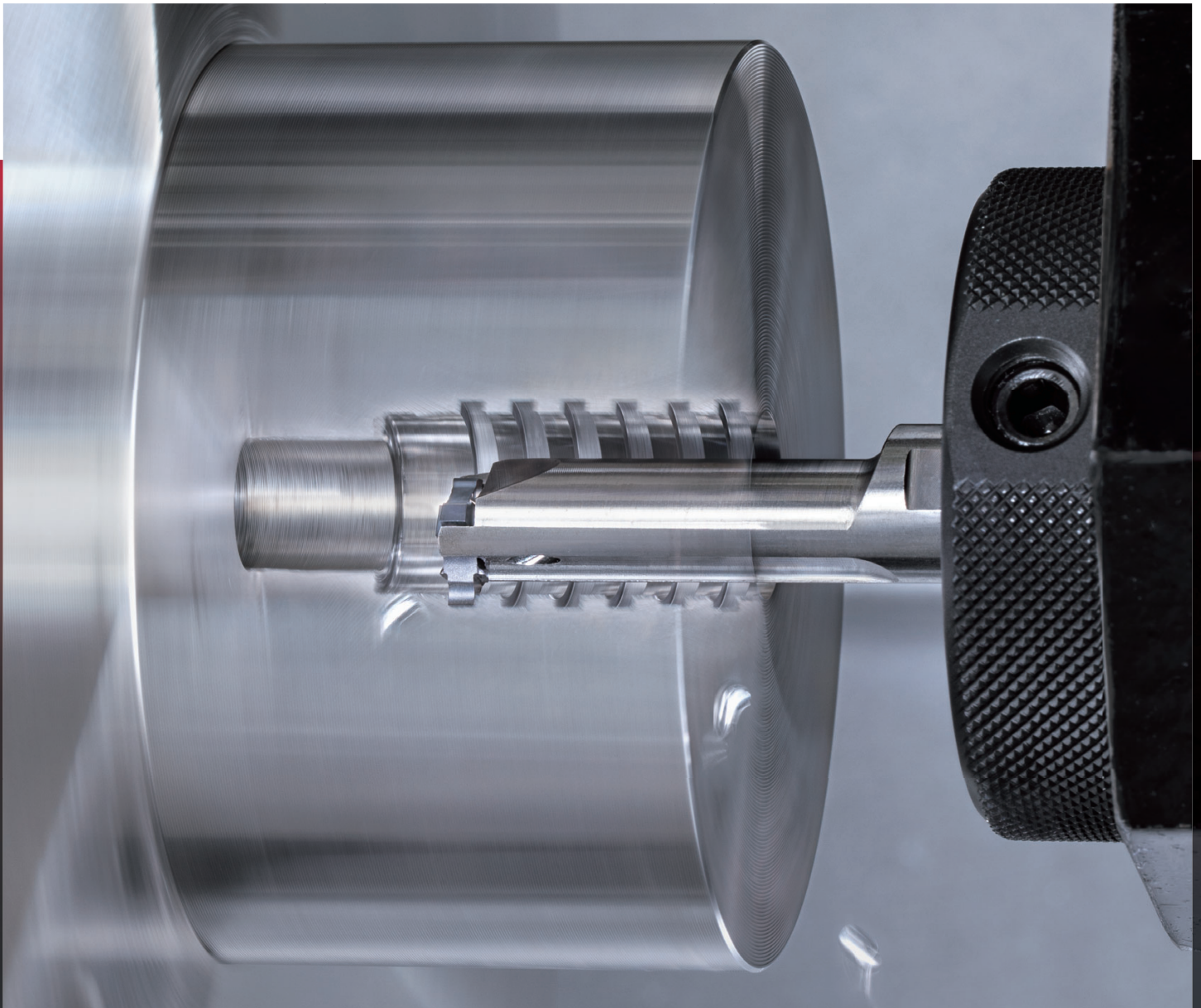


Internal grooving tool

**ADD**INTERNAL  
**CUT**

Tungaloy Report No. 544S1-G

Expansion of **new insert's size and widths for broad internal grooving applications range**





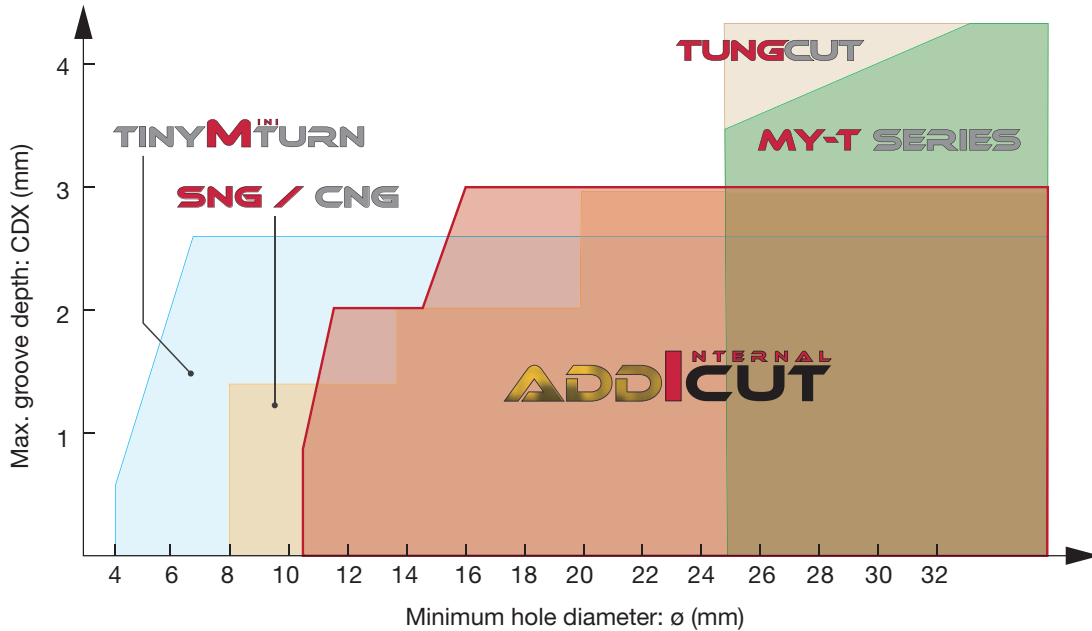
For more information

**New**



TCIG...

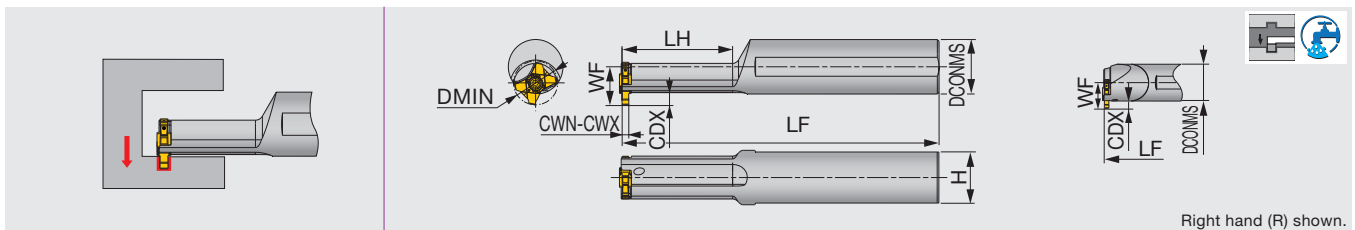
New TCIG12 insert enables up to 3.0 mm groove depth  
CW = 1.5 - 3 mm



## HOLDER

### A/E-STCIR/L

Internal grooving toolholder



Designation	Material	CWN	CWX	DMIN	DCONMS	LH	LF	WF	H	Insert	Torque*
A12H-STCIR/L10-D105	Steel	1.5	3	10.5	12	25	100	8.3	11	TCIG10...	1
A12H-STCIR/L10-D120	Steel	1.5	3	12	12	31	100	8.3	11	TCIG10...	1
E12K-STCIR/L10-D150	Carbide	1.5	3	15	12	-	125	8.3	11	TCIG10...	1
<b>New</b> A16J-STCIR/L12-D130	Steel	1.5	3	13	16	33	110	11.3	15	TCIG12...	1.3
<b>New</b> A16J-STCIR/L12-D160	Steel	1.5	3	16	16	41	110	11.3	15	TCIG12...	1.3
<b>New</b> E16M-STCIR/L12-D200	Carbide	1.5	3	20	16	-	150	11.3	15	TCIG12...	1.3

Torque\*: Recommended clamping torque (N·m)

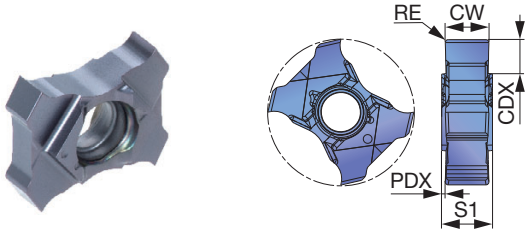
### SPARE PARTS



Designation	Clamping screw
A/E-STCIR10-...	CSTB-2.2L053DR
A/E-STCIR10-...	CSTB-2.2L053DL
A/E-STCIR12-...	CSTB-2.5L054DR
A/E-STCIR12-...	CSTB-2.5L054DL

# INSERT

## TCIG



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

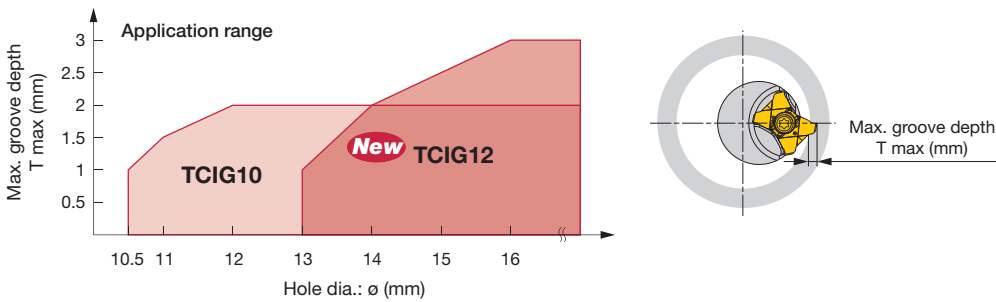
Designation	CW±0.025	RE	Coated						CDX	S1	PDX
			AH725								
TCIG10-150-010	1.5	0.1	●						2	3.5	1
TCIG10-200-010	2	0.1	●						2	3.5	0.75
TCIG10-250-020	2.5	0.2	●						2	3.5	0.5
<b>New</b> TCIG10-300-020	3	0.2	●						2	3.5	0.25
<b>New</b> TCIG12-150-010	1.5	0.1	●						3	3.5	1
<b>New</b> TCIG12-200-020	2	0.2	●						3	3.5	0.75
<b>New</b> TCIG12-250-020	2.5	0.2	●						3	3.5	0.5
<b>New</b> TCIG12-300-020	3	0.2	●						3	3.5	0.25

● : New product  
● : Line up

### Note: Shallower groove depths (T max) for smaller bores

Maximum groove depths (T max) for TCIG10 inserts are smaller than the CDX value shown above when the grooving bore diameter is < 12 mm; and for TCIG12, when the bore diameter is < 16 mm.

See the chart below for T max values in relation to the given bore diameter.



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