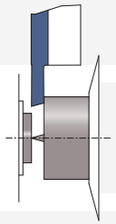
752 / 762
Tournage avant
Vorwärts drehen
Front turning
> 1.128



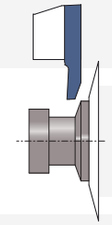
754 / 764
Fonçage-tournage
Einstechen und drehen
Grooving and turning
> 1.147



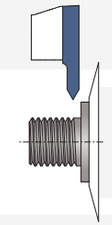
757 / 767
Plaquettes à rayon
Radius Wendeplatten
Radius inserts
> 1.160



761L/ 751R
Tronçonnage - coupe déportée
Abstechen - versetztes Schneiden
Parting off - cut off line
> 1.114



753 / 763
Tournage arrière
Rückwärts drehen
Back turning
> 1.137

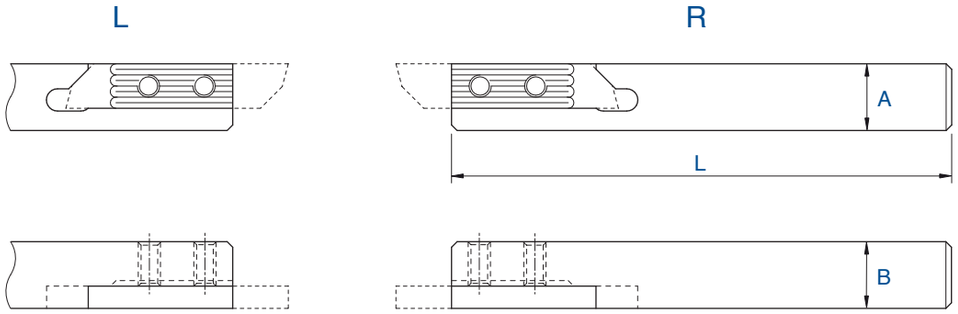


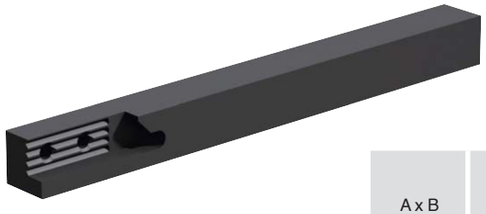
756 / 766
Filetage
Gewinde drehen
Threading
> 1.156

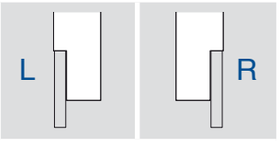
750 / 760
Porte-outils
Halter
Holders
> 1.92

Plaquettes ébauches
WSP-Rohlinge
Blank inserts
> 1.162

Zurück zum Kapitelanfang

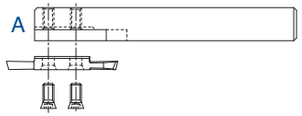




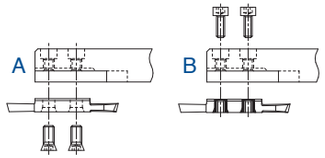


A x B	L	Serrage Spannsystem Clamping	Art. N°	Art. N°
10 x 10	115	A	750-10	760-10
10 x 10	115	A + B	750-10-AB	760-10-AB
10 x 10	50	A	750-10-50	760-10-50
12 x 12	130	A	750-12	760-12
12 x 12	130	A + B	750-12-AB	760-12-AB
12 x 12	90	A	750-12-90	760-12-90
12 x 12	90	A + B	750-12-90-AB	760-12-90-AB
12.7 x 12.7	130	A + B	750-12.7	760-12.7
14 x 14	130	A + B	750-14	760-14
16 x 16	130	A + B	750-16	760-16
16 x 16	75	A + B	750-16-75	760-16-75
20 x 20	120	A + B	750-20	760-20
25 x 25	140	A	760/750-25	

Serrage standard A
Standard Spannsystem A
Standard clamping system A



Serrage A + B
Spannsystem A + B
Clamping system A + B

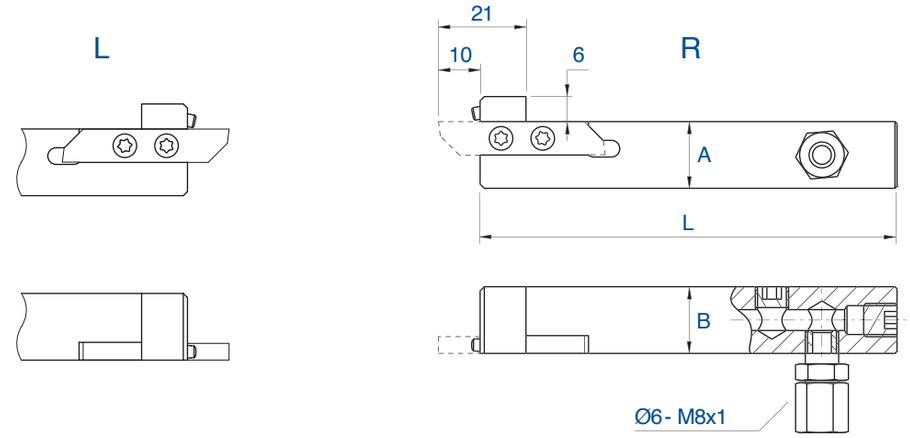


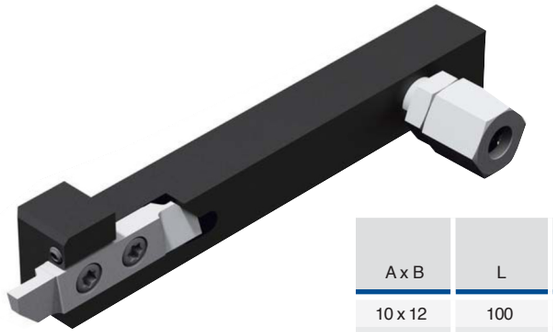
760/750-25
R + L

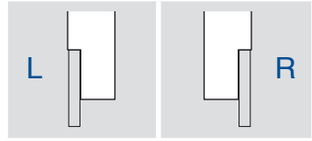


Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Zurück zum Kapitelanfang

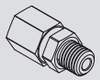






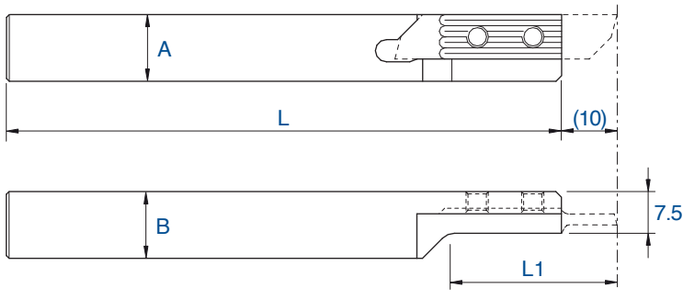
A x B	L	Serrage Spannsystem Clamping	Art. N°	Art. N°
10 x 12	100	A + B	750-1012-JET	760-1012-JET
10 x 12	80	A + B	-	760-1012-80-JET
12 x 12	100	A + B	750-12-JET	760-12-JET
12.7 x 12.7	100	A + B	750-12.7-JET	760-12.7-JET
16 x 16	100	A + B	750-16-JET	760-16-JET
20 x 20	100	A + B	750-20-JET	760-20-JET

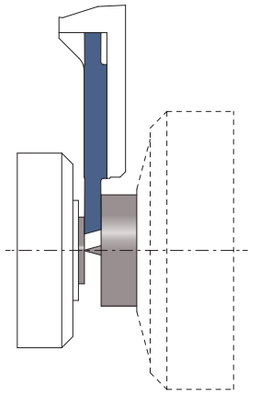
Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws.
The keys must be ordered separately.

Pièces de rechange Ersatzteile Spare parts			Buses Düsen Nozzles 
	Art. N°	Art. N°	Art. N°
750-JET / 760-JET	J-M8X1-D6	JB-M8X1	JJ-M3X6-D1.5
			More option see JET-Line

Utiliser des plaquettes type 751R
WSP Typ 751R verwenden
Use inserts type 751R

Voir pages 1.114 - 1.127
Siehe Seiten 1.114 - 1.127
See pages 1.114 - 1.127

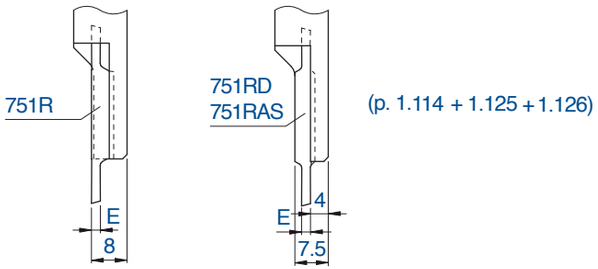




L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

A x B	L	L1	Art. N°
12 x 12	130	30	750RC-12
12.7 x 12.7	130	30	750RC-12.7
16 x 16	130	40	750RC-16



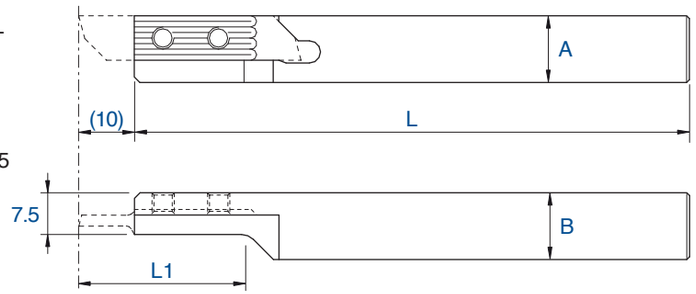
(p. 1.114 + 1.125 + 1.126)

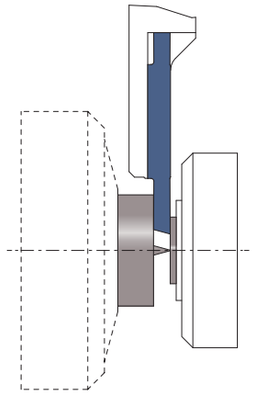
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Zurück zum Kapitelanfang

Utiliser des plaquettes type 761L
WSP Typ 761L verwenden
Use insets type 761L

Voir pages 1.114 - 1.120 + 1.125
Siehe Seiten 1.114 - 1.120 + 1.125
See pages 1.114 - 1.120 + 1.125

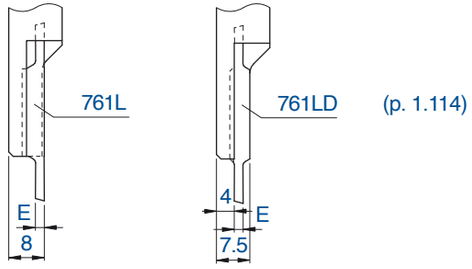




R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

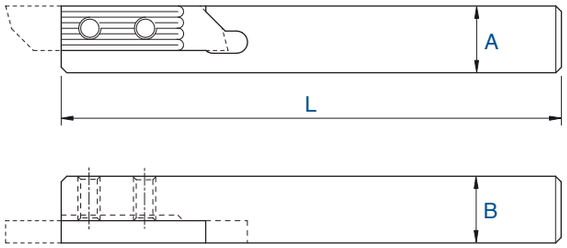
A x B	L	L1	Art. N°
16 x 16	130	40	760LC-16

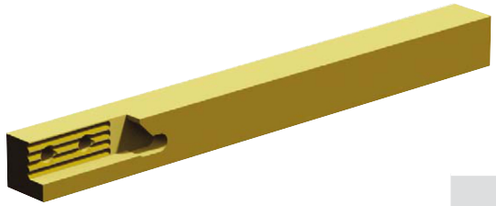


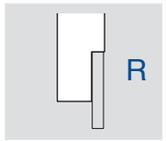
(p. 1.114)

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

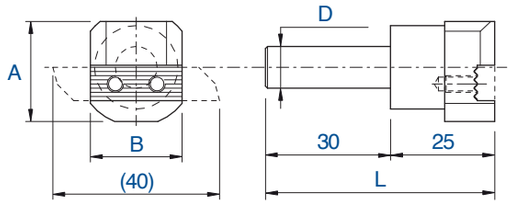
R

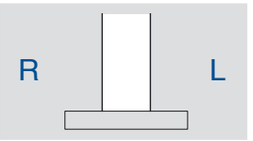






A x B	L	Serrage Spannsystem Clamping	Art. N°
10 x 10	115	A	760-10-NOVIBRA
12 x 12	115	A	760-12-NOVIBRA

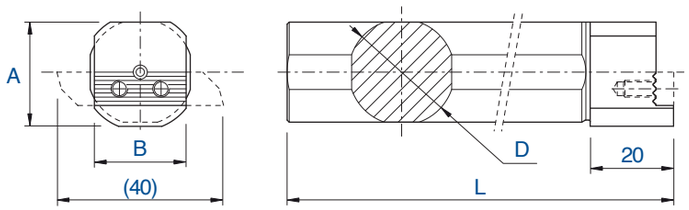


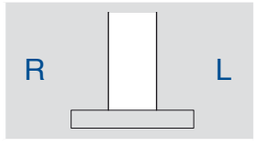


A x B	L	D	Art. N°
24 x 22	55	10	760/750-D10

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

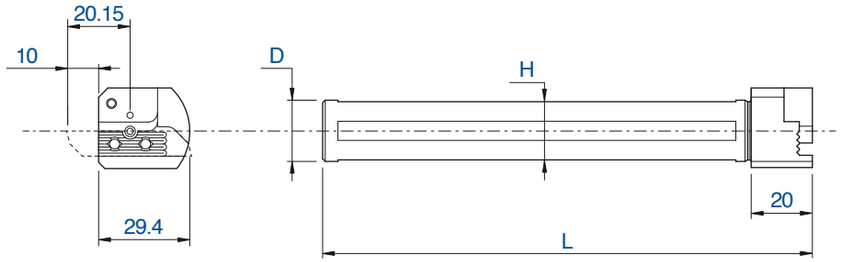


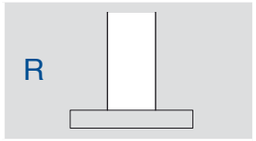


A x B	L	D	Art. N°
25 x 22	160	16	760/750-D16
25 x 22	160	19.05	760/750-D19.05
25 x 22	110	19.05	760/750-D19.05-S
25 x 22	160	20	760/750-D20
25 x 22	110	22	760/750-D22
25 x 22	200	25	760/750-D25
25 x 22	200	25.4	760/750-D25.4
25 x 22	125	25.4	760/750-D25.4-S

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
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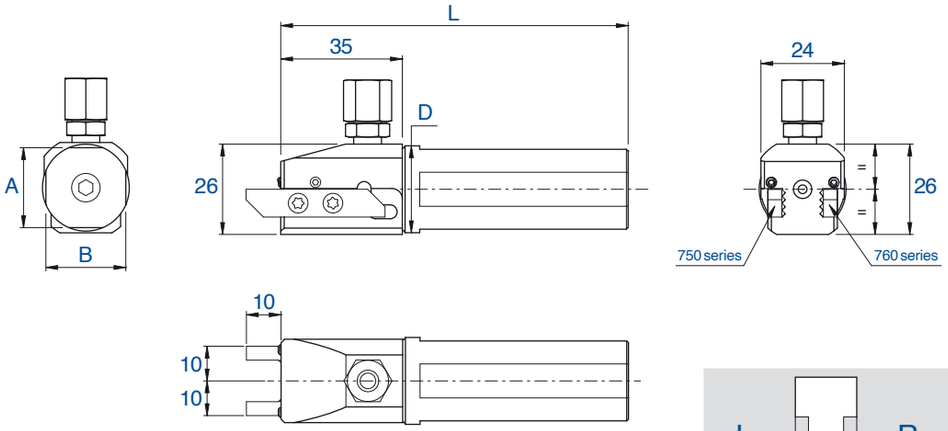
Zurück zum Kapitelanfang





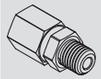
D	H	L	Art. N°
16	15	160	760-D16-160-JET
19.05	18	160	760-D19.05-160-JET
19.05	18	110	760-D19.05-110-JET
20	19	160	760-D20-160-JET
22	20	110	760-D22-110-JET
25	24	200	760-D25-200-JET
25.4	24	200	760-D25.4-200-JET
25.4	24	125	760-D25.4-125-JET

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.



L	R

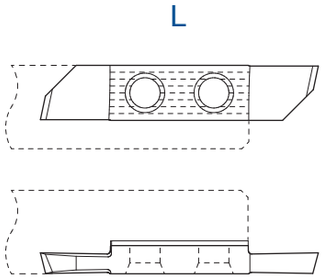
A x B	L	D	Art. N°
23 x 23	100	25	760/750-AX-D25-JET
23 x 23	100	25.4	760/750-AX-D25.4-JET

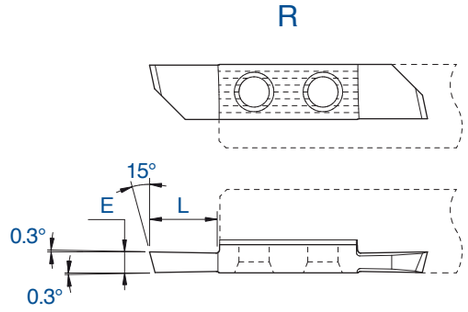
Pièces de rechange Ersatzteile Spare parts			Buses Düsen Nozzles 
	Art. N°	Art. N°	Art. N°
760/750-AX	J-M8X1-D6	JB-M8X1	JJ-M3X6-D1.5 More option see JET-Line

Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

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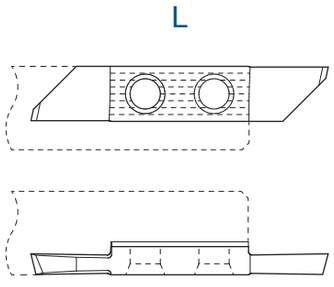


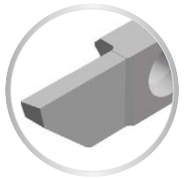


	L							R						
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	5	751-1.0	●	●	●	●	●	●	761-1.0	●	●	●	●	●	●	●
1.2	5	751-1.2	●	●	●				761-1.2	●	●	●	●	●		●
1.5	7.5	751-1.5	●	●	●	●		●	761-1.5	●	●	●	●	●	●	●
1.8	7.5	751-1.8	●	●	●				761-1.8	●	●	●	●	●		●
2.0	10	751-2.0	●	●	●	●	●	●	761-2.0	●	●	●	●	●	●	●
2.2	10	751-2.2	●	●	●				761-2.2	●	●	●	●	●		●
2.5	10	751-2.5	●	●	●	●		●	761-2.5	●	●	●	●	●	●	●
3.0	10	751-3.0	●	●	●				761-3.0	●	●	●	●	●		●

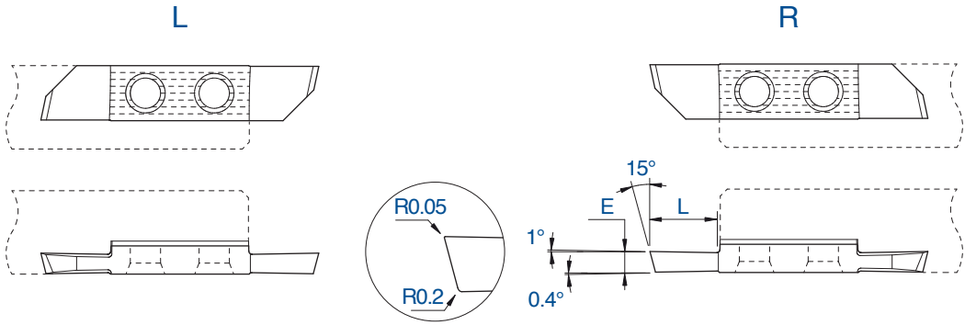
7XX-XX-B 

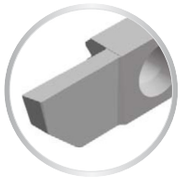
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





E	L	L Art. N°	L TiAlN	L TiN	L N (µk20)	L HTA	L HTiN	L HN (µk10)	R Art. N°	R TiAlN	R TiAlX	R TiN	R N (µk20)	R HTA	R HTiN	R HN (µk10)
2.0	11.5	751S-2.0	●	●	●	●		●	761S-2.0	●	●	●	●	●		●
2.2	11.5	751S-2.2	●	●	●				761S-2.2	●	●	●	●	●		●
2.5	11.5	751S-2.5	●	●	●	●		●	761S-2.5	●	●	●	●	●		●
3.0	11.5	751S-3.0	●	●	●				761S-3.0	●	●	●	●	●		●

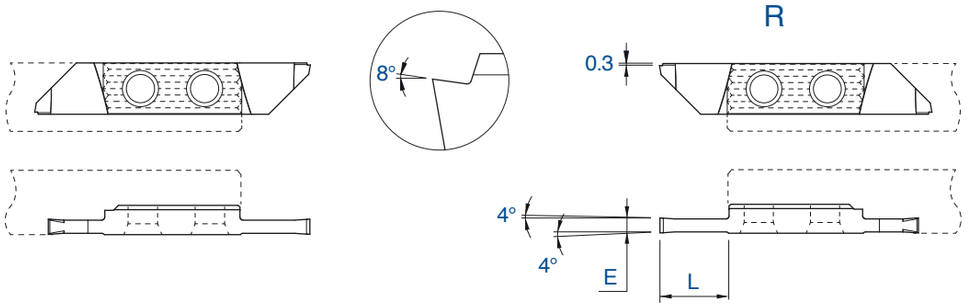


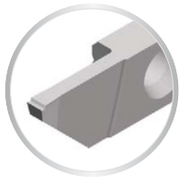


E	L	L Art. N°	L TiAlN	L TiN	L N (µk20)	L HTA	L HTiN	L HN (µk10)	R Art. N°	R TiAlN	R TiAlX	R TiN	R N (µk20)	R HTA	R HTiN	R HN (µk10)
1.5	7.5	751-1.5-R05	●	●	●				761-1.5-R05	●	●	●	●	●		●
2.0	10	751-2.0-R05	●	●	●				761-2.0-R05	●	●	●	●	●		●
2.5	10	751-2.5-R05	●	●	●				761-2.5-R05	●	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

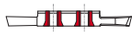
7XX-XX-B
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



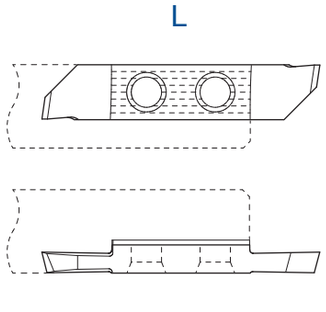


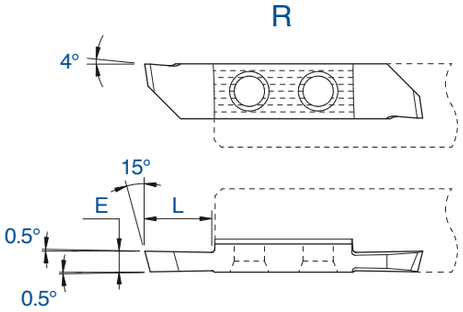
		L				R			
E	L	Art. N°	HCR-TF	HN (µk10)		Art. N°	HCR-TF	HN (µk10)	
1.5	10	751NX840-1.5	●	●		761NX840-1.5	●	●	
2.0	11	751NX840-2.0	●	●		761NX840-2.0	●	●	
2.5	11	751NX840-2.5	●	●		761NX840-2.5	●	●	

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





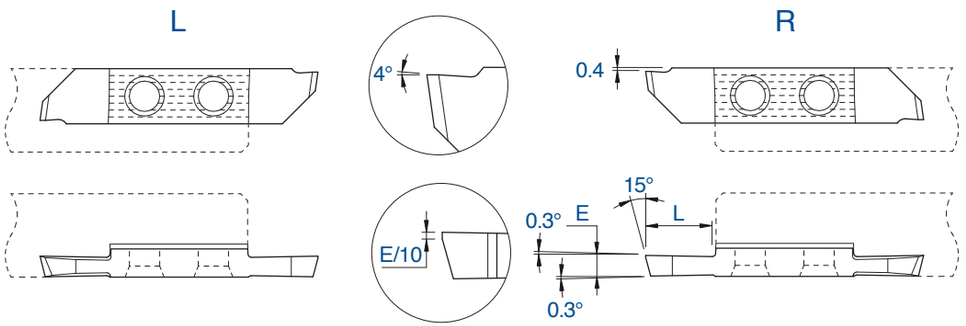


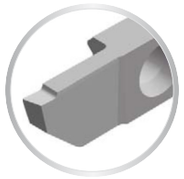
		L							R					
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	-							761X4-1.5	●	●	●			
2.0	10	751X4-2.0	●	●	●	●		●	761X4-2.0	●	●	●	●		●
2.5	10	-							761X4-2.5	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

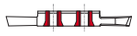


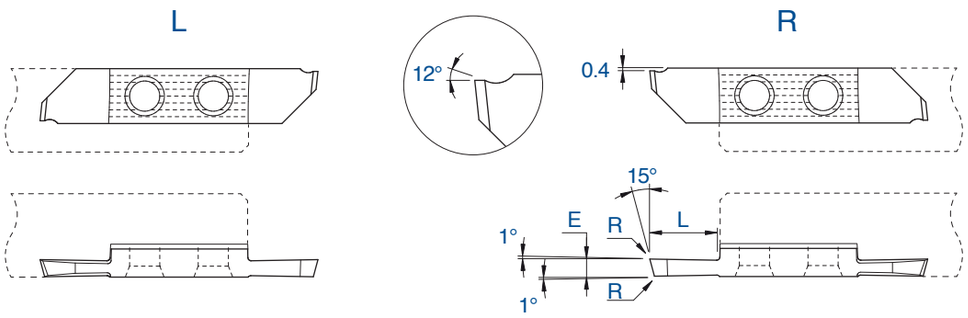


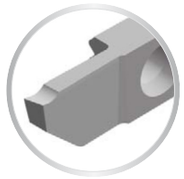
		L							R					
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	751XF-1.5	●	●	●	●		●	761XF-1.5	●	●	●	●		●
2.0	10	751XF-2.0	●	●	●	●	●	●	761XF-2.0	●	●	●	●	●	●
2.2	10	751XF-2.2	●	●	●				761XF-2.2	●	●	●			
2.5	10	751XF-2.5	●	●	●	●		●	761XF-2.5	●	●	●			
3.0	10	751XF-3.0	●	●	●				761XF-3.0	●	●	●	●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





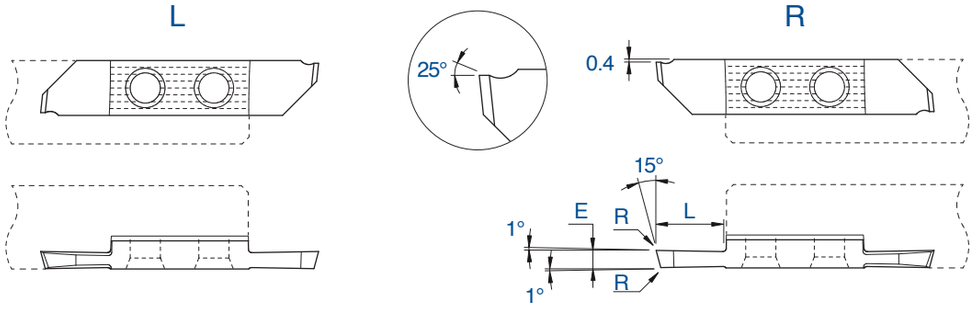


			L							R						
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	0.03	751X12-1.5	●	●	●	●		●	761X12-1.5	●	●	●	●		●
2.0	10	0.03	751X12-2.0	●	●	●	●		●	761X12-2.0	●	●	●	●		●
2.5	10	0.03	751X12-2.5	●	●	●				761X12-2.5	●	●	●	●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



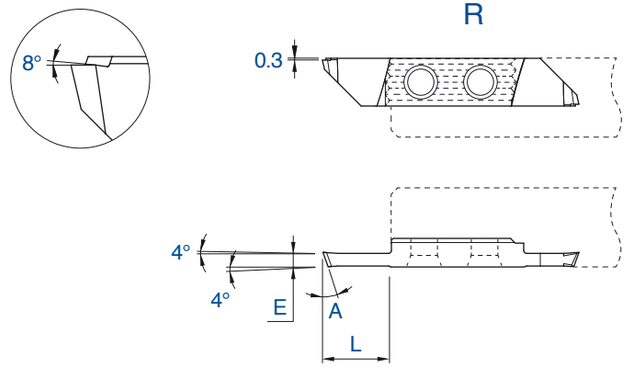




L										R									
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)			
1.5	7.5	0.03	751X25-1.5	●	●	●	●		●	761X25-1.5	●	●	●						
2.0	10	0.03	751X25-2.0	●	●	●				761X25-2.0	●	●	●	●		●			
2.5	10	0.03	751X25-2.5	●	●	●				761X25-2.5	●	●	●	●		●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

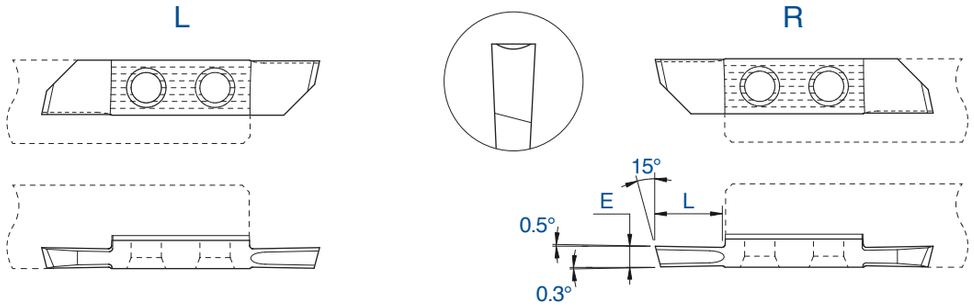


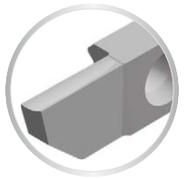


R				
E	L	A	Art. N°	HCR-TF	HN (µk10)
1.4	10	20°	761X840-1.4-20	●	●
2	11	5°	761X840-2.0-5	●	●
2.5	11	5°	761X840-2.5-5	●	●
1.9	11	20°	761X840-1.9-20	●	●
2.4	11	20°	761X840-2.4-20	●	●

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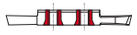
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





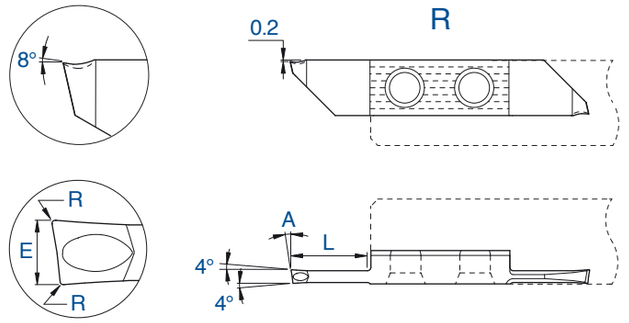
E	L	Art. N°	L: TiAlN	L: TiN	L: N (µk20)	L: HTA	L: HTiN	L: HN (µk10)	Art. N°	R: TiAlN	R: TiN	R: N (µk20)	R: HTA	R: HTiN	R: HN (µk10)
1.5	7.5	-							761U-1.5	●	●	●	●		●
2.0	10	751U-2.0	●	●	●				761U-2.0	●	●	●			●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang





E	A	L	R	Art. N°	R: TiAlN	R: N (µk20)
2.0	0°	11	0.10	761ZU8-2.0-R10	●	
2.0	8°	11	0.10	761ZU8-2.0-8°-R10	●	



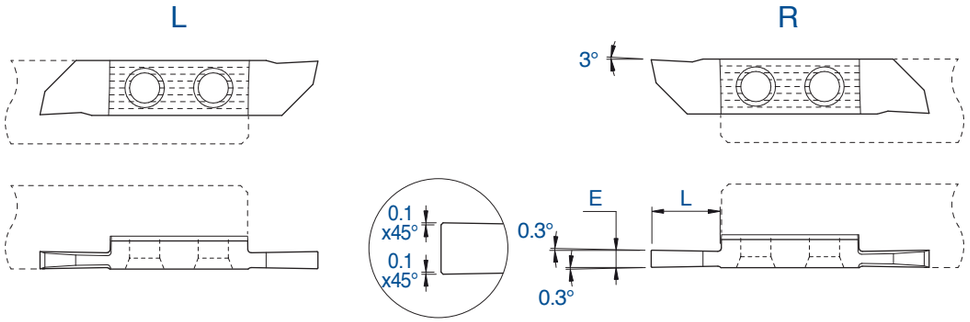
Arête de coupe honée
Gehonte Schneidkante
Honed edge

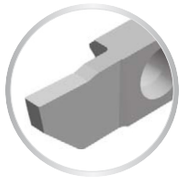
f min: 0.02mm/U

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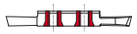
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





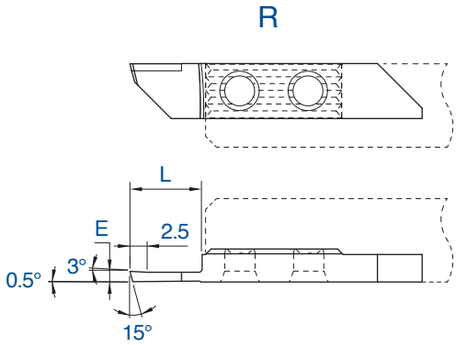
L									R							
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
2.0	10	751NXF-2.0	●	●	●	●		●	761NXF-2.0	●	●	●	●	●	●
2.5	10	751NXF-2.5	●	●	●				761NXF-2.5	●	●	●			
3.0	10	751NXF-3.0	●	●	●				761NXF-3.0	●	●	●			

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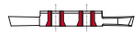
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





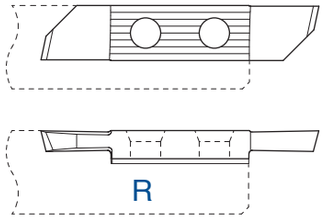
R			
E	L	Art. N°	PCD
1.5	10	761-1.5-PCD	●
2	11	761-2.0-PCD	●
2.5	11	761-2.5-PCD	●

7XX-XX-B

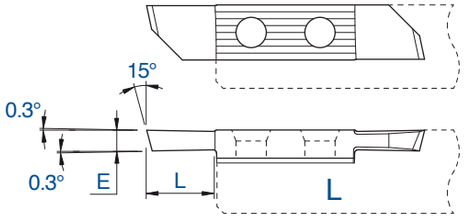


Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Cut L



Cut R





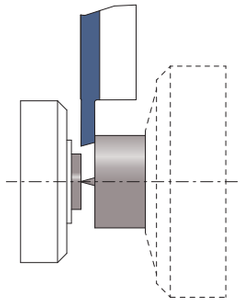
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

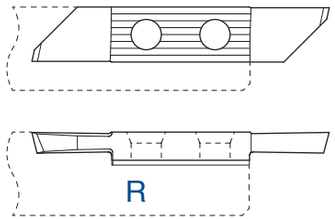
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	5	761L-1.0	●	●	●	●		●	751R-1.0	●	●	●	●	●		●
1.5	7.5	761L-1.5	●	●	●	●		●	751R-1.5	●	●	●	●	●		●
1.8	7.5	761L-1.8	●	●	●				751R-1.8	●	●	●	●	●		●
2.0	10	761L-2.0	●	●	●	●		●	751R-2.0	●	●	●	●	●	●	●
2.2	10	761L-2.2	●	●	●				751R-2.2	●	●	●	●			
2.5	10	761L-2.5	●	●	●	●		●	751R-2.5	●	●	●	●	●	●	●
3.0	10	761L-3.0	●	●	●				751R-3.0	●	●	●	●	●		●

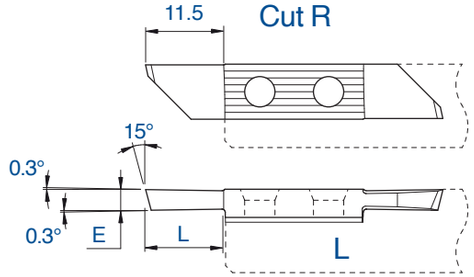


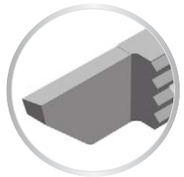
Zurück zum Kapitelanfang

Cut L



Cut R





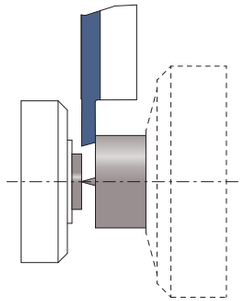
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

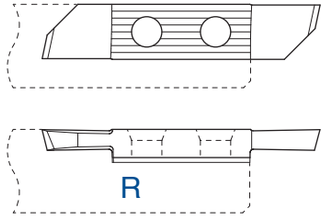
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

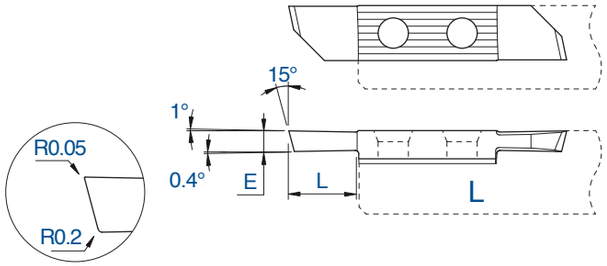
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	5.5	761LS-1.0	●	●	●	●		●	751RS-1.0	●	●	●	●	●		●
1.5	8	761LS-1.5	●	●	●	●		●	751RS-1.5	●	●	●	●	●		●
2.0	11.5	761LS-2.0	●	●	●				751RS-2.0	●	●	●	●	●	●	●
2.2	11.5	761LS-2.2	●	●	●				751RS-2.2	●	●	●	●	●		●
2.5	11.5	761LS-2.5	●	●	●				751RS-2.5	●	●	●	●	●	●	●
3.0	11.5	761LS-3.0	●	●	●				751RS-3.0	●	●	●	●	●		●



Cut L



Cut R





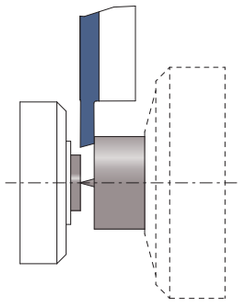
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

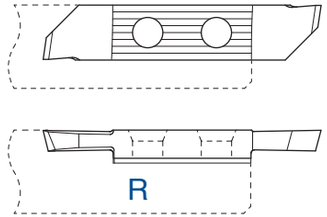
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	761L-1.5-R05	●	●	●				751R-1.5-R05	●	●	●	●	●		●
2.0	10	761L-2.0-R05	●	●	●				751R-2.0-R05	●	●	●	●			

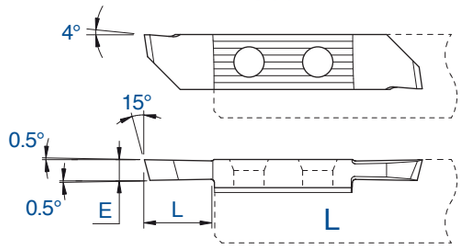


Zurück zum Kapitelanfang

Cut L



Cut R





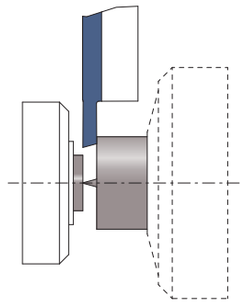
R (L)

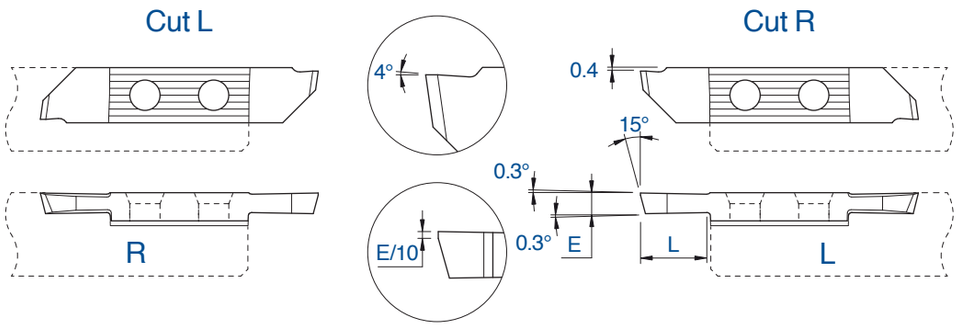
Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

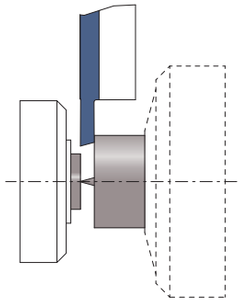
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	-							751RX4-1.5	●	●	●	●	●	●
2.0	10	761LX4-2.0	●	●	●				751RX4-2.0	●	●	●	●	●	●
2.5	10	-							751RX4-2.5	●	●	●			

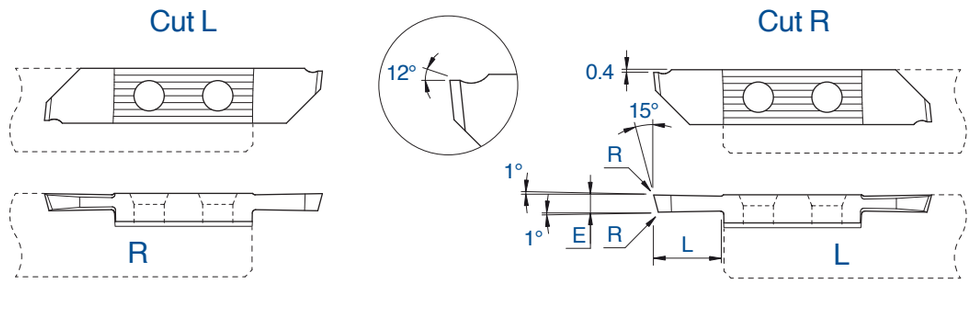






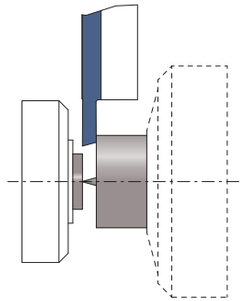
R (L) Coupe à gauche déportée Versetztes Linksschneiden Left cut off line										L (R) Coupe à droite déportée Versetztes Rechtsschneiden Right cut off line						
E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)		Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	-								751RXF-1.5	●	●	●	●		●
2.0	10	761LXF-2.0	●	●	●					751RXF-2.0	●	●	●	●	●	●
2.5	10	761LXF-2.5	●	●	●					751RXF-2.5	●	●	●	●		●
3.0	10	761LXF-3.0	●	●	●					751RXF-3.0	●	●	●	●		●



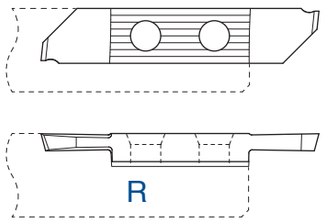


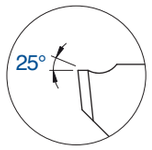


R (L) Coupe à gauche déportée Versetztes Linksschneiden Left cut off line											L (R) Coupe à droite déportée Versetztes Rechtsschneiden Right cut off line						
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)		Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.5	7.5	0.03	-								751RX12-1.5	●	●	●			
2.0	10	0.03	761LX12-2.0	●	●	●					751RX12-2.0	●	●	●	●	●	●

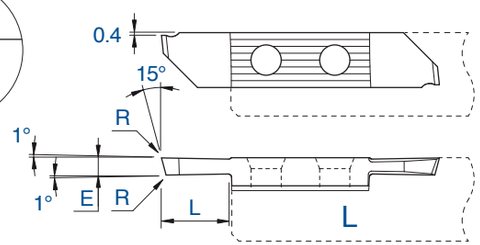


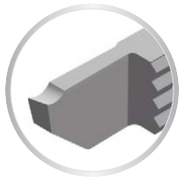
Cut L





Cut R





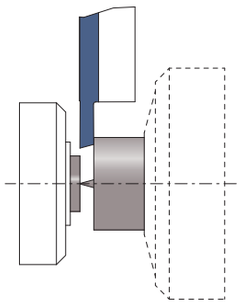
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

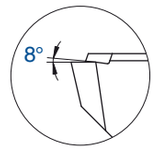
L (R)

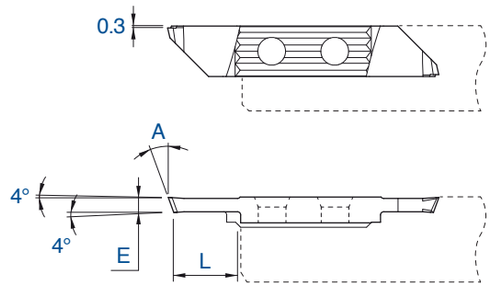
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	R	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
				P M N S	P M N	P S		P M N S	P M N	P S
2.0	10	0.03	761LX25-2.0	●	●	●	751RX25-2.0	●	●	●



Cut R





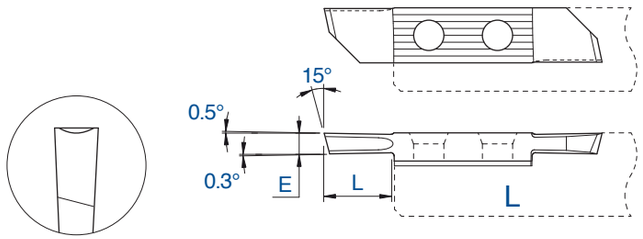


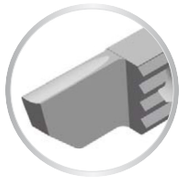
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	A	Art. N°	HCR-TF	HN (µk10)
				N S	N S P
1.4	10	20°	751RX840-1.4-20	●	●
1.5	10	5°	751RX840-1.5-5	●	●
2	11	5°	751RX840-2.0-5	●	●
2.5	11	5°	751RX840-2.5-5	●	●
1.9	11	20°	751RX840-1.9-20	●	●
2.4	11	20°	751RX840-2.4-20	●	●

Cut R

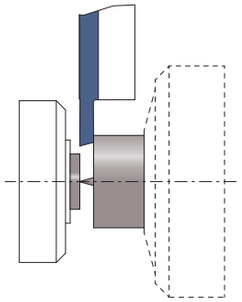




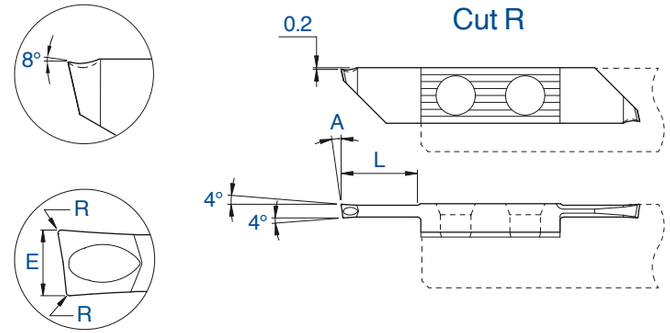
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	P M N S TiAlN	P M N TiN	P S N (µk20)
1.5	7.5	751RU-1.5	●	●	●
2.0	10	751RU-2.0	●	●	●



Cut R





R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

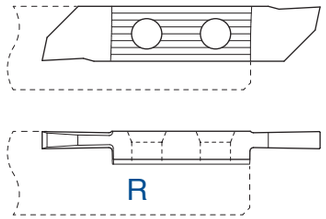
E	A	L	R	Art. N°	P M N S TiAlN	P M N TiN	P S N (µk20)
2.0	8°	11.0	0.10	751RZU8-2.0-8°-R10	●		



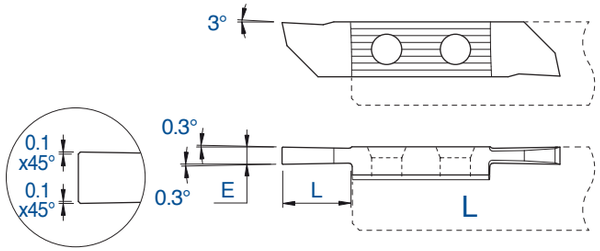
Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

Cut L



Cut R





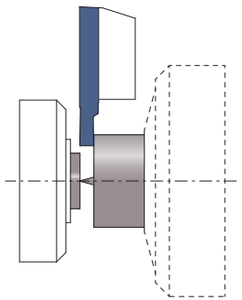
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

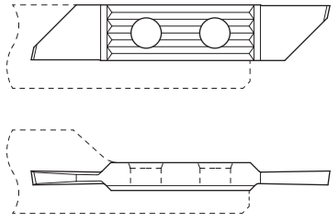
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
2.0	10	761NXF-2.0	●	●	●	●		●	751NXF-2.0	●	●	●	●		●
2.5	10	761NXF-2.5	●	●	●				751NXF-2.5	●	●	●			
3.0	10	761NXF-3.0	●	●	●				751NXF-3.0	●	●	●			

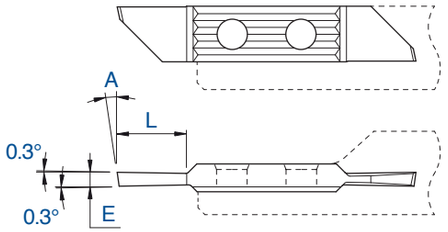


Zurück zum Kapitelanfang

Cut L



Cut R





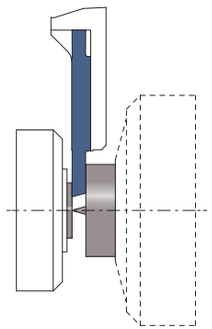
R (L)

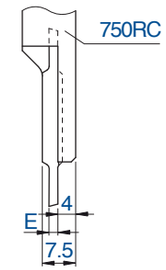
Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	A	L	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	8°	5	761LD-1.0-8°	●	●	●	●		●	751RD-1.0-8°	●	●	●	●		●
1.0	15°	5	761LD-1.0-15°	●	●	●	●		●	751RD-1.0-15°	●	●	●	●		●
1.2	8°	5	761LD-1.2-8°	●	●	●				751RD-1.2-8°	●	●	●	●	●	●
1.5	8°	8	761LD-1.5-8°	●	●	●				751RD-1.5-8°	●	●	●	●	●	●
1.5	15°	8	761LD-1.5-15°	●	●	●				751RD-1.5-15°	●	●	●	●		●
1.6	8°	8	761LD-1.6-8°	●	●	●				751RD-1.6-8°	●	●	●			
1.8	8°	10	761LD-1.8-8°	●	●	●				751RD-1.8-8°	●	●	●	●		●
2.0	8°	10	761LD-2.0-8°	●	●	●				751RD-2.0-8°	●	●	●	●		●
2.0	15°	10	761LD-2.0-15°	●	●	●	●		●	751RD-2.0-15°	●	●	●	●		●
2.5	8°	10	-							751RD-2.5-8°	●	●	●	●		●

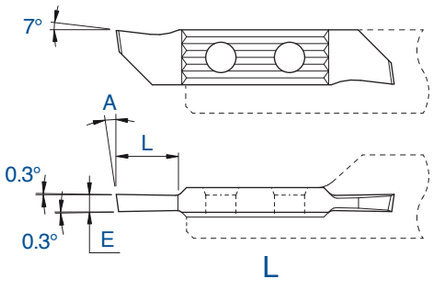




Tronçonnage
Abstechen
Parting off

Coupe déportée
Versetztes Schneiden
Cut off line

Cut R

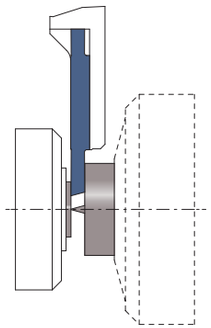


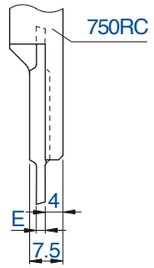


L (R)

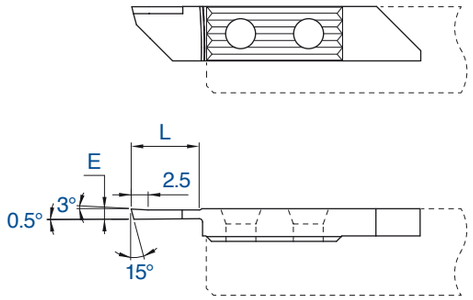
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

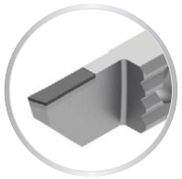
E	A	L	Art. N°	TiAlN	TiN	N (µx20)	HTA	HTiN	HN (µx10)
1.6	8°	7.5	751RAS-1.6-8°	●	●	●			
1.6	15°	7.5	751RAS-1.6-15°	●	●	●	●		●
2.0	8°	9	751RAS-2.0-8°	●	●	●	●		●
2.0	15°	9	751RAS-2.0-15°	●	●	●			
2.5	8°	9	751RAS-2.5-8°	●	●	●			
2.5	15°	9	751RAS-2.5-15°	●	●	●			





Cut R

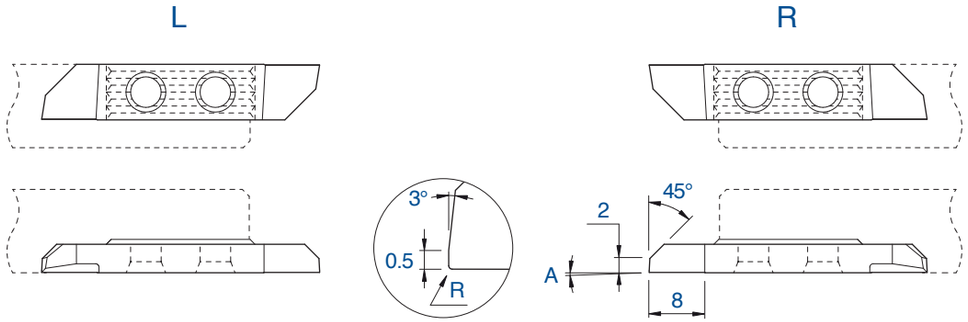


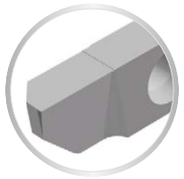


L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	PCD
1.5	10	751R-1.5-PCD	●
2	11	751R-2.0-PCD	●
2.5	11	751R-2.5-PCD	●



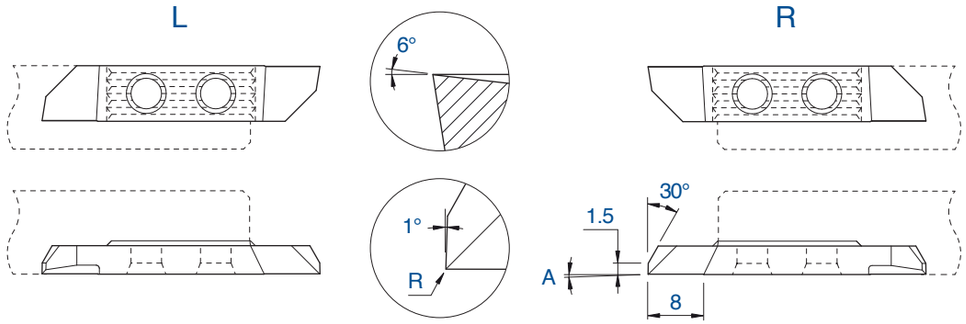


		L						R					
A	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0°	0	752	●	●	●	●		●	762	●	●	●	●		●
0°	0.20	-							762-R20	●	●	●	●		●
3°	0	752-3°	●	●	●	●		●	762-3°	●	●	●	●		●
3°	0.20	-							762-3°-R20	●	●	●	●	●	●

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang

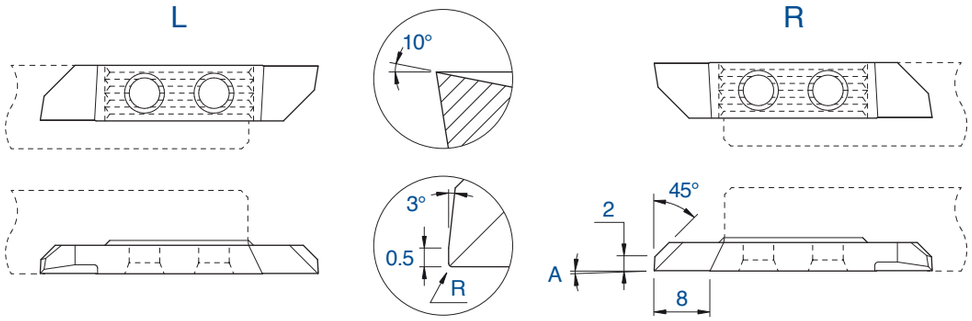




		L				R			
A	R	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
0°	0	752PX	●	●	●	762PX	●	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



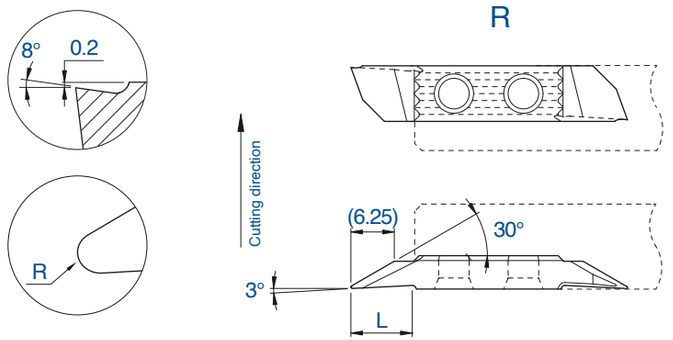


L								R							
A	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0°	0	752X	●	●	●	●	●	●	762X	●	●	●	●	●	●
0°	0.20	752X-R20	●	●	●				762X-R20	●	●	●	●	●	●
3°	0	-							762X-3°	●	●	●	●	●	●
3°	0.20	-							762X-3°-R20	●	●	●	●	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang

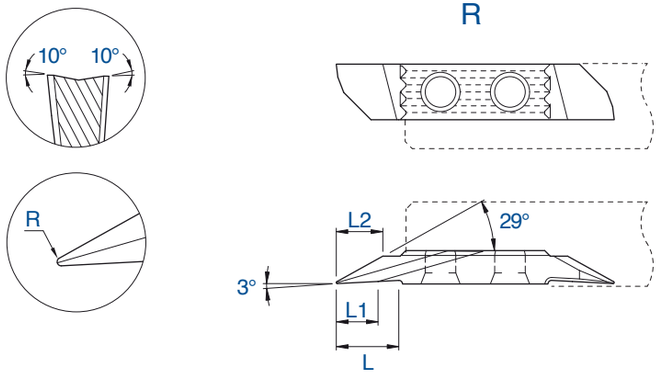




R					
L	R	Art. N°	HTA	HTiN	HN (µk10)
9	0.15	762VX-800-R15	●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

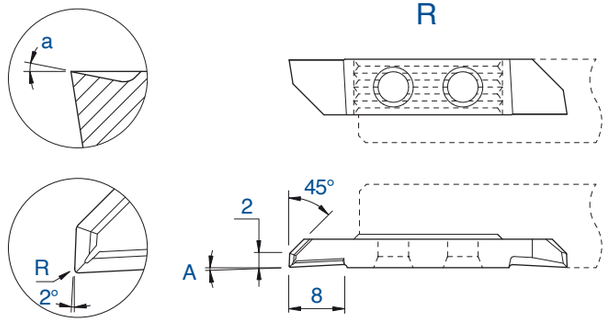


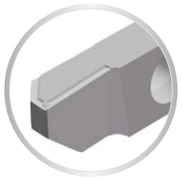


L	L1	L2	R	Art. N°	TiAlN	N (μk20)	HTA	HN (μk10)
9	6	6.9	0.08	762VUX10-29°-R08	●	●	●	●
9	6	6.7	0.15	762VUX10-29°-R15	●	●	●	●
9	6	6.1	0.35	762VUX10-29°-R35	●	●	●	●
9	6	4.9	0.75	762VUX10-29°-R75	●	●	●	●

7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang





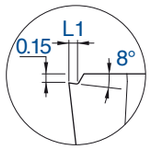
a	A	R	Art. N°	TiAlN	TiN	N (μk20)
10°	3°	0.08	762ZX10-R08	●		
	3°	0.20	762ZX10-R20	●	●	

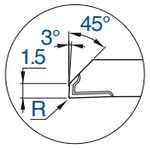


Arête de coupe honée
Gehonte Schneidkante
Honed edge

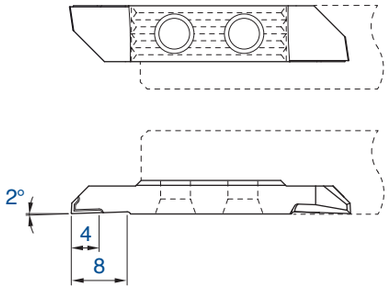
f min: 0.02mm/U

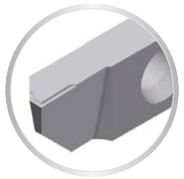
7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





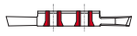
R





L1	R	Art . N°	R KCR	R KN (µk10-20)
0.24	0.03	762ZF-X824-R03	●	●
0.36	0.08	762ZF-X836-R08	●	●
0.48	0.08	762ZF-X848-R08	●	●

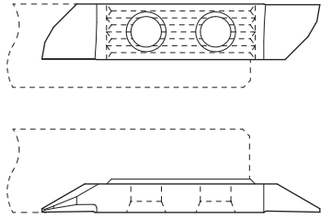
7XX-XX-B



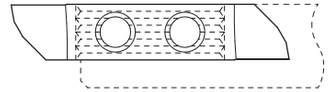
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

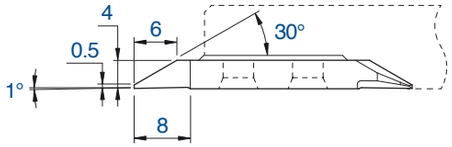
Zurück zum Kapitelanfang

L



R







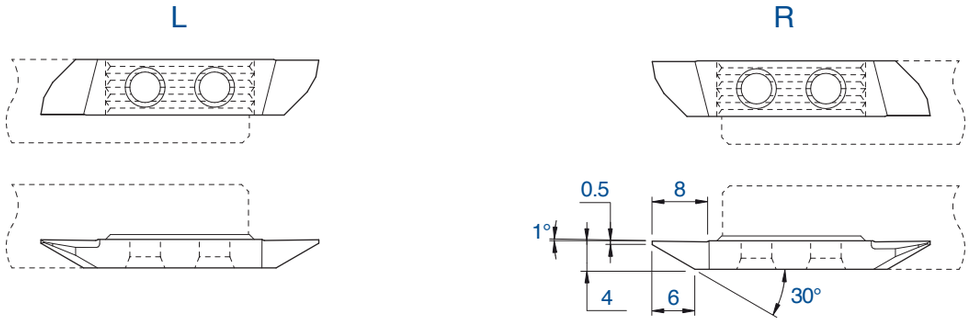
Tournage avant
Vorwärts drehen
Front turning

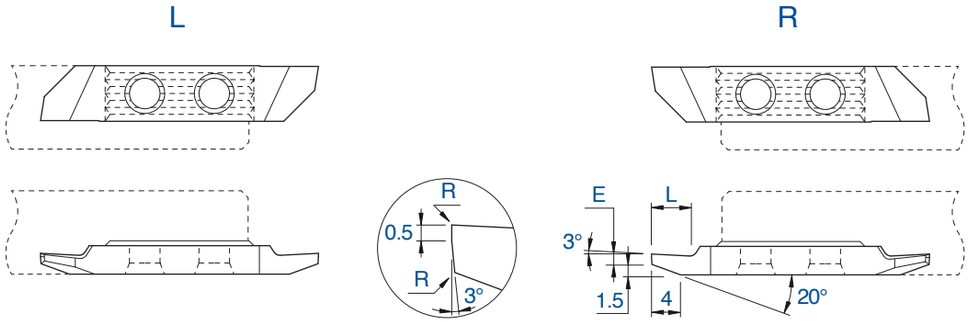
L Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	R Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
752S05	●	●	●	●		●	762S05	●	●	●	●	●	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05







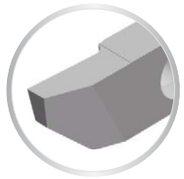
Tournage arrière
Rückwärts drehen
Back turning

L

Art. N°	P M N S	P M N	P S	P M N S	P M N	P N S
	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
753S05	●	●	●	●	●	●

R

Art. N°	P M N S	P M S	P M N	P S	P M N S	P M N	P N S
	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
763S05	●	●	●	●	●	●	●



L

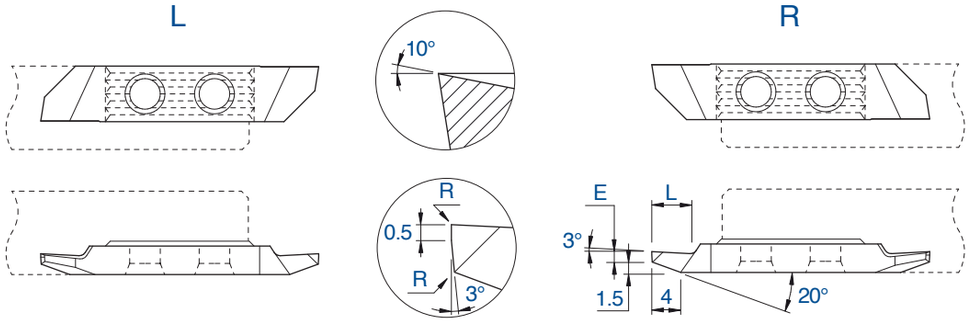
E	L	R	Art. N°	P M N S	P M N	P S	P M N S	P M N	P N S
				TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	5	0	753-1.0	●	●	●	●		●
1.0	5	0.08	753-1.0-R08	●	●	●			
1.5	6	0	753-1.5	●	●	●			
2.0	7.5	0	753-2.0	●	●	●			
2.5	9	0	753-2.5	●	●	●			

R

Art. N°	P M N S	P M N	P S	P M N S	P M N	P N S
	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
763-1.0	●	●	●	●	●	●
763-1.0-R08	●	●	●	●		●
763-1.5	●	●	●	●		●
763-2.0	●	●	●	●		●
763-2.5	●	●	●	●		●

7XX-XX-B
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



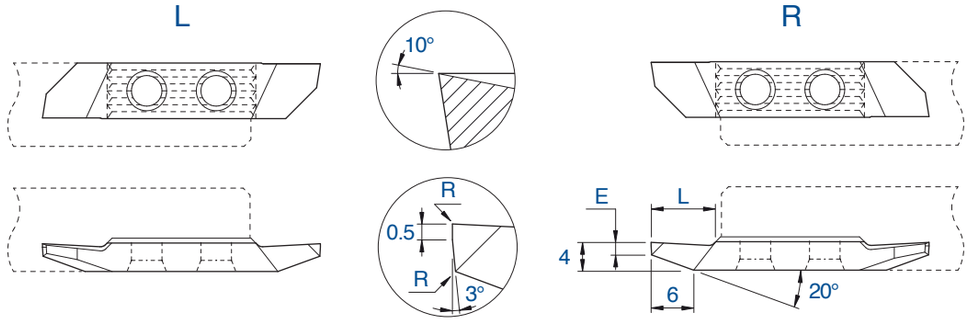


E	L	R	L Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	R Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	5	0	753X-1.0	●	●	●				763X-1.0	●	●	●	●		●
1.0	5	0.08	753X-1.0-R08	●	●	●	●		●	763X-1.0-R08	●	●	●	●		●
1.0	5	0.20	753X-1.0-R20	●	●	●				763X-1.0-R20	●	●	●			
1.5	6	0	753X-1.5	●	●	●				763X-1.5	●	●	●	●		●
1.5	6	0.20	753X-1.5-R20	●	●	●				763X-1.5-R20	●	●	●			
2.0	7.5	0	753X-2.0	●	●	●				763X-2.0	●	●	●			
2.0	7.5	0.20	753X-2.0-R20	●	●	●				763X-2.0-R20	●	●	●			
2.5	9	0	753X-2.5	●	●	●				763X-2.5	●	●	●			
2.5	9	0.20	753X-2.5-R20	●	●	●				763X-2.5-R20	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang

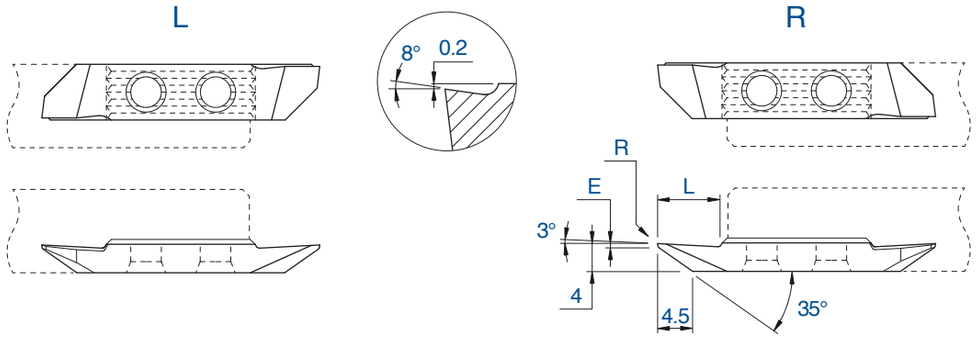


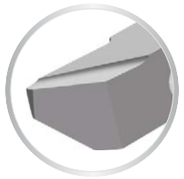


E	L	R	L Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	R Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.8	9	0	753XS-1.8	●	●	●				763XS-1.8	●	●	●	●		●
1.8	9	0.20	753XS-1.8-R20	●	●	●				763XS-1.8-R20	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



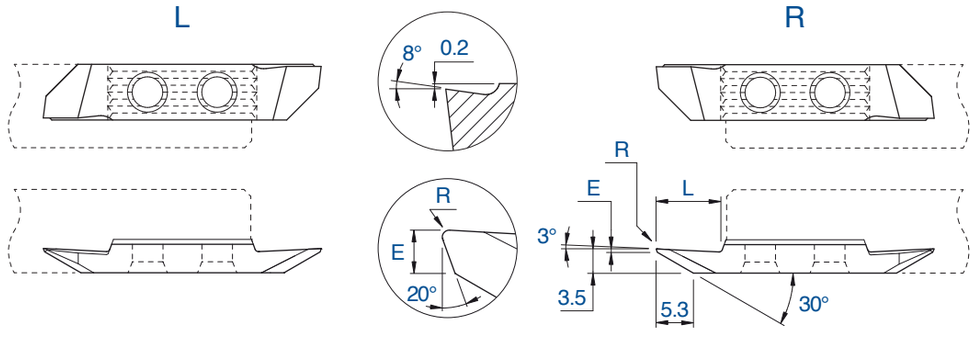


			L							R						
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
1.0	9	0	753VX-8°	●	●	●				763VX-8°	●	●	●	●	●	●
1.0	9	0.08	753VX-8°-R08	●	●	●				763VX-8°-R08	●	●	●	●		●
1.0	9	0.20	-							763VX-8°-R20	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang

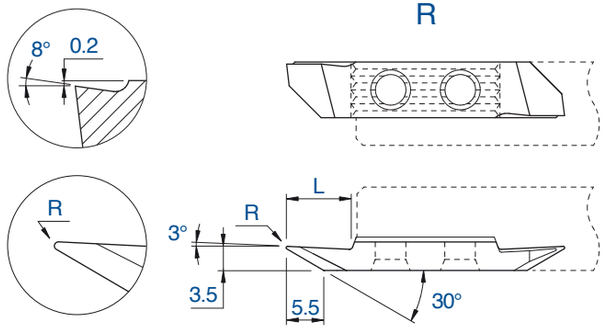




			L							R						
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.5	9	0.08	753VX-805-R08	●	●	●	●		●	763VX-805-R08	●	●	●	●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

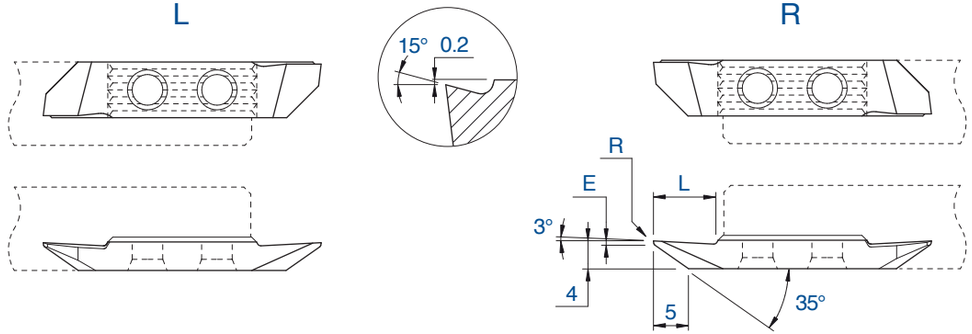




L	R	Art. N°	R					
			TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
9	0.08	763VX-800-R08	●	●	●	●		●
9	0.20	763VX-800-R20	●	●	●	●		●

7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

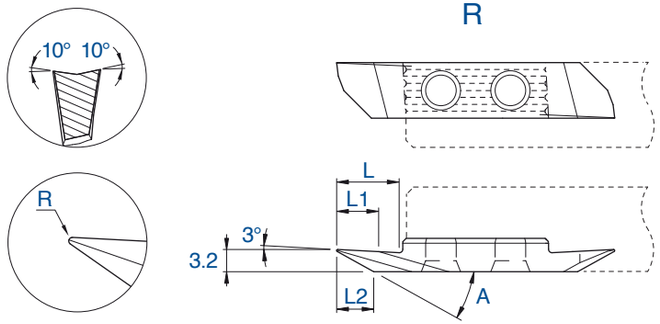
Zurück zum Kapitelanfang





E	L	R	L						R					
			Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.6	9	0	753VX-15°	●	●	●				763VX-15°	●	●	●	●		●
0.6	9	0.08	753VX-15°-R08	●	●	●				763VX-15°-R08	●	●	●	●		●

7XX-XX-B Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



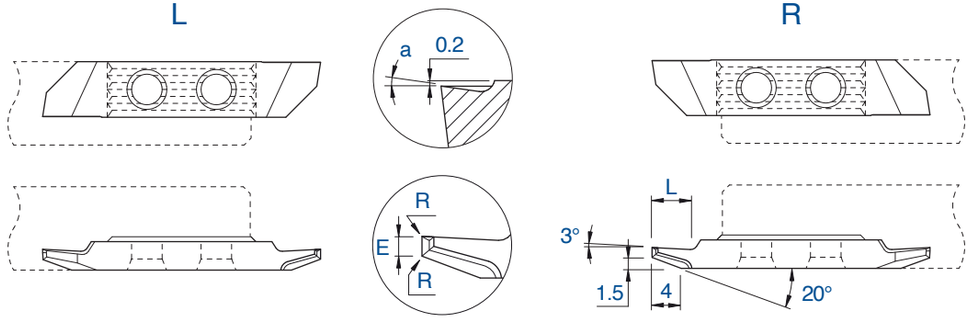


L	L1	L2	A	R	Art. N°	TiAlN	N (µk20)	HTA	HN (µk10)
9	6	5.6	29°	0.05	763VUX10-29°-R05	●	●	●	●
9	6	5.5	29°	0.08	763VUX10-29°-R08	●	●	●	●
9	6	5.3	29°	0.15	763VUX10-29°-R15	●	●	●	●
9	6	4.7	29°	0.35	763VUX10-29°-R35	●	●	●	●
9	6	3.6	29°	0.75	763VUX10-29°-R75	●	●	●	●
9	6	4.2	35°	0.15	763VUX10-35°-R15	●	●	●	●
9	6	3.8	35°	0.35	763VUX10-35°-R35	●	●	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang





Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control

a	E	L	R	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
10°	1.0	5	0.01	753ZX10-1.0	●			763ZX10-1.0	●	●	
	1.0	5	0.08	-				763ZX10-1.0-R08	●	●	
	1.0	5	0.20	-				763ZX10-1.0-R20	●	●	

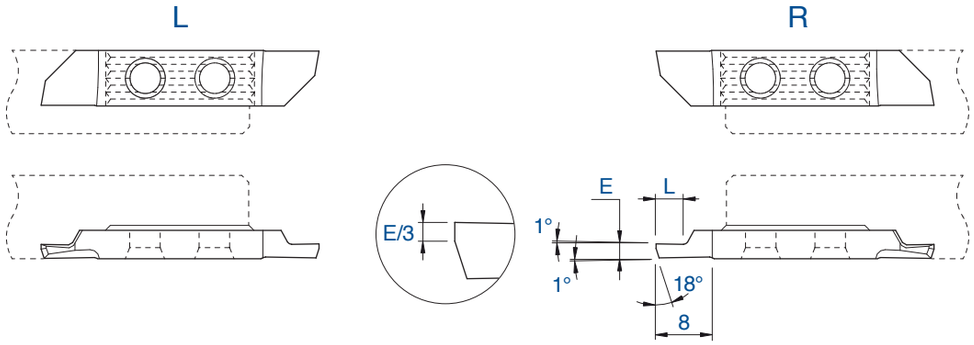


Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



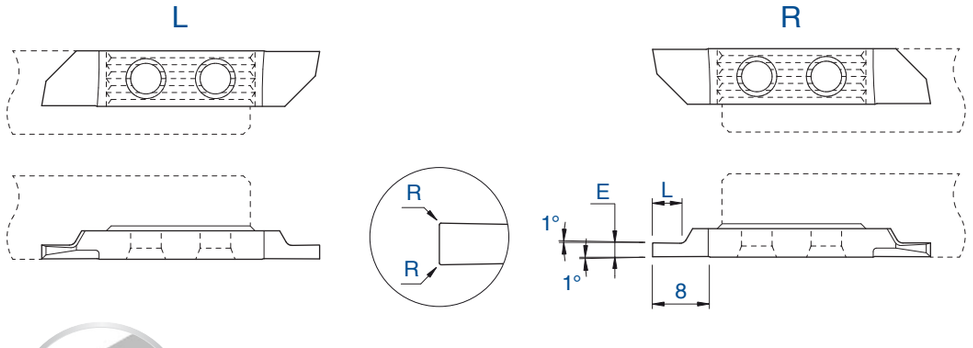


		L				R			
E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
1.5	3	753P-1.5	●	●	●	763P-1.5	●	●	●
1.8	3.5	753P-1.8	●	●	●	763P-1.8	●	●	●
2.0	4	753P-2.0	●	●	●	763P-2.0	●	●	●
2.2	5	753P-2.2	●	●	●	763P-2.2	●	●	●
2.5	6	753P-2.5	●	●	●	763P-2.5	●	●	●
3.0	6	753P-3.0	●	●	●	763P-3.0	●	●	●

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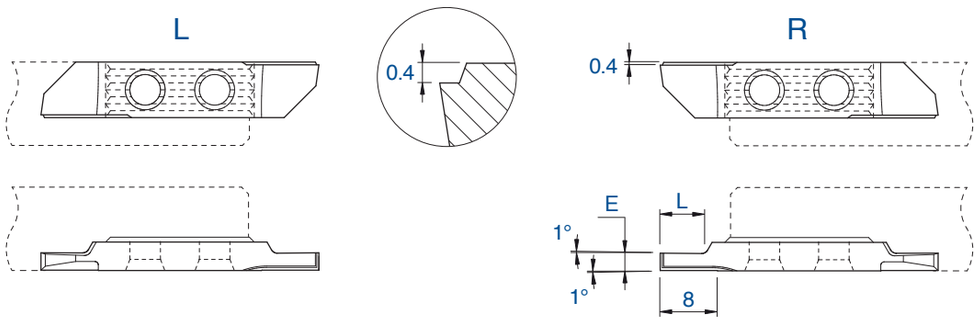
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

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			L						R					
E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiAlX	TiN	N (µk20)	HTA	HTiN	HN (µk10)
0.5	1.5	0	754-0.5	●	●	●				764-0.5	●	●	●	●	●	●	●
0.75	2	0	754-0.75	●	●	●				764-0.75	●	●	●	●			
0.8	2	0	-							764-0.8	●	●	●	●	●		●
0.95	3	0	754-0.95	●	●	●	●		●	764-0.95	●	●	●	●			
1.0	2.5	0	754-1.0	●	●	●	●		●	764-1.0	●	●	●	●	●	●	●
1.0	2.5	0.08	754-1.0-R08	●	●	●				764-1.0-R08	●	●	●	●	●		●
1.2	3	0	754-1.2	●	●	●				764-1.2	●	●	●	●	●		●
1.5	3	0	754-1.5	●	●	●	●		●	764-1.5	●	●	●	●	●	●	●
1.5	3	0.08	754-1.5-R08	●	●	●	●		●	764-1.5-R08	●	●	●	●	●		●
1.5	3	0.15	-							764-1.5-R15	●	●		●	●		●
1.5	3	0.20	-							764-1.5-R20	●	●	●	●	●	●	●
1.8	4	0	754-1.8	●	●	●				764-1.8	●	●	●	●			
2.0	4	0	754-2.0	●	●	●	●	●	●	764-2.0	●	●	●	●	●	●	●
2.0	4	0.08	754-2.0-R08	●	●	●	●		●	764-2.0-R08	●	●	●	●	●		●
2.0	4	0.15	-							764-2.0-R15	●	●		●	●		●
2.0	4	0.20	754-2.0-R20	●	●	●				764-2.0-R20	●	●	●	●	●	●	●
2.5	6	0	754-2.5	●	●	●				764-2.5	●	●	●	●	●		●
2.5	6	0.15	-							764-2.5-R15	●	●		●	●		●
2.5	6	0.20	-							764-2.5-R20	●	●	●	●	●		●
3.0	6	0	754-3.0	●	●	●	●		●	764-3.0	●	●	●	●	●		●
3.0	6	0.08	754-3.0-R08	●	●	●				764-3.0-R08	●	●	●	●	●		●
3.0	6	0.15	-							764-3.0-R15	●	●		●	●		●
3.0	6	0.20	754-3.0-R20	●	●	●	●		●	764-3.0-R20	●	●	●	●			
4.0	8	0	754-4.0	●	●	●	●	●	●	764-4.0	●	●	●	●	●		●



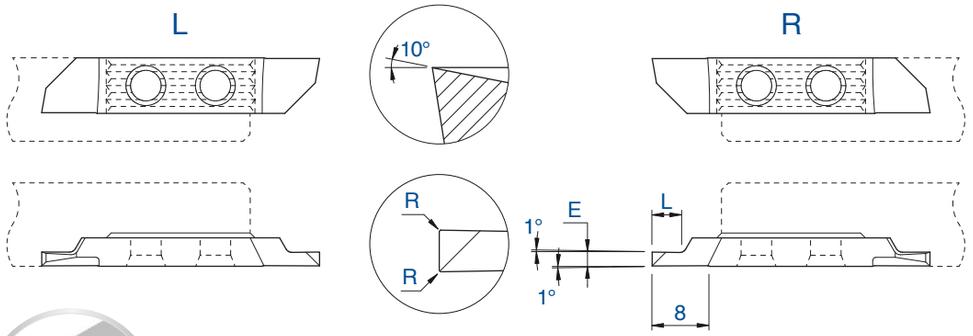


E	L	Art. N°	L: TiAlN	L: TiN	L: N (µk20)	L: HTA	L: HTiN	L: HN (µk10)	Art. N°	R: TiAlN	R: TiN	R: N (µk20)	R: HTA	R: HTiN	R: HN (µk10)
1.0	2	754VS-1.0	●	●	●				764VS-1.0	●	●	●			
1.2	2.5	754VS-1.2	●	●	●	●		●	764VS-1.2	●	●	●			
1.5	3	754VS-1.5	●	●	●				764VS-1.5	●	●	●			
2.0	4	754VS-2.0	●	●	●				764VS-2.0	●	●	●			
2.5	6	754VS-2.5	●	●	●				764VS-2.5	●	●	●	●		●
3.0	6	754VS-3.0	●	●	●				764VS-3.0	●	●	●			

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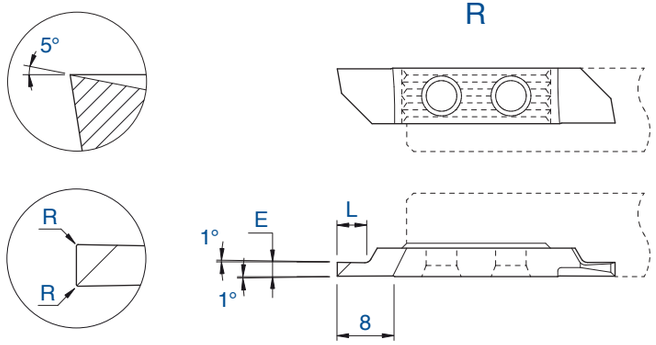
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

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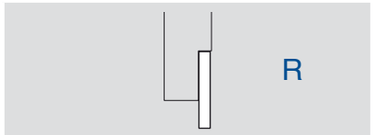




E	L	R	L: Art. N°	L: TiAlN	L: TiN	L: N (µk20)	L: HTA	L: HTiN	L: HN (µk10)	R: Art. N°	R: ST	R: TiAlN	R: TiAlX	R: TiN	R: N (µk20)	R: HTA	R: HTiN	R: HN (µk10)
1.0	2.5	0	754X-1.0	●	●	●	●	●	●	764X-1.0		●	●	●	●	●		●
1.0	2.5	0.08	754X-1.0-R08	●	●	●	●		●	764X-1.0-R08	●	●	●	●	●	●	●	●
1.0	2.5	0.20	-							764X-1.0-R20	●	●	●	●	●			
1.2	3	0	754X-1.2	●	●	●				764X-1.2		●	●	●	●	●		●
1.2	3	0.08	-							764X-1.2-R08	●	●	●	●	●			
1.5	3	0	754X-1.5	●	●	●	●		●	764X-1.5		●	●	●	●	●	●	●
1.5	3	0.08	754X-1.5-R08	●	●	●	●		●	764X-1.5-R08	●	●	●	●	●	●		●
1.5	3	0.15	-							764X-1.5-R15	●	●	●		●	●		●
1.5	3	0.20	754X-1.5-R20	●	●	●				764X-1.5-R20	●	●	●	●	●	●	●	●
1.8	4	0	754X-1.8	●	●	●				764X-1.8		●	●	●	●	●		●
1.8	4	0.20	-							764X-1.8-R20	●	●	●	●	●			
2.0	4	0	754X-2.0	●	●	●	●		●	764X-2.0		●	●	●	●	●	●	●
2.0	4	0.08	754X-2.0-R08	●	●	●	●		●	764X-2.0-R08	●	●	●	●	●	●	●	●
2.0	4	0.15	-							764X-2.0-R15	●	●	●		●	●		●
2.0	4	0.20	754X-2.0-R20	●	●	●	●		●	764X-2.0-R20	●	●	●	●	●	●		●
2.0	4	0.35	-							764X-2.0-R35	●	●	●		●	●		●
2.5	6	0	754X-2.5	●	●	●	●	●	●	764X-2.5		●	●	●	●	●	●	●
2.5	6	0.15	-							764X-2.5-R15	●	●	●		●	●		●
2.5	6	0.20	754X-2.5-R20	●	●	●	●		●	764X-2.5-R20	●	●	●	●	●	●		●
2.5	6	0.35	-							764X-2.5-R35	●	●	●		●	●		●
3.0	6	0	754X-3.0	●	●	●				764X-3.0		●	●	●	●	●		●
3.0	6	0.08	754X-3.0-R08	●	●	●				764X-3.0-R08	●	●	●	●	●	●		●
3.0	6	0.15	-							764X-3.0-R15	●	●	●	●	●	●		●
3.0	6	0.20	754X-3.0-R20	●	●	●				764X-3.0-R20	●	●	●	●	●	●		●
3.0	6	0.35	-							764X-3.0-R35	●	●	●		●	●		●
4.0	8	0	754X-4.0	●	●	●				764X-4.0		●	●	●	●	●		●
4.0	8	0.20	754X-4.0-R20	●	●	●				764X-4.0-R20	●	●	●	●	●	●		●
4.0	8	0.35	-							764X-4.0-R35	●	●	●		●	●		●





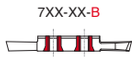


E	L	R	Art. N°	ST	TiAlN	TiAlX	TiN	N (µK20)
1.5	3	0.08	764X5-1.5-R08-EP	●	●	●	●	●
2.0	4	0.08	764X5-2.0-R08-EP	●	●	●	●	●
2.5	6	0.08	764X5-2.5-R08-EP	●	●	●	●	●
2.5	6	0.15	764X5-2.5-R15-EP	●	●	●	●	●
3.0	6	0.08	764X5-3.0-R08-EP	●	●	●	●	●
3.0	6	0.15	764X5-3.0-R15-EP	●	●	●	●	●
4.0	8	0.15	764X5-4.0-R15-EP	●	●	●	●	●
4.0	8	0.35	764X5-4.0-R35-EP	●	●	●	●	●



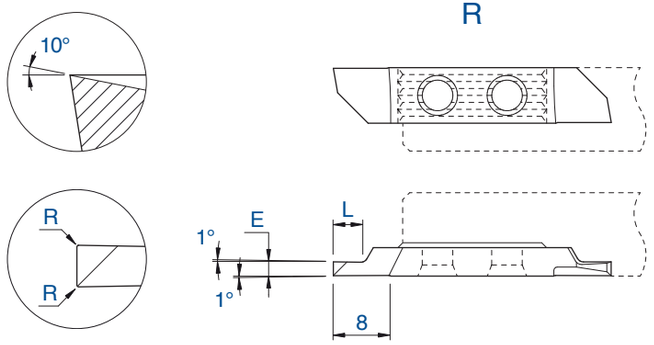
Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

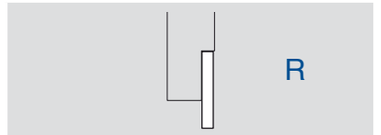


Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
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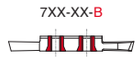


E	L	R	Art. N°	ST	TiAlN	TiAlX	TiN	N (µK20)
1.5	3	0.08	764X10-1.5-R08-EP	●	●	●	●	●
2.0	4	0.08	764X10-2.0-R08-EP	●	●	●	●	●
2.5	6	0.08	764X10-2.5-R08-EP	●	●	●	●	●
2.5	6	0.15	764X10-2.5-R15-EP	●	●	●	●	●
3.0	6	0.08	764X10-3.0-R08-EP	●	●	●	●	●
3.0	6	0.15	764X10-3.0-R15-EP	●	●	●	●	●
4.0	8	0.15	764X10-4.0-R15-EP	●	●	●	●	●
4.0	8	0.35	764X10-4.0-R35-EP	●	●	●	●	●

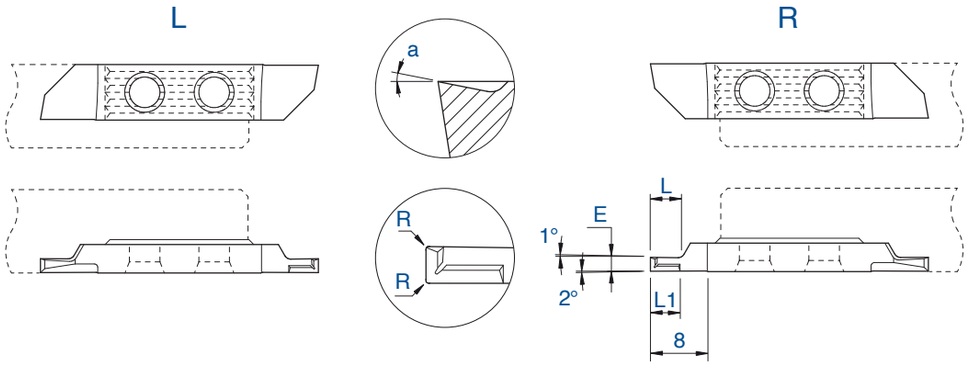


Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U



Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control



Arête de coupe honée
Gehonte Schneidkante
Honed edge

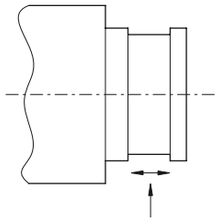
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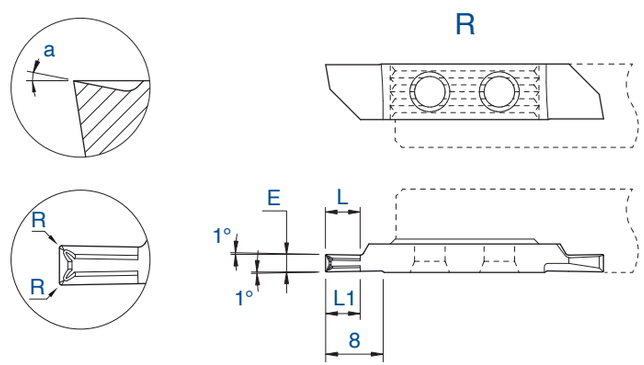
						L							R							
a	E	L	L1	R	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HAC	HN (µK10)	Art. N°	TiAlN	TiAlX	TiN	N (µK20)	HTA	HTiN	HAC	HN (µK10)
10°	1.5	4	4	0.03	754ZX10-1.5-R03	●							764ZX10-1.5-R03	●	●	●					
	1.5	4	4	0.08	754ZX10-1.5-R08	●							764ZX10-1.5-R08	●	●	●					
	2.0	4	4	0.08	754ZX10-2.0-R08	●							764ZX10-2.0-R08	●	●	●					
	2.0	4	4	0.20	-								764ZX10-2.0-R20	●	●	●					
	2.5	5	5	0.08	754ZX10-2.5-R08	●	●						764ZX10-2.5-R08	●	●	●					
	2.5	5	5	0.20	-								764ZX10-2.5-R20	●	●	●					
	3.0	6	6	0.08	754ZX10-3.0-R08	●							764ZX10-3.0-R08	●	●	●					
	3.0	6	6	0.20	-								764ZX10-3.0-R20	●	●	●					
	4.0	6	6	0.20	-								764ZX10-4.0-R20	●	●						
25°	2.0	4	4	0.08	-								764ZX25-2.0-R08					●		●	
	2.0	4	4	0.20	-								764ZX25-2.0-R20					●		●	
	2.5	5	5	0.08	-								764ZX25-2.5-R08					●		●	
	2.5	5	5	0.20	-								764ZX25-2.5-R20					●		●	

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

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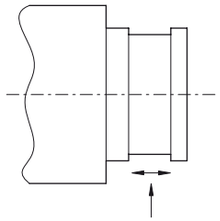
Arête de coupe honée
Gehonte Schneidkante
Honed edge

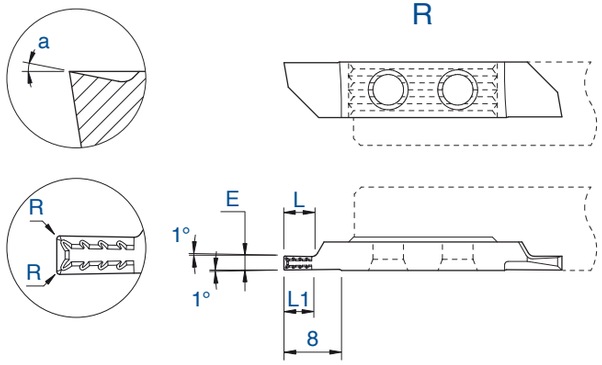
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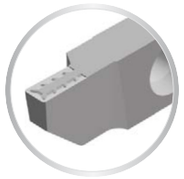
					R						
a	E	L	L1	R	Art. N°	ST	TiAlN	TiAlX	TiN	N (µK20)
10°	1.5	4	4	0.08	764ZXB10-1.5-R08	●	●	●		
	2.0	4	4	0.08	764ZXB10-2.0-R08	●	●	●		
	2.0	4	4	0.15	764ZXB10-2.0-R15	●	●	●		
	2.0	4	4	0.35	764ZXB10-2.0-R35	●	●	●		
	2.5	5	5	0.08	764ZXB10-2.5-R08	●	●	●		
	2.5	5	5	0.15	764ZXB10-2.5-R15	●	●	●		
	2.5	5	5	0.35	764ZXB10-2.5-R35	●	●	●		
	3.0	6	6	0.08	764ZXB10-3.0-R08	●	●	●		
	3.0	6	6	0.15	764ZXB10-3.0-R15	●	●	●		
	3.0	6	6	0.35	764ZXB10-3.0-R35	●	●	●		

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05







Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control



Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

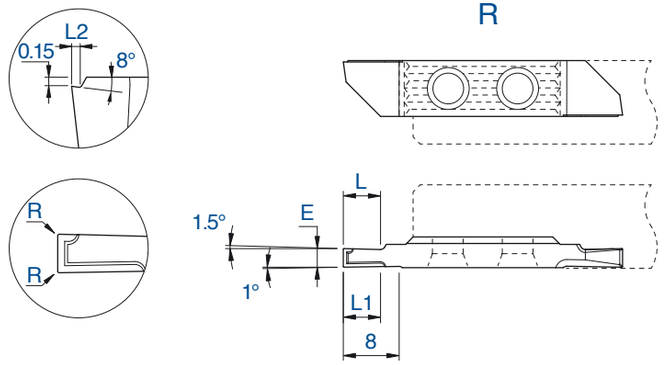
L R

a	E	L	L1	R	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	ST	TiAlN	TiAlX	TiN	N (µk20)	HTA	HN (µk10)
	1.5	4	4	0.03	-				764ZXT10-1.5-R03	●	●	●				
	1.5	4	4	0.08	754ZXT10-1.5-R08	●			764ZXT10-1.5-R08	●	●	●	●			
	1.5	4	4	0.20	754ZXT10-1.5-R20	●			-							
	2.0	4	4	0.08	754ZXT10-2.0-R08	●			764ZXT10-2.0-R08	●	●	●	●			
	2.0	4	4	0.20	754ZXT10-2.0-R20	●			764ZXT10-2.0-R20	●	●	●	●			
	2.0	4	4	0.40	-				764ZXT10-2.0-R40	●	●	●				
	2.5	5	5	0.08	754ZXT10-2.5-R08	●			764ZXT10-2.5-R08	●	●	●	●			
10°	2.5	5	5	0.20	754ZXT10-2.5-R20	●			764ZXT10-2.5-R20	●	●	●				
	2.5	5	5	0.40	-				764ZXT10-2.5-R40	●	●	●				
	3.0	6	6	0.08	754ZXT10-3.0-R08	●	●		764ZXT10-3.0-R08	●	●	●				
	3.0	6	6	0.20	-				764ZXT10-3.0-R20	●	●	●			●	
	3.0	6	6	0.40	-				764ZXT10-3.0-R40	●	●	●				
	4.0	8	8	0.20	-				764ZXT10-4.0-R20	●	●	●	●			
	4.0	8	8	0.40	-				764ZXT10-4.0-R40	●	●	●	●			
	4.0	8	8	0.80	-				764ZXT10-4.0-R80	●	●	●				

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang





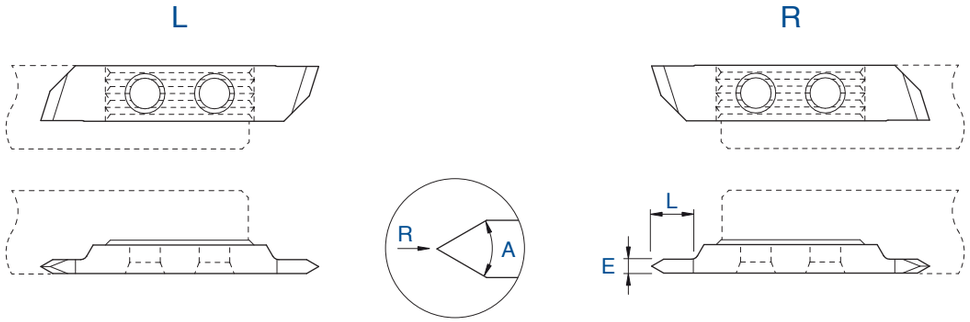
R

E	L	L1	L2	R	Art. N°	KCR	KN (µk10-20)
1.5	3	2.5	0.24	0.08	764ZF-X824-1.5-R08	●	●
1.5	3	2.5	0.36	0.08	764ZF-X836-1.5-R08	●	●
2.0	4	3	0.24	0.08	764ZF-X824-2.0-R08	●	●
2.0	4	3	0.36	0.08	764ZF-X836-2.0-R08	●	●
2.0	4	3	0.48	0.15	764ZF-X848-2.0-R15	●	●
2.5	6	4	0.24	0.08	764ZF-X824-2.5-R08	●	●
2.5	6	4	0.36	0.08	764ZF-X836-2.5-R08	●	●
2.5	6	4	0.48	0.15	764ZF-X848-2.5-R15	●	●
3.0	6	4	0.36	0.08	764ZF-X836-3.0-R08	●	●
3.0	6	4	0.48	0.15	764ZF-X848-3.0-R15	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Filetage
Gewinde drehen
Threading



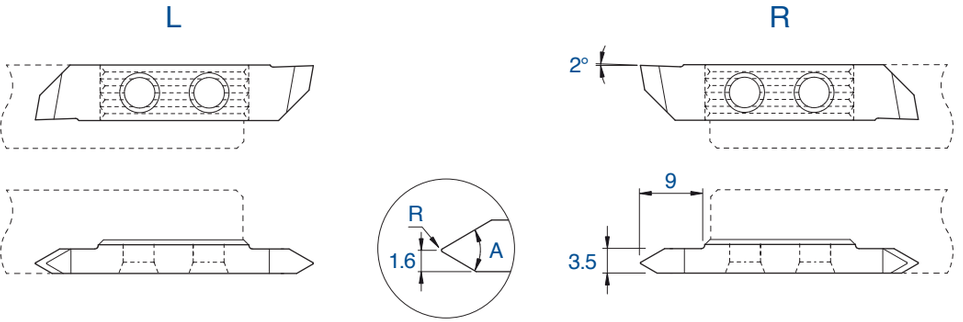


Profil partiel
Teilprofil
Partial profile

				L						R					
A	E	L	R	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HTiN	HN (µk10)
60°	2.0	6	0	756-60-2.0	●	●	●				766-60-2.0	●	●	●			
60°	2.0	6	0.02	756-60-2.0-R02	●	●	●	●		●	766-60-2.0-R02	●	●	●	●		●
60°	3.0	8	0	756-60-3.0	●	●	●				766-60-3.0	●	●	●			
60°	3.0	8	0.02	756-60-3.0-R02	●	●	●	●		●	766-60-3.0-R02	●	●	●	●		●
55°	2.0	6	0	756-55-2.0	●	●	●				766-55-2.0	●	●	●			
55°	2.0	6	0.02	756-55-2.0-R02	●	●	●				766-55-2.0-R02	●	●	●			
55°	3.0	8	0	756-55-3.0	●	●	●				766-55-3.0	●	●	●			
55°	3.0	8	0.02	756-55-3.0-R02	●	●	●				766-55-3.0-R02	●	●	●			

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



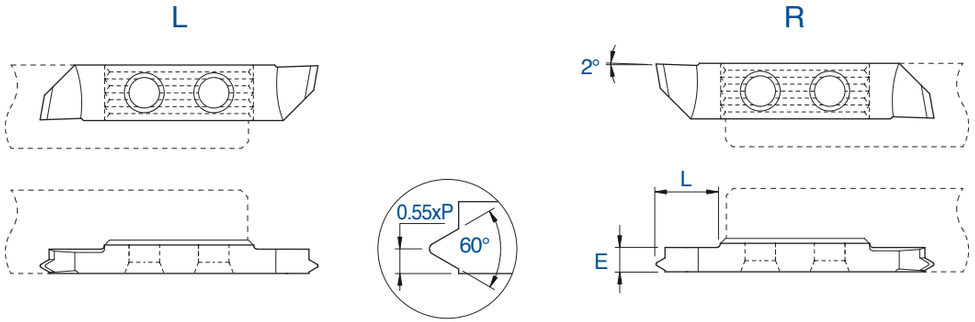


Profil partiel
Teilprofil
Partial profile

			L				R			
A	R	Pas Steigung Pitch P	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
60°	0.06	0.50-1.50	756-AG60°	●	●	●	766-AG60°	●	●	●
60°	0.20	1.75-3.00	756-G60°	●	●	●	766-G60°	●	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





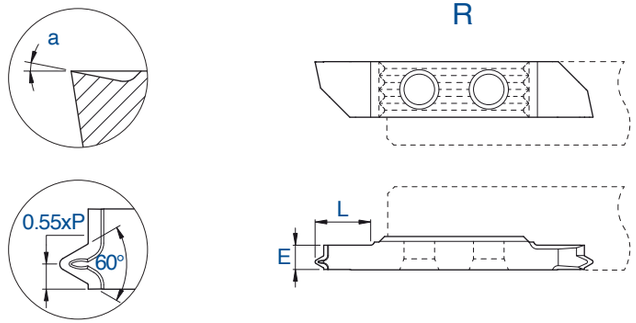
Profil complet métrique
Metrisches Vollprofil
Metric full profile

E	L	Pas Steigung Pitch P	Art. N°	TiAlN	TiN	N (µK20)	Art. N°	TiAlN	TiN	N (µK20)
			L				R			
2.5	8	0.80	756-M-0.80	●	●	●	766-M-0.80	●	●	●
2.5	8	1.00	756-M-1.00	●	●	●	766-M-1.00	●	●	●
2.5	8	1.25	756-M-1.25	●	●	●	766-M-1.25	●	●	●
3.5	9	1.50	756-M-1.50	●	●	●	766-M-1.50	●	●	●
3.5	9	1.75	756-M-1.75	●	●	●	766-M-1.75	●	●	●
3.5	9	2.00	756-M-2.00	●	●	●	766-M-2.00	●	●	●

Pour de plus petits pas, voir page 1.86
Für kleinere Steigungen, siehe Seite 1.86
For smaller pitches, see page 1.86

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





Profil partiel
Teilprofil
Partial profile

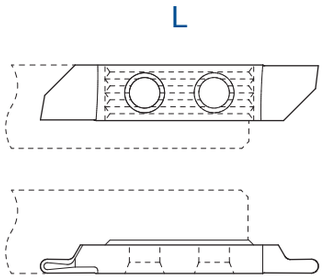
a	E	L	P	Art. N°	ST	TiAlN
				R		
10°	2.5	8	0.80	766ZX10-M-0.80	●	●
	2.5	8	1.00	766ZX10-M-1.00	●	●
	2.5	8	1.25	766ZX10-M-1.25	●	●
	3.5	9	1.50	766ZX10-M-1.50	●	●
	3.5	9	1.75	766ZX10-M-1.75	●	●
	3.5	9	2.00	766ZX10-M-2.00	●	●

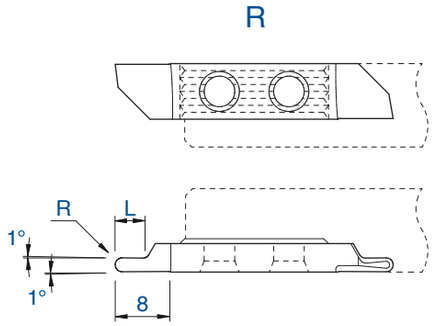


Arête de coupe honée
Gehonte Schneidkante
Honed edge

7XX-XX-B

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05



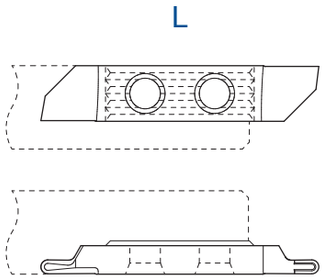


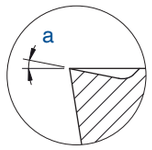


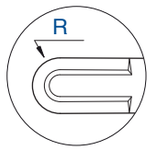
R	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
			L				R		
0.5	2.5	757-R0.5	●	●	●	767-R0.5	●	●	●
1.0	4	757-R1.0	●	●	●	767-R1.0	●	●	●
1.5	6	757-R1.5	●	●	●	767-R1.5	●	●	●
2.0	8	757-R2.0	●	●	●	767-R2.0	●	●	●

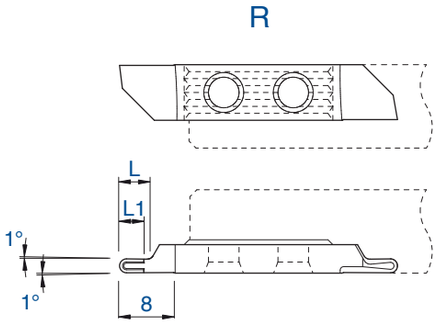
Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

Zurück zum Kapitelanfang











Pour un meilleur contrôle des copeaux
Für eine bessere Spankontrolle
For a better chip-control

a	R	L	L1	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)	HTA	HN (µk10)
				L				R					
10°	1.0	4	3.5	757ZX10-R1.0	●			767ZX10-R1.0	●	●			
	1.5	6	4.0	757ZX10-R1.5	●			767ZX10-R1.5	●	●			
	2.0	8	4.5	757ZX10-R2.0	●			767ZX10-R2.0	●	●		●	

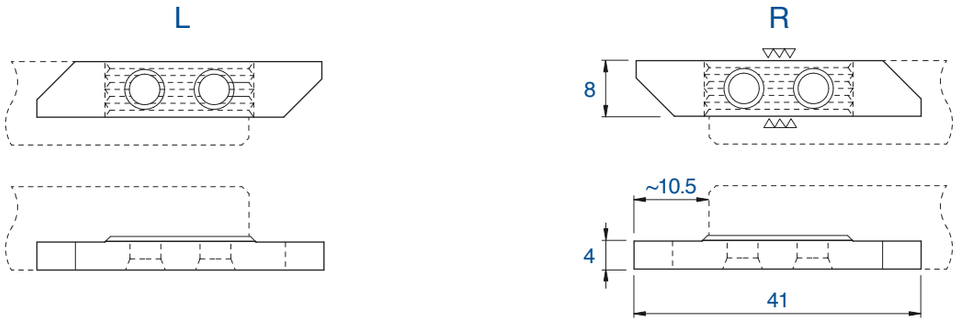


Arête de coupe honée
Gehonte Schneidkante
Honed edge

f min: 0.02mm/U

Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

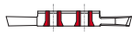
Plaquettes ébauches
WSP-Rohlinge
Blank inserts



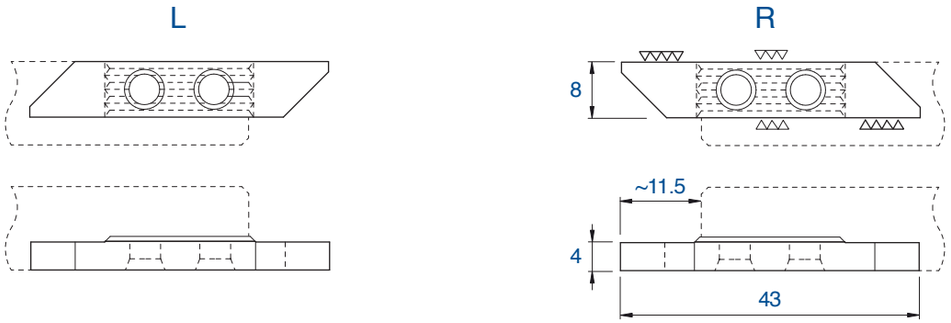


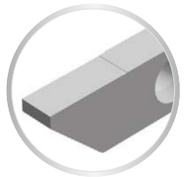
L			R		
Art. N°	N (µK20)	HN (µK10)	Art. N°	N (µK20)	HN (µK10)
751-E	●	●	761-E	●	●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05





Face de coupe polie
Polierte Schneidfläche
Polished cutting face

L						R					
Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)	Art. N°	TiAlN	TiN	N (µK20)	HTA	HTiN	HN (µK10)
751-EP	●	●	●	●		●	761-EP	●	●	●	●		●

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Sur demande pour serrage type B, voir page 1.05
Auf Anfrage für B-Spannsystem, siehe Seite 1.05
On request for B clamping system, see page 1.05

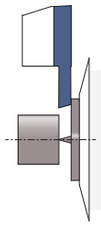
Index

TOP-Line

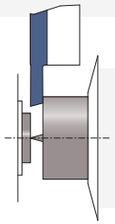
770 / 780

L			R		
Type		Page	Type		Page
770	770	1.166	780	780	1.167
	770-JET	1.167		780-JET	1.167
	770RC	1.168	781	781	1.169
771	771	1.169		781-E	1.175
	771-E	1.175		781L	1.171
	771R	1.171		781LXF	1.173
	771RD	1.174		781XF	1.170
	771RU	1.172			
	771RXF	1.173			
	771XF	1.170			

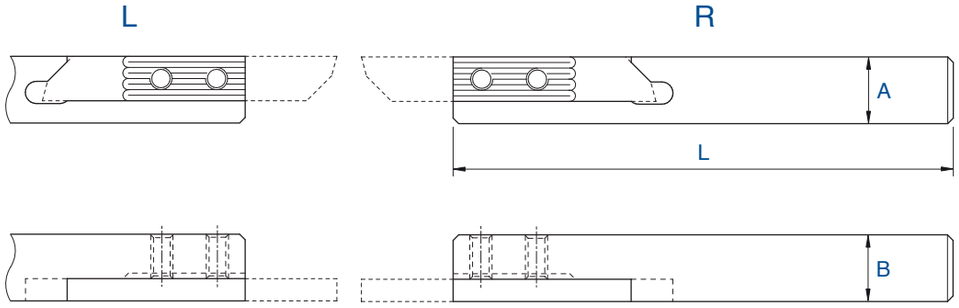
770 / 780
Porte-outils
Halter
Holders
> 1.166



771 / 781
Tronçonnage
Abstechen
Parting off
> 1.169



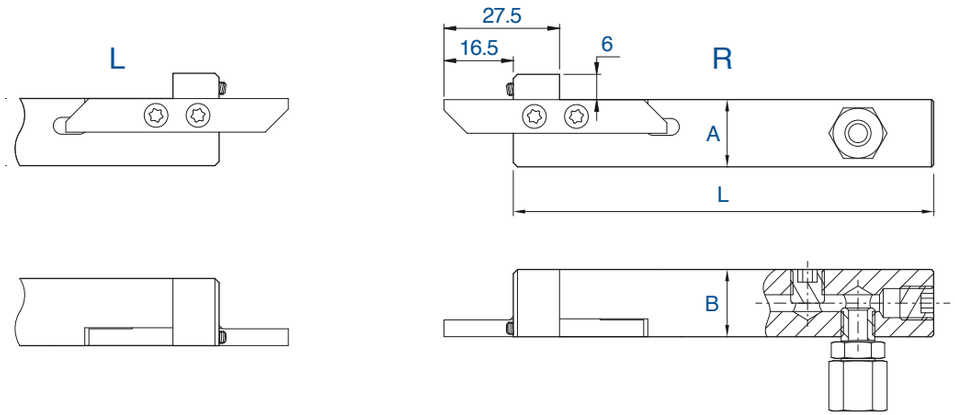
781L / 771R
Tronçonnage - coupe déportée
Abstechen - versetztes Schneiden
Parting off - cut off line
> 1.171



A x B	L	Serrage Spannsystem Clamping	L Art. N°	R Art. N°
10 x 10	115	A	770-10	780-10
12 x 12	130	A	770-12	780-12
12 x 12	90	A	770-12-90	780-12-90
12.7 x 12.7	130	A	770-12.7	780-12.7
14 x 14	130	A	770-14	780-14
16 x 16	130	A	770-16	780-16
16 x 16	75	A	770-16-75	780-16-75
20 x 20	120	A	770-20	780-20
25 x 25	140	A	770-25	780-25

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

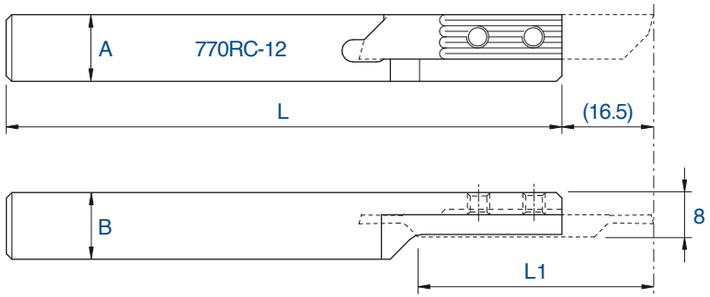
Zurück zum Kapitelanfang

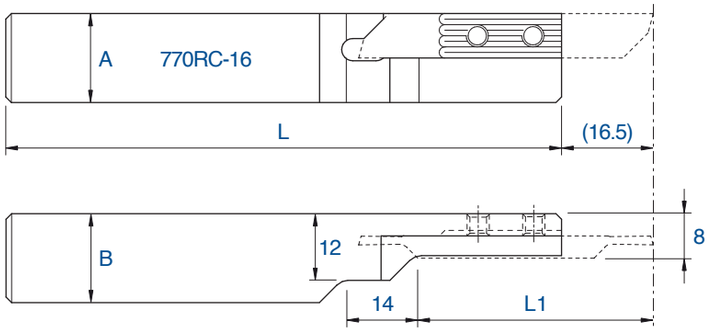


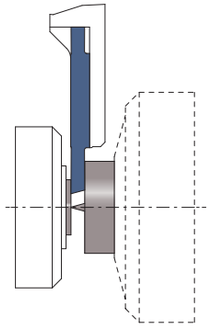
A x B	L	Serrage Spannsystem Clamping	L Art. N°	R Art. N°
16 x 16	100	A	770-16-JET	780-16-JET

Pièces de rechange Ersatzteile Spare parts	Art. N°	Art. N°	Buses Düsen Nozzles Art. N°
770-JET / 780-JET	J-M8X1-D6	JB-M8X1	JJ-M3X6-D1.5
			More option see JET-Line

Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws.
The keys must be ordered separately.







Utiliser des plaquettes type 771R
WSP Typ 771R verwenden
Use inserts type 771R

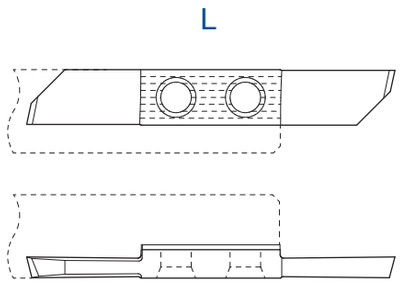
Voir pages 1.171 - 1.174
Siehe Seiten 1.171 - 1.174
See pages 1.171 - 1.174

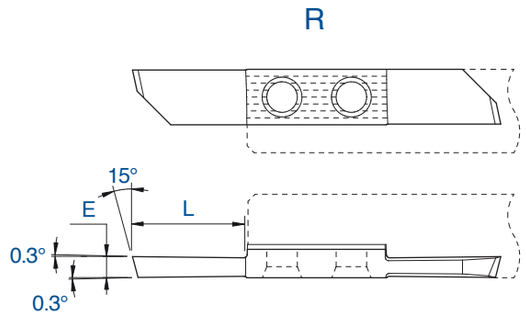
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

A x B	L	L1	Serrage Spannsystem Clamping	Art. N°
12 x 12	130	42	A	770RC-12
16 x 16	130	42	A	770RC-16

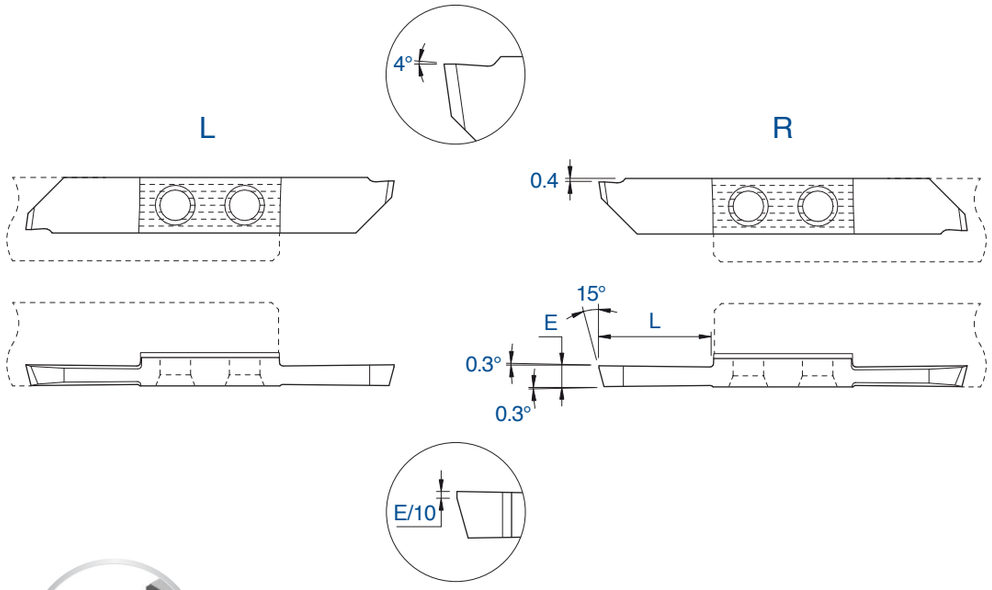
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

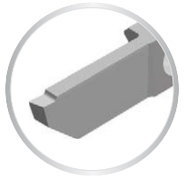






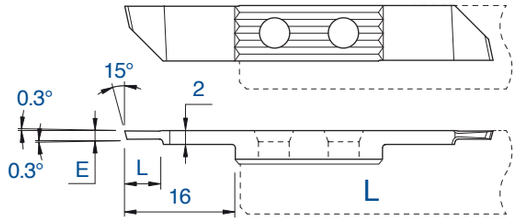
		L				R			
			P M N S	P M N	P		P M N S	P M N	P
E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
1.5	16	-				781-1.5	●	●	●
2.0	16	771-2.0	●	●	●	781-2.0	●	●	●
2.5	16	771-2.5	●	●	●	781-2.5	●	●	●
3.0	16	771-3.0	●	●	●	781-3.0	●	●	●
3.5	16	771-3.5	●	●	●	781-3.5	●	●	●





L						R			
E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
2.0	16	-				781XF-2.0	●	●	●
2.5	16	771XF-2.5	●	●	●	781XF-2.5	●	●	●
3.0	16	771XF-3.0	●	●	●	781XF-3.0	●	●	●
3.5	16	771XF-3.5	●	●	●	781XF-3.5	●	●	●

Cut R



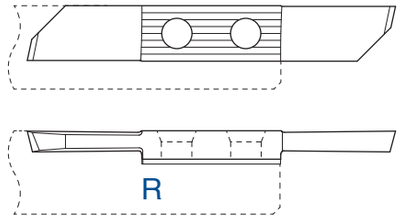


L (R)

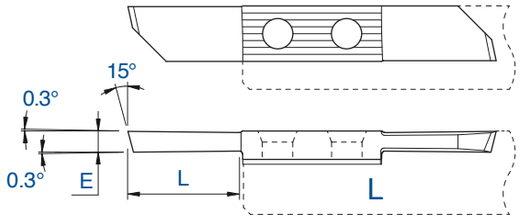
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

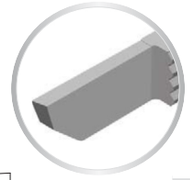
E	L	Art. N°	TiAlN	TiN	N (µk20)
1.0	5	771R-1.0	●	●	●
1.2	5	771R-1.2	●	●	●
1.5	8.5	771R-1.5	●	●	●

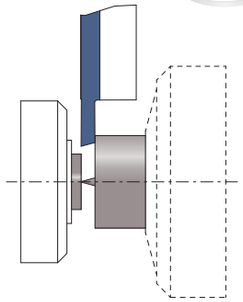
Cut L



Cut R







R (L)

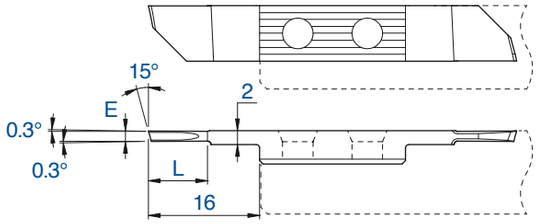
Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
2.0	16	781L-2.0	●	●	●	771R-2.0	●	●	●
2.5	16	781L-2.5	●	●	●	771R-2.5	●	●	●
3.0	16	781L-3.0	●	●	●	771R-3.0	●	●	●
3.5	16	781L-3.5	●	●	●	771R-3.5	●	●	●

Cut R

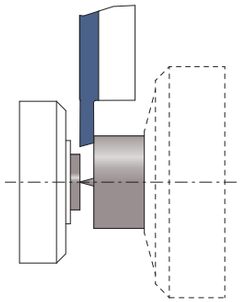




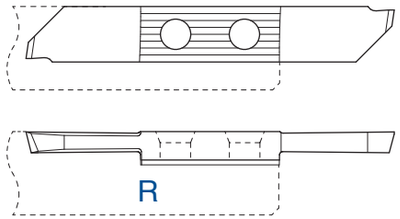
L (R)

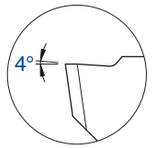
Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

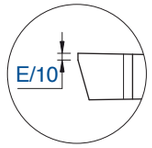
E	L	Art. N°	TiAlN	TiN	N (µk20)
1.0	5	771RU-1.0	●		●
1.5	8.5	771RU-1.5	●		●



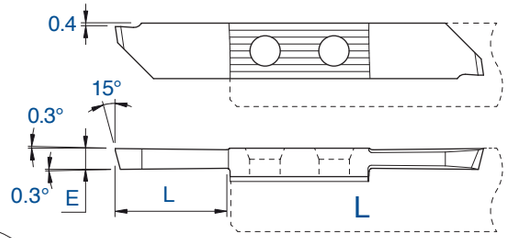
Cut L







Cut R





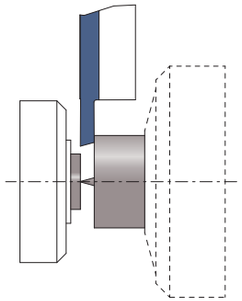
R (L)

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line

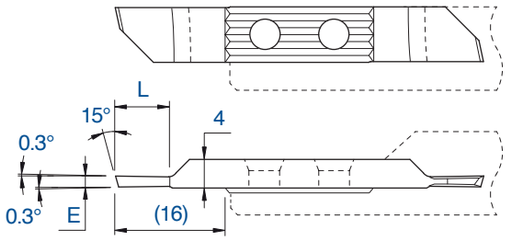
L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

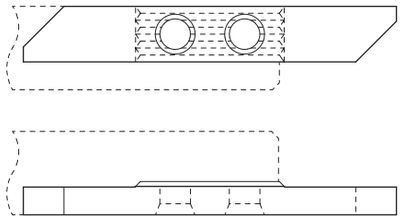
E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
2.0	16	-				771RXF-2.0	●	●	●
2.5	16	781LXF-2.5	●	●	●	771RXF-2.5	●	●	●
3.0	16	781LXF-3.0	●	●	●	771RXF-3.0	●	●	●
3.5	16	781LXF-3.5	●	●	●	771RXF-3.5	●	●	●



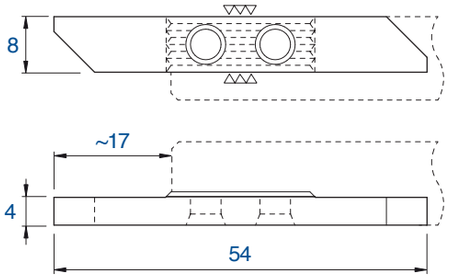
Cut R

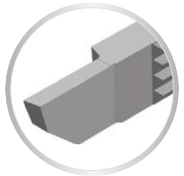


L



R



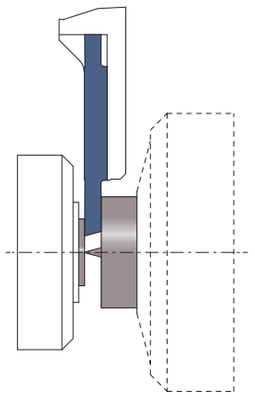


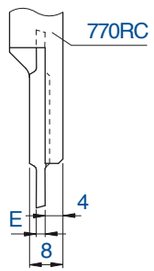


L (R)

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line

E	L	Art. N°	TiAlN	TiN	N (µK20)
1.2	5	771RD-1.2	●	●	●
1.5	7.5	771RD-1.5	●	●	●
2.0	10	771RD-2.0	●	●	●





L		R	
Art. N°	N (µK20)	Art. N°	N (µK20)
771-E	●	781-E	●

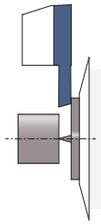
Index

TOP-Line

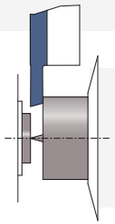
7050 / 7060

L			R		
Type		Page	Type		Page
7050	7050	1.178	7060	7060	1.178
	7051	1.179		7061	1.179
	7051-E	1.183		7061-E	1.183
	7051R	1.181		7061L	1.181
	7051RXF	1.182		7061LXF	1.182
	7051XF	1.180		7061XF	1.180

7050 / 7060
Porte-outils
Halter
Holders
> 1.178



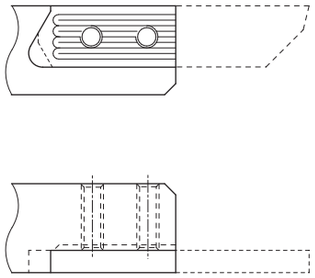
7051 / 7061
Tronçonnage
Abstechen
Parting off
> 1.179



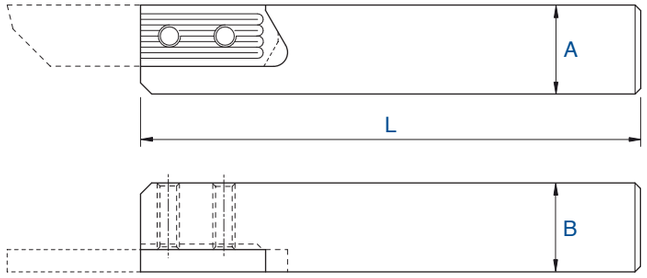
7051R / 7061L
Tronçonnage - coupe déportée
Abstechen - versetztes Schneiden
Parting off - cut off line
> 1.181

Plaquettes ébauches
WSP-Rohlinge
Blank inserts
> 1.183

L

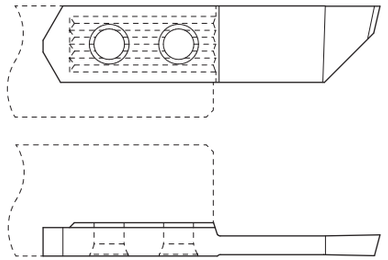


R

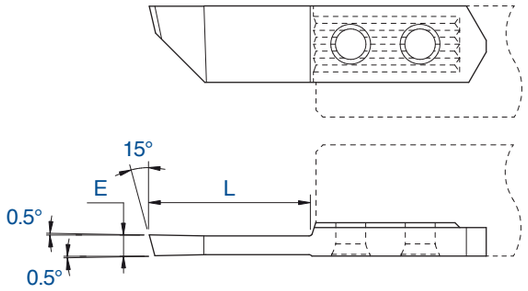


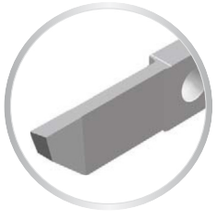
A x B	L	Serrage Spannsystem Clamping	L Art. N°	R Art. N°
16 x 16	130	A	7050-16	7060-16
16 x 16	75	A	7050-16-75	7060-16-75
20 x 20	120	A	7050-20	7060-20
25 x 25	140	A	7050-25	7060-25

L



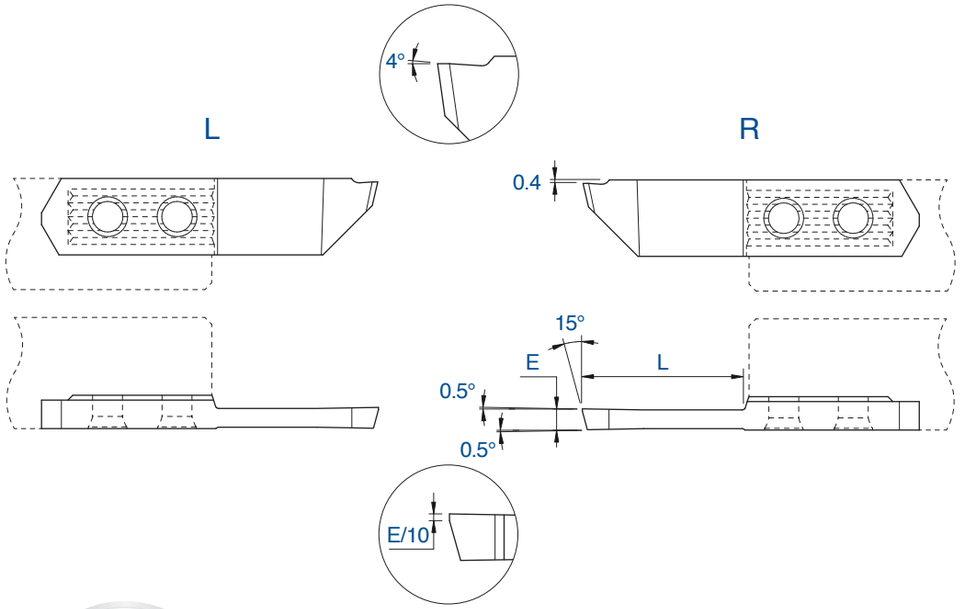
R

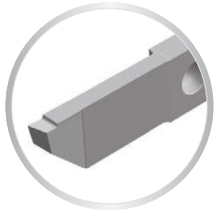




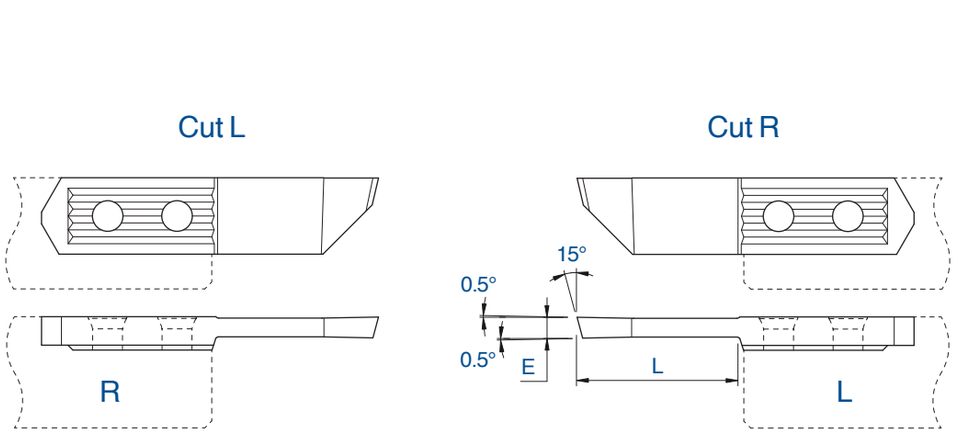
E	L	L Art. N°	L TiAlN	L TiN	L N (µK20)	R Art. N°	R TiAlN	R TiN	R N (µK20)
2.5	22	-				7061-2.5	●	●	●
3.0	22	7051-3.0	●	●	●	7061-3.0	●	●	●
3.5	22	-				7061-3.5	●	●	●

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

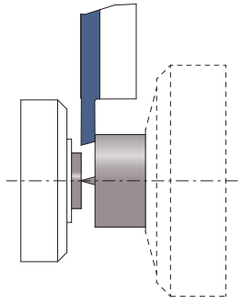




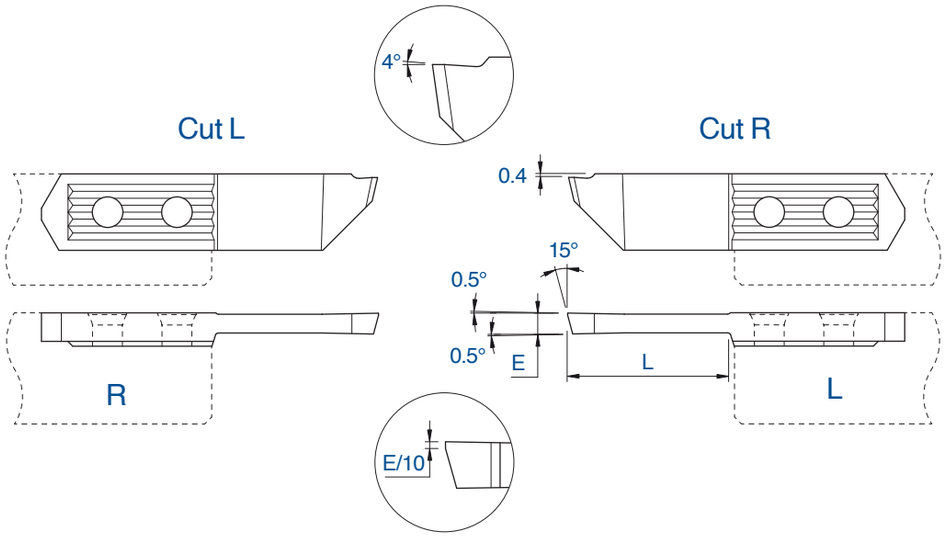
E	L	L Art. N°	P M N S	TiAlN	TiN	N (µK20)	R Art. N°	P M N S	TiAlN	TiN	N (µK20)
3.0	22	7051XF-3.0		●	●	●	7061XF-3.0		●	●	●

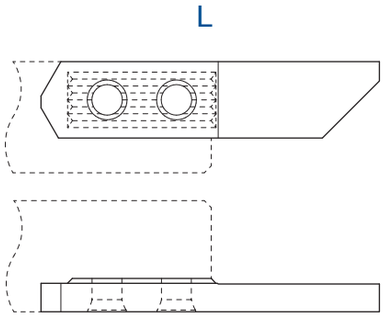


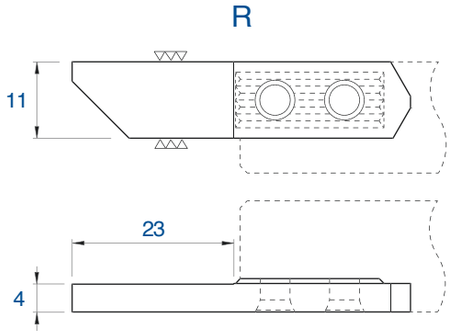


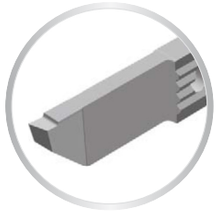


E	L	R (L) Coupe à gauche déportée Versetztes Linksschneiden Left cut off line Art. N°	P M N S	TiAlN	TiN	N (µK20)	L (R) Coupe à droite déportée Versetztes Rechtsschneiden Right cut off line Art. N°	P M N S	TiAlN	TiN	N (µK20)
2.5	22	-					7051R-2.5		●	●	●
3.0	22	7061L-3.0		●	●	●	7051R-3.0		●	●	●
3.5	22	-					7051R-3.5		●	●	●





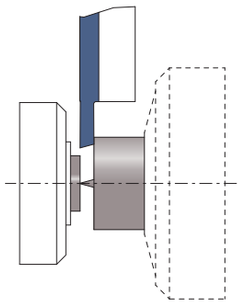




		R (L) Coupe à gauche déportée Versetztes Linksschneiden Left cut off line				L (R) Coupe à droite déportée Versetztes Rechtsschneiden Right cut off line			
E	L	Art. N°	TiAlN	TiN	N (µk20)	Art. N°	TiAlN	TiN	N (µk20)
3.0	22	7061LXF-3.0	●	●	●	7051RXF-3.0	●	●	●



L		R	
Art. N°	N (µk20)	Art. N°	N (µk20)
7051-E	●	7061-E	●



Index

TOP-Line

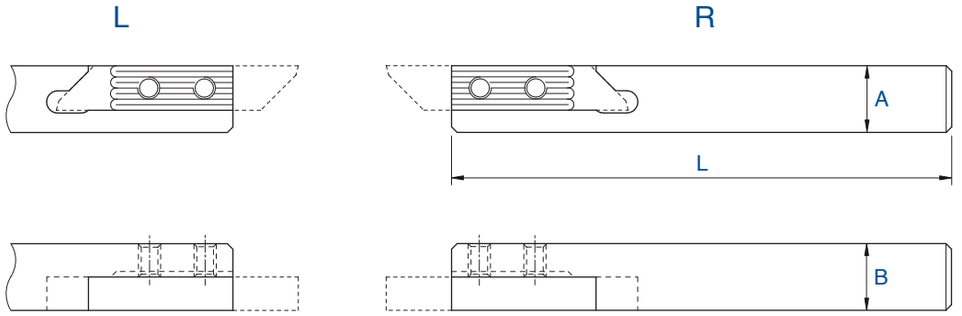
W750 / W760

L			R		
Type		Page	Type		Page
W750	W750	1.186	W760	W760	1.186
	W750-JET	1.187		W760-JET	1.187
W751	W751-E5	1.188	W761	W761-E5	1.188
	W751-E6	1.190		W761-E6	1.190
	W751-EP5	1.189		W761-EP5	1.189
	W751-EP6	1.191		W761-EP6	1.191

W750 / W760
Porte-outils
Halter
Holders
> 1.186

W750-JET / W760-JET
Porte-outils avec arrosage intégré
Halter mit integrierter Kühlmittelzufuhr
Holders with integrated coolant supply
> 1.187

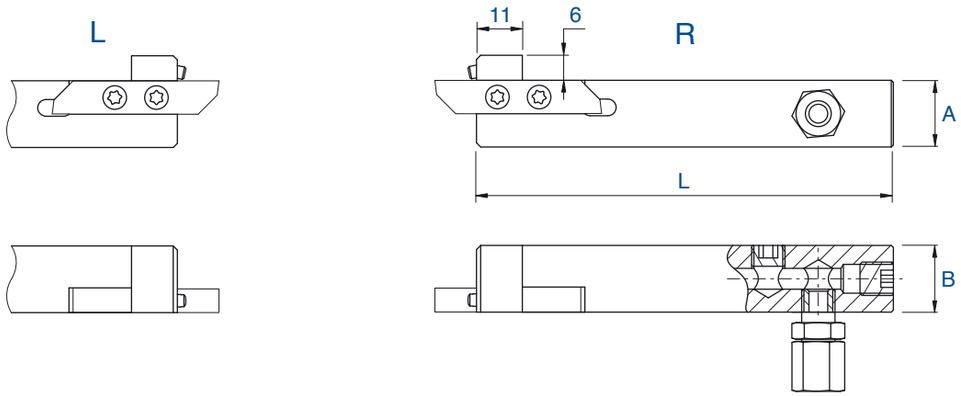
W751-E / W761-E
Plaquettes ébauches
WSP-Rohlinge
Blank inserts
> 1.188



A x B	L	Serrage Spannsystem Clamping	L Art. N°	R Art. N°
12 x 12	130	A	W750-12	W760-12
16 x 16	130	A	W750-16	W760-16
20 x 20	120	A	W750-20	W760-20

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
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Each holder is supplied with one or more screws. The keys must be ordered separately.

Zurück zum Kapitelanfang

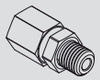


A x B	L	Serrage Spannsystem Clamping	L Art. N°	R Art. N°
16 x 16	100	A	W750-16-JET	W760-16-JET
20 x 20	100	A	W750-20-JET	W760-20-JET

Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

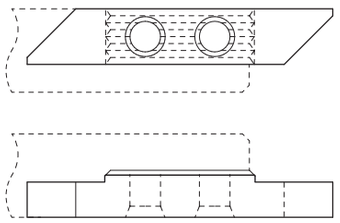
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.
The keys must be ordered separately.

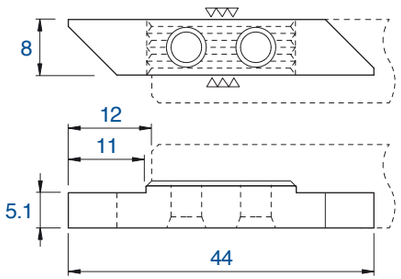
Pièces de rechange Ersatzteile Spare parts	 Art. N°	 Art. N°	Buses Düsen Nozzles  Art. N°
W750-JET / W760-JET	J-M8X1-D6	JB-M8X1	JJ-M3X6-D1.5
			More option see JET-Line

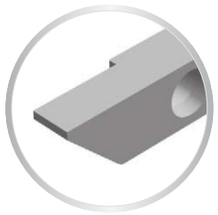
Plaquettes ébauches
WSP-Rohlinge
Blank inserts

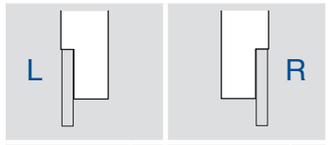
L



R

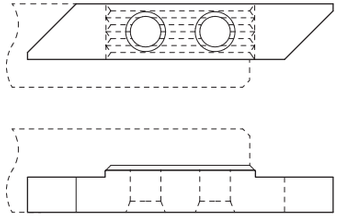




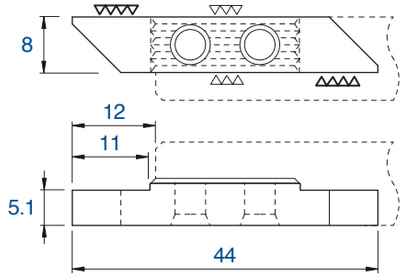


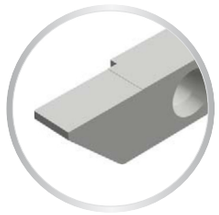
Art. N°	P	S	N (µK20)	Art. N°	P	S	N (µK20)
W751-E5			●	W761-E5			●

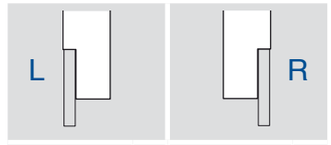
L



R



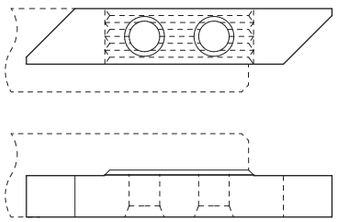




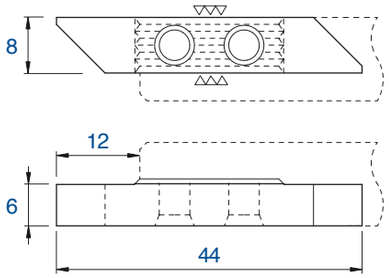
Art. N°	P	S	N (µK20)	Art. N°	P	S	N (µK20)
W751-EP5			●	W761-EP5			●

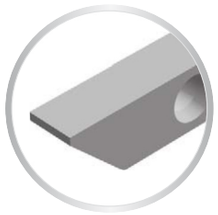
Plaquettes ébauches
WSP-Rohlinge
Blank inserts

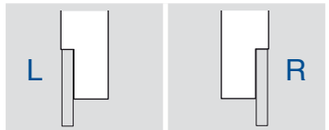
L



R

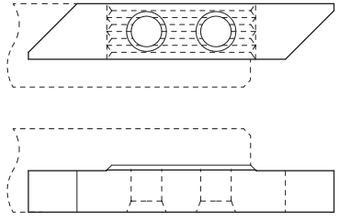




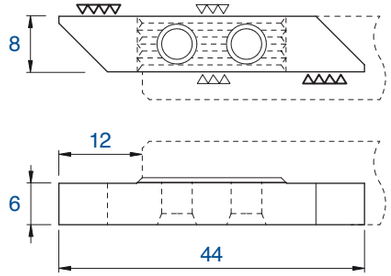


Art. N°	P	S	N (μK20)	Art. N°	P	S	N (μK20)
W751-E6			●	W761-E6			●

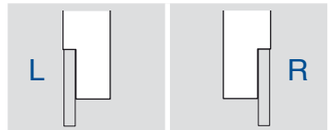
L



R

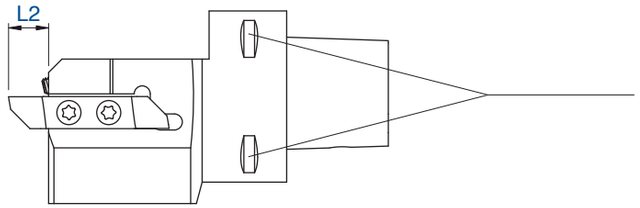




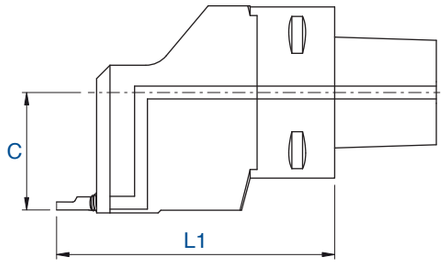


Art. N°	P	S	N (μK20)	Art. N°	P	S	N (μK20)
W751-EP6			●	W761-EP6			●

Polygonal interface PSC3/ PSC4/ HSK			> 1.193
740Z / 760Z	Porte-outils pour usinage déporté Halter für versetzte Bearbeitung Tool holder for off line machining		> 1.200
Star	SL7/10-JET		> 1.201
Tornos	DECO7/10 - EvoDECO10	R	> 1.202
	DECO7/10 - EvoDECO10	L	> 1.204
	DECO13 - EvoDECO16 DECO20 - EvoDECO20/32		> 1.206
	MultiSwiss 6x16		> 1.208
	AS14 / SAS16		> 1.209
	SwissNano		> 1.210
Schütte			> 1.211
Arno			> 1.212



Porte-outils pour changeur automatique
Halter für Werkzeugwechsler
Holder for automatic changer



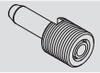


Type	Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	C	L2	Art. N°	Buses Düsen Nozzles Art. N°
PSC3	740	> 1.43	52	22	7.5	PSC3-740-22052-G	JJ-M3X6-D1.5
PSC3	760	> 1.101	59	22	10	PSC3-760-22059-G	
PSC4	740	> 1.43	62	27	7.5	PSC4-740-27062-G	
PSC4	760	> 1.101	67	27	10	PSC4-760-27067-G	

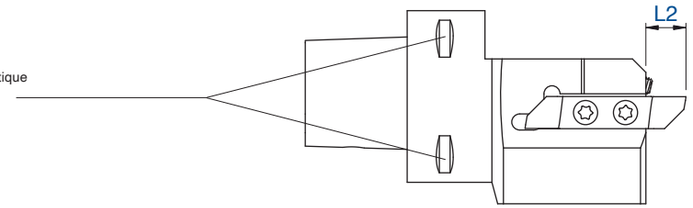
Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

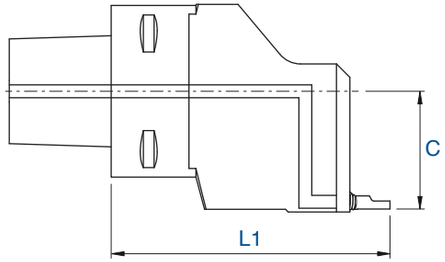
Each holder is supplied with one or more screws.
The keys must be ordered separately.

Options	
	
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET

Porte-outils pour changeur automatique
Halter für Werkzeugwechsler
Holder for automatic changer







Type	Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	C	L2	Art. N°	Buses Düsen Nozzles Art. N°
PSC3	730	>1.43	52	22	7.5	PSC3-730-22052-G	JJ-M3X6-D1.5
PSC3	750	>1.101	59	22	10	PSC3-750-22059-G	
PSC4	730	>1.43	62	27	7.5	PSC4-730-27062-G	
PSC4	750	>1.101	67	27	10	PSC4-750-27067-G	

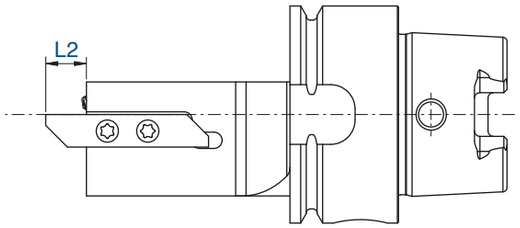
Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.
The keys must be ordered separately.

Options	
	
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET

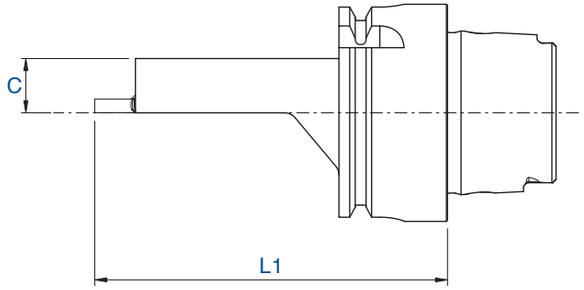




Utilisable sur toutes les machines avec broches HSK-T ou HSK-A

Einsetzbar auf allen Maschinen, mit HSK-T oder HSK-A Pin

Usable on all machines with HSK-T or HSK-A spindles



Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	L2	C	Art. N°	Buses Düsen Nozzles Art. N°
740	>1.43	65	7.5	15	HSK-A40-S191-740-0065-JET	JJ-M3X6-D1.5
760	>1.101	70	10	15	HSK-A40-S191-760-0070-JET	JJ-M3X6-D1.5

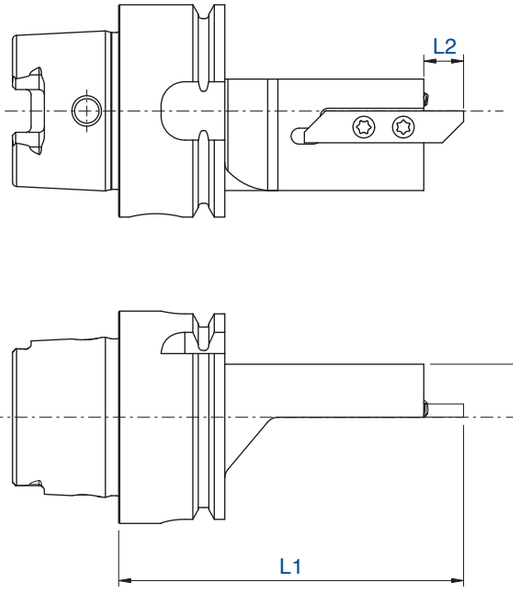
Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.
The keys must be ordered separately.

Options	
	
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET





Utilisable sur toutes les machines avec broches HSK-T ou HSK-A

Einsetzbar auf allen Maschinen, mit HSK-T oder HSK-A Pin

Usable on all machines with HSK-T or HSK-A spindles

Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	L2	C	Art. N°	Buses Düsen Nozzles Art. N°
730	> 1.43	65	7.5	10	HSK-T40-730-0065-JET	JJ-M3X6-D1.5

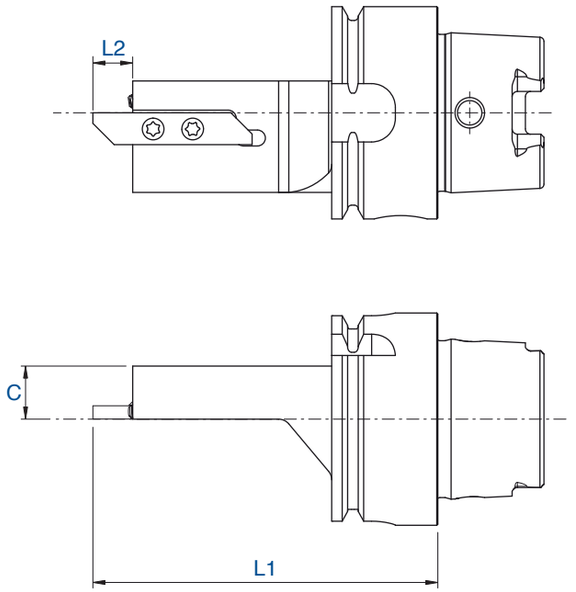
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws. The keys must be ordered separately.

Options	
	
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET





Utilisable sur toutes les machines avec broches HSK-T ou HSK-A

Einsetzbar auf allen Maschinen, mit HSK-T oder HSK-A Pin

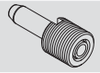
Usable on all machines with HSK-T or HSK-A spindles

Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	L2	C	Art. N°	Buses Düsen Nozzles Art. N°
740	> 1.43	65	7.5	10	HSK-T40-740-0065-JET	JJ-M3X6-D1.5
760	> 1.101	70	10	15	HSK-T40-760-0070-JET	JJ-M3X6-D1.5

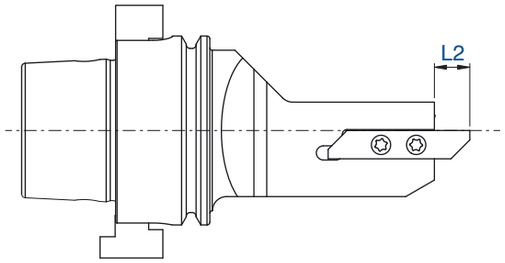
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.

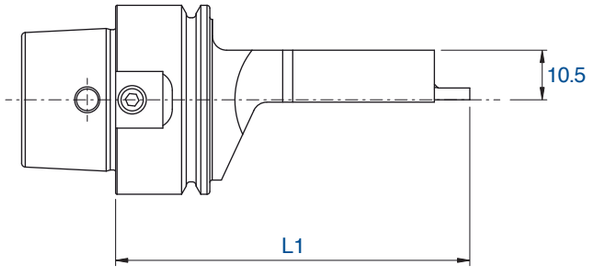
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws. The keys must be ordered separately.

Options	
	
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET







Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	L2	Art. N°	Buses Düsen Nozzles Art. N°
730	>1.43	75	7.5	HSK-E40-730-0075-JET-WM	JJ-M3X6-D1.5
750	>1.101	75	10	HSK-E40-750-0075-JET-WM	JJ-M3X6-D1.5

Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

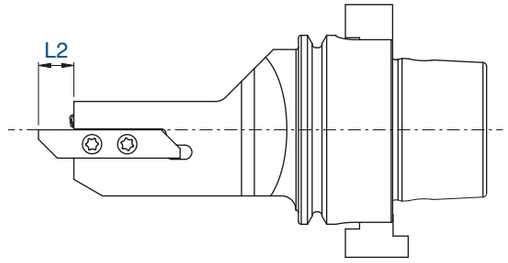
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

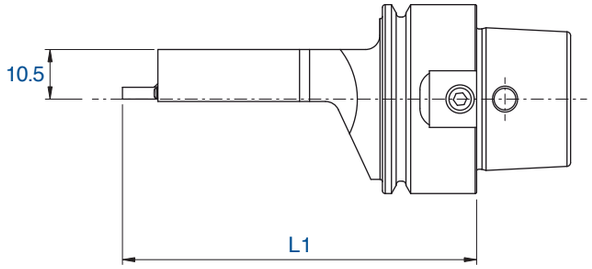
Each holder is supplied with one or more screws.
The keys must be ordered separately.

Pièces de rechange Ersatzteile Spare parts	Options
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET

Zurück zum Kapitelanfang







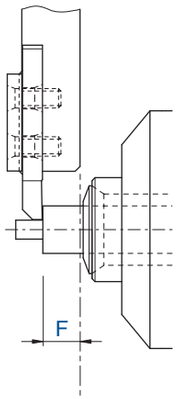
Plaquettes type WSP Typ Insert type	Pages Seiten Pages	L1	L2	Art. N°	Buses Düsen Nozzles Art. N°
740	>1.43	75	7.5	HSK-E40-740-0075-JET-WM	JJ-M3X6-D1.5
760	>1.101	75	10	HSK-E40-760-0075-JET-WM	JJ-M3X6-D1.5

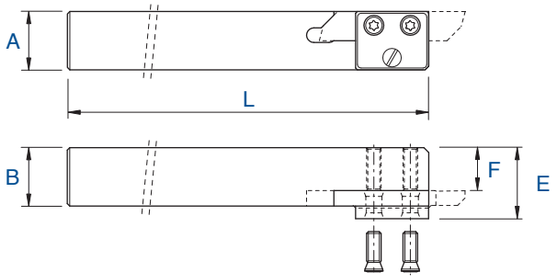
Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.

Each holder is supplied with one or more screws.
The keys must be ordered separately.

Pièces de rechange Ersatzteile Spare parts	Options
Art. N°	Art. N°
HSK-40-JET-M12X1	C-HSK-40-JET





740 Series

A x B	L	F	E	Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
12 x 12	130	9.5	14.5	740Z-12	741 - 747	> 1.43
16 x 16	130	13.5	18.5	740Z-16	741 - 747	> 1.43

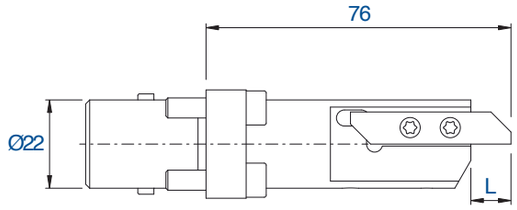
760 Series

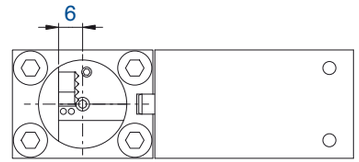
A x B	L	F	E	Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
12 x 12	130	8	15	760Z-12	761 - 767	> 1.101
16 x 16	130	12	19	760Z-16	761 - 767	> 1.101

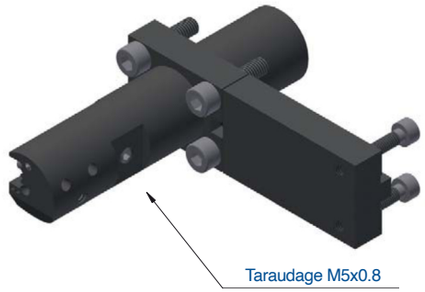
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Zurück zum Kapitelanfang





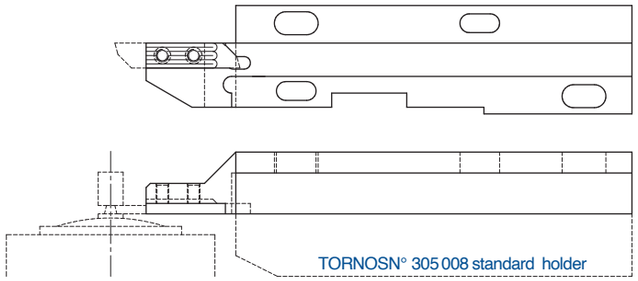




Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
740-SL7/10-JET	740	> 1.43
760-SL7/10-JET	760	> 1.101

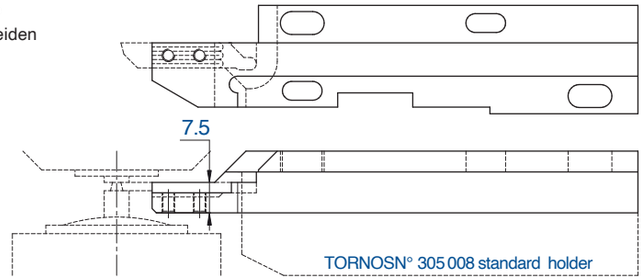
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Coupe à droite
Rechtsschneiden
Right hand cut



Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
740-DECO10	741 - 747	>1.43

Coupe à droite déportée
Versetztes Rechtsschneiden
Right cut off line



Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
730R-DECO10	731R / 731N	1.51 - 1.58

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Zurück zum Kapitelanfang

TOP-Line

Porte-outils pour machine Tornos
Halter für Tornos Maschine
Holders for Tornos machine

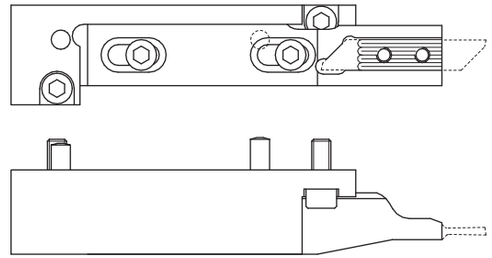
R

DECO7/10
EvoDECO 10

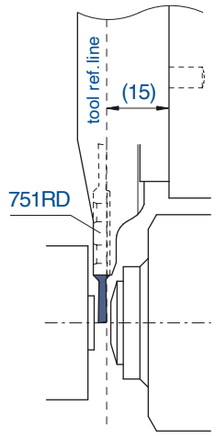
Pour le tronçonnage de petites pièces
Zum Abstechen von kleinen Werkstücken
For small parts parting off

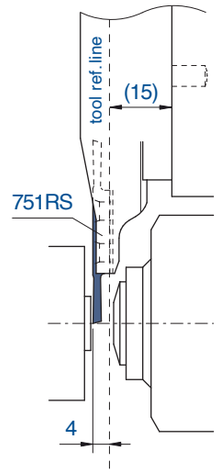


Réglable en longueur
Längseinstellbar
Adjustable length



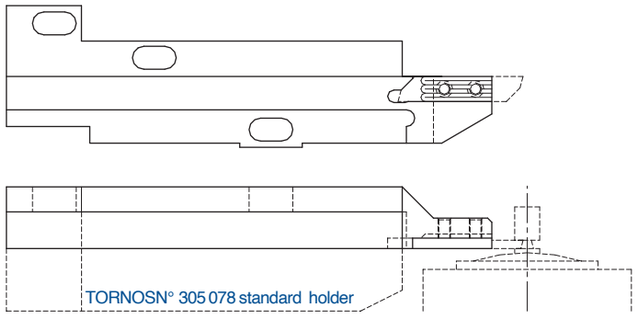
Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
750R-DECO10	751R / 751N	>1.104





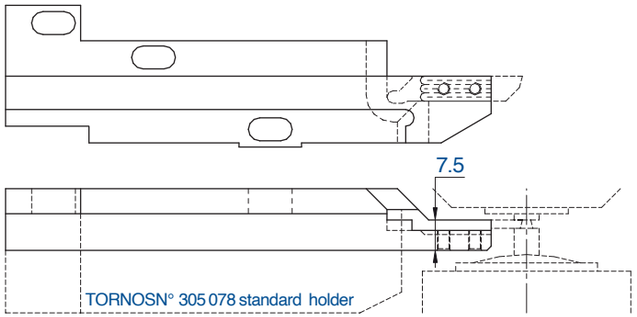
Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Coupe à gauche
Linksschneiden
Left hand cut



Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
730-DECO10	731 - 737	>1.43

Coupe à gauche déportée
Versetztes Linksschneiden
Left cut off line



Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
740L-DECO10	741L / 741N	>1.49

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
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Zurück zum Kapitelanfang

TOP-Line

Porte-outils pour machine Tornos
Halter für Tornos Maschine
Holders for Tornos machine

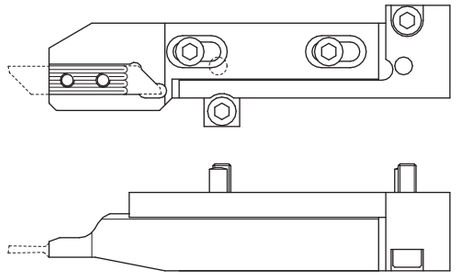
L

DECO7/10
EvoDECO 10

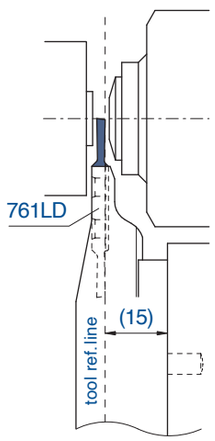
Pour le tronçonnage de petites pièces
Zum Abstechen von kleinen Werkstücken
For small parts parting off

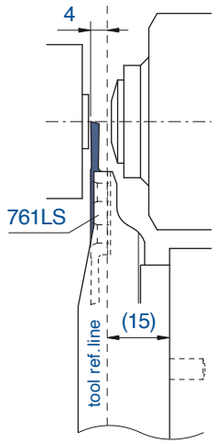


Réglable en longueur
Längseinstellbar
Adjustable length



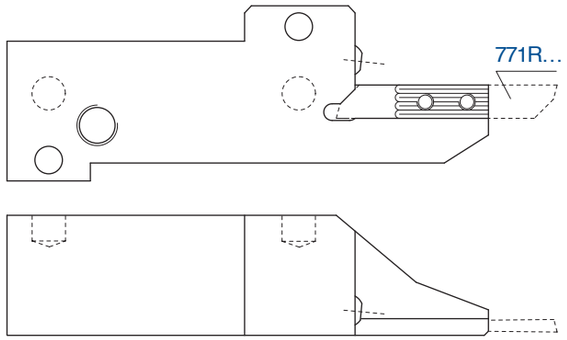
Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
760L-DECO10	761L / 761N	1.104 - 1.125



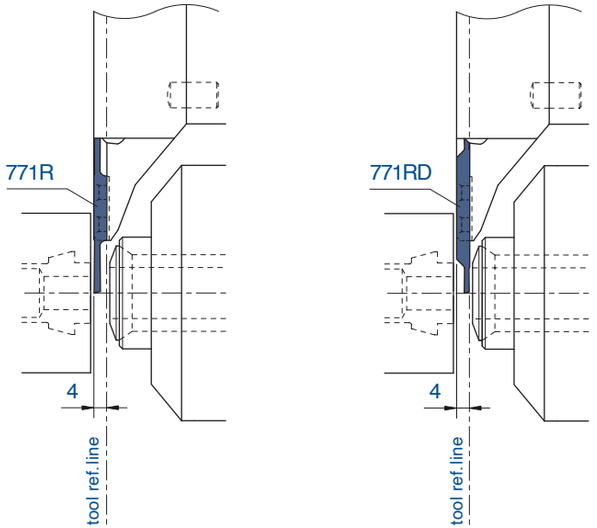


Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
Jeder Halter wird mit einer oder mehreren Schrauben geliefert. Die Schlüssel sind separat zu bestellen.
Each holder is supplied with one or more screws. The keys must be ordered separately.

Pour le tronçonnage de petites pièces
Zum Abstechen von kleinen Werkstücken
For small parts parting off



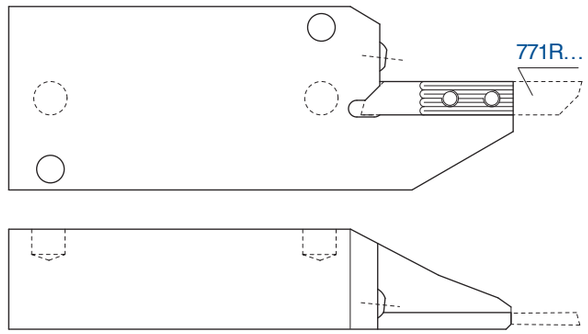
Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
770R-DECO13	771R	1.171 - 1.174



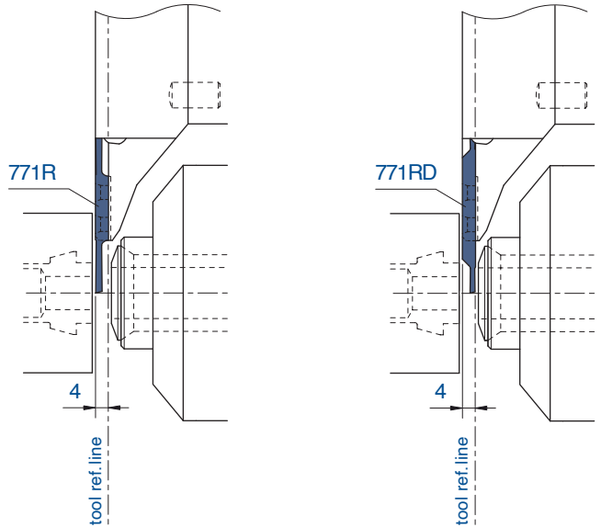
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Zurück zum Kapitelanfang

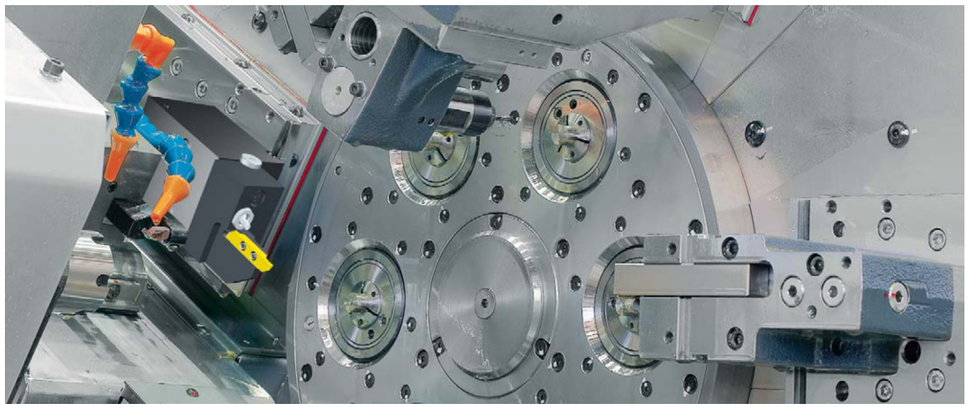
Pour le tronçonnage de petites pièces
Zum Abstechen von kleinen Werkstücken
For small parts parting off

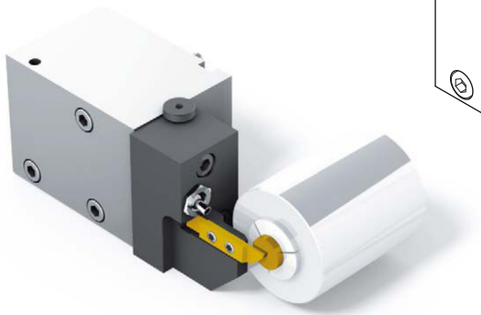


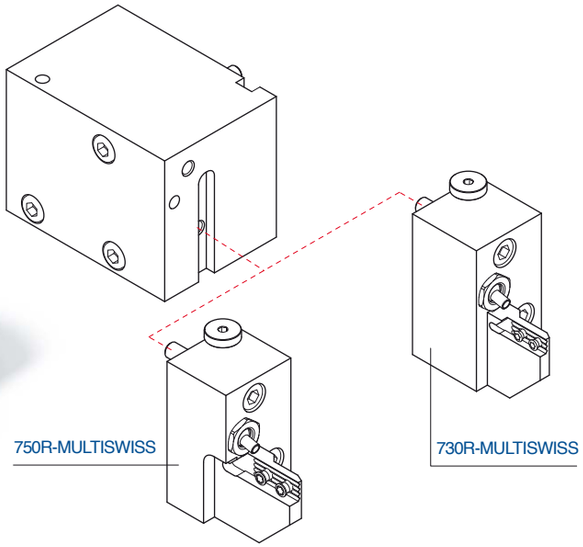
Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
770R-DECO20	771R	1.171 - 1.174

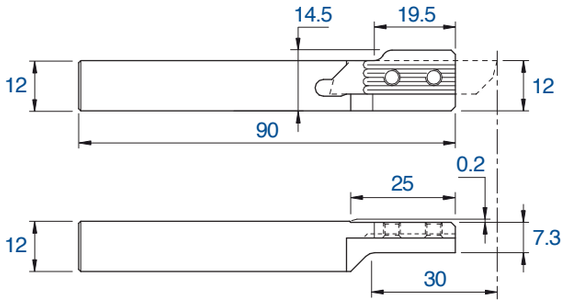


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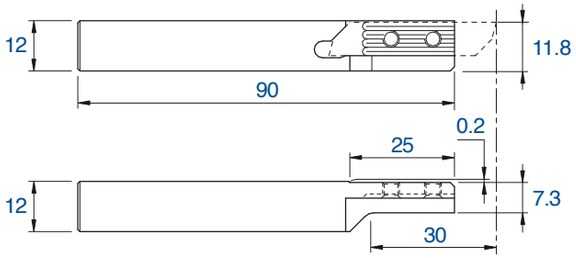




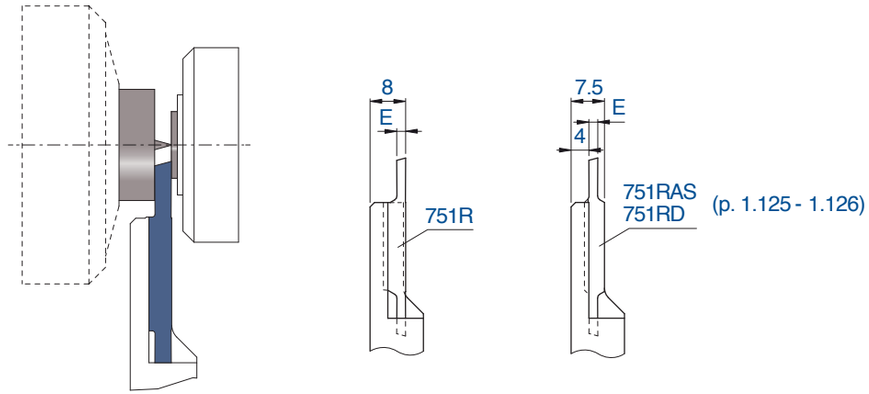




Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
750RAS-12	751R	1.114 - 1.127



Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
750RAS-12-H11.8	751R	1.114 - 1.127



Chaque support est livré avec une ou plusieurs vis.
Les clés sont à commander séparément.

Jeder Halter wird mit einer oder mehreren Schrauben geliefert.
Die Schlüssel sind separat zu bestellen.

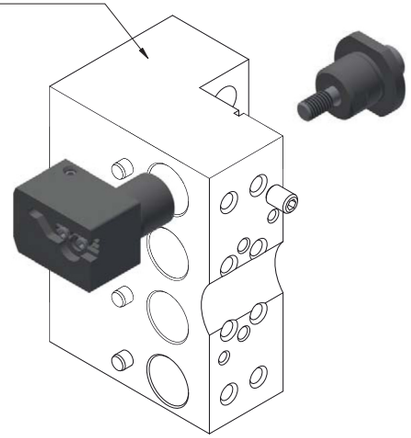
Each holder is supplied with one or more screws.
The keys must be ordered separately.

Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
730R-MULTISWISS	731R / 731N	1.49 - 1.57
750R-MULTISWISS	751R / 751N	1.103 - 1.126

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
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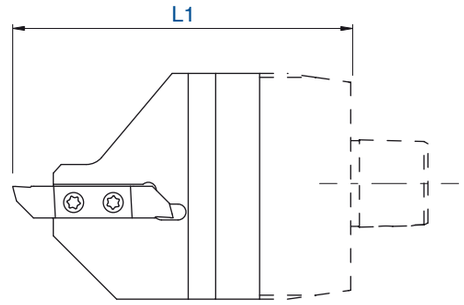


Compatible avecporte-outils Tornos 312022
Kompatibel mit Tornos-Werkzeughalter 312022
Compatible with Tornos tool holder 312022

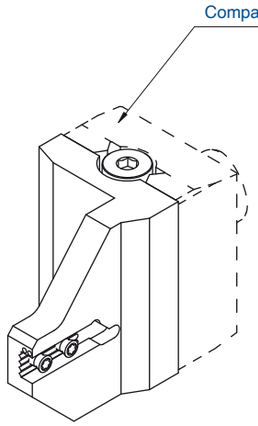


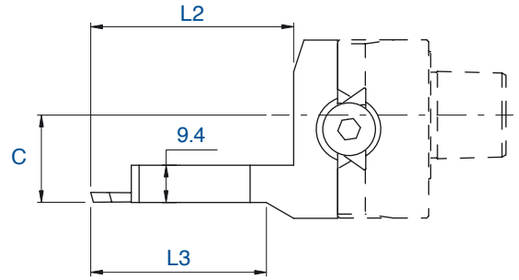
Art. N°	Plaquettes type WSP Typ Inserts type	Pages Seiten Pages
740-SN-312022	740	1.43 - 1.89

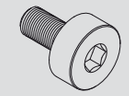




Compatibility Schütte

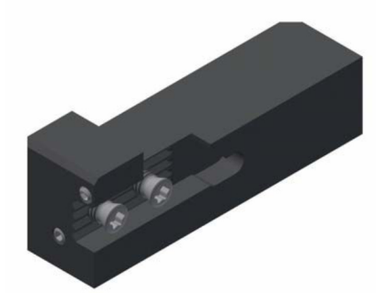


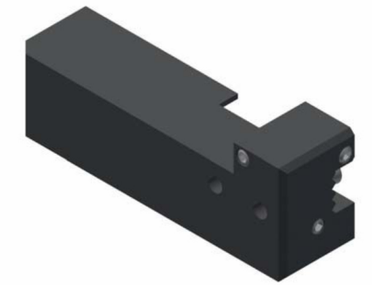


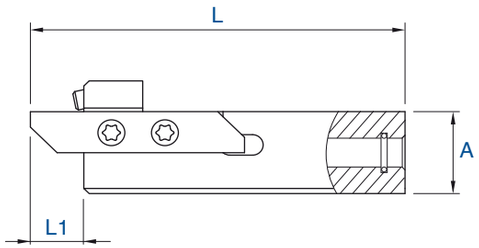
Plaquettes type WSP Typ Inserts type	Pages Seiten Pages	L1	C	L2	L3	Art. N°	Compatibility Schütte	 Art. N°
761-767	> 1.101	86	22	51	44	DT20-760-JET	C3-75870949	V-M6X0.5-14-L18
		83	27.5	48	–	DT30-760-JET	C4-75836783	

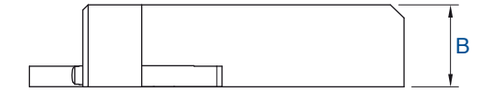
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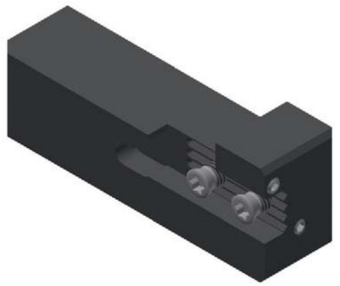


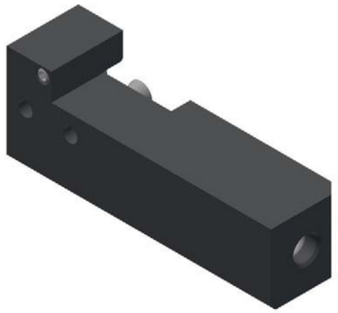
À monter exclusivement avec les butées ARNOAHA…-UN…-AFC
Ausschließlich mit ARNOAHA…-UN…-AFCAnschlagssystemen montieren
To be assembled exclusively with ARNOAHA…-UN…-AFCstop systems

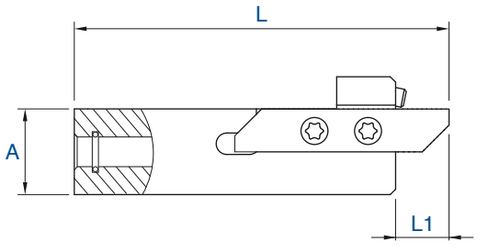
Plaquettes type WSP Typ Insert type	Pages Seiten Pages	AxB	L	L1	Art. N°	Buses Düsen Nozzles Art. N°
740	> 1.43	12x12	70	7.5	AFC-740-12-JET	JJ-M3X6-D1.5
740	> 1.43	16x16	70	7.5	AFC-740-16-JET	JJ-M3X6-D1.5
760	> 1.101	12x12	70	10	AFC-760-12-JET	JJ-M3X6-D1.5
760	> 1.101	16x16	70	10	AFC-760-16-JET	JJ-M3X6-D1.5
						More option see JET-Line

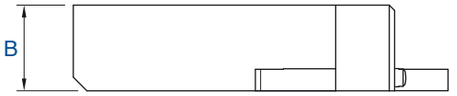
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Zurück zum Kapitelanfang









À monter exclusivement avec les butées ARNOAHA…-UN…-AFC
Ausschließlich mit ARNOAHA…-UN…-AFCAnschlagssystemen montieren
To be assembled exclusively with ARNOAHA…-UN…-AFCstop systems

Plaquettes type WSP Typ Insert type	Pages Seiten Pages	AxB	L	L1	Art. N°	Buses Düsen Nozzles Art. N°
730	> 1.43	12x12	70	7.5	AFC-730R-12-JET	JJ-M3X6-D1.5
730	> 1.43	16x16	70	7.5	AFC-730R-16-JET	JJ-M3X6-D1.5
750	> 1.101	12x12	70	10	AFC-750R-12-JET	JJ-M3X6-D1.5
750	> 1.101	16x16	70	10	AFC-750R-16-JET	JJ-M3X6-D1.5
						More option see JET-Line

Chaque support est livré avec une ou plusieurs vis. Les clés sont à commander séparément.
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	Porte-outils Halter Holders	Serrage standard (A) Standard Spannsystem (A) Standard clamping system (A)	Options	Serrage type B Spannsystem Typ B Clamping system type B	Options
710	710-6 / - NOVIBRA	V-M2.5X5.8-T8	C-T8	-	-
	710-7 / - NOVIBRA	V-M2.5X6.5-T8			
	710-8 / - NOVIBRA 710-10 - 710-12	V-M2.5X7.8-T8			
720	720-7	V-M2.5X6.5-T8	C-T8	-	-
	720-8 - 720-12	V-M2.5X7.8-T8			
730	730-7 /- JET / -NOVIBRA	V-M3X7-T8	C-T8	-	-
	730-8 / -NOVIBRA			V-M2.5X7.8-T8	C-T8
	730-9.52 - 730-20 730-DECO10 730R-DECO10			-	-
	730RC	V-M3X5.5-T8			
740	740-7 /-JET /-NOVIBRA	V-M3X7-T8	C-T8	-	-
	740-8 /-NOVIBRA - 740-12 /-JET /-NOVIBRA			V-M2.5X7.8-T8	C-T8
	740-16 - 740-20 740/730-D 740-C			-	-
	740-D-JET	V-M3X5.5-T8			
	740-DECO10 740L-DECO10	V-M3X7-T8			
	740-Z	V-M3X9-T8			

	Porte-outils Halter Holders	Serrage standard (A) Standard Spannsystem (A) Standard clamping system (A)	Options	Serrage type B Spannsystem Typ B Clamping system type B BN11 BN21	
750	750-10 - 750-12 /-JET	V-M4X9-T15	C-T15	-	-
	750-10-AB			V-M3X10-BN21	C-6P-2.0
	750-12-AB			V-M3X8-BN11	C-6P-2.5
	750-12.7 - 750-14			V-M3X10-BN11	
	750-16			V-M3X12-BN11	
	750-20			V-M3X16-BN11	
	750RAS- 750-RC	V-M4X7.3-T15		-	-
	750R-DECO10	V-M4X5.6-T15			
760	760-10 - 760-12 /-JET / -NOVIBRA / 760/750	V-M4X9-T15	C-T15	-	-
	760-10-AB			V-M3X10-BN21	C-6P-2.0
	760-12-AB			V-M3X8-BN11	C-6P-2.5
	760-12.7 - 760-14			V-M3X10-BN11	
	760-16			V-M3X12-BN11	
	760-20			V-M3X16-BN11	
	760-D-JET			-	-
	760LC	V-M4X7.3-T15			
	760L-DECO10	V-M4X5.6-T15			
	760-Z	V-M4X12-T15			

Zurück zum Kapitelanfang

TOP-Line
Vis et clés de rechange
Ersatzschrauben und Schlüsseln
Spare screws and keys

	Porte-outils Halter Holders	Serrage standard (A) Standard Spannsystem (A) Standard clamping system (A)	Options	Serrage type B Spannsystem Typ B Clamping system type B	
770	770 / -JET	V-M4X9-T15	C-T15	-	-
	770RC	V-M4X7.3-T15			
780	780 / -JET	V-M4X9-T15	C-T15	-	-
7050	7050 7051	V-M4X9-T15	C-T15	-	-
7060	7060 7061	V-M4X9-T15	C-T15	-	-
W	W750 / W760 /-JET	V-M4X11.5-T15	C-T15	-	-
PSC3	PSC3-730	V-M3X7-T8	C-T8	-	-
	PSC3-740				
	PSC3-750				
	PSC3-760	V-M4X9-T15	C-T15		
PSC4	PSC4-730	V-M4X9-T15	C-T15	-	-
	PSC4-740				
	PSC4-750				
	PSC4-760				
HSK	HSK-A40-E40-T40-740	V-M3X7-T8	C-T8	-	-
	HSK-A40-E40-T40-760	V-M4X9-T15	C-T15		
STAR	SL7/10-JET	V-M3X7-T8	C-T8	-	-
DECO7/10 EvoDECO10	730-DECO10 730R-DECO10 740-DECO10 740L-DECO10 750R-DECO10 760L-DECO10	V-M3X5.5-T8	C-T8	-	-
DECO13 EvoDECO16	770R-DECO13	V-M3X5.5-T8	C-T8	-	-
DECO20 EvoDECO20/32	770R-DECO20	V-M3X5.5-T8	C-T8	-	-
MultiSwiss	730R-MULTISWISS	V-M3X5.5-T8	C-T8	-	-
	750R-MULTISWISS	V-M4X7.3-T15	C-T15		
SwissNano	740-SN-312022	V-M3X5.5-T8	C-T8	-	-
Schütte	DT20-760-JET DT30-760-JET	V-M4X9-T15	C-T15	-	-
Arno	AFC-730R AFC-740 AFC-750R AFC-760	V-M3X5.5-T8	C-T8	-	-