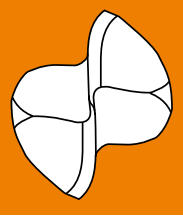
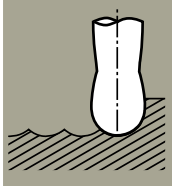
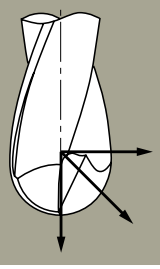
2 dents

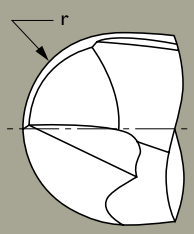


Ebauche Copiage



Finition Copiage

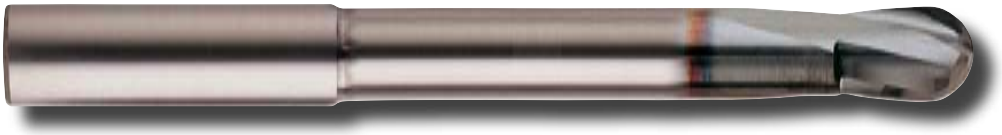




réf. 51291X TIALN-X

USINAGE GRANDE VITESSE

SERIE LONGUE



② dents fil à fil

Fraise Carbure Monobloc *copiage*

Ø D	LT	Lu	Lc	LSQ	Ø d x LQ	r	D1	Code Article
2,5	60	4	7	30	4 x 30	Ø D/2	2,4	D51291XD0250
3	65	5	7	35	4 x 30	Ø D/2	2,8	D51291XD0300
4	70	6	9	40	6 x 30	Ø D/2	3,6	D51291XD0400
5	75	8	10	45	6 x 30	Ø D/2	4,6	D51291XD0500
6	80	8	12	45	6 x 35	Ø D/2	5,5	D51291XD0600
8	90	10	16	55	8 x 35	Ø D/2	7,5	D51291XD0800
10	100	12	20	65	10 x 35	Ø D/2	9,3	D51291XD1000
12	120	15	20	85	12 x 35	Ø D/2	11,3	D51291XD1200

PERFORMANCE MATIERE

ACIER
< 1100 N/mm² ●●
< 1700 N/mm² ●●●●
< 2100 N/mm² ●●●●●

INOX MARTENSITIQUE FERRITIQUE
< 220 HB ●●●

INOX AUSTENITIQUE
< 220 HB ●●●●

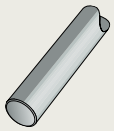
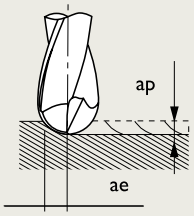
ACIER REFRACTAIRE
< 320 HB ●●●●

ALLIAGE DE TITANE
< 1000 N/mm² ●●●●

FONTE GRISE LAMELLAIRE
< 210 HB ●●●●●

FONTE GRISE
< 220 HB ●●●●●

REVETEMENT TIALN X

Attachement	Caractéristiques	Utilisation	Normes	Passe Maxi	Tolérances
 Cylindrique	Coupe à droite Hélice à droite : 17° Nombre de dents : 2 Dépouille : 10° Coupe : 8°	USINAGE GRANDE VITESSE	Normes Usine	 ap = 0,15 x Ø D ae = 0,5 x Ø D	Ø D ▶ h10 Ø d ▶ h6 LT ▶ +2 / 0 Lu ▶ +1.5 / 0 r ▶ ± 0.01
	Nature Outil	**Lubrification**	**Origines**		
	Carbure MK 15	Avec ou Sans	Made in France		

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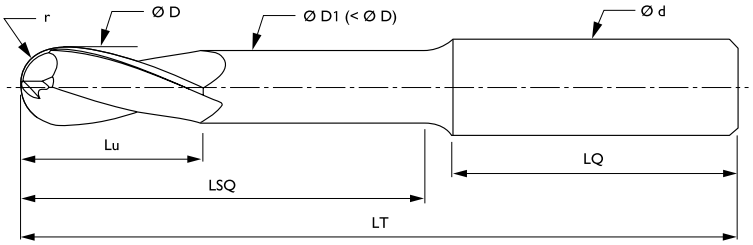
ISO 9001



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FABRICANT D'OUTILS COUPANTS POUR L'INDUSTRIE