

NEW PRODUCT NEWS

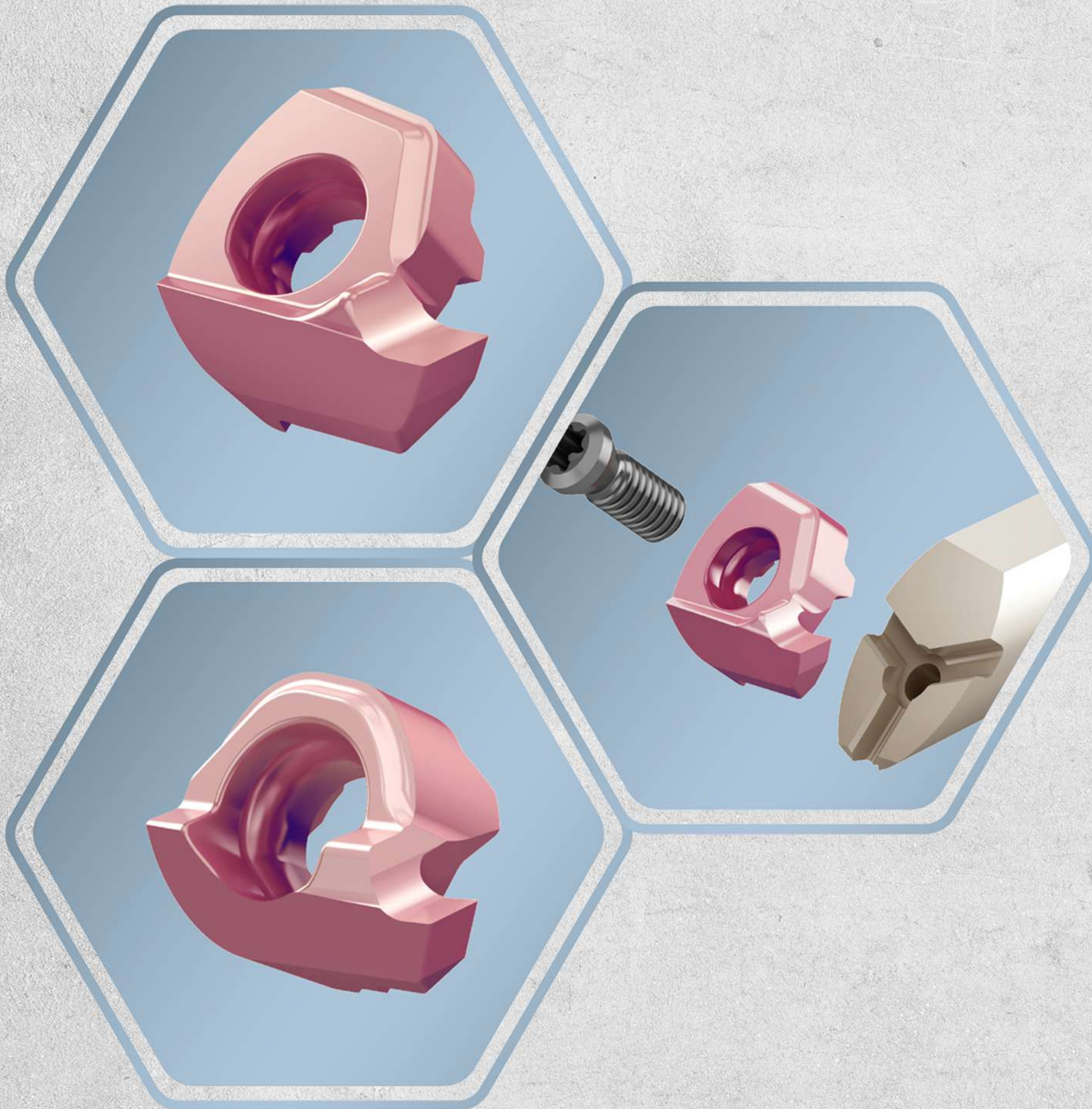


Taegutec Parting & Grooving Line

WIN/GROOVE



SMALL HOLE INTERNAL GROOVING INSERT LINE



KEY POINT

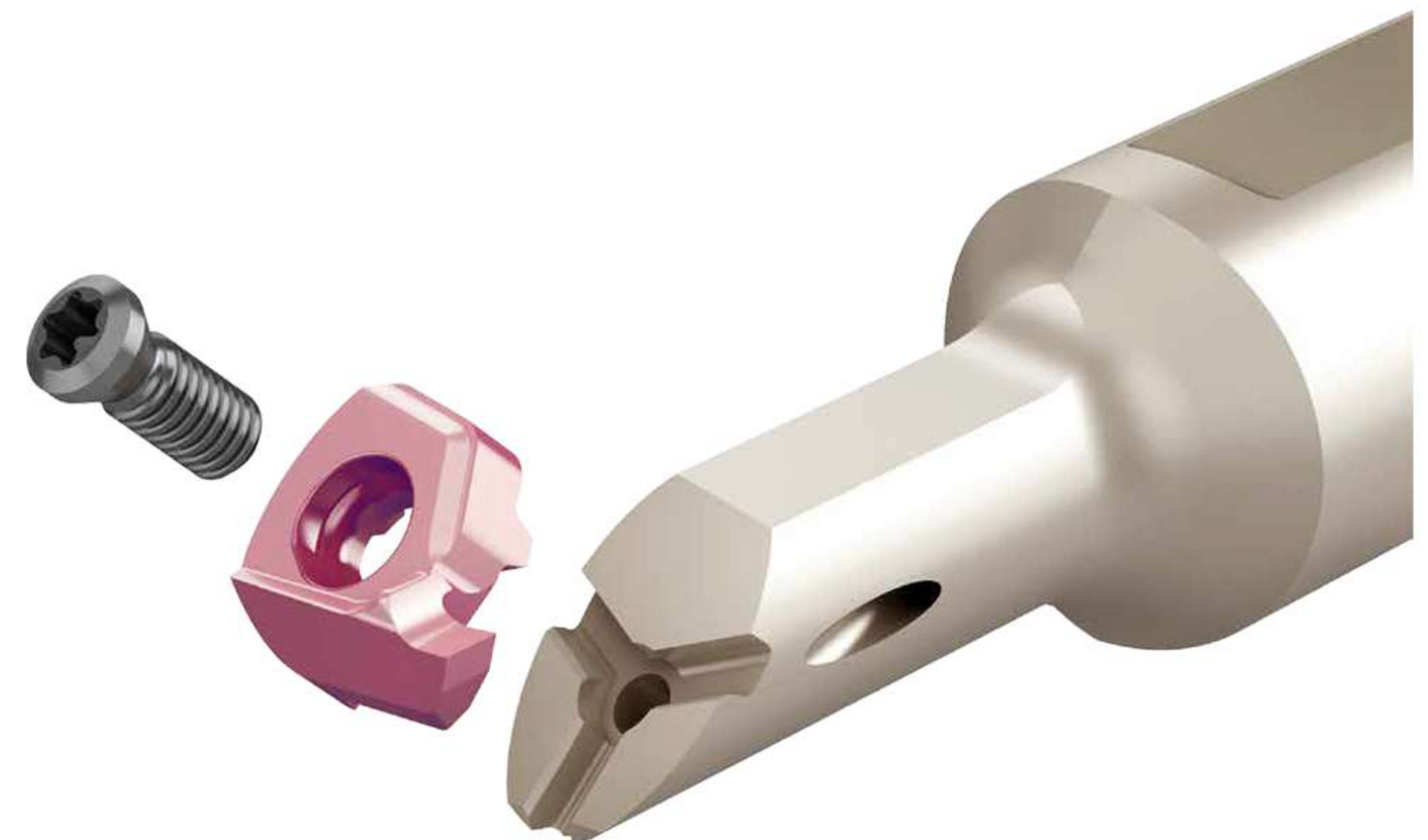
TaeguTec introduces the WIN-I-GROOVE for the small hole internal grooving line.

TaeguTec has responded to the growing demand in the miniature market for miniature inserts and dedicated holders with grooving capability in the 6-8 mm smaller diameter range.

Excellent machining performance is the result of the stronger clamping stemming from the inclined, wide contact surface design of the TMIR/L inserts and TMHR/L holders. Additionally, the inclined clamping structure offers one further advantage, sufficient space for smooth chip evacuation.

Along with steel holders capable of 2xD depths machining, TaeguTec also offers carbide brazed holders capable of deep internal grooving up to 4xD. Tool holders include internal coolant for improved tool life and facilitates optimal chip evacuation.

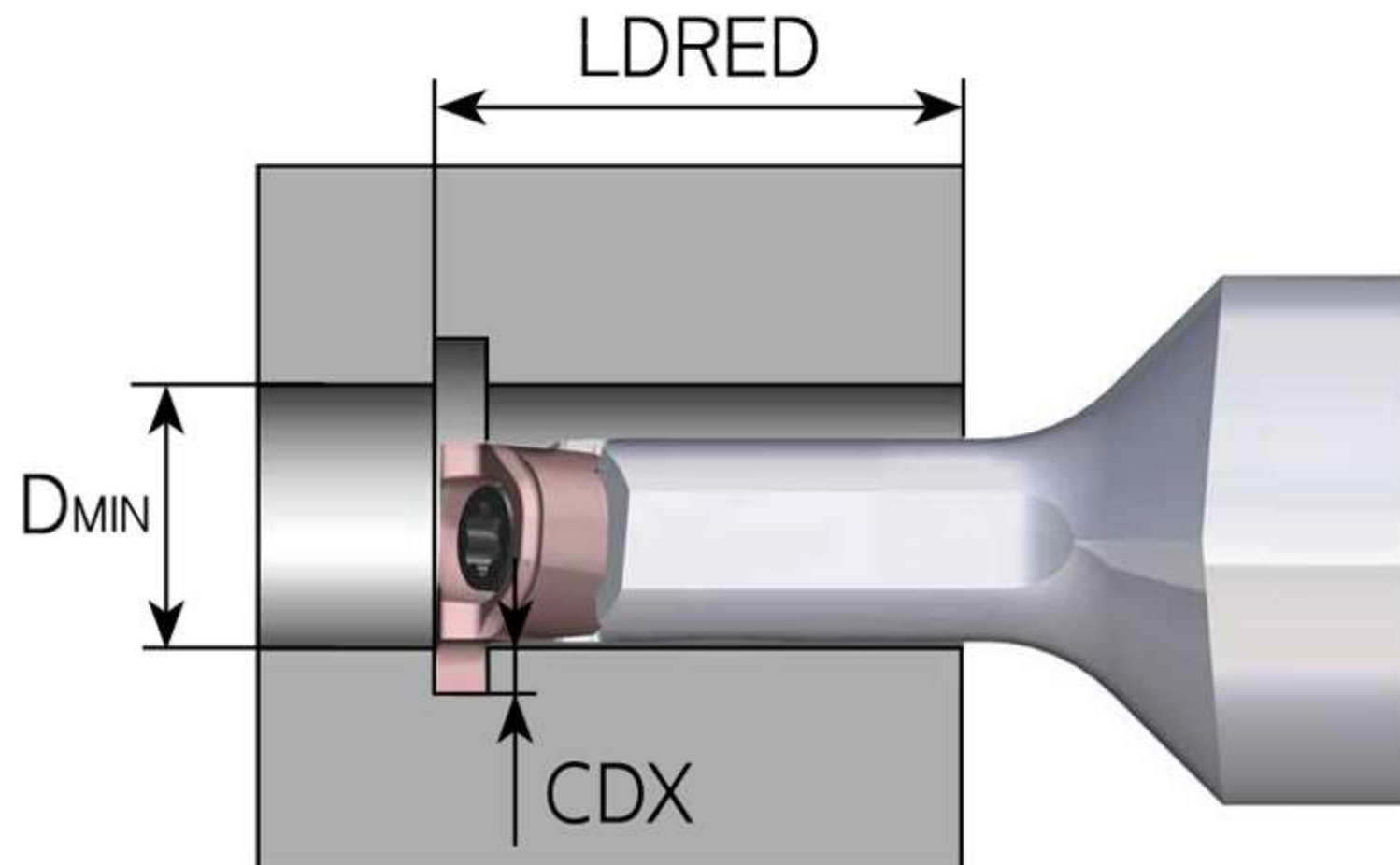
Please contact the product manager for further details.



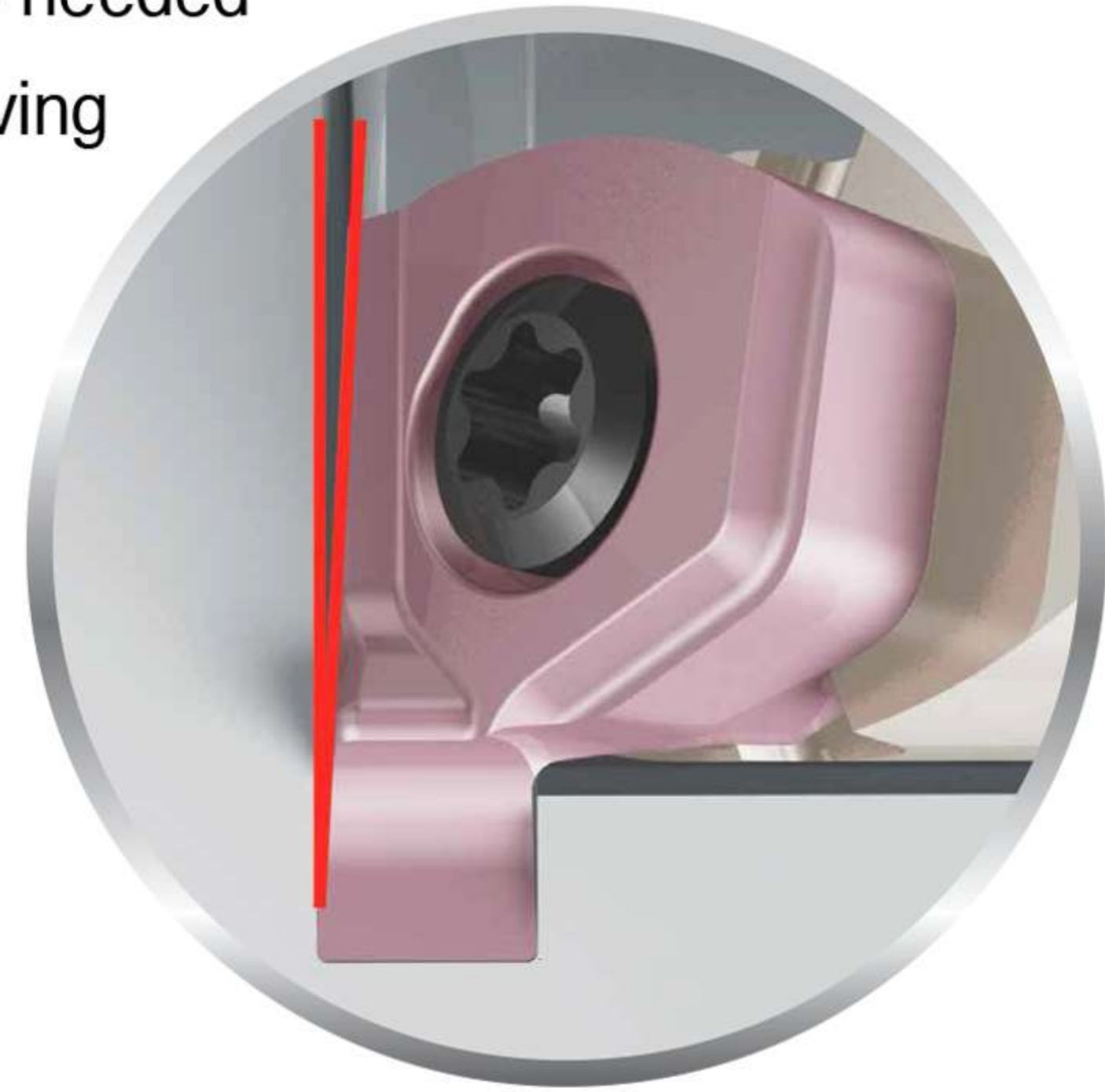
Taegutec Parting & Grooving Line

Features

- Improved economy compared to solid carbide tools with no setup needed
- Capable of small bore internal grooving and internal bottom grooving

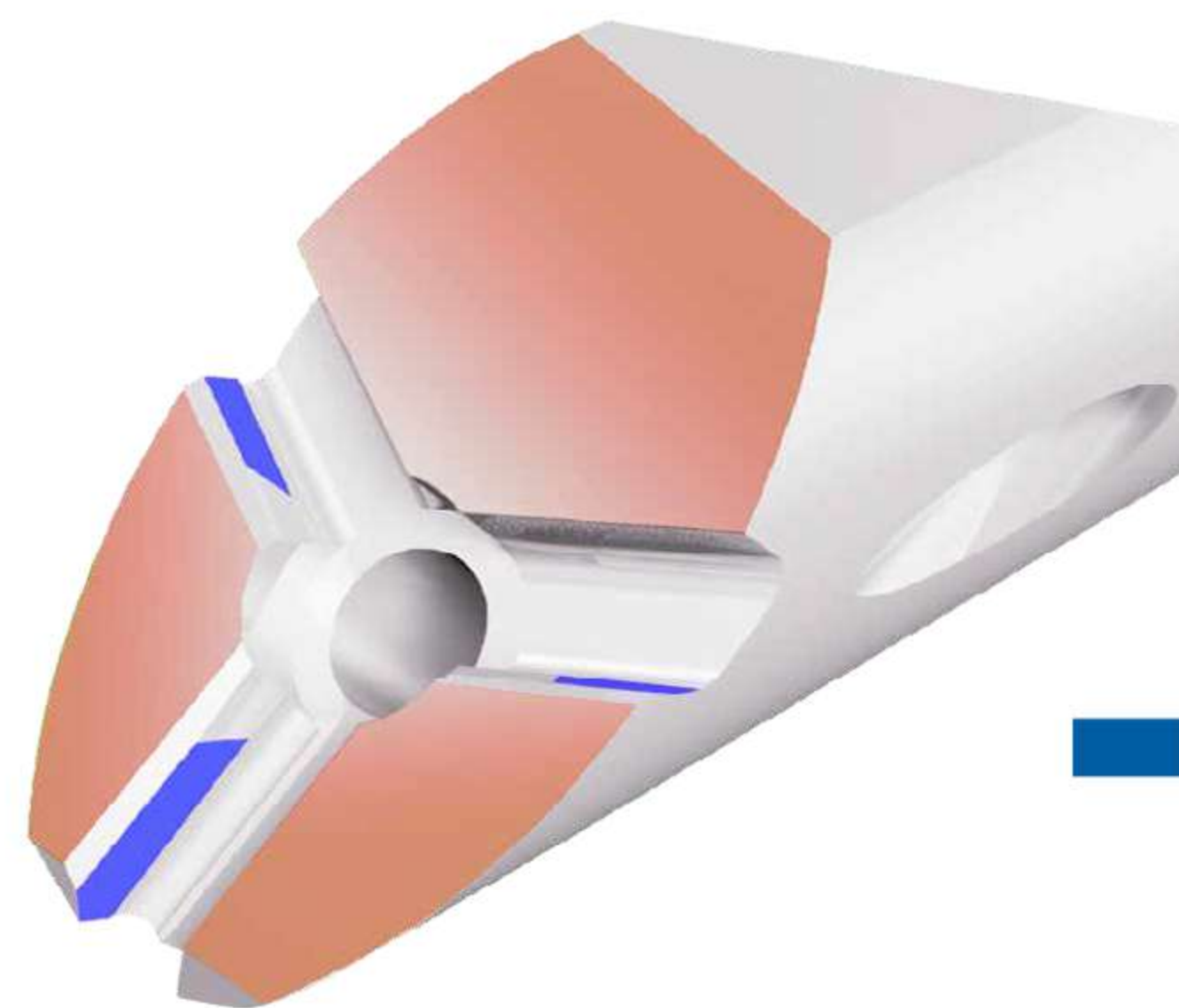
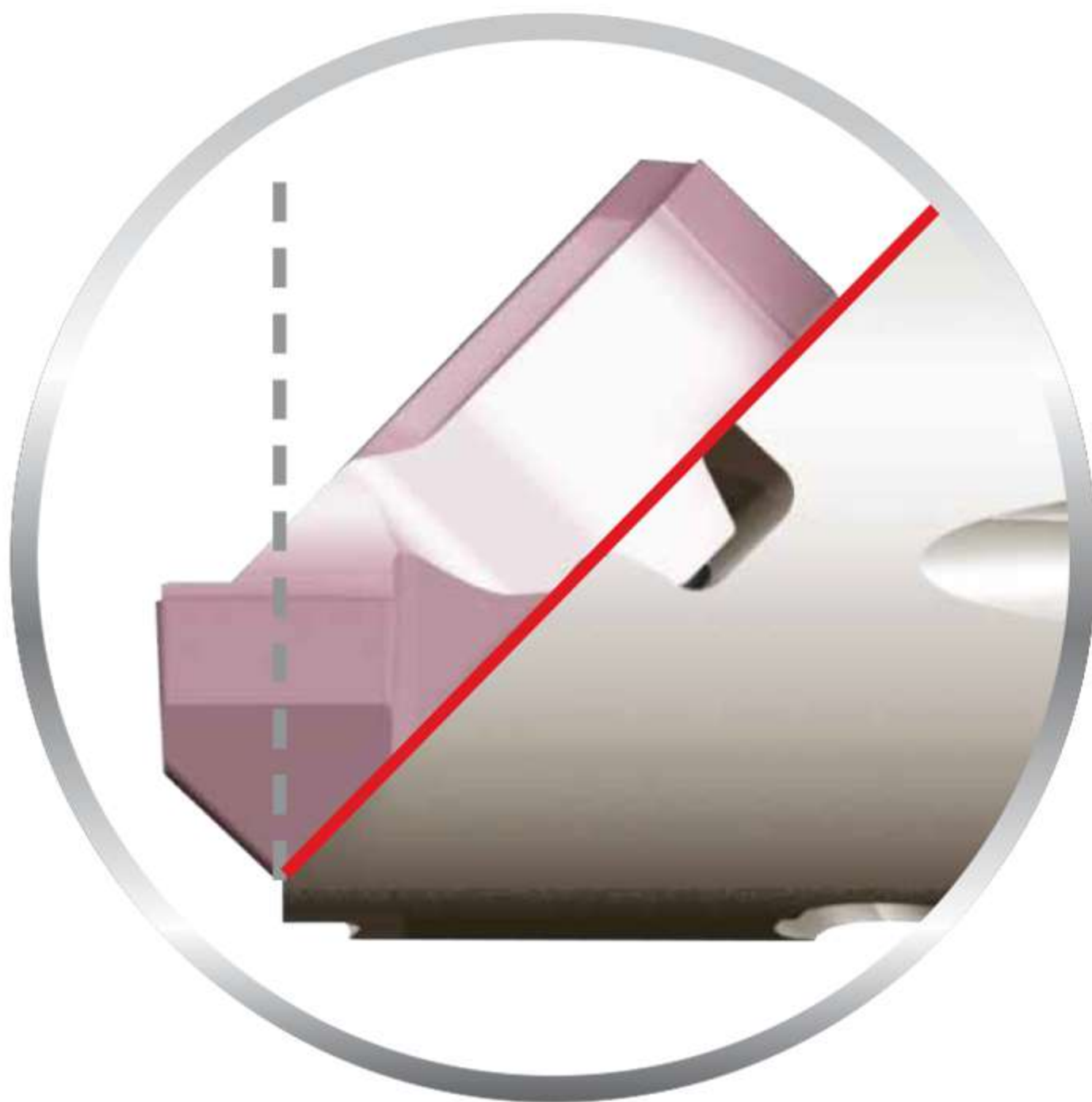


Insert	DMIN	CDX	LDRED
TMIR/L 6	6.0	Max. 1.0	Max. 24
TMIR/L 8	8.0	Max. 1.5	Max. 32



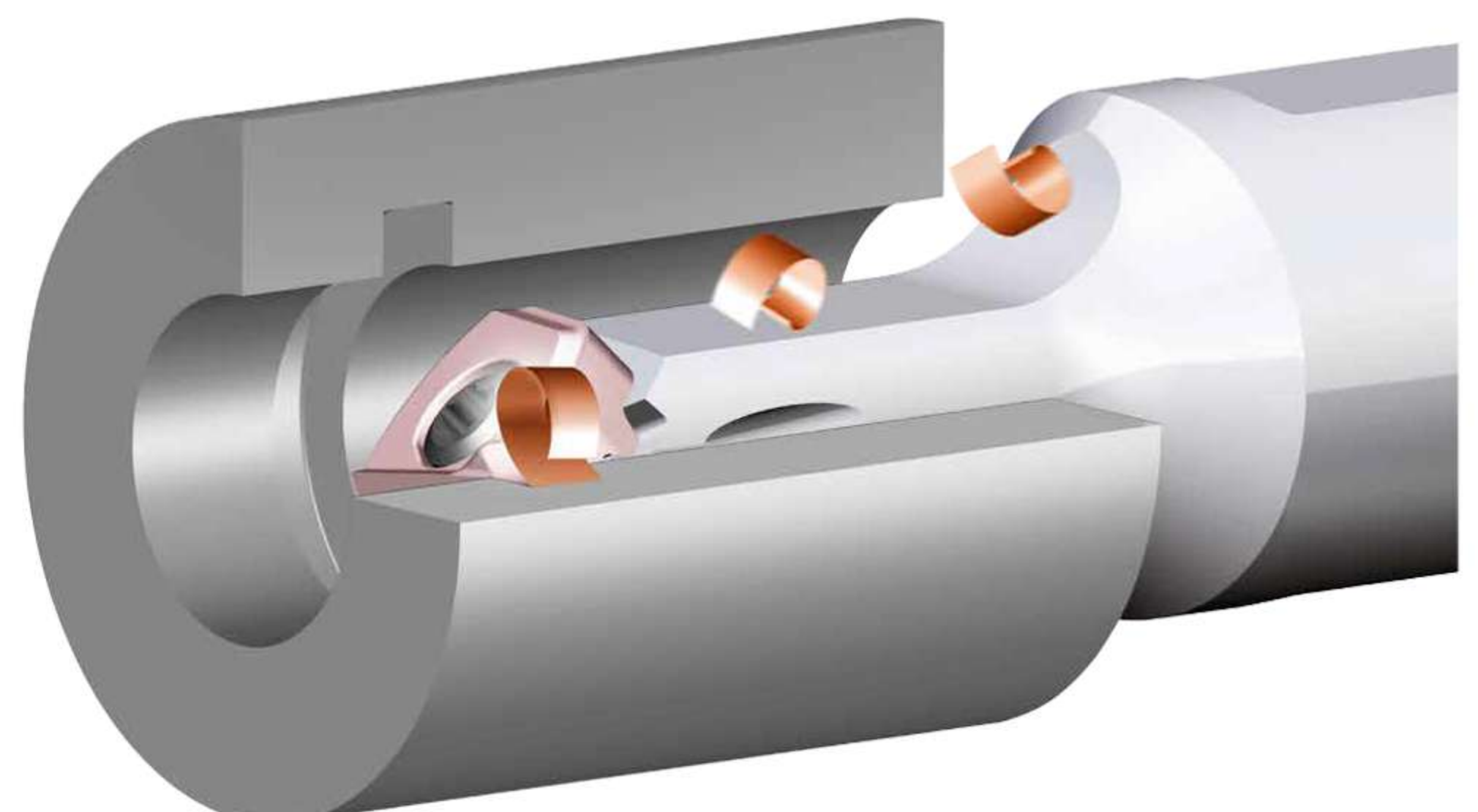
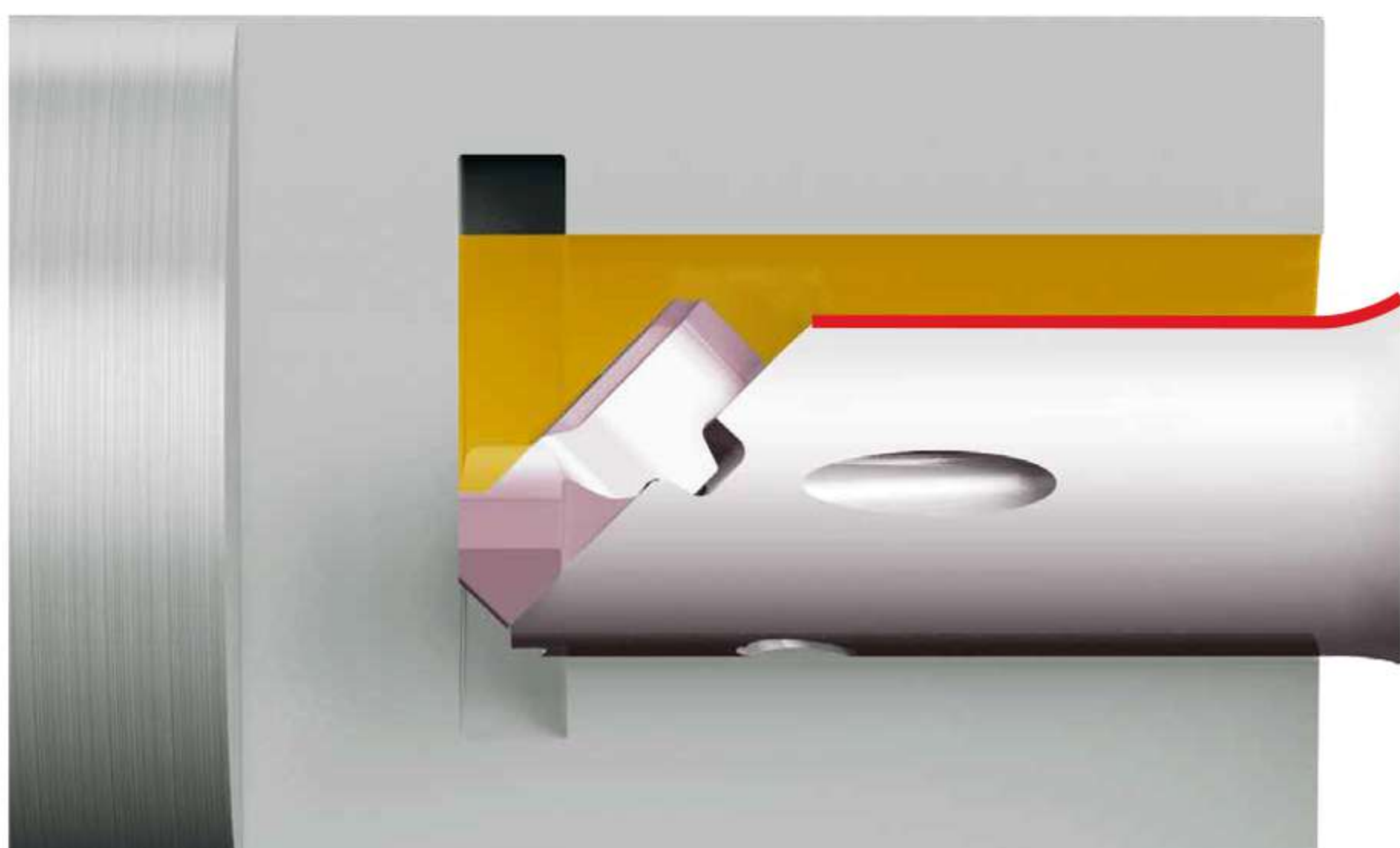
Internal bottom grooving

- Unique inclined clamping system
 - Insert's wider contact area design enables excellent machining performance



- : 3-point contact
 - ▶ Insert movement during operation eliminated
- : Wider contact face
 - ▶ Stable machining in both grooving and turning

- Tool's efficient design allows for excellent chip evacuation

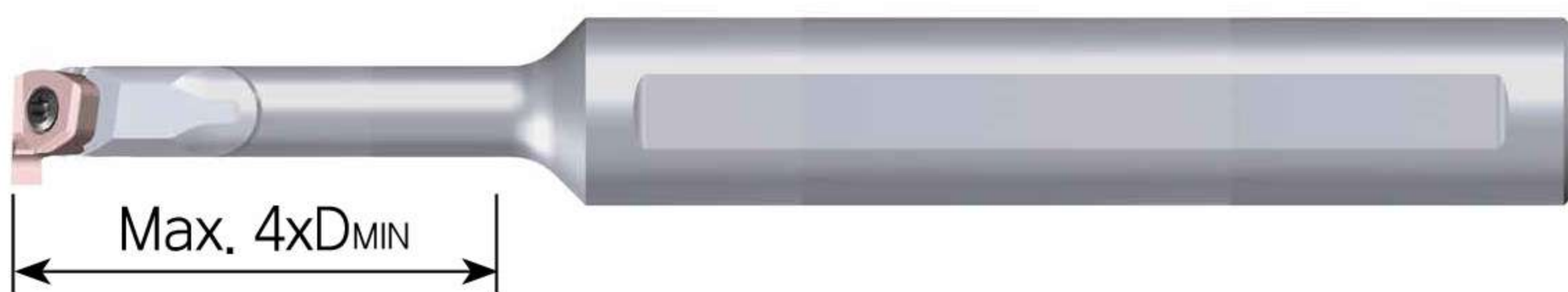


Taegutec Parting & Grooving Line

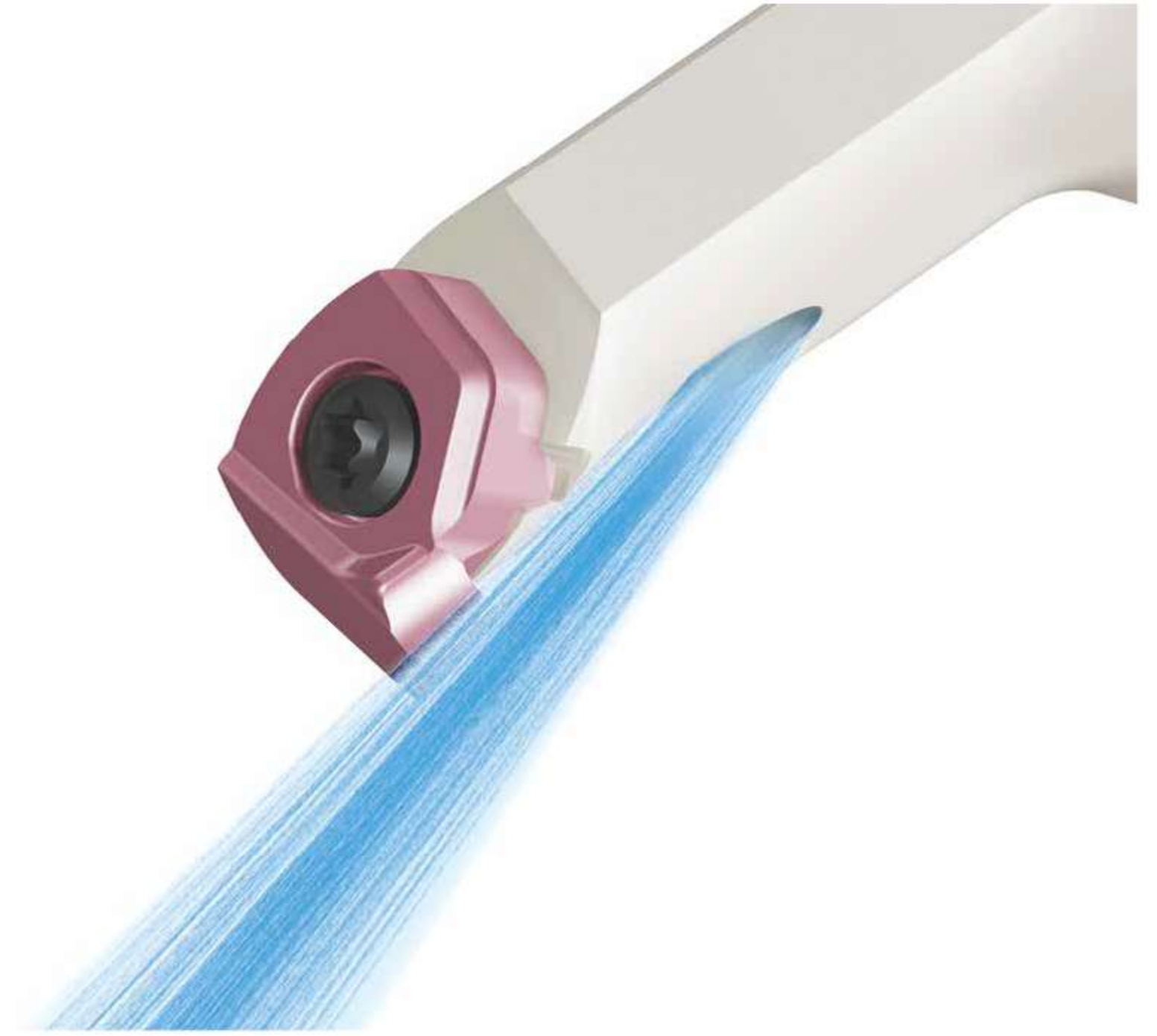
- Carbide brazed holders available for deep hole grooving
 - Steel holders



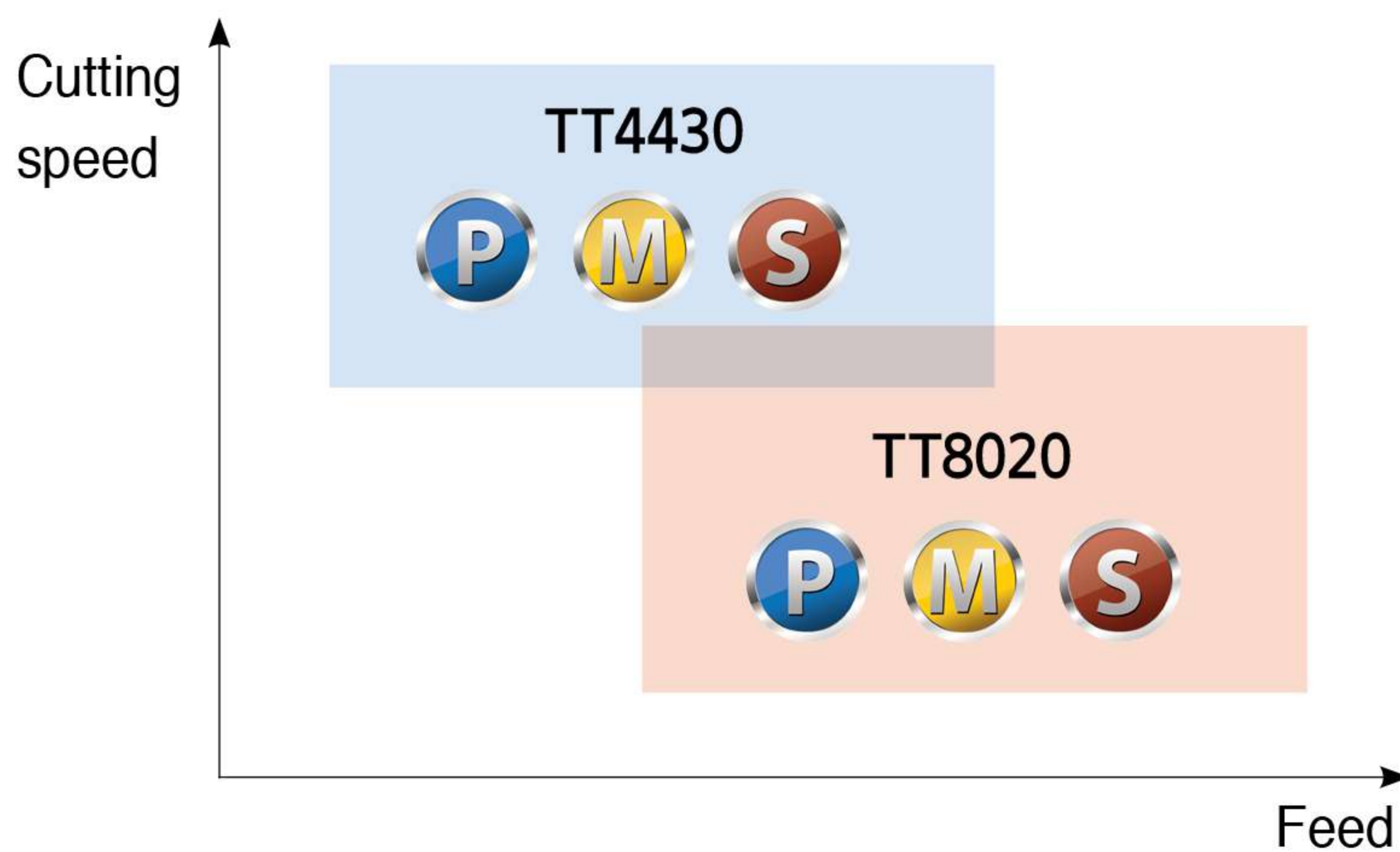
- Carbide brazed holders



- Increased tool life due to the pinpointed coolant flow to the cutting edge



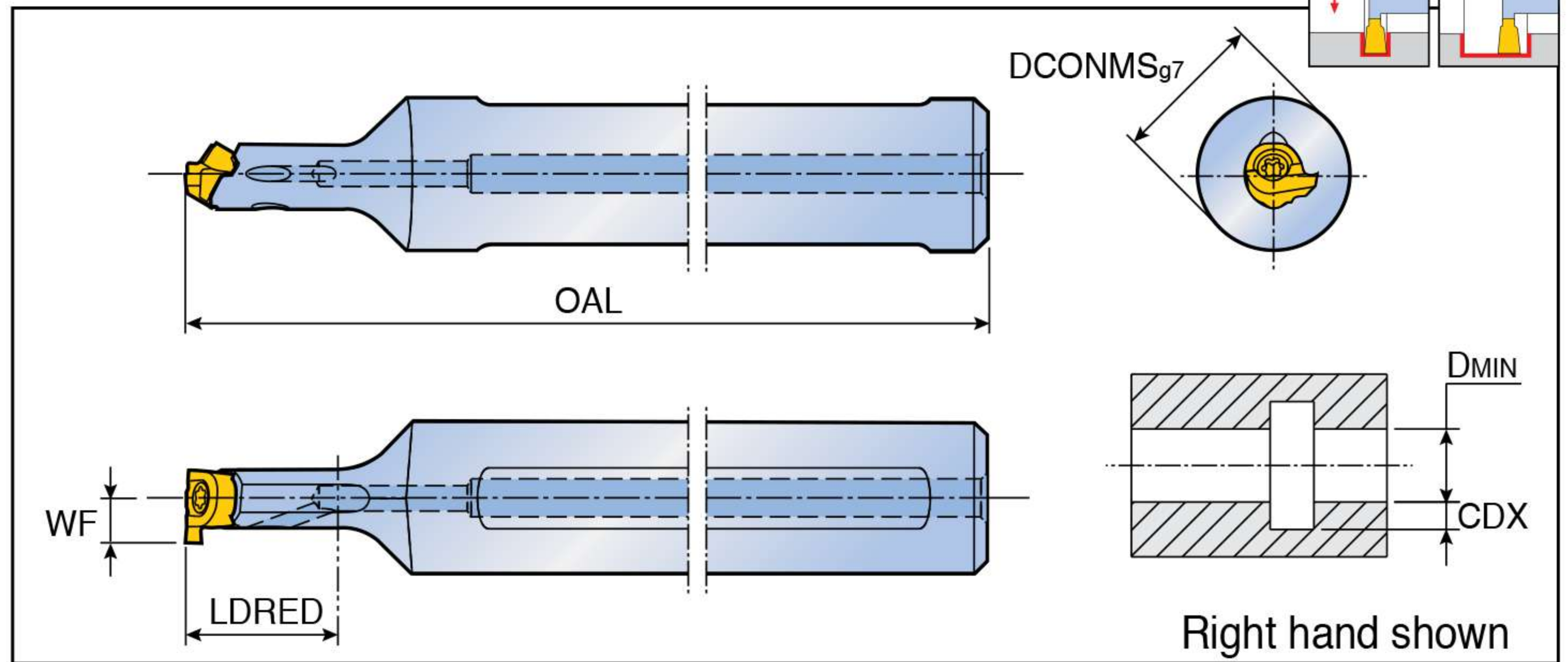
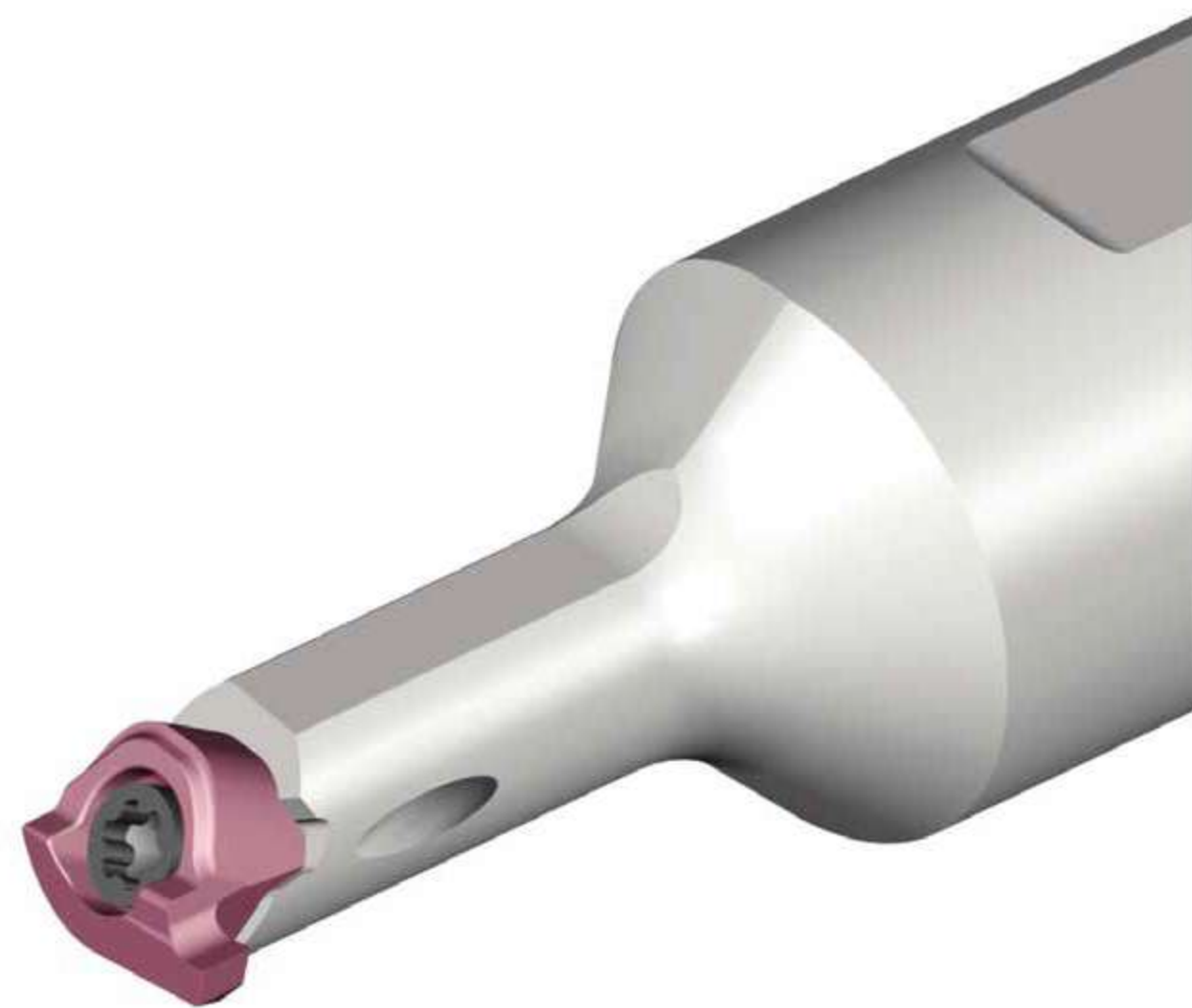
- Available in two grades: TT4430 and TT8020



TMIHR/L

WINGROOVE

Internal boring bars for shallow grooving with coolant hole on small diameter



Designation	Dimension (mm)					Insert
	DCONMS	OAL	LDRED	WF	DMIN	
TMIHR/L 12-12-6	12	80	12	3.5	6.0	TMIR/L 6
12-16-8	12	80	16	4.7	8.0	TMIR/L 8

► CDX: Refer to insert dimension

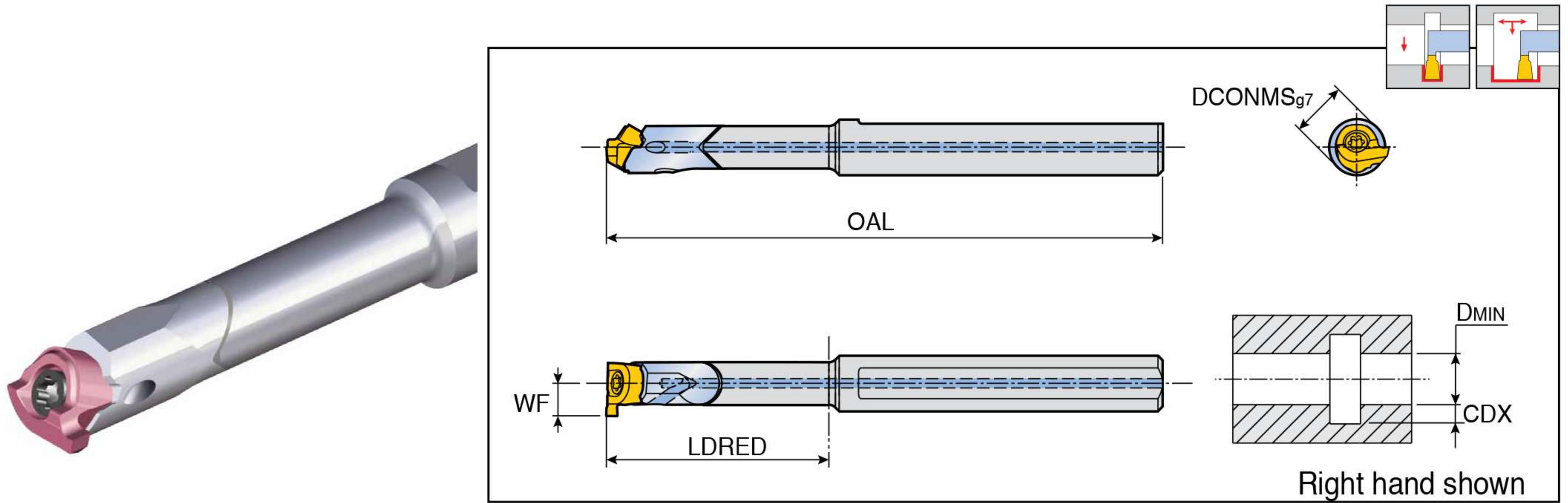
Spare parts

Designation	Screw	Wrench		
TMIHR/L 12-12-6	TS 18049/HG-P	T 6P		
TMIHR/L 12-16-8	TS 20055I	T 6		

TMIHR/L ..C



Internal carbide boring bars for shallow grooving with coolant hole on small diameter



Designation	Dimension (mm)					Insert
	DCONMS	OAL	LDRED	WF	DMIN	
TMIHR/L 06C-18-6	6	54	18	3.5	6.0	TMIR/L 6
06C-24-6	6	60	24	3.5	6.0	TMIR/L 6
12C-24-8	12	92	24	4.7	8.0	TMIR/L 8
12C-32-8	12	100	32	4.7	8.0	TMIR/L 8

► CDX: Refer to insert dimension

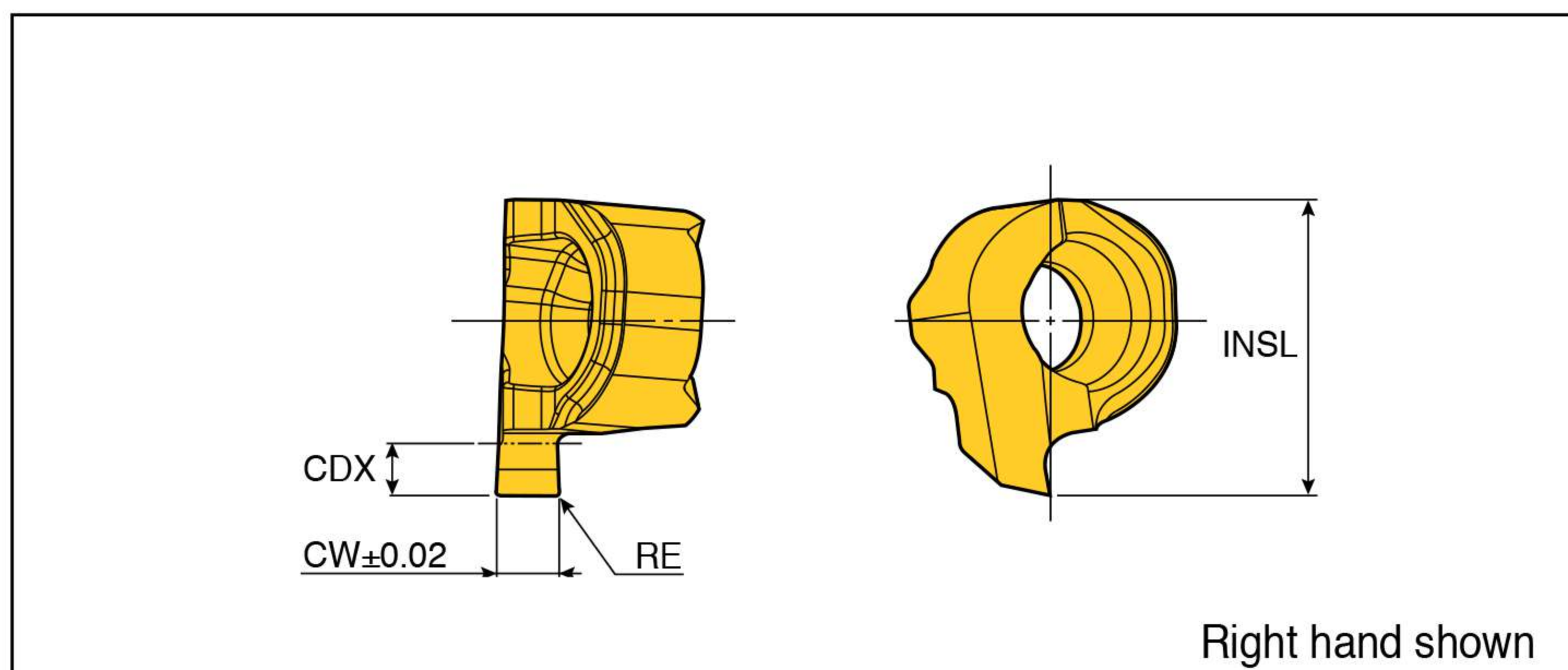
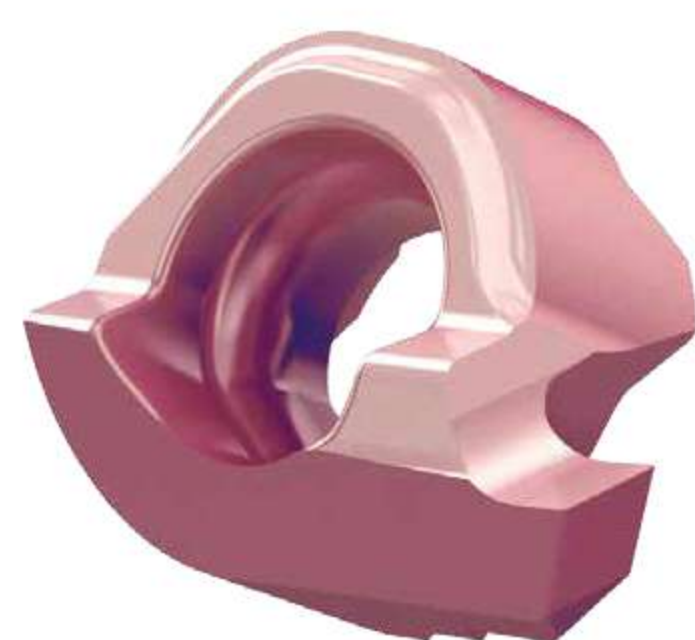
Spare parts

Designation	Screw	Wrench		
	TMIHR/L 06C	TS 18049/HG-P	T 6P	
TMIHR/L 12C	TS 20055I	T 6		

TMIR/L

WIN/GROOVE

Precise inserts for internal shallow grooving on small diameter



Designation	Feed (mm/rev)	Dimension (mm)				Grade	
		CW	RE	CDX	INSL	TT4430	TT8020
TMIR/L 6-0.50-0.00	0.01-0.03	0.50	0.00	0.5	5.7	●	●
6-1.00-0.00	0.01-0.03	1.00	0.00	1.0	5.7	●	●
6-1.20-0.05	0.01-0.03	1.20	0.05	1.0	5.7	●	●
8-0.50-0.00	0.01-0.03	0.50	0.00	0.7	7.4	●	●
8-1.00-0.00	0.01-0.03	1.00	0.00	1.5	7.4	●	●
8-1.50-0.05	0.01-0.03	1.50	0.05	1.5	7.4	●	●
8-2.00-0.10	0.01-0.03	2.00	0.10	1.5	7.4	●	●

●: Standard items

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