

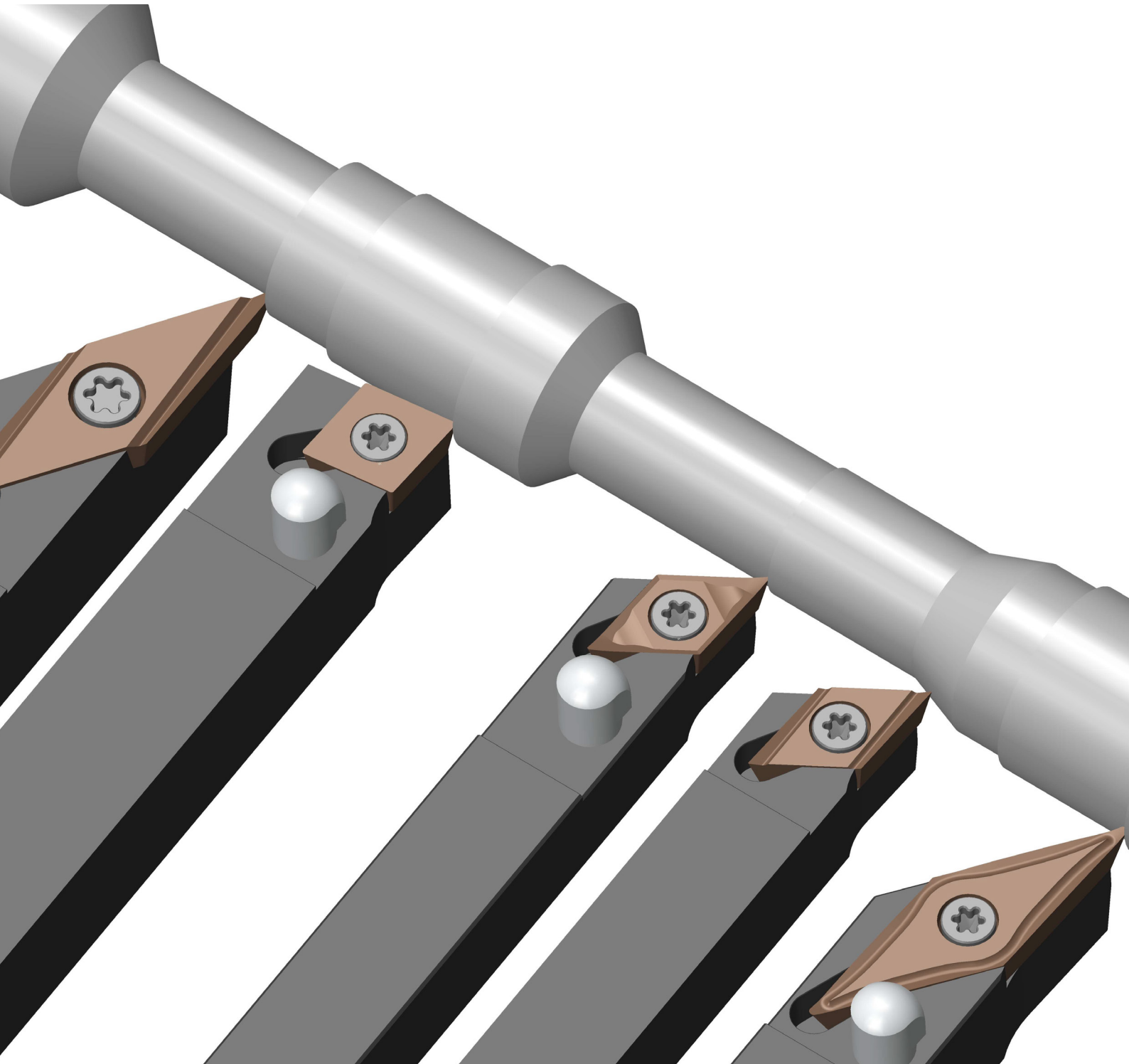
DIAMETAL®

ISO
FR·IT

ISO

Programme normalisé de tournage
extérieur et intérieur

*Programma standardizzato di tornitura
esterna ed interna*





ISO

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Portautensili ed inserti C (80°)

SHAPE D

Porte-outils et plaquettes D (55°)
Portautensili ed inserti D (55°)

SHAPE V

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ISO

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177

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209

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C	C	G	T	06	02	005	F	N	GB03	DWS	447429

01 Forme
Forma



07 Rayon
Raggio



02 Dépouille
Spoglia

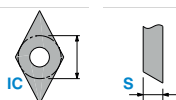


	C	B	P
α	7°	5°	11°

08 Exécution d'arête de coupe
Esecuzione del tagliente



03 Classe de tolérance
Classe di tolleranza



	E	G	M
IC	± 0.025	± 0.025	± 0.050
S	± 0.025	± 0.130	± 0.130

09 Direction
Direzione



04 Serrage et brise-copeau
Serraggio e rompitrucciolo



10 Géométrie de coupe
Geometria di taglio

05 Longueur de coupe
Lunghezza di taglio



11 Nuance
Variante

06 Epaisseur
Spessore



01	02	03	04	05	06	07	08	09	10	Art. N°
S	C	L	C	R	10	10	J	06	C	447555

01 Méthode de serrage
Sistema di bloccaggio



07 Largeur du porte-outil
Larghezza del portautensile



02 Forme de la plaquette
Forma dell'inserto

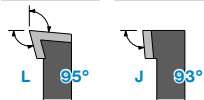


08 Longueur du porte-outil
Lunghezza del portautensile



	J	X
L	110	Special

03 Angle d'attaque
Angolo di attacco



09 Longueur de coupe
Lunghezza di taglio

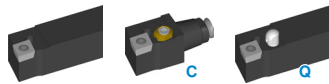


04 Angle de dépouille
Angolo di spoglia

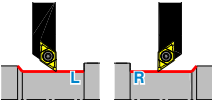


	C
α	7°

10 Exécution
Esecuzione



05 Direction
Direzioe

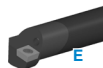


06 Hauteur du porte-outil
Altezza del portautensile



01	02	03	04	05	06	07	08	09	Art. N°
E	08	K	S	C	L	C	L	06	450216

01 Exécution du porte-outil
Esecuzione portautensile



Carbure avec arrosage intégré
Matallo duro con refrigerante integrato

07 Angle de dépouille
Angolo di spoglia

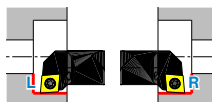


	C
α	7°

02 Diamètre du porte-outil
Diametro di taglio



08 Direction
Direzione



03 Longueur du porte-outil
Lunghezza del portautensile



	K	M	Q
L	125	150	180

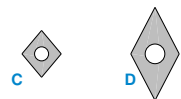
09 Longueur de coupe
Lunghezza di taglio



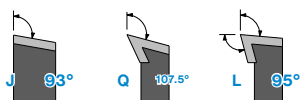
04 Méthode de serrage
Sistema di bloccaggio



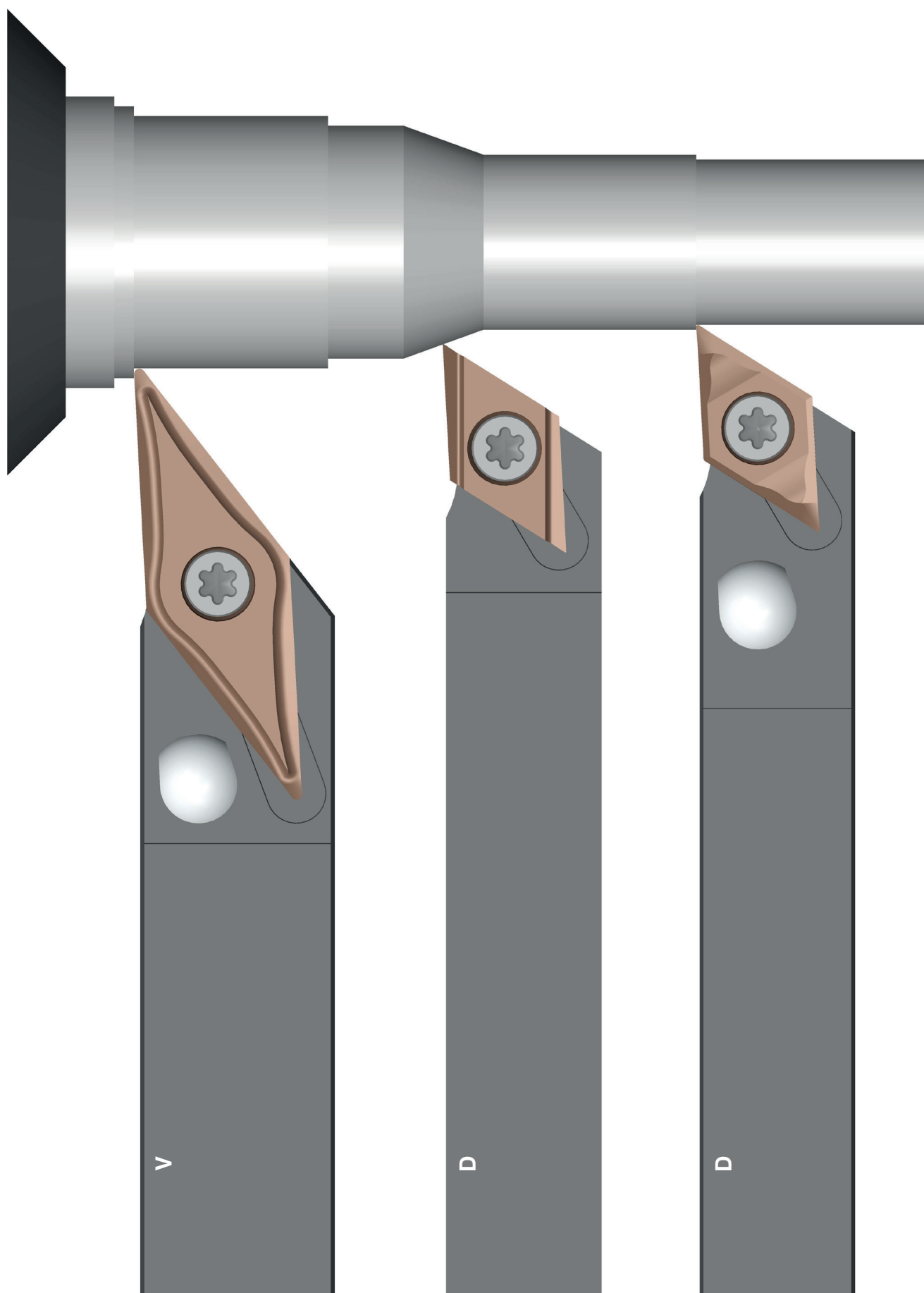
05 Forme de la plaquette
Forma dell'inserto

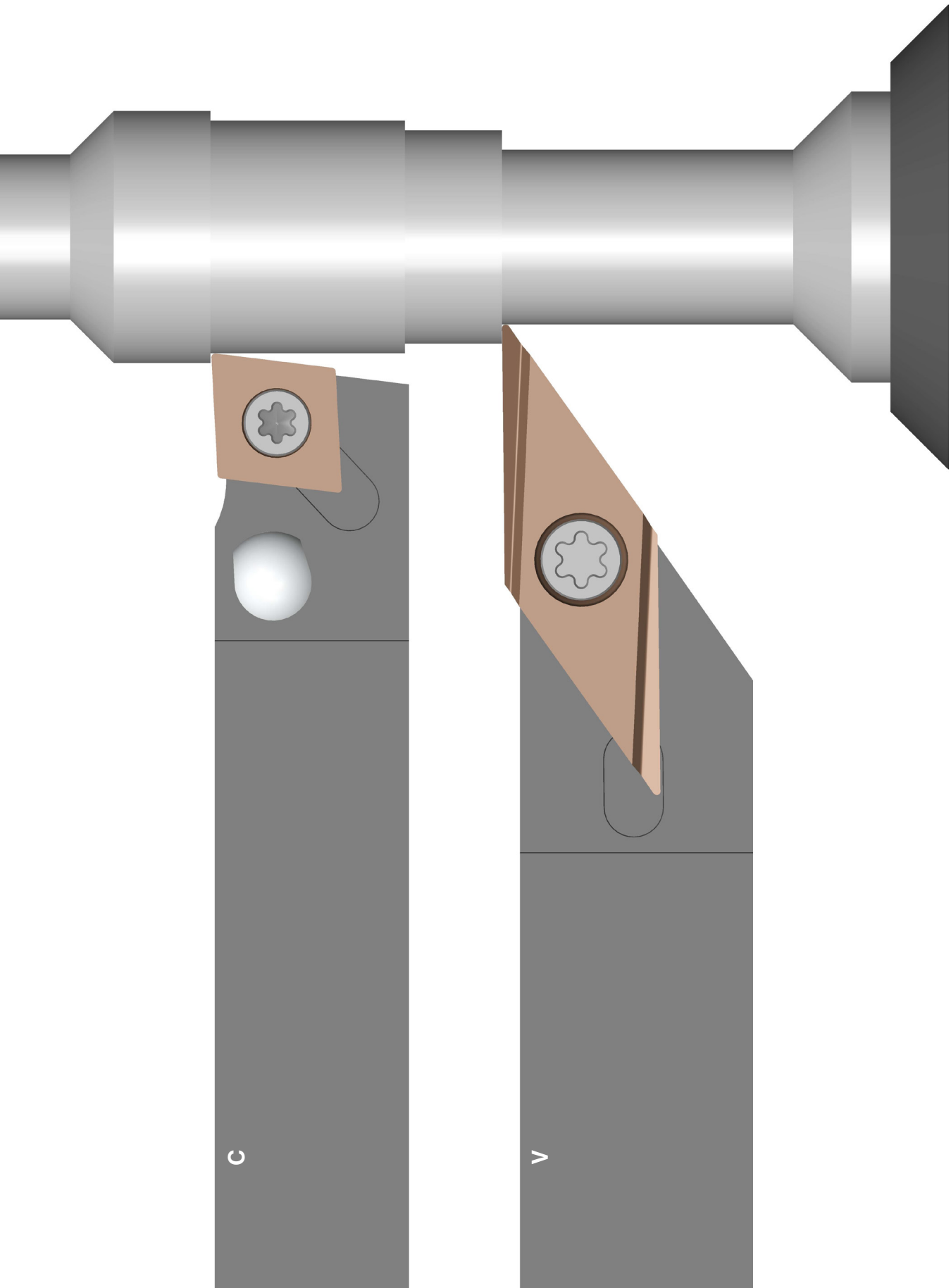


06 Angle d'attaque
Angolo di attacco









Application
Applicazione



Désignation
Designazione

GB03

GB12

GG19

GM15

GG30

Ebauche
Sgrossatura

► ►

► ►

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Finition
Finitura

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Page Forme C
Pagine Forma C

Page Forme D
Pagine Forma D

Page Forme V
Pagine Forma V

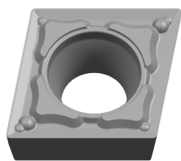
ISO	Matières à usiner Materiali da lavorare
P1	Aciers de décolletage Acciai automatici
P2	Aciers de décolletage sans plomb Acciai automatici senza piombo
P3	Aciers non alliés (Rm < 800 N/mm ²) Acciai non legati (Rm < 800 N/mm ²)
P4	Aciers faiblement alliés (Rm < 900 N/mm ²) Acciai debolmente legati (Rm < 900 N/mm ²)
P5	Aciers fortement alliés (Rm < 1200 N/mm ²) Acciai fortemente legati (Rm < 1200 N/mm ²)
M1	Aciers inoxydables ferritiques Acciai inossidabili ferritici
M2	Aciers inoxydables martensitiques Acciai inossidabili martensitici
M3	Aciers inoxydables austénitiques Acciai inossidabili austenitici
K1	Fontes Ghise
N1	Fontes d'aluminium Fusioni d'alluminio
N2	Alliages d'aluminium Leghe d'alluminio
N3	Laiton. Bronze Ottone. Bronzo
N4	Laiton sans plomb Ottone senza piombo
N5	Cuivre Rame
N6	Métaux précieux Metalli preziosi
N7	Platine. Palladium Platino. Palladio
N8	Matières plastiques Materiali plastici
S1	Titane pur Titanio puro
S2	Alliages de titane Leghe di titanio
S3	Superalliages (Cr. Co. Ni) Superleghe (Cr. Co. Ni)
H1	Aciers trempés (< 55 HRC) Acciai temprati (< 55 HRC)
H2	Aciers trempés (> 55 HRC) Acciai temprati (> 55 HRC)

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GP15	GA25	DG15	DS15	DN12	DR12	DV15
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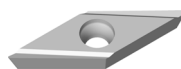


De l'ébauche à la super finition

Les différents rayons et brise-copeaux des plaquettes du programme ISO permettent de réaliser toutes les opérations, de l'ébauche à la super finition.

Dalla sgrossatura alla superfinitura

I diversi raggi e rompitruciolo degli inserti consento di eseguire tutte le operazioni, dalla sgrossatura alla superfinitura.



Brise-copeaux rectifiés ou bruts: toujours le choix le plus approprié

Le programme ISO propose des plaquettes avec brise-copeaux frittés et rectifiés ; ce qui permet toujours de trouver la meilleure solution pour l'usinage des différentes matières.

Rompitrucioli rettificati o grezzi: sempre la scelta più appropriata

Il programma ISO offre inserti con rompitruciolo sinterizzato e rettificato; in modo da trovare sempre la soluzione migliore per la lavorazione di diversi materiali.



Tournage extérieur et intérieur

Le programme ISO propose aussi bien des porte-outils pour le tournage extérieur que des barres d'alesage en métal dur à partir de Ø8 mm pour le tournage intérieur.

Tornitura esterna e interna

Il programma ISO offre sia portautensili per la tornitura esterna che barre di alesatura in metallo duro a partire da Ø8 mm per la lavorazione interna.

CERMET

Finition avec plaquettes cermet

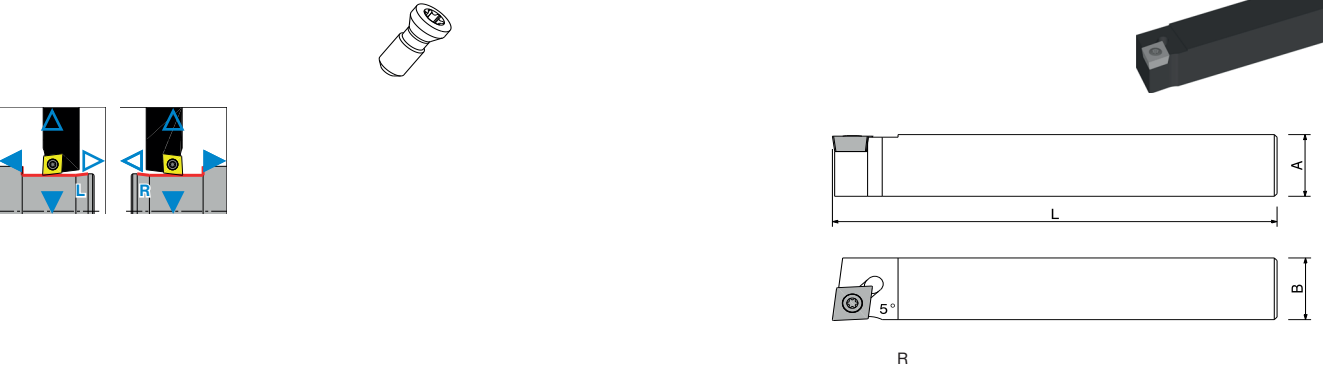
Le programme ISO propose différentes plaquettes en cermet qui sont particulièrement recommandées pour les opérations de finition nécessitant une très haute qualité d'état de surface dans les aciers au carbone et faiblement alliés.

Finitura con inserti in cermet

Il programma ISO offre diversi inserti in cermet, particolarmente indicati per le operazioni di finitura che richiedono una qualità superficiale molto elevata negli acciai al carbonio e basso legati.

SCLC

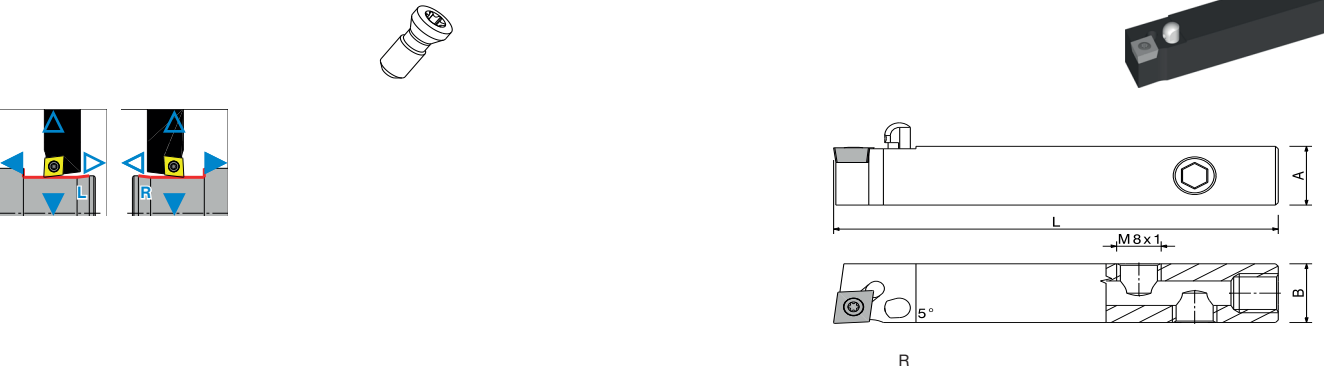
Porte-outils pour plaquettes C
Portautensili per inserti C



Plaquettes <i>Inserti</i>	Désignation <i>Designazione</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SCLCL				
CC**0602**	SCLCL/R 0808X 06	8 x 8 x 115	447515	447550
CC**0602**	SCLCL/R 1010X 06	10 x 10 x 115	447557	447551
CC**0602**	SCLCL/R 1212X 06	12 x 12 x 130	447558	447552
SCLCR				
CC**09T3**	SCLCL/R 1212X 09	12 x 12 x 130	447559	447553
CC**09T3**	SCLCL/R 1616X 09	16 x 16 x 130	447560	447554

SCLC-C

Porte-outils avec arrosage intégré pour plaquettes C
Portautensili con refrigerante integrato per inserti C



Plaquettes <i>Inserti</i>	Désignation <i>Designazione</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SCLCL-C				
CC**0602**	SCLCL/R 1010J 06-C	10 x 10 x 110	447672	447555
CC**0602**	SCLCL/R 1212J 06-C	12 x 12 x 110	447673	447556
SCLCR-C				
CC**09T3**	SCLCL/R 1212J 09-C	12 x 12 x 110	447674	447618
CC**09T3**	SCLCL/R 1616J 09-C	16 x 16 x 110	447675	447619

SCLC-Q

Porte-outils à changement rapide et arrosage intégré pour plaquettes C
 Portautensili a cambio rapido e refrigerante integrato per inserti C



Plaquettes Inserti	Désignation Designazione	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SCLCL-Q				
CC**0602**	SCLCL/R 1010X 06-Q	10 x 10 x 20	447676	447620
CC**0602**	SCLCL/R 1212X 06-Q	12 x 12 x 20	447677	447621
SCLCR-Q				
CC**09T3**	SCLCL/R 1212X 09-Q	12 x 12 x 25	447678	447622
CC**09T3**	SCLCL/R 1616X 09-Q	16 x 16 x 25	447679	447623

Q

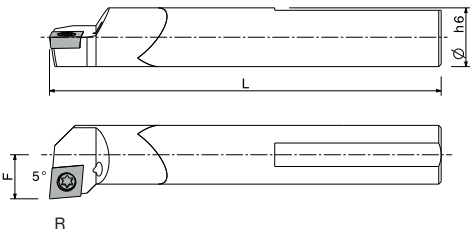
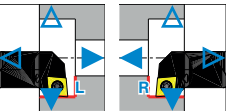
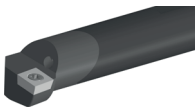
Corps pour porte-outils à changement rapide
 Corpo portautensili a cambio rapido



A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

E SCLC

Barres d'alesage en carbure avec arrosage intégré pour plaquettes C
Barre di alesatura in metallo duro con refrigerante integrato



Plaquettes <i>Inserti</i>	Désignation <i>Designazione</i>	Ø x L	Ø min.	F	Dir. L Art. N°	Dir. R Art. N°
E SCLCL						
CC**0602**	E08K SCLCL/R 06	8 x 125	9.0	5.0	450216	450220
CC**0602**	E10M SCLCL/R 06	10 x 150	12.0	7.0	450218	450222
CC**0602**	E12Q SCLCL/R 06	12 x 180	15.0	9.0	450219	450223
E SCLCR						
CC**09T3**	E12Q SCLCL/R 09	12 x 180	15.0	9.0	450224	450225

CCGT FN-GB03

Plaquettes polyvalentes avec arêtes de coupe à résistance élevée
Inserti polivalenti con spigoli di taglio a resistenza elevata

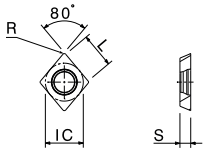
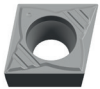


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Ebauche
Sgrossatura



Finition
Finitura



Désignation Designazione	IC	L	S	R	DWS Art. N°
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CCGT FN-GB03					
CCGT 0602005 FN-GB03	6.350	6.50	2.38	0.05	447429
CCGT 060201 FN-GB03	6.350	6.50	2.38	0.10	447430
CCGT 060202 FN-GB03	6.350	6.50	2.38	0.20	447431
CCGT 09T301 FN-GB03	9.525	9.70	3.97	0.10	447432
CCGT 09T302 FN-GB03	9.525	9.70	3.97	0.20	447433
CCGT 09T304 FN-GB03	9.525	9.70	3.97	0.40	447434

CCGT FN-GB12

Plaquettes avec excellentes acuité de coupe et maîtrise du copeau
Inserti con eccellente precisione di taglio e controllo del truciolo

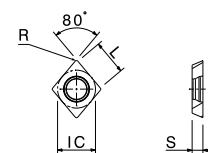
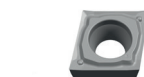


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Ebauche
Sgrossatura



Finition
Finitura



Désignation Designazione	IC	L	S	R	DWS Art.N°
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CCGT FN-GB12

CCGT 0602005 FN-GB12	6.350	6.50	2.38	0.05	447435
CCGT 060201 FN-GB12	6.350	6.50	2.38	0.10	447436
CCGT 060202 FN-GB12	6.350	6.50	2.38	0.20	447437
CCGT 09T301 FN-GB12	9.525	9.70	3.97	0.10	447438
CCGT 09T302 FN-GB12	9.525	9.70	3.97	0.20	447440
CCGT 09T304 FN-GB12	9.525	9.70	3.97	0.40	447441

CCGT EN-GG19

Plaquettes d'ébauche avec arêtes de coupe renforcées
Inserto di sgrossatura con spigoli taglienti rinforzati



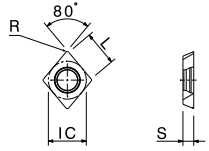
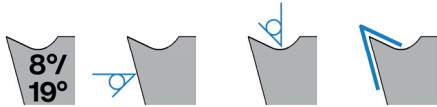
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Ebauche
Sgrossatura



Finition
Finitura

-



Désignation Designazione	IC	L	S	R	DWX Art. N°
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CCGT EN-GG19					
CCGT 060202 EN-GG19	6.350	6.50	2.38	0.20	447447
CCGT 060204 EN-GG19	6.350	6.50	2.38	0.40	447448
CCGT 060208 EN-GG19	6.350	6.50	2.38	0.80	447449
CCGT 09T301 EN-GG19	9.525	9.70	3.97	0.10	447450
CCGT 09T302 EN-GG19	9.525	9.70	3.97	0.20	447451
CCGT 09T304 EN-GG19	9.525	9.70	3.97	0.40	447452
CCGT 09T308 EN-GG19	9.525	9.70	3.97	0.80	447453

CCMT EN-GM15

Plaquettes d'ébauche de haute performance
Inserti di sgrossatura ad alte prestazioni

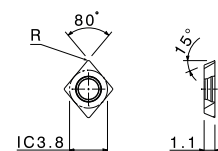
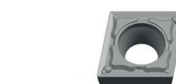
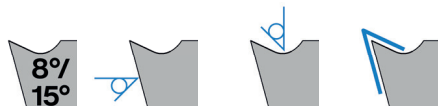


P1	P2	P3	P4	P5	M1	M2	M3	N1	N2
N3	N4	N5	N6	N7		S1	S2		

Ebauche
Sgrossatura



Finition
Finitura



Désignation Designazione	IC	L	S	R	DWX Art. N°
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CCMT EN-GM15

CCMT 060202 EN-GM15	6.350	6.50	2.38	0.20	447461
CCMT 060204 EN-GM15	6.350	6.50	2.38	0.40	447462
CCMT 060208 EN-GM15	6.350	6.50	2.38	0.80	447463
CCMT 09T302 EN-GM15	9.525	9.70	3.97	0.20	447464
CCMT 09T304 EN-GM15	9.525	9.70	3.97	0.40	447465
CCMT 09T308 EN-GM15	9.525	9.70	3.97	0.80	447466

CCGX FN-GA25

Plaquettes polies pour l'usinage des alliages d'aluminium
 Inserti lucidati per la lavorazione delle leghe di alluminio



N1 N2

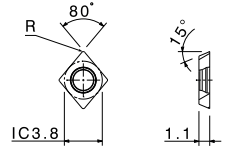
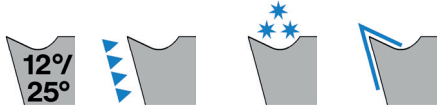
N3 N4 N5 N6 N7 N8 S1 S2 S3

Ebauche
Sgrossatura

►►

Finition
Finitura

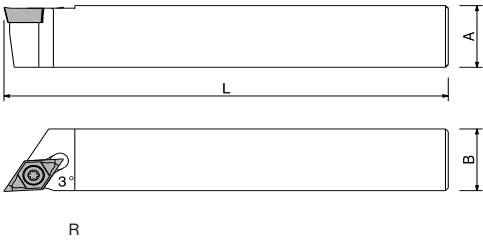
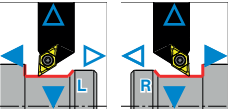
►►►



Désignation Designazione	IC	L	S	R	Non revêtu Non rivestito Art. N°
CCGX FN-GA25					
CCGX 060202 FN-GA25	6.350	6.50	2.38	0.20	439653
CCGX 060204 FN-GA25	6.350	6.50	2.38	0.40	438946
CCGX 060208 FN-GA25	6.350	6.50	2.38	0.80	447516
CCGX 09T302 FN-GA25	9.525	9.70	3.97	0.20	447517
CCGX 09T304 FN-GA25	9.525	9.70	3.97	0.40	440765
CCGX 09T308 FN-GA25	9.525	9.70	3.97	0.80	447518

SDJC

Porte-outils pour plaquettes D
Portautensili per inserti D



Plaquettes <i>Inserti</i>	Désignation <i>Designazione</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDJCL & SDJCR				
DC**0702**	SDJCL/R 0808X 07	8 x 8 x 115	447680	447628
DC**0702**	SDJCL/R 1010X 07	10 x 10 x 115	447681	447629
DC**0702**	SDJCL/R 1212X 07	12 x 12 x 130	447682	447630
DC**11T3**	SDJCL/R 1212X 11	12 x 12 x 130	447683	447631
DC**11T3**	SDJCL/R 1616X 11	16 x 16 x 130	447684	447632

SDJC-C

Porte-outils avec arrosage intégré pour plaquettes D
Portautensili con refrigerante integrato per inserti D



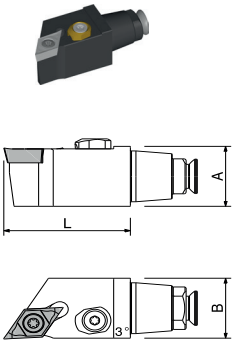
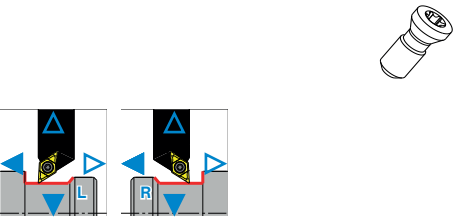
Plaquettes Inserti	Désignation Designazione	A x B x L	Dir. L Art. N°	Dir. R Art. N°
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SDJCL-C & SDJCR-C

DC**0702**	SDJCL/R 1010J 07-C	10 x 10 x 110	447685	447633
DC**0702**	SDJCL/R 1212J 07-C	12 x 12 x 110	447686	447634
DC**11T3**	SDJCL/R 1212J 11-C	12 x 12 x 110	447687	447635
DC**11T3**	SDJCL/R 1616J 11-C	16 x 16 x 110	447688	447636

SDJC-Q

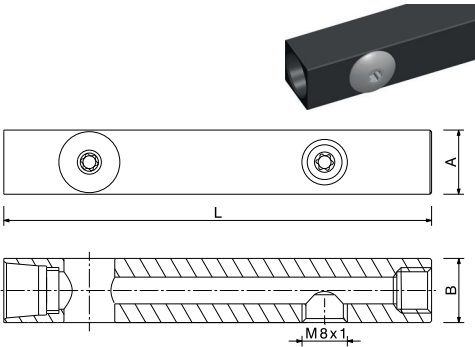
Porte-outils à changement rapide et arrosage intégré pour plaquettes D
Portautensili a cambio rapido e refrigerante integrato per inserti D



Plaquettes Inserti	Désignation Designazione	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SDJCL-Q & SDJCR-Q				
DC**0702**	SDJCL/R 1010X 07-Q	10 x 10 x 20	447689	447637
DC**0702**	SDJCL/R 1212X 07-Q	12 x 12 x 20	447690	447638
DC**11T3**	SDJCL/R 1212X 11-Q	12 x 12 x 25	447691	447639
DC**11T3**	SDJCL/R 1616X 11-Q	16 x 16 x 25	447692	447640

Q

Corps pour porte-outils à changement rapide
Corpo portautensili a cambio rapido



A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

E SDUC

Barres d'alésage en carbure avec arrosage intégré pour plaquettes D
Barre di alesatura in metallo duro con refrigerante integrato per inserti D



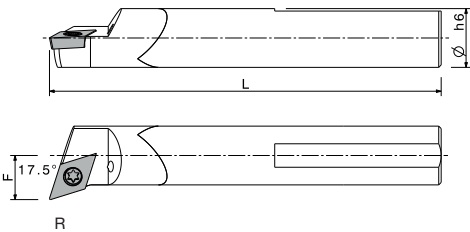
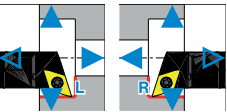
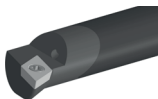
Plaquettes Inserti	Désignation Designazione	Ø x L	Ø min.	F	Dir. L Art. N°	Dir. R Art. N°
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E SDUCL & E SDUCR

DC**0702**	E10M SDUCL/R 07	10 x 150	12.5	7.0	450226	450228
DC**0702**	E12Q SDUCL/R 07	12 x 180	15.5	9.0	450227	450229

E SDQC

Barres d'alesage en carbure avec arrosage intégré pour plaquettes D
Barre di alesatura con refrigerante integrato per inserti D



Plaquettes Inserti	Désignation Designazione	Ø x L	Ø min.	F	Dir. L Art. N°	Dir. R Art. N°
E SDQCL & E SDQCR						
DC**0702**	E08K SDQCL/R 07	8 x 125	11.5	6.5	450230	450233
DC**0702**	E10M SDQCL/R 07	10 x 150	12.5	7.0	450231	450234
DC**0702**	E12Q SDQCL/R 07	12 x 180	15.5	9.0	450232	450235

DCGT FN-GB03

Plaquettes polyvalentes avec arêtes de coupe à résistance élevée
Inserti polivalenti con spigoli taglienti a resistenza elevata

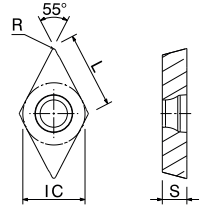
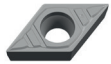
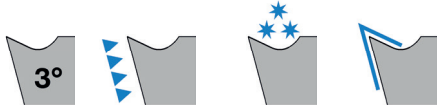


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Ebauche
Sgrossatura



Finition
Finitura



Désignation Designazione	IC	L	S	R	DWS Art. N°
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DCGT FN-GB03					
DCGT 070201 FN-GB03	6.350	7.80	2.38	0.10	447467
DCGT 070202 FN-GB03	6.350	7.80	2.38	0.20	447468
DCGT 070204 FN-GB03	6.350	7.80	2.38	0.40	447469
DCGT 11T301 FN-GB03	9.525	11.60	3.97	0.10	447470
DCGT 11T302 FN-GB03	9.525	11.60	3.97	0.20	447473
DCGT 11T304 FN-GB03	9.525	11.60	3.97	0.40	447474

DCGT FN-GB12

Plaquettes avec excellentes acuité de coupe et maîtrise du copeau
 Inserti con eccellente precisione di taglio e controllo del truciolo

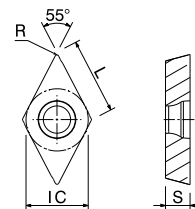
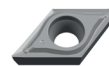


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Ebauche
Sgrossatura



Finition
Finitura



Désignation Designazione	IC	L	S	R	DWS Art. N°
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DCGT FN-GB12

DCGT 070201 FN-GB12	6.350	7.80	2.38	0.10	443164
DCGT 070202 FN-GB12	6.350	7.80	2.38	0.20	447481
DCGT 11T301 FN-GB12	9.525	11.60	3.97	0.10	447482
DCGT 11T302 FN-GB12	9.525	11.60	3.97	0.20	447483
DCGT 11T304 FN-GB12	9.525	11.60	3.97	0.40	447484

DCGT EN-GG19

Plaquettes d'ébauche avec arêtes de coupe renforcées
Inserti di sgrossatura con spigoli di taglio rinforzati



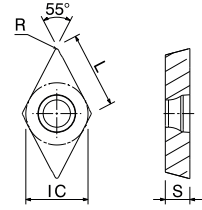
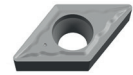
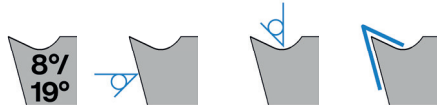
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2			

Ebauche
Sgrossatura



Finition
Finitura

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Désignation Designazione	IC	L	S	R	DWX Art. N°
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DCGT EN-GG19

DCGT 070201 EN-GG19	6.350	7.80	2.38	0.10	447485
DCGT 070202 EN-GG19	6.350	7.80	2.38	0.20	447486
DCGT 070204 EN-GG19	6.350	7.80	2.38	0.40	447487
DCGT 070208 EN-GG19	6.350	7.80	2.38	0.80	447488
DCGT 11T302 EN-GG19	9.525	11.60	3.97	0.20	447490
DCGT 11T304 EN-GG19	9.525	11.60	3.97	0.40	447491
DCGT 11T308 EN-GG19	9.525	11.60	3.97	0.80	447492

DCMT EN-GM15

Plaquettes d'ébauche de haute performance
Inserti di sgrossatura ad alte prestazioni



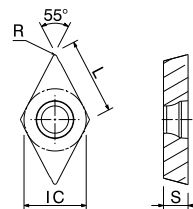
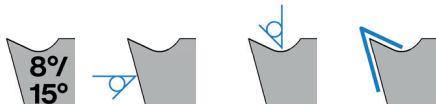
P1	P2	P3	P4	P5	M1	M2	M3	N1	N2
N3	N4	N5	N6	N7		S1	S2		

Ebauche
Sgrossatura



Finition
Finitura

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Désignation Designazione	IC	L	S	R	DWX Art. N°
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DCMT EN-GM15

DCMT 070202 EN-GM15	6.350	7.80	2.38	0.20	447493
DCMT 070204 EN-GM15	6.350	7.80	2.38	0.40	446545
DCMT 070208 EN-GM15	6.350	7.80	2.38	0.80	446546
DCMT 11T302 EN-GM15	9.525	11.60	3.97	0.20	447496
DCMT 11T304 EN-GM15	9.525	11.60	3.97	0.40	447497
DCMT 11T308 EN-GM15	9.525	11.60	3.97	0.80	447498

DCGT FL/FR-GP15

Plaquettes de super finition pour faibles profondeurs de passe
 Inserti di superfinitura per basse profondita di passata



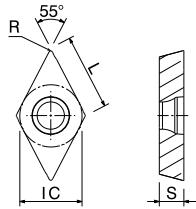
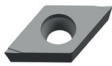
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Ebauche
Sgrossatura

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Finition
Finitura

► ► ►



Désignation Designazione	IC	L	S	R	DWS Art. N°	Cermet Art. N°
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DCGT FL-GP15 & DCGT FR-GP15

DCGT 11T3005 FL-GP15	9.525	11.60	3.97	0.05	447520	447524
DCGT 11T301 FL-GP15	9.525	11.60	3.97	0.10	445025	438924
DCGT 11T302 FL-GP15	9.525	11.60	3.97	0.20	447521	447525
DCGT 11T3005 FR-GP15	9.525	11.60	3.97	0.05	447522	447526
DCGT 11T301 FR-GP15	9.525	11.60	3.97	0.10	445024	438510
DCGT 11T302 FR-GP15	9.525	11.60	3.97	0.20	447523	447527

DCGX FN-GA25

Plaquettes polies pour l'usinage des alliages d'aluminium
Inserti lucidati per la lavorazione delle leghe di alluminio



N1 N2

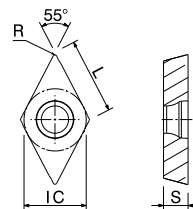
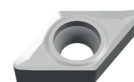
N3 N4 N5 N6 N7 N8 S1 S2 S3

Ebauche
Sgrossatura

►►

Finition
Finitura

►►►



Désignation Designazione	IC	L	S	R	Non revêtu Non rivestito Art. N°
DCGX FN-GA25					
DCGX 070202 FN-GA25	6.350	7.80	2.38	0.20	440033
DCGX 070204 FN-GA25	6.350	7.80	2.38	0.40	438945
DCGX 070208 FN-GA25	6.350	7.80	2.38	0.80	447528
DCGX 11T302 FN-GA25	9.525	11.60	3.97	0.20	438376
DCGX 11T304 FN-GA25	9.525	11.60	3.97	0.40	440753
DCGX 11T308 FN-GA25	9.525	11.60	3.97	0.80	447529

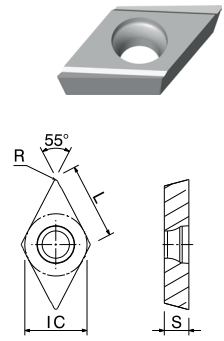
DCET FL/FR-DG15

Plaquettes polyvalentes de super finition
Inserti polivalenti di superfinitura



P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Ebauche Sgrossatura
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Finition Finitura
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Désignation Designazione	IC	L	S	R	D20 Art. N°	D60 Art. N°
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DCET FL-DG15 & DCET FR-DG15

DCET 0702003 FL-DG15	6.350	7.80	2.38	0.03	418229	418251
DCET 070201 FL-DG15	6.350	7.80	2.38	0.10	418230	418252
DCET 070202 FL-DG15	6.350	7.80	2.38	0.20	418231	418253
DCET 070204 FL-DG15	6.350	7.80	2.38	0.40	418232	418254
DCET 0702003 FR-DG15	6.350	7.80	2.38	0.03	418233	418255
DCET 070201 FR-DG15	6.350	7.80	2.38	0.10	418234	418256
DCET 070202 FR-DG15	6.350	7.80	2.38	0.20	418235	418257
DCET 070204 FR-DG15	6.350	7.80	2.38	0.40	418236	418258
DCET 11T3005 FL-DG15	9.525	11.60	3.37	0.05	418237	418259
DCET 11T301 FL-DG15	9.525	11.60	3.37	0.10	418238	418260
DCET 11T302 FL-DG15	9.525	11.60	3.37	0.20	418239	418261
DCET 11T304 FL-DG15	9.525	11.60	3.37	0.40	418240	418262
DCET 11T308 FL-DG15	9.525	11.60	3.37	0.80	418241	418263
DCET 11T3005 FR-DG15	9.525	11.60	3.37	0.05	418242	418264
DCET 11T301 FR-DG15	9.525	11.60	3.37	0.10	418243	418265
DCET 11T302 FR-DG15	9.525	11.60	3.37	0.20	418244	418266
DCET 11T304 FR-DG15	9.525	11.60	3.37	0.40	418245	418267
DCET 11T308 FR-DG15	9.525	11.60	3.37	0.80	418246	418268

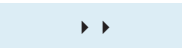
DCGT FN-DS15

Plaquettes polyvalentes d'ébauche et semi-finition
Inserti polivalenti di sgrossatura e semifinitura

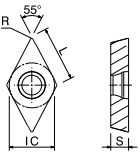
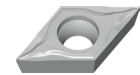
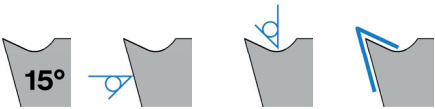
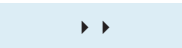


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Ebauche
Sgrossatura



Finition
Finitura



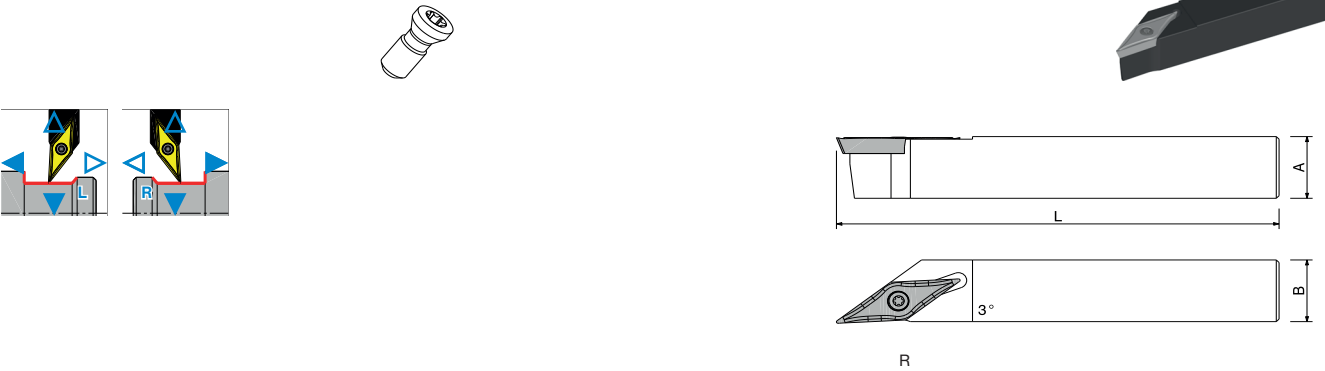
Désignation Designazione	IC	L	S	R	D20 Art. N°	D30 Art. N°	D60 Art. N°
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DCGT EN-DS15

DCGT 11T302 EN-DS15	9.525	11.60	3.37	0.20	427451	427452	427453
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SVJC

Porte-outils pour plaquettes V
Portautensili per inserti V



Plaquettes <i>Inserti</i>	Désignation <i>Designazione</i>	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL & SVJCR				
VC**1103**	SVJCL/R 0808X 11	8 x 8 x 115	447693	447644
VC**1103**	SVJCL/R 1010X 11	10 x 10 x 115	447694	447645
VC**1103**	SVJCL/R 1212X 11	12 x 12 x 130	447695	447646
VC**1303**	SVJCL/R 1010X 13	10 x 10 x 115	447696	447647
VC**1303**	SVJCL/R 1212X 13	12 x 12 x 130	447697	447648
VC**1303**	SVJCL/R 1616X 13	16 x 16 x 130	447698	447649
VC**1604**	SVJCL/R 1212X 16	12 x 12 x 130	453510	453512
VC**1604**	SVJCL/R 1616X 16	16 x 16 x 130	453511	453513

SVJC-C

Porte-outils avec arrosage intégré pour plaquettes V
Portautensili con refrigerante integrato per inserti V



Plaquettes Inserti	Désignation Designazione	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL-C & SVJCR-C				
VC**1103**	SVJCL/R 1010J 11-C	10 x 10 x 110	447699	447650
VC**1103**	SVJCL/R 1212J 11-C	12 x 12 x 110	447700	447651
VC**1303**	SVJCL/R 1010J 13-C	10 x 10 x 110	447701	447652
VC**1303**	SVJCL/R 1212J 13-C	12 x 12 x 110	447702	447653
VC**1303**	SVJCL/R 1616J 13-C	16 x 16 x 110	447703	447654
VC**1604**	SVJCL/R 1212J 16-C	12 x 12 x 110	453514	453516
VC**1604**	SVJCL /R 1616J 16-C	16 x 16 x 110	453515	453517

SVJC-Q

Porte-outils à changement rapide et arrosage intégré pour plaquettes V
Portautensili a cambio rapido e refrigerante integrato per inserti V



Plaquettes Inserti	Désignation Designazione	A x B x L	Dir. L Art. N°	Dir. R Art. N°
SVJCL-Q & SVJCR-Q				
VC**1103**	SVJCL/R 1010X 11-Q	10 x 10 x 25	447704	447655
VC**1103**	SVJCL/R 1212X 11-Q	12 x 12 x 25	447705	447656
VC**1303**	SVJCL/R 1212X 13-Q	12 x 12 x 30	447706	447657
VC**1303**	SVJCL/R 1616X 13-Q	16 x 16 x 30	447707	447658
VC**1604**	SVJCL/R 1616X 16-Q	16 x 16 x 35	453518	453519

Q

Corps pour porte-outils à changement rapide
Corpo portautensili a cambio rapido



A x B x L	Art. N°
Q	
10 x 10 x 80	448013
12 x 12 x 80	448014
16 x 16 x 80	448015

VCGT FN-GB03

Plaquettes polyvalentes avec arêtes de coupe à résistance élevée
Inserti polivalenti con spigoli taglienti a resistenza elevata

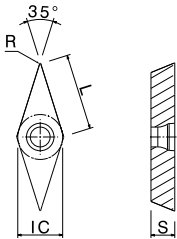
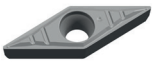
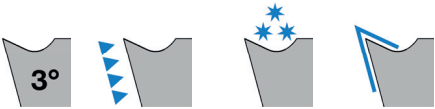


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7		S1	S2	S3	H1	H2

Ebauche
Sgrossatura



Finition
Finitura



Désignation <i>Designazione</i>	IC	L	S	R	DWS Art. N°
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VCGT FN-GB03					
VCGT 110301 FN-GB03	6.350	11.20	3.18	0.10	447508
VCGT 110302 FN-GB03	6.350	11.20	3.18	0.20	447509

VCGT FN-GB12

Plaquettes avec excellentes acuité de coupe et maîtrise du copeau
 Inserti con eccellente precisione di taglio e controllo del truciolo

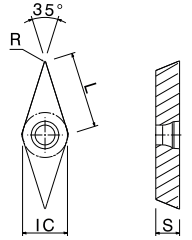
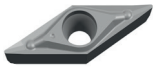
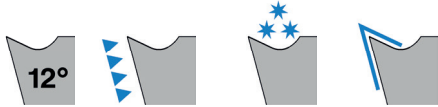


P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Ebauche
Sgrossatura



Finition
Finitura



Désignation Designazione	IC	L	S	R	DWS Art. N°
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VCGT FN-GB12					
VCGT 110301 FN-GB12	6.350	11.20	3.18	0.10	447510
VCGT 110302 FN-GB12	6.350	11.20	3.18	0.20	447511

VPGT EL/ER-GG30

Plaquettes de finition pour grandes profondeurs de passe
Inserti di finitura per grande profondità di passata



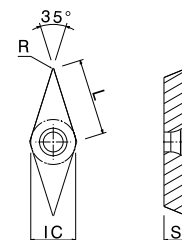
P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Ebauche
Sgrossatura

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Finition
Finitura

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Désignation Designazione	IC	L	S	R	DWS Art. N°	Cermet Art. N°
VPGT FL-GG30						
VPGT 1103005 FL-GG30	6.350	11.20	3.18	0.05	447512	
VPGT 110301 FL-GG30	6.350	11.20	3.18	0.10	447513	
VPGT FR-GG30						
VPGT 1103005 FR-GG30	6.350	11.20	3.18	0.05	447514	
VPGT 110301 FR-GG30	6.350	11.20	3.18	0.10	447533	447542
VPGT 110302 FR-GG30	6.350	11.20	3.18	0.20	447534	447543

VBGT EL/ER-GG30

Plaquettes de finition pour grandes profondeurs de passe
Inserti di finitura per grande profondita di passata



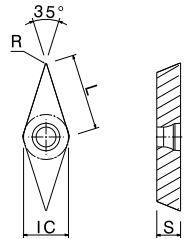
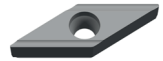
P1	P2	P3	P4	P5	M1	M2	M3		N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3		

Ebauche
Sgrossatura

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Finition
Finitura

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Désignation Designazione	IC	L	S	R	DWS Art. N°	Cermet Art. N°
VBGT FL-GG30						
VBGT 1103005 FL-GG30	6.350	11.20	3.18	0.05	447535	
VBGT 110301 FL-GG30	6.350	11.20	3.18	0.10	447536	
VBGT FR-GG30						
VBGT 1103005 FR-GG30	6.350	11.20	3.18	0.05	438638	
VBGT 110301 FR-GG30	6.350	11.20	3.18	0.10	438639	447544
VBGT 110302 FR-GG30	6.350	11.20	3.18	0.20	447537	447545

VPGT FL/FR-GP15

Plaquettes de super finition pour faibles profondeurs de passe
Inserti di superfinitura per piccole profondita di passata



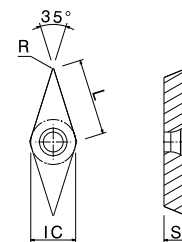
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Ebauche
Sgrossatura

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Finition
Finitura

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Désignation Designazione	IC	L	S	R	DWS Art. N°	Cermet Art. N°
VPGT FL-GP15						
VPGT 110301 FL-GP15	6.350	11.20	3.18	0.10	447538	447546
VPGT 110302 FL-GP15	6.350	11.20	3.18	0.20	447539	447547
VPGT FR-GP15						
VPGT 110301 FR-GP15	6.350	11.20	3.18	0.10	447540	447548
VPGT 110302 FR-GP15	6.350	11.20	3.18	0.20	447541	447549

VCGX FN-GA25

Plaquettes polies pour l'usinage des alliages d'aluminium
Inserti lucidati per lavorazione di leghe di alluminio



N1 N2

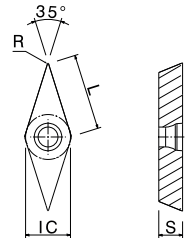
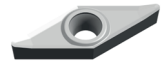
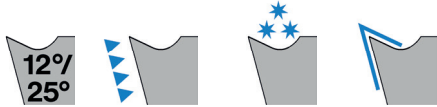
N3 N4 N5 N6 N7 N8 S1 S2 S3

Ebauche
Sgrossatura

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Finition
Finitura

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Désignation <i>Designazione</i>	IC	L	S	R	Non revêtu <i>Non rivestito</i> Art. N°
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VCGX FN-GA25

VCGX 110302 FN-GA25	6.350	11.20	3.18	0.20	441152
VCGX 110304 FN-GA25	6.350	11.20	3.18	0.40	447236
VCGX 110308 FN-GA25	6.350	11.20	3.18	0.80	447530
VCGX 160402 FN-GA25	9.525	16.60	4.76	0.20	447531
VCGX 160404 FN-GA25	9.525	16.60	4.76	0.40	438947
VCGX 160408 FN-GA25	9.525	16.60	4.76	0.80	447532

VCET FL/FR-DG15

Plaquettes polyvalentes de super finition
Inserti polivalenti di superfinitura



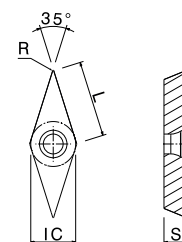
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Ebauche
Sgrossatura

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Finition
Finitura

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Désignation Designazione	IC	L	S	R	D20 Art. N°	D60 Art. N°
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VCET FL-DG15

VCET 130302 FL-DG15	7.940	14.00	3.18	0.20	424480	424486
VCET 130304 FL-DG15	7.940	14.00	3.18	0.40	424481	424487
VCET 130308 FL-DG15	7.940	14.00	3.18	0.80	424482	424488

VCET FR-DG15

VCET 130302 FR-DG15	7.940	14.00	3.18	0.20	424483	424489
VCET 130304 FR-DG15	7.940	14.00	3.18	0.40	424484	424490
VCET 130308 FR-DG15	7.940	14.00	3.18	0.80	424485	424491

VCGT FN-DN12

Plaquettes polyvalentes de finition
 Inserti polivalenti di finitura



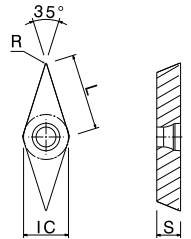
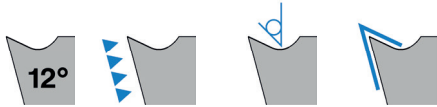
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	

Ebauche
 Sgrossatura

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Finition
 Finitura

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Désignation Designazione	IC	L	S	R	D20 Art N°	D30 Art N°	D60 Art N°
VCGT FN-DN12							
VCGT 1103005 FN-DN12	6.350	11.20	3.18	0.05	418247		418269
VCGT 1103008 FN-DN12	6.350	11.20	3.18	0.08	418248		418270
VCGT 110302 FN-DN12	6.350	11.20	3.18	0.20	418249	427450	418271

VCGT FL/FR-DR12

Plaquettes polyvalentes de finition
Inserti polivalenti di finitura



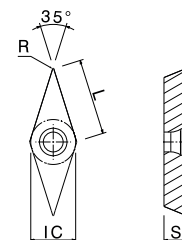
P1	P2	P3	P4	P5	M1	M2	M3	K1	N1	N2
N3	N4	N5	N6	N7	N8	S1	S2	S3	H1	H2

Ebauche
Sgrossatura

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Finition
Finitura

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Désignation Designazione	IC	L	S	R	D20 Art N°	D30 Art N°	D60 Art N°
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VCGT FL-DR12

VCGT 1103000 FL-DR12	6.350	11.20	3.18	0.00	423685	423691	423697
VCGT 1103008 FL-DR12	6.350	11.20	3.18	0.08	423686	423692	423698
VCGT 110302 FL-DR12	6.350	11.20	3.18	0.20	423687	423693	423699

VCGT FR-DR12

VCGT 1103000 FR-DR12	6.350	11.20	3.18	0.00	423688	423694	423700
VCGT 1103008 FR-DR12	6.350	11.20	3.18	0.08	423689	423695	423701
VCGT 110302 FR-DR12	6.350	11.20	3.18	0.20	423690	423696	423702

VCGX FN-DV15

Plaquettes polies pour l'usinage des alliages d'aluminium
Inserti lucidati per la lavorazione delle leghe di alluminio



N1 N2

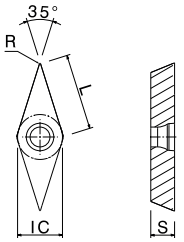
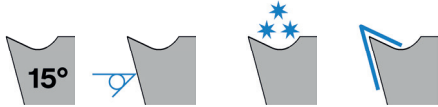
N3 N4 N5 N6 N7 N8 S1 S2 S3

Ebauche
Sgrossatura

►►

Finition
Finitura

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Désignation Designazione	IC	L	S	R	Non revêtu Non rivestito Art. N°	D90 Art. N°
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VCGX EN-DV15						
VCGX 1103008 EN-DV15	6.350	11.20	3.18	0.08	427448	427449
VCGX 110302 EN-DV15	6.350	11.20	3.18	0.20	427446	427447

Désignation Designazione		
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Vis et tournevis pour plaquettes
Vite e cacciavite per inserti

SCLC* ***** 06	T8 M2.5 x 7.8	450437	T8	450440
SCLC* ***** 09	T15 M4.0 x 9.0	450438	T15	450441
SDJC* ***** 07	T8 M2.5 x 7.8	450437	T8	450440
SDJC* ***** 11	T15 M4.0 x 9.0	450438	T15	450441
SVJC* ***** 11	T8 M2.5 x 7.8	450437	T8	450440
SVJC* ***** 13	T8 M3.0 x 7.3	450439	T8	450440
SVJC* ***** 16	T15 M4.0 x 9.0	450438	T15	450441
E*** SCLC* 06	T8 M2.5 x 5.5	450280	T8	450440
E*** SCLC* 09	TP15 M3.5 x 8.3	450281	TP15	436801
E*** SD*C* 07	T8 M2.5 x 5.5	450280	T8	450440

Désignation Designazione			
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Pièces pour porte-outils avec arrosage intégré
Pezzi per portautensili con refrigerante integrato

S**CL 1010* **-C	450445	450451
S**CL 1212* **-C	450446	450451
S**CL 1616* **-C	450447	450451
S**CR 1010* **-C	450448	450451
S**CR 1212* **-C	450449	450451
S**CR 1616* **-C	450450	450451

Désignation Designazione			
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Pièces pour porte-outils à changement rapide et arrosage intégré
Pezzi per portautensili a cambio rapido e refrigerante integrato

S**C* 10x10x120-Q	450436	T6	305184	450442
S**C* 12x12x120-Q	450436	T6	305184	450443
S**C* 16x16x120-Q	450436	T6	305184	450444

Désignation Designazione				
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Pièces pour corps pour porte-outils à changement rapide
Pezzi per corpi per portautensili a cambio rapido

Q10	450453	450456	450459	450451
Q12	450454	450457	450459	450451
Q16	450455	450458	450460	450451



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