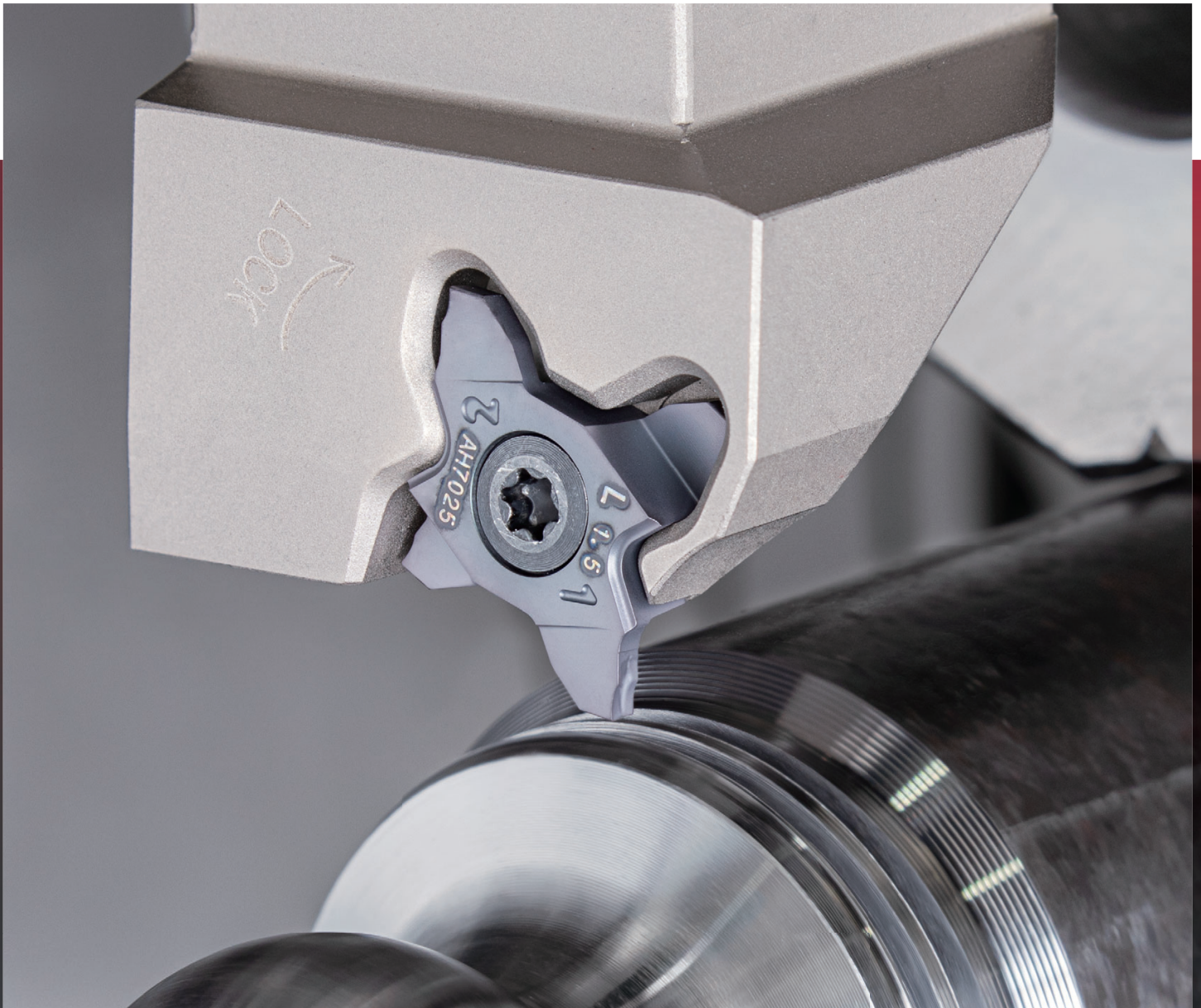


High precision grooving tool

TETRAMCUT

Tungaloy Report No. 416S4-US

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

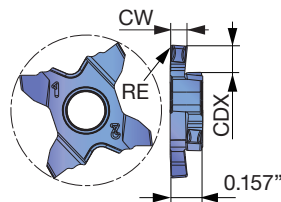
TCL18L...



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.

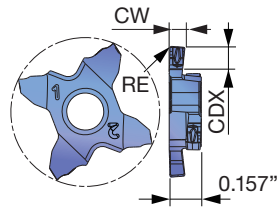
P	Steel	★							
M	Stainless	★							
K	Cast iron	★							
N	Non-ferrous								
S	Superalloys	★							
H	Hard materials								

★ : First choice

Designation	HAND	CW±0.02 (mm)	CW±0.001 (in)	RE (in)	Coated					CDX (in)	
					AH7025						
TCL18R150-010	R	1.5	0.059	0.004	●						0.138
TCL18L150-010	L	1.5	0.059	0.004	●						0.138
TCL18R150-020	R	1.5	0.059	0.008	●						0.138
TCL18L150-020	L	1.5	0.059	0.008	●						0.138
TCL18R175-020	R	1.75	0.069	0.008	●						0.138
TCL18L175-020	L	1.75	0.069	0.008	●						0.138
TCL18R200-010	R	2	0.079	0.004	●						0.138
TCL18L200-010	L	2	0.079	0.004	●						0.138
TCL18R200-020	R	2	0.079	0.008	●						0.138
TCL18L200-020	L	2	0.079	0.008	●						0.138
TCL18R250-030	R	2.5	0.098	0.012	●						0.138
TCL18L250-030	L	2.5	0.098	0.012	●						0.138
TCL18R300-010	R	3	0.118	0.004	●						0.138
TCL18L300-010	L	3	0.118	0.004	●						0.138
TCL18R300-020	R	3	0.118	0.008	●						0.138
TCL18L300-020	L	3	0.118	0.008	●						0.138
TCL18R300-030	R	3	0.118	0.012	●						0.138
TCL18L300-030	L	3	0.118	0.012	●						0.138

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

TCS18R/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 (mm)	CW±0.001 (in)	RE (in)	Coated		CDX (in)
					AH7025		
TCS18R100-010	R	1	0.039	0.004	●		0.079
TCS18L100-010	L	1	0.039	0.004	●		0.079
TCS18R120-010	R	1.2	0.047	0.004	●		0.079
TCS18L120-010	L	1.2	0.047	0.004	●		0.079
TCS18R125-010	R	1.25	0.049	0.004	●		0.079
TCS18L125-010	L	1.25	0.049	0.004	●		0.079
TCS18R125-020	R	1.25	0.049	0.008	●		0.079
TCS18L125-020	L	1.25	0.049	0.008	●		0.079
TCS18R130-020	R	1.3	0.051	0.008	●		0.138
TCS18L130-020	L	1.3	0.051	0.008	●		0.138
TCS18R140-010	R	1.4	0.055	0.004	●		0.138
TCS18L140-010	L	1.4	0.055	0.004	●		0.138
TCS18R140-020	R	1.4	0.055	0.008	●		0.138
TCS18L140-020	L	1.4	0.055	0.008	●		0.138
TCS18R145-010	R	1.45	0.057	0.004	●		0.138
TCS18L145-010	L	1.45	0.057	0.004	●		0.138
TCS18R150-010	R	1.5	0.059	0.004	●		0.138
TCS18L150-010	L	1.5	0.059	0.004	●		0.138
TCS18R150-020	R	1.5	0.059	0.008	●		0.138
TCS18L150-020	L	1.5	0.059	0.008	●		0.138
TCS18R160-020	R	1.6	0.063	0.008	●		0.138
TCS18L160-020	L	1.6	0.063	0.008	●		0.138
TCS18R170-020	R	1.7	0.067	0.008	●		0.138
TCS18L170-020	L	1.7	0.067	0.008	●		0.138
TCS18R175-010	R	1.75	0.069	0.004	●		0.138
TCS18L175-010	L	1.75	0.069	0.004	●		0.138
TCS18R175-020	R	1.75	0.069	0.008	●		0.138
TCS18L175-020	L	1.75	0.069	0.008	●		0.138
TCS18R185-020	R	1.85	0.073	0.008	●		0.138
TCS18L185-020	L	1.85	0.073	0.008	●		0.138
TCS18R195-020	R	1.95	0.077	0.008	●		0.138
TCS18L195-020	L	1.95	0.077	0.008	●		0.138
TCS18R200-010	R	2	0.079	0.004	●		0.138
TCS18L200-010	L	2	0.079	0.004	●		0.138
TCS18R200-020	R	2	0.079	0.008	●		0.138
TCS18L200-020	L	2	0.079	0.008	●		0.138
TCS18R225-020	R	2.25	0.089	0.008	●		0.138
TCS18L225-020	L	2.25	0.089	0.008	●		0.138
TCS18R230-020	R	2.3	0.091	0.008	●		0.138
TCS18L230-020	L	2.3	0.091	0.008	●		0.138
TCS18R250-010	R	2.5	0.098	0.004	●		0.138
TCS18L250-010	L	2.5	0.098	0.004	●		0.138
TCS18R250-020	R	2.5	0.098	0.008	●		0.138
TCS18L250-020	L	2.5	0.098	0.008	●		0.138

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 (mm)	CW±0.001 (in)	RE (in)	Coated					CDX (in)
					AH7025					
TCS18R250-030	R	2.5	0.098	0.012	●					0.138
TCS18L250-030	L	2.5	0.098	0.012	●					0.138
TCS18R265-030	R	2.65	0.104	0.012	●					0.138
TCS18L265-030	L	2.65	0.104	0.012	●					0.138
TCS18R280-030	R	2.8	0.110	0.012	●					0.138
TCS18L280-030	L	2.8	0.110	0.012	●					0.138
TCS18R300-010	R	3	0.118	0.004	●					0.138
TCS18L300-010	L	3	0.118	0.004	●					0.138
TCS18R300-020	R	3	0.118	0.008	●					0.138
TCS18L300-020	L	3	0.118	0.008	●					0.138
TCS18R300-030	R	3	0.118	0.012	●					0.138
TCS18L300-030	L	3	0.118	0.012	●					0.138

5 pieces per package

● : New product

● : Line up



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