

GrooveLine



# TETRAMCUT

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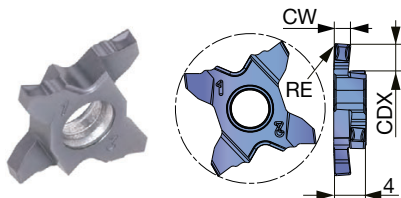
Brochure Technique - 416S1F

Plus de choix dans les largeurs de coupe pour **les plaquettes TCL18 et TCG18**



**INDUSTRY 4.0**  
*FEED the SPEED!*

## TCL18R (brise-copeaux 3D)



Représenté à droite (R)

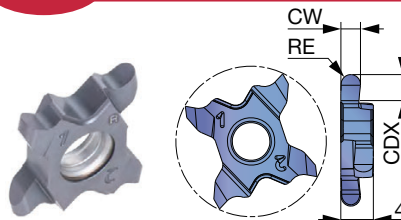
<b>P</b> Aciers	☉								
<b>M</b> Inox	☉								
<b>K</b> Fontes	☉								
<b>N</b> Non-ferreux	☉								
<b>S</b> Superaliages	☉								
<b>H</b> Aciers trempés	☉								

★ : 1er choix  
☆ : Second choix

Désignation	Sens	CW±0.02	RE	Revêtu						CDX	
				AH7025							
<b>Nouveau</b> TCL18R175-020	R	1.75	0.2	●							3.5
<b>Nouveau</b> TCL18R250-030	R	2.5	0.3	●							3.5

Conditionnement par 5 pièces  
● : Nouveauté

## **Nouveau** TCG18R/L (R complet)



Représenté à droite (R)

<b>P</b> Aciers	☉								
<b>M</b> Inox	☉								
<b>K</b> Fontes	☉								
<b>N</b> Non-ferreux	☉								
<b>S</b> Superaliages	☉								
<b>H</b> Aciers trempés	☉								

★ : 1er choix  
☆ : Second choix

Désignation	Sens	CW±0.02	RE	Revêtu						CDX	
				AH7025							
TCG18R100-050	R	1	0.5	●							2
TCG18L100-050	L	1	0.5	●							2
TCG18R158-079	R	1.58	0.79	●							3.5
TCG18L158-079	L	1.58	0.79	●							3.5
TCG18R200-100	R	2	1	●							3.5
TCG18L200-100	L	2	1	●							3.5
TCG18R239-120	R	2.39	1.2	●							3.5
TCG18L239-120	L	2.39	1.2	●							3.5
TCG18R300-150	R	3	1.5	●							3.5
TCG18L300-150	L	3	1.5	●							3.5
TCG18R318-159	R	3.18	1.59	●							3.5
TCG18L318-159	L	3.18	1.59	●							3.5

Conditionnement par 5 pièces

## CONDITIONS DE COUPE RECOMMANDÉES

### TCL18R (brise-copeaux 3D), TCG18R/L (R complet)

ISO	Matières usinées	Nuances	Vitesse de coupe Vc (m/min)	Avance : f (mm/tour)	
				TCL18	TCG18
<b>P</b>	Aciers bas carbone S15C / C15, S20C / C20, etc.	AH7025	80 - 180	0.03 - 0.12	0.04 - 0.14
	Aciers au carbone, Aciers alliés S55C / C55, SCM440 / 42CrMoS4, etc.	AH7025	80 - 180	0.03 - 0.12	0.04 - 0.14
	Aciers prétraités NAK80, PX5, etc.	AH7025	80 - 180	0.03 - 0.12	0.04 - 0.14
<b>M</b>	Aciers inoxydables SUS304 / X5CrNi18-9, X5CrNiMo17-12-2, etc.	AH7025	50 - 120	0.03 - 0.12	0.04 - 0.14
<b>K</b>	Fontes grises FC250 / GG25 / 250, FC300 / GG30 / 300, etc.	AH7025	50 - 180	0.03 - 0.12	0.04 - 0.14
	Fontes ductiles FCD400 / 400-15, FCD600 / 600-3, etc.	AH7025	50 - 180	0.03 - 0.12	0.04 - 0.14
<b>S</b>	Alliages Titane Ti-6Al-4V, etc.	AH7025	30 - 80	0.03 - 0.12	0.04 - 0.14
	Superalliages Inconel718, etc.	AH7025	20 - 60	0.03 - 0.12	0.04 - 0.14

## Gammes des plaquettes TetraMini-Cut

Largeur de coupe CW (mm)	Rayons. RE (mm)	TCL18R	TCS18R	TCG18R/L	TCP18R/L	TCP18R/L-F
		AH7025	AH7025	AH7025	AH725	SH725
0.33	0.05				●	●
0.43	0.05				●	●
0.50	0.05				●	●
0.75	0.05				●	●
0.95	0.05				●	●
1.00	0.05					●
	0.1		●	●	●	●
1.20	0.05					●
	0.1		●	●	●	●
1.25	0.05					●
	0.1		●	●	●	●
1.30	0.2		●	●		
	0.1		●	●	●	●
1.40	0.2		●	●		
	0.05					●
1.45	0.1		●	●	●	●
	0.2			●		
1.50	0.05					●
	0.1	●	●	●	●	●
1.58	0.2	●	●	●		
	0.79			●		
1.60	0.2		●	●		
1.70	0.2		●	●		
1.75	0.05					●
	0.1		●	●	●	●
1.85	0.2	●	●	●		
	0.2		●	●		
2.00	0.05					●
	0.1	●	●	●	●	●
2.00	0.2	●	●	●		
	1.0			●		
2.25	0.2		●	●		
2.30	0.2		●	●		
2.39	1.2			●		
2.50	0.1		●	●	●	●
	0.2		●	●		
2.50	0.3	●	●	●		
	0.3		●	●		
2.65	0.3		●	●		
2.80	0.3		●	●		
3.00	0.1	●	●	●	●	●
	0.2	●	●	●		
3.00	0.3	●	●	●		
	1.5			●		
3.18	1.59			●		

● : Nouveauté ● : La gamme

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