

High precision grooving tool

# TETRAMCUT

Tungaloy Report No. 416S4-G

## New left-hand inserts for TCS18 and TCL18 grooving inserts with 3D pressed chipbreaker





For more information

## Left-hand inserts for TCS18 and TCL18 with pressed-in 3D chipbreakers for improved chip control

New

TCS18L...



**TCS18** features an optimized dimple geometry that provides strong cutting edge and smooth chip control in various applications.

New

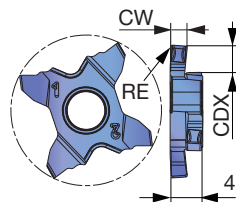
TCL18L...



**TCL18** boasts sharp cutting edge that ensures effective chip control of long-chipping low carbon steel and/or during low feed rates.

## INSERT

### TCL18R/L (3D chipbreaker, honed edge)



Right-hand (R) shown.

P	Steel	★							
M	Stainless	★							
K	Cast iron	★							
N	Non-ferrous								
S	Superalloys	★							
H	Hard materials								

★ : First choice

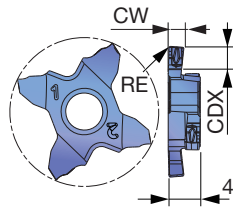
Designation	HAND	CW±0.02	RE	Coated							CDX
				AH7025							
TCL18R150-010	R	1.5	0.1	●							3.5
TCL18L150-010	L	1.5	0.1	●							3.5
TCL18R150-020	R	1.5	0.2	●							3.5
TCL18L150-020	L	1.5	0.2	●							3.5
TCL18R175-020	R	1.75	0.2	●							3.5
TCL18L175-020	L	1.75	0.2	●							3.5
TCL18R200-010	R	2	0.1	●							3.5
TCL18L200-010	L	2	0.1	●							3.5
TCL18R200-020	R	2	0.2	●							3.5
TCL18L200-020	L	2	0.2	●							3.5
TCL18R250-030	R	2.5	0.3	●							3.5
TCL18L250-030	L	2.5	0.3	●							3.5
TCL18R300-010	R	3	0.1	●							3.5
TCL18L300-010	L	3	0.1	●							3.5
TCL18R300-020	R	3	0.2	●							3.5
TCL18L300-020	L	3	0.2	●							3.5
TCL18R300-030	R	3	0.3	●							3.5
TCL18L300-030	L	3	0.3	●							3.5

5 pieces per package

● : New product

● : Line up

## TCS18R/L (3D chipbreaker, honed edge)



Right-hand (R) shown.

<b>P</b>	Steel	★
<b>M</b>	Stainless	★
<b>K</b>	Cast iron	★
<b>N</b>	Non-ferrous	
<b>S</b>	Superalloys	★
<b>H</b>	Hard materials	

★ : First choice

Designation	HAND	CW±0.02	RE	Coated							CDX
				AH7025							
TCS18R100-010	R	1	0.1	●							2
TCS18L100-010	L	1	0.1	●							2
TCS18R120-010	R	1.2	0.1	●							2
TCS18L120-010	L	1.2	0.1	●							2
TCS18R125-010	R	1.25	0.1	●							2
TCS18L125-010	L	1.25	0.1	●							2
TCS18R125-020	R	1.25	0.2	●							2
TCS18L125-020	L	1.25	0.2	●							2
TCS18R130-020	R	1.3	0.2	●							3.5
TCS18L130-020	L	1.3	0.2	●							3.5
TCS18R140-010	R	1.4	0.1	●							3.5
TCS18L140-010	L	1.4	0.1	●							3.5
TCS18R140-020	R	1.4	0.2	●							3.5
TCS18L140-020	L	1.4	0.2	●							3.5
TCS18R145-010	R	1.45	0.1	●							3.5
TCS18L145-010	L	1.45	0.1	●							3.5
TCS18R150-010	R	1.5	0.1	●							3.5
TCS18L150-010	L	1.5	0.1	●							3.5
TCS18R150-020	R	1.5	0.2	●							3.5
TCS18L150-020	L	1.5	0.2	●							3.5
TCS18R160-020	R	1.6	0.2	●							3.5
TCS18L160-020	L	1.6	0.2	●							3.5
TCS18R170-020	R	1.7	0.2	●							3.5
TCS18L170-020	L	1.7	0.2	●							3.5
TCS18R175-010	R	1.75	0.1	●							3.5
TCS18L175-010	L	1.75	0.1	●							3.5
TCS18R175-020	R	1.75	0.2	●							3.5
TCS18L175-020	L	1.75	0.2	●							3.5
TCS18R185-020	R	1.85	0.2	●							3.5
TCS18L185-020	L	1.85	0.2	●							3.5
TCS18R195-020	R	1.95	0.2	●							3.5
TCS18L195-020	L	1.95	0.2	●							3.5
TCS18R200-010	R	2	0.1	●							3.5
TCS18L200-010	L	2	0.1	●							3.5
TCS18R200-020	R	2	0.2	●							3.5
TCS18L200-020	L	2	0.2	●							3.5
TCS18R225-020	R	2.25	0.2	●							3.5
TCS18L225-020	L	2.25	0.2	●							3.5
TCS18R230-020	R	2.3	0.2	●							3.5
TCS18L230-020	L	2.3	0.2	●							3.5
TCS18R250-010	R	2.5	0.1	●							3.5
TCS18L250-010	L	2.5	0.1	●							3.5
TCS18R250-020	R	2.5	0.2	●							3.5
TCS18L250-020	L	2.5	0.2	●							3.5

5 pieces per package  
 ● : New product  
 ● : Line up

P	Steel	★
M	Stainless	★
K	Cast iron	★
N	Non-ferrous	
S	Superalloys	★
H	Hard materials	

★ : First choice

Designation	HAND	CW±0.02	RE	Coated					CDX
				AH7025					
TCS18R250-030	R	2.5	0.3	●					3.5
TCS18L250-030	L	2.5	0.3	●					3.5
TCS18R265-030	R	2.65	0.3	●					3.5
TCS18L265-030	L	2.65	0.3	●					3.5
TCS18R280-030	R	2.8	0.3	●					3.5
TCS18L280-030	L	2.8	0.3	●					3.5
TCS18R300-010	R	3	0.1	●					3.5
TCS18L300-010	L	3	0.1	●					3.5
TCS18R300-020	R	3	0.2	●					3.5
TCS18L300-020	L	3	0.2	●					3.5
TCS18R300-030	R	3	0.3	●					3.5
TCS18L300-030	L	3	0.3	●					3.5

5 pieces per package  
 ● : New product  
 ● : Line up



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