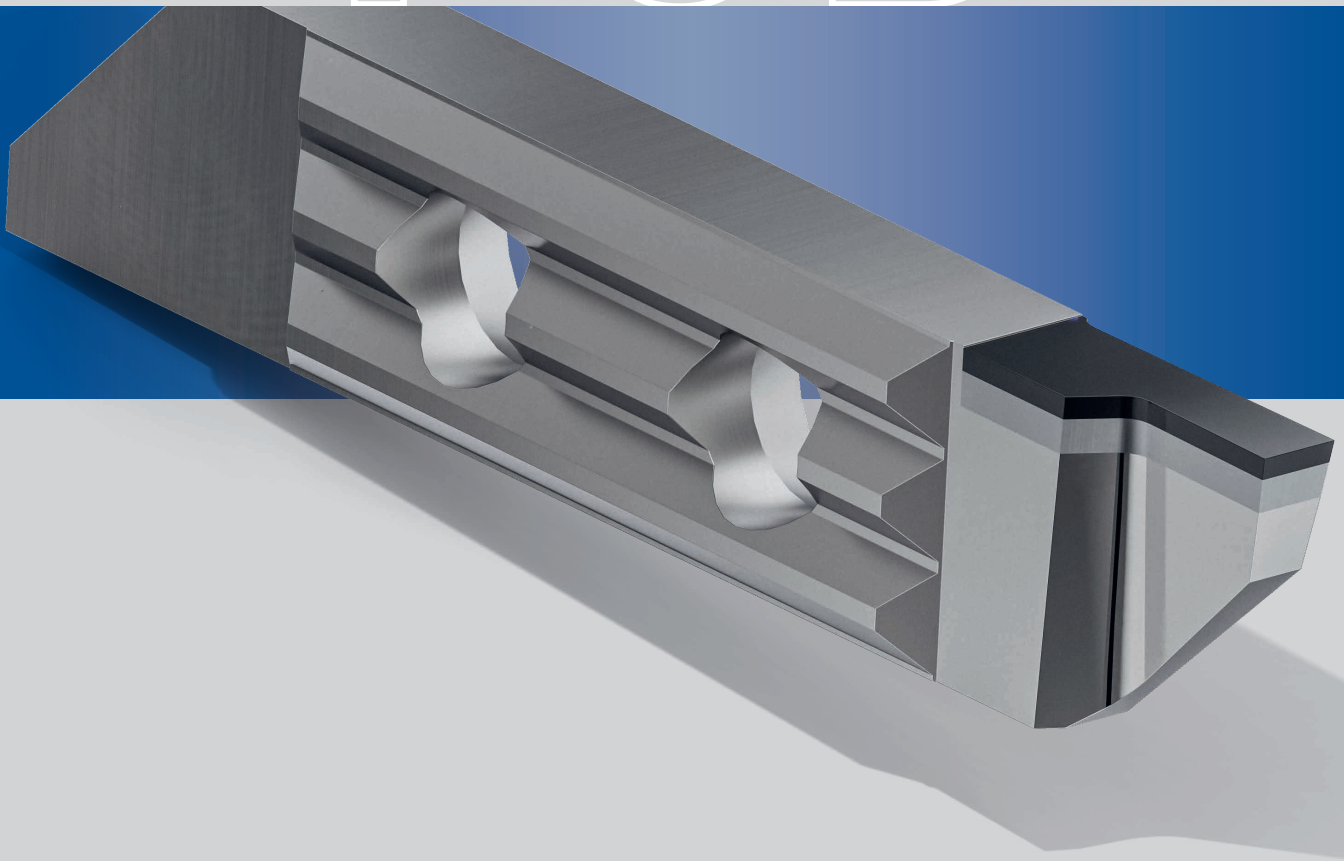




APPLITEC
SWISS TOOLING

PCD



TOP-LINE

APPLITEC

**OUTILS DE HAUTES PERFORMANCES
POUR LE DÉCOLLETAGE
ET LA MICROMÉCANIQUE**

**HOCHLEISTUNGSWERKZEUGE
FÜR DREHAUTOMATEN
UND MIKROMECHANIK**

**HIGH PERFORMANCE TOOLING
FOR AUTOMATIC LATHES
AND MICROMECHANICS**



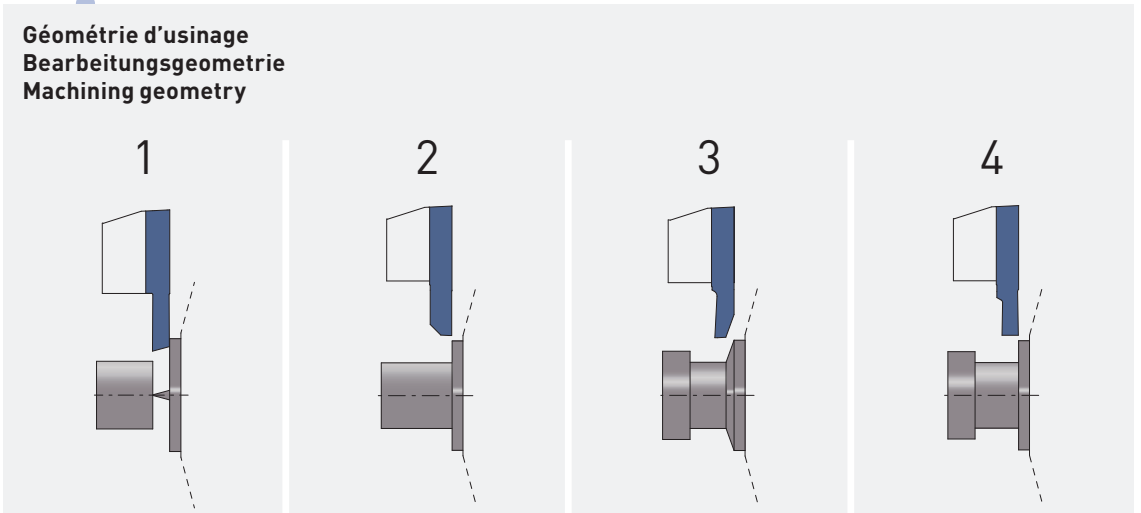
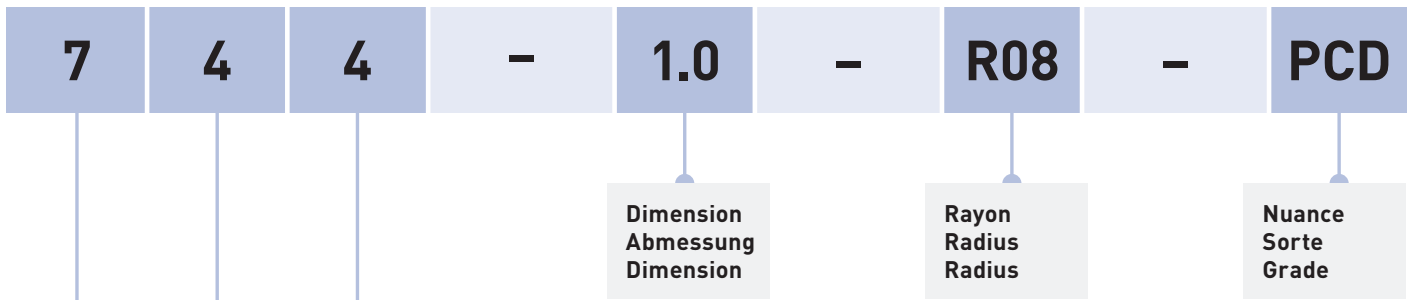
			<p>731R-PCD Tronçonnage - coupe déportée > 4 Abstechen - versetztes Schneiden Parting off - cut off line</p>
	<p>741-PCD Tronçonnage Abstechen Parting off</p>		<p>> 5</p>
			<p>742-PCD Tournage avant Vorwärts drehen > 6 Front turning</p>
	<p>743-PCD Tournage arrière Rückwärts drehen Back turning</p>		<p>> 7</p>
			<p>744-PCD Fonçage-tournage Einstechen und drehen > 8 Grooving and turning</p>

TOP-LINE

Codification des plaquettes TOP-Line série 700 - PCD

WSP-Bezeichnungssystem für TOP-Line 700 - PCD Serie

Inserts designation key for TOP-Line 700 - PCD series



**Gamme de produit
Produktserie
Product series**

définit la compatibilité des plaquettes avec le porte-outil
bestimmt die WSP und Halter Kompatibilität
shows the inserts and holder compatibility

L	R
730	740

L = 3 (chiffre impair / ungerade Zahl / uneven number)
R = 4 (chiffre pair / gerade Zahl / even number)

**main series
small type**

**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

L'outil de référence pour le décolletage

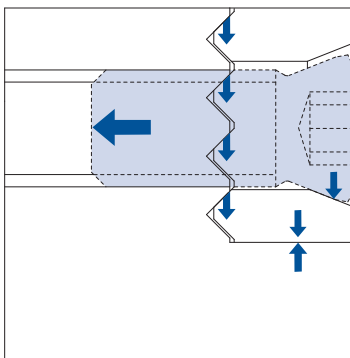
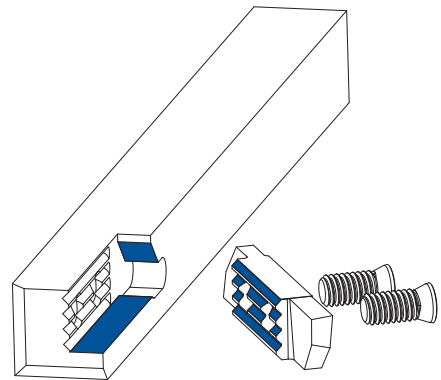
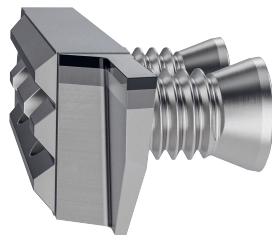
Hochwertiges Wendeplattensystem für Langdrehautomaten

Top class turning tool for automatic lathes

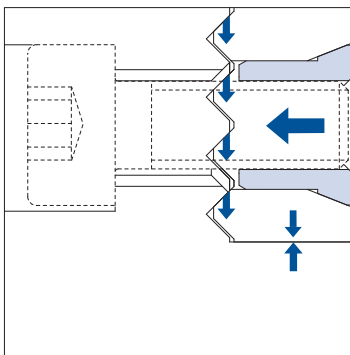
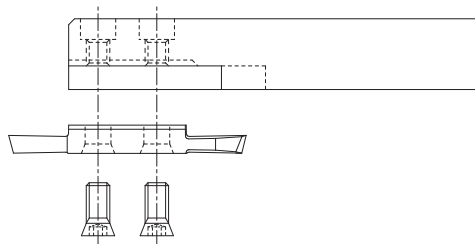
700 Series

100% rigid!

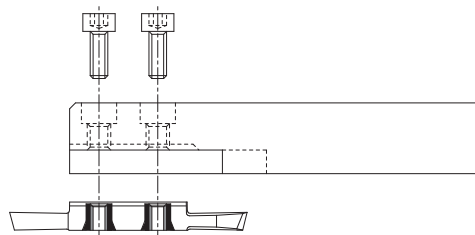
Système de serrage Applitec à denture décalée
 Applitec-Spannsystem mit verschobener Verzahnung
 Applitec clamping system with shifted teeth



Serrage standard
 Standard Spannsystem
 Standard clamping system



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

Tronçonnage

Abstechen

Parting off

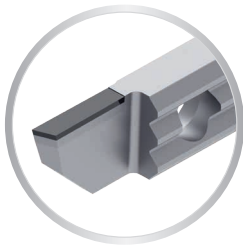
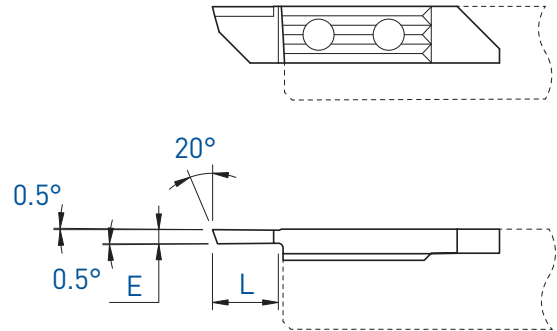
Coupe déportée

Versetztes Schneiden

Cut off line

731R-PCD

Cut R

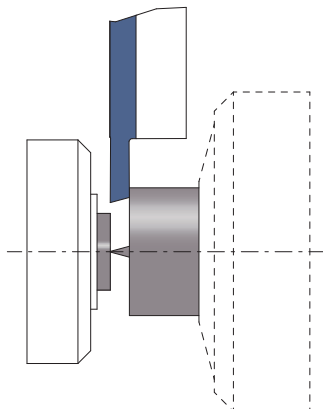


L (R)

Coupe à droite déportée
Versetztes Linksschneiden
Left cut off line

E	L	Art. N°	PCD
1.0	5	731R-1.0	<input type="checkbox"/>
1.2	5	731R-1.2	<input type="checkbox"/>
1.5	7	731R-1.5	<input checked="" type="checkbox"/>
2.0	7	731R-2.0	<input type="checkbox"/>
2.5	7	731R-2.5	<input type="checkbox"/>

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



7XX-XX-B



Sur demande pour serrage type B, voir page 3
Wahlweise mit B-Spannsystem, siehe Seite 3
On request for B clamping system, see page 3

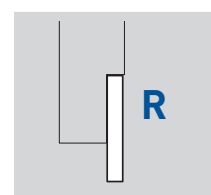
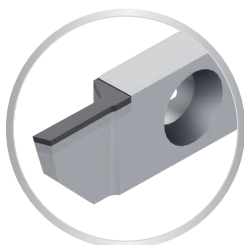
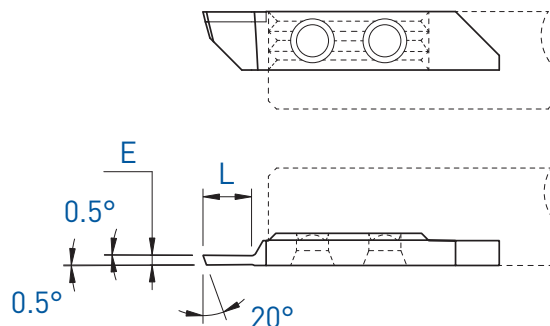
Tronçonnage

Abstechen

Parting off

741-PCD

R



E	L	Art. N°	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 Schneidkante
Only 1 cutting edge

7XX-XX-B



Sur demande pour serrage type B, voir page 3
Wahlweise mit B-Spannsystem, siehe Seite 3
On request for B clamping system, see page 3

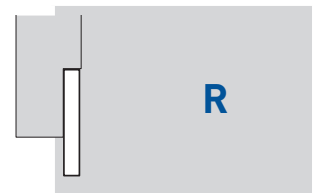
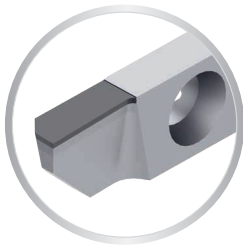
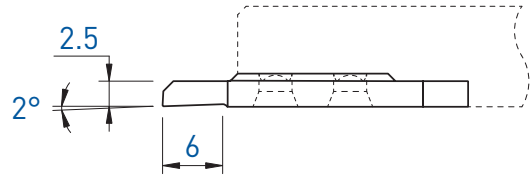
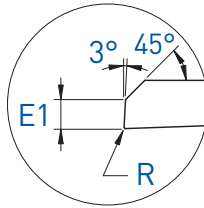
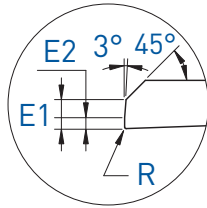
■ = disponible / verfügbar / available

□ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending on stock availability

Tournage avant
Vorwärts drehen
Front turning

742-PCD

R



E1	E2	R	Art. N°	PCD
1.5	0.3	0	742-2°	<input type="checkbox"/>
1.5	-	0.08	742-2°-R08	<input checked="" type="checkbox"/>
1.5	-	0.15	742-2°-R15	<input type="checkbox"/>
1.5	-	0.20	742-2°-R20	<input type="checkbox"/>

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

7XX-XX-B

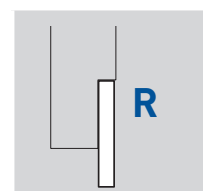
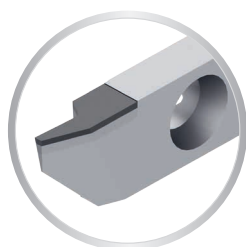
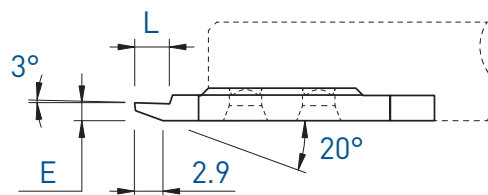
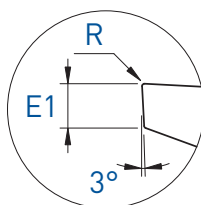
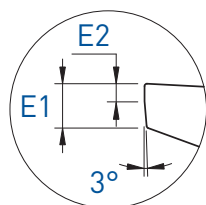


Sur demande pour serrage type B, voir page 3
Wahlweise mit B-Spannsystem, siehe Seite 3
On request for B clamping system, see page 3

Tournage arrière
 Rückwärts drehen
 Back turning

743-PCD

R



E	E1	E2	L	R	Art. N°	PCD
1.5	0.5	0.15	3	0	743-0.5	<input type="checkbox"/>
1.5	0.5	-	3	0.08	743-0.5-R08	<input type="checkbox"/>
1.8	0.8	0.25	4	0	743-0.8	<input type="checkbox"/>
1.8	0.8	-	4	0.08	743-0.8-R08	<input type="checkbox"/>
2.0	1	0.30	4	0	743-1.0	<input type="checkbox"/>
2.0	1	-	4	0.08	743-1.0-R08	<input type="checkbox"/>
2.2	1.2	0.35	5	0	743-1.2	<input type="checkbox"/>
2.2	1.2	-	5	0.08	743-1.2-R08	<input type="checkbox"/>
2.5	1.5	0.45	6	0	743-1.5	<input type="checkbox"/>
2.5	1.5	-	6	0.08	743-1.5-R08	<input type="checkbox"/>

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

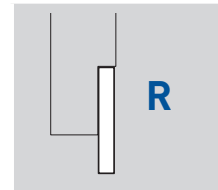
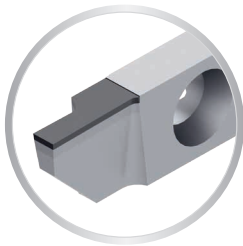
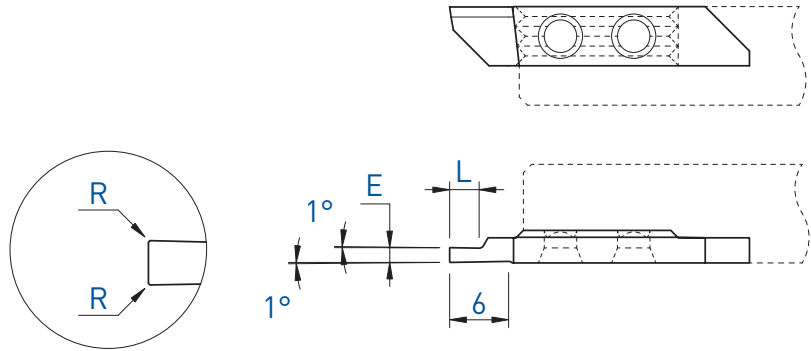
7XX-XX-B



Sur demande pour serrage type B, voir page 3
 Wahlweise mit B-Spannsystem, siehe Seite 3
 On request for B clamping system, see page 3

■ = disponible / verfügbar / available
 □ = selon disponibilité du stock / jenach Lagerverfügbarkeit / depending on stock availability

R



E	L	R	Art. N°	PCD
0.8	2	0	744-0.8	<input type="checkbox"/>
0.8	2	0.08	744-0.8-R08	<input checked="" type="checkbox"/>
1.0	2.5	0	744-1.0	<input type="checkbox"/>
1.0	2.5	0.08	744-1.0-R08	<input checked="" type="checkbox"/>
1.5	3	0	744-1.5	<input type="checkbox"/>
1.5	3	0.08	744-1.5-R08	<input checked="" type="checkbox"/>
1.5	3	0.15	744-1.5-R15	<input checked="" type="checkbox"/>
1.5	3	0.20	744-1.5-R20	<input checked="" type="checkbox"/>
2.0	4	0	744-2.0	<input type="checkbox"/>
2.0	4	0.08	744-2.0-R08	<input checked="" type="checkbox"/>
2.0	4	0.15	744-2.0-R15	<input checked="" type="checkbox"/>
2.0	4	0.20	744-2.0-R20	<input checked="" type="checkbox"/>
2.5	6	0	744-2.5	<input type="checkbox"/>
2.5	6	0.08	744-2.5-R08	<input checked="" type="checkbox"/>
2.5	6	0.15	744-2.5-R15	<input checked="" type="checkbox"/>
2.5	6	0.20	744-2.5-R20	<input checked="" type="checkbox"/>

7XX-XX-B



Sur demande pour serrage type B, voir page 3
 Wahlweise mit B-Spannsystem, siehe Seite 3
 On request for B clamping system, see page 3

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

Paramètres de coupe indicatifs

Empfohlene Schnittwerte

Standard machining data

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 (ECOBASS) Kupferlegierung ohne Blei (ECOBASS) Lead-free copper alloy (ECOBASS) (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



PERFORMANCE | PRECISION | RIGIDITY

PCD

**APPLITEC MOUTIER SA
2740 MOUTIER**

**+41 (0)32 494 60 20
INFO@APPLITEC-TOOLS.COM**