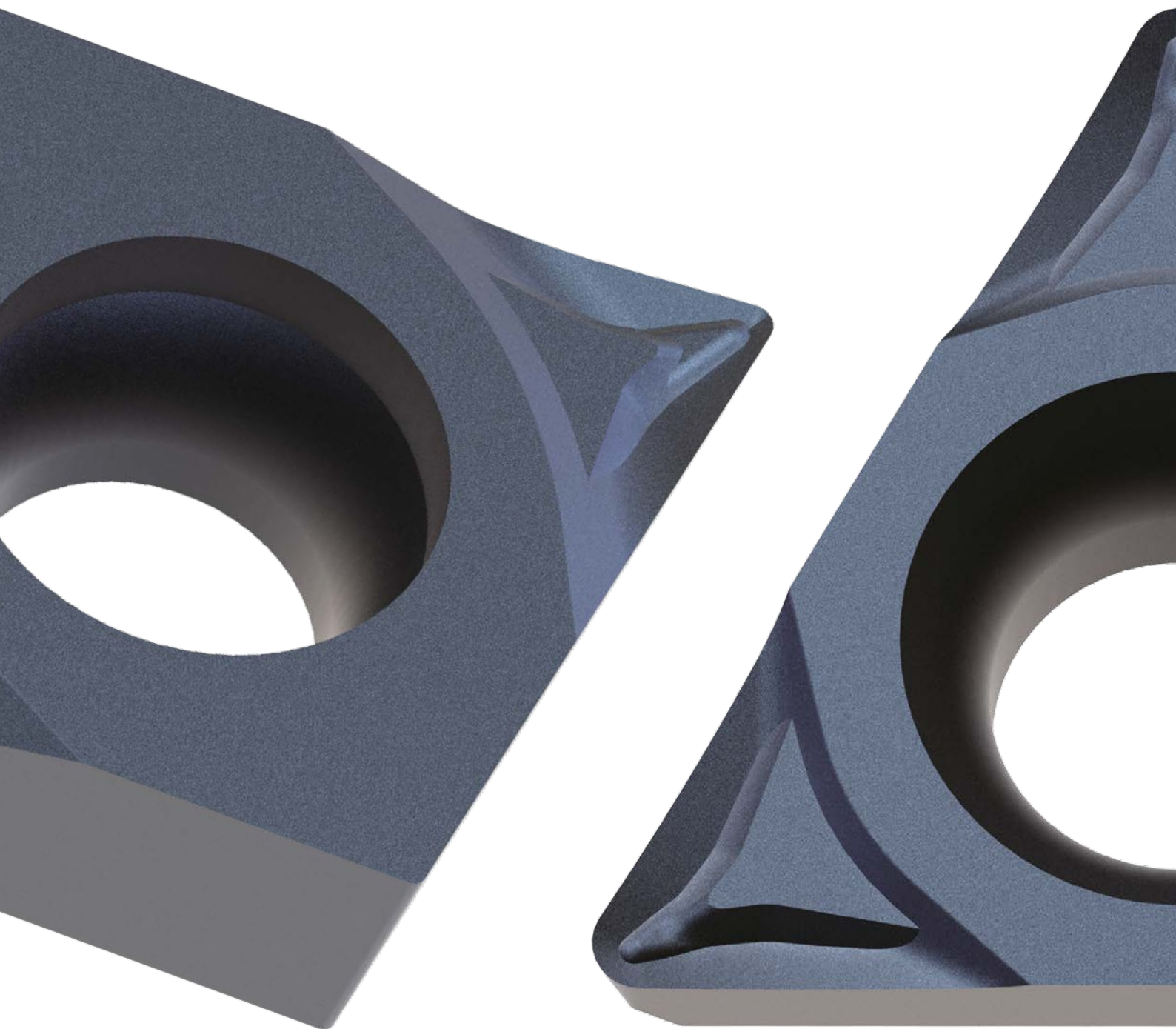


NEW

BRISE-COPEAUX FSF/FSF-P

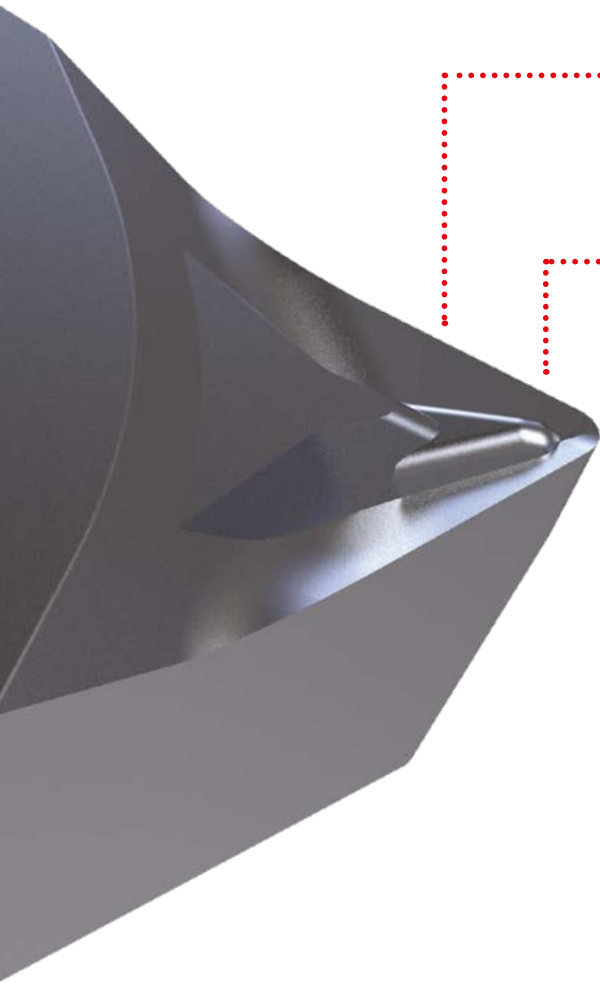
PLAQUETTES POUR LE DÉCOLLETAGE ET LA FINITION

B210F-I



BRISE-COPEAUX FSF/FSP-P

PLAQUETTES POUR LE DÉCOLLETAGE ET LA FINITION



GRANDE ACUITÉ

L'angle de coupe important de 25° assure une grande acuité et donne d'excellents états de surface.

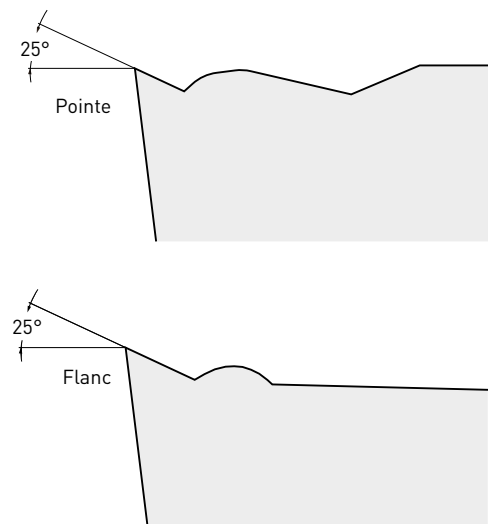
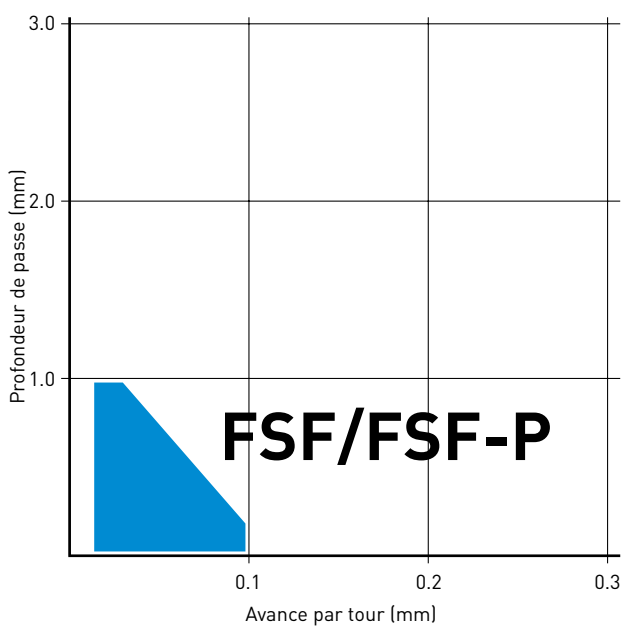
FAIBLES EFFORTS DE COUPE

Idéal pour les opérations d'alésage.

BRISE-COPEAUX 3D

Contrôle du copeau optimal sur une large plage de profondeur de passe.

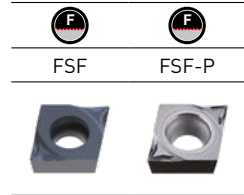
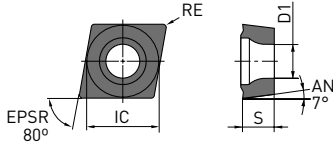
PLAGE D'APPLICATION





CCGT

PLAQUETTES POSITIVES 7° À TROU

Classe G



Référence	 	MP9025	MS7025	MS9025	VP30RT	HT110	IC	S	RE	D1
CCGT03S101M-FSF	F	●					3.97	1.39	0.1	2.0
CCGT03S102M-FSF	F	●					3.97	1.39	0.2	2.0
CCGT04T001M-FSF	F	●					4.76	1.79	0.1	2.4
CCGT04T002M-FSF	F	●					4.76	1.79	0.2	2.4
CCGT060201M-FSF	F	●					6.35	2.38	0.1	2.8
CCGT060202M-FSF	F	●					6.35	2.38	0.2	2.8
CCGT060204M-FSF	F	●					6.35	2.38	0.4	2.8
CCGT03S101M-FSF-P	F		●	●			3.97	1.39	0.1	2.0
CCGT03S102M-FSF-P	F		●	●			3.97	1.39	0.2	2.0
CCGT04T001M-FSF-P	F		●	●			4.76	1.79	0.1	2.4
CCGT04T002M-FSF-P	F		●	●			4.76	1.79	0.2	2.4
CCGT0602V5M-FSF-P	F		●		●		6.35	2.38	0.05	2.8
CCGT060201M-FSF-P	F		●	●	●		6.35	2.38	0.1	2.8
CCGT060202M-FSF-P	F		●	●	●		6.35	2.38	0.2	2.8
CCGT060204M-FSF-P	F		●	●	●		6.35	2.38	0.4	2.8
CCGT09T3V5M-FSF-P	F		●		●		9.525	3.97	0.05	4.4
CCGT09T301M-FSF-P	F		●	●	●		9.525	3.97	0.1	4.4
CCGT09T302M-FSF-P	F		●		●		9.525	3.97	0.2	4.4
CCGT09T304M-FSF-P	F		●		●		9.525	3.97	0.4	4.4

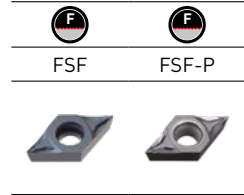
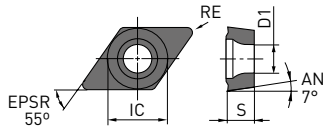
1/1





DCGT

PLAQUETTES POSITIVES 7° À TROU

Classe G



Référence	 	MP9025	MS7025	MS9025	VP30RT	HT110	IC	S	RE	D1
DCGT070201M-FSF	F	●					6.35	2.38	0.1	2.8
DCGT070202M-FSF	F	●					6.35	2.38	0.2	2.8
DCGT11T301M-FSF	F	●					9.525	3.97	0.1	4.4
DCGT11T302M-FSF	F	●					9.525	3.97	0.2	4.4
DCGT0702V5M-FSF-P	F		●		●		6.35	2.38	0.05	2.8
DCGT070201M-FSF-P	F		●	●	●		6.35	2.38	0.1	2.8
DCGT070202M-FSF-P	F		●	●	●		6.35	2.38	0.2	2.8
DCGT11T3V5M-FSF-P	F		●		●		9.525	3.97	0.05	4.4
DCGT11T301M-FSF-P	F		●	●	●		9.525	3.97	0.1	4.4
DCGT11T302M-FSF-P	F		●	●	●		9.525	3.97	0.2	4.4
DCGT11T304M-FSF-P	F		●		●		9.525	3.97	0.4	4.4

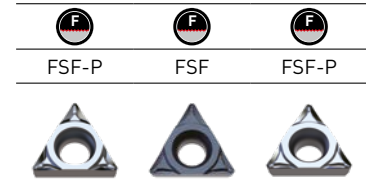
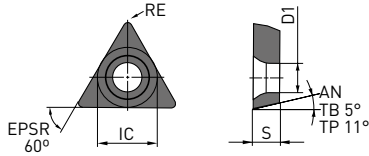
1/1





TBGT, TPGH

PLAQUETTES POSITIVES 5°, 11° À TROU

Classe G



Référence	 	MP9025	MS7025	MS9025	VP30RT	HT110	IC	S	RE	D1
TBGT060101M-FSF-P	F		●	●	●		3.97	1.59	0.1	2.3
TBGT060102M-FSF-P	F		●		●		3.97	1.59	0.2	2.3
TPGH090201M-FSF	F	●					5.56	2.38	0.1	2.9
TPGH090202M-FSF	F	●					5.56	2.38	0.2	2.9
TPGH090204M-FSF	F	●					5.56	2.38	0.4	2.9
TPGH080201M-FSF-P	F		●	●	●		4.76	2.38	0.1	2.4
TPGH080202M-FSF-P	F		●		●		4.76	2.38	0.2	2.4
TPGH090201M-FSF-P	F		●	●	●		5.56	2.38	0.1	2.9
TPGH090202M-FSF-P	F		●	●	●		5.56	2.38	0.2	2.9
TPGH090204M-FSF-P	F		●	●	●		5.56	2.38	0.4	2.9

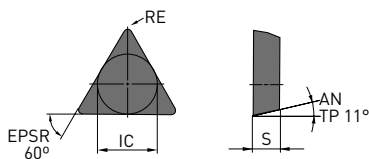
1/1



TPGB



PLAQUETTES POSITIVES 11° (SANS TROU)

Classe G



Arête de coupe renforcée
Sans brise-copeaux



Référence	 	MP9025	MS7025	MS9025	VP30RT	HT110	IC	S	RE	D1
TPGB110201	M					●	6.35	2.38	0.1	—
TPGB110202	M					●	6.35	2.38	0.2	—
TPGB110204	M					●	6.35	2.38	0.4	—
TPGB160304	M					●	9.525	3.18	0.4	—
TPGB160308	M					●	9.525	3.18	0.8	—
TPGB080202	M					●	4.76	2.38	0.2	—
TPGB080204	M					●	4.76	2.38	0.4	—
TPGB080208	M					●	4.76	2.38	0.8	—
TPGB090202	M					●	5.56	2.38	0.2	—
TPGB090204	M					●	5.56	2.38	0.4	—
TPGB1102V5	M					●	6.35	2.38	0.05	—
TPGN090202	—					●	5.56	2.38	0.2	—
TPGN090204	—					●	5.56	2.38	0.4	—
TPGN090208	—					●	5.56	2.38	0.8	—

1/1

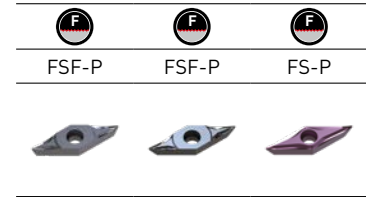
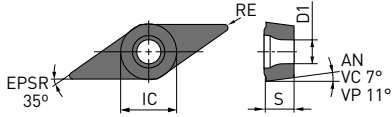
● : Article stocké. ★ : Article stocké au Japon.



VCGT, VPGT

PLAQUETTES POSITIVES 7°, 11° À TROU

Classe G



Référence		MP9025	MS7025	MS9025	VP30RT	HT110	IC	S	RE	D1
VCGT110301M-FSF-P	F		●	●	●		6.35	3.18	0.1	2.8
VCGT110302M-FSF-P	F		●		●		6.35	3.18	0.2	2.8
VCGT110304M-FSF-P	F		●		●		6.35	3.18	0.4	2.8
VPGT110301M-FSF-P	F		●	●	●		6.35	3.18	0.1	2.9
VPGT110302M-FSF-P	F		●		●		6.35	3.18	0.2	2.9
VPGT110304M-FSF-P	F		●		●		6.35	3.18	0.4	2.9
VPGT110301M-FS-P	F		●		●		6.35	3.18	0.1	2.9
VPGT110302M-FS-P	F		●		●		6.35	3.18	0.2	2.9

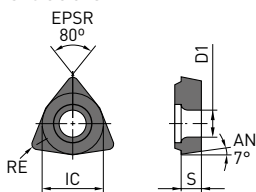
1/1



WCGT

PLAQUETTES POSITIVES 7° À TROU

Classe G



Référence		MP9025	MS7025	MS9025	VP30RT	HT110	IC	S	RE	D1
WCGT020101M-FSF-P	F		●	●	●		3.97	1.59	0.1	2.3
WCGT020102M-FSF-P	F		●	●	●		3.97	1.59	0.2	2.3
WCGTL30201M-FSF-P	F		●	●	●		4.76	2.38	0.1	2.3
WCGTL30202M-FSF-P	F		●	●	●		4.76	2.38	0.2	2.3
WCGT040201M-FSF-P	F		●	●	●		6.35	2.38	0.1	2.8
WCGT040202M-FSF-P	F		●	●	●		6.35	2.38	0.2	2.8
WCGT06T301M-FSF-P	F			●			9.525	3.97	0.1	4.4
WCGT06T302M-FSF-P	F		●	●	●		9.525	3.97	0.2	4.4
WCGT06T304M-FSF-P	F		●		●		9.525	3.97	0.4	4.4



1/1



BRISE-COPEAUX FSF/FSP-P

CONDITIONS DE COUPE RECOMMANDÉES

VITESSE DE COUPE

Matière	Caractéristiques	 	Degré d'interruption	MP9025 Vc	MS7025 Vc	MS9025 Vc	VP30RT Vc	HT110 Vc
P	Fer magnétique doux, acier doux	≤ 180 HB	F	●	100 – 300	—	—	—
	Acier carbone, acier allié	180–280 HB	F	✱	—	—	155 – 190	—
	Acier carbone, acier allié	280–350 HB	F	✱	—	—	80 – 100	—
M	Acier inoxydable austénitique	≤ 200 HB	F	●	40 – 100	60 – 150	—	—
	Acier inoxydable ferritique et martensitique	≤ 200 HB	F	✱	—	—	50 – 90	—
	Acier inoxydable austénitique, ferritique et martensitique	> 200 HB	F	✱	—	—	40 – 75	—
	Acier inoxydable électromagnétique	230 HB	F	●	40 – 160	50 – 180	—	—
	Acier inoxydable duplex	≤ 280 HB	F	✱	—	—	35 – 60	—
	Acier inoxydable à durcissement structural (PH)	< 450 HB	F	✱	70 – 85	40 – 80	50 – 100	—
	Fonte grise	≤ 350 MPa	M	●✱	—	—	—	90 – 125
K	Fonte ductile	≤ 450 MPa	M	●●✱	—	—	—	70 – 100
	Fonte ductile	≤ 800 MPa	M	●●✱	—	—	—	60 – 90
N	Alliages d'aluminium	—	M	●●✱	—	—	—	300 – 700
S	Alliages réfractaires	—	F	●	25 – 40	40 – 140	—	—

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Brise-copeaux

f (mm/tour)

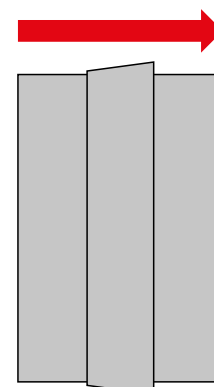
ap (mm)

FSF, FSP-P	0.02 – 0.1	0.02 – 1.0
FS-P	0.04 – 0.2	0.2 – 0.9
Standard	0.08 – 0.3	0.3 – 2.0
Sans brise-copeaux	0.08 – 0.3	0.3 – 2.0

EXEMPLES D'APPLICATION

TOURNAGE EXTERNE

Matière	Inox 304 (X5CrNi18-10)
Plaquette	DCGT11T301M-FSF-P
Nuance	MS9025
Vc (m/min)	120
f (mm/tr)	0.02
ap (mm)	0.1
Arrosage	Huile entière
Résultat	Absence de collage, excellent contrôle du copeau. Durée de vie de 750 pièces contre 150 pièces avec une plaquette conventionnelle.



Conditions de coupe : ● : Coupe stable ● : Coupe générale ✱ : Coupe instable

Zone de coupe : F : Coupe de finition M : Ébauche moyenne

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