

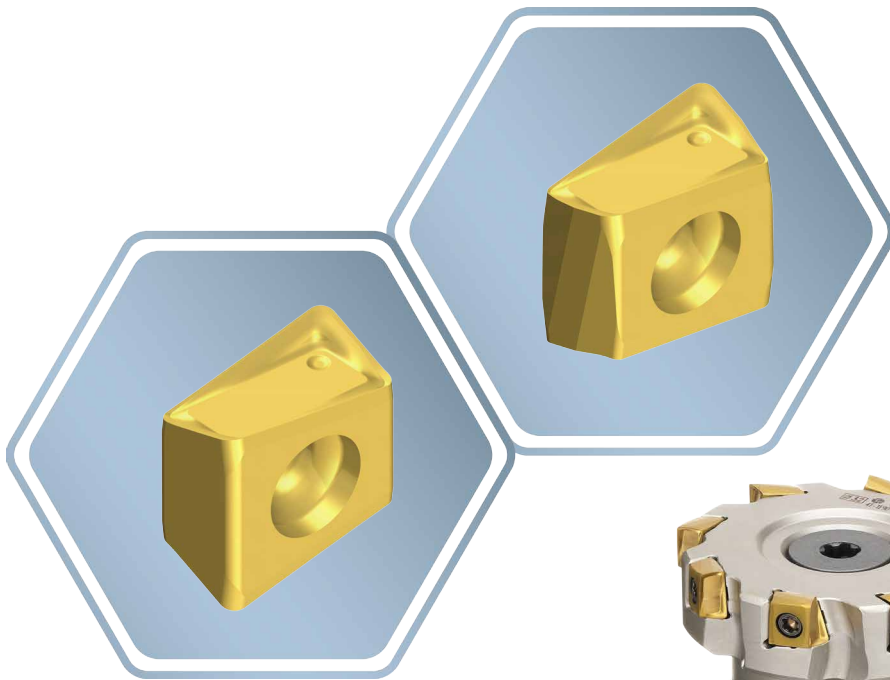
NPN

New Product News



MAXITANG

Insert Exchangeable Head Economical Line Launch



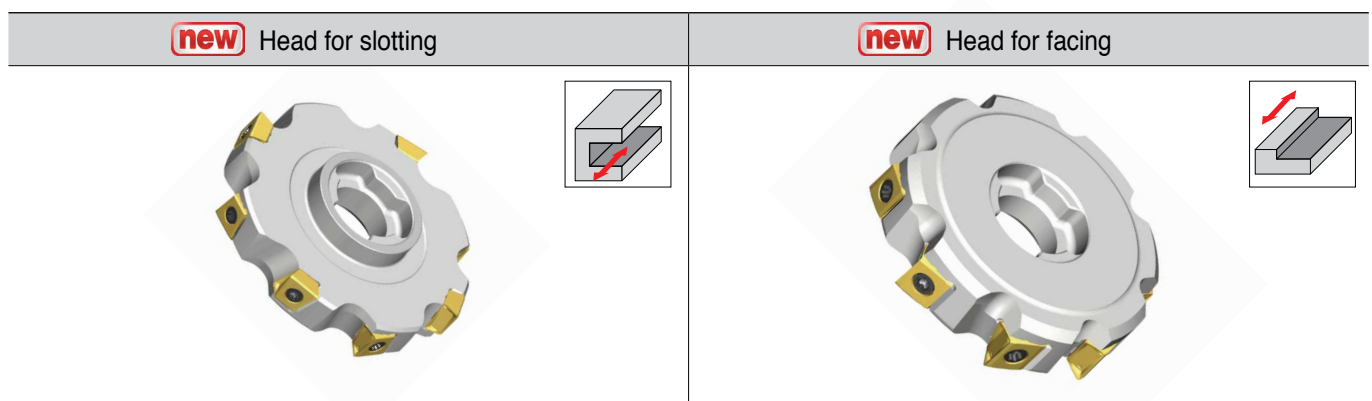
KEY POINT

TaeguTec has introduced an economical, high productivity insert exchangeable head milling line, MAXI-TANG.

The new MAXI-TANG product line, designed with a precise and powerful clamping structure, minimizes set-up time due to the simplified head exchange that uses only one screw. The new line includes the cost-effective MAXI-TANG head and inserts. There are two new insert types in the new line: the LXHU insert for slotting and the LPK(H)U insert line for facing operations. The MAXI-TANG line provides economical yet productive performance in the miniature industry due to its 5 mm small I.C. size and optimized 4-cutting edges that enable excellent machining performance.

For further information, please contact the product manager.

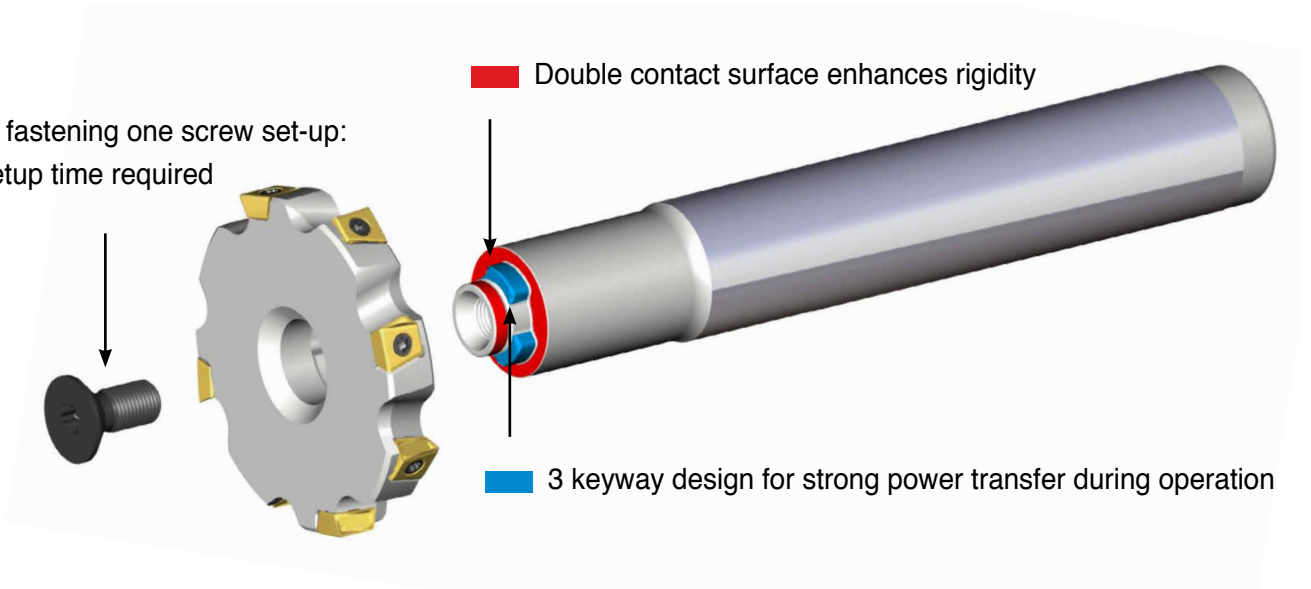
Insert exchangeable MAXI-TANG head



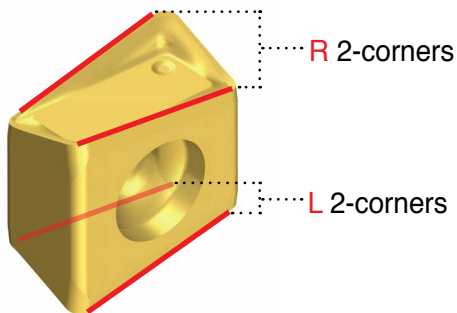
Features

- Simple and robust precision mounting system

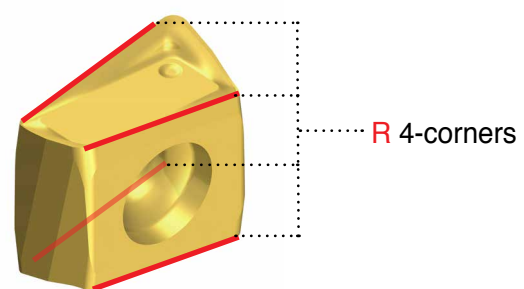
Easy fastening one screw set-up:
no setup time required



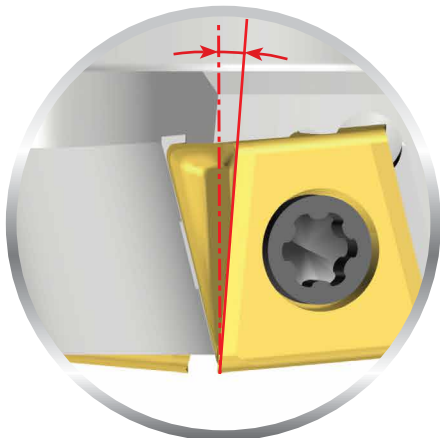
- Double-sided 4-corner tangential insert
 - LXHU insert for slotting: R/L 2-corners each



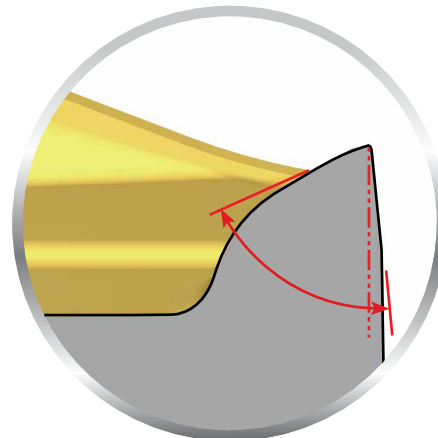
- LPK(H)U insert for facing: 4-corners



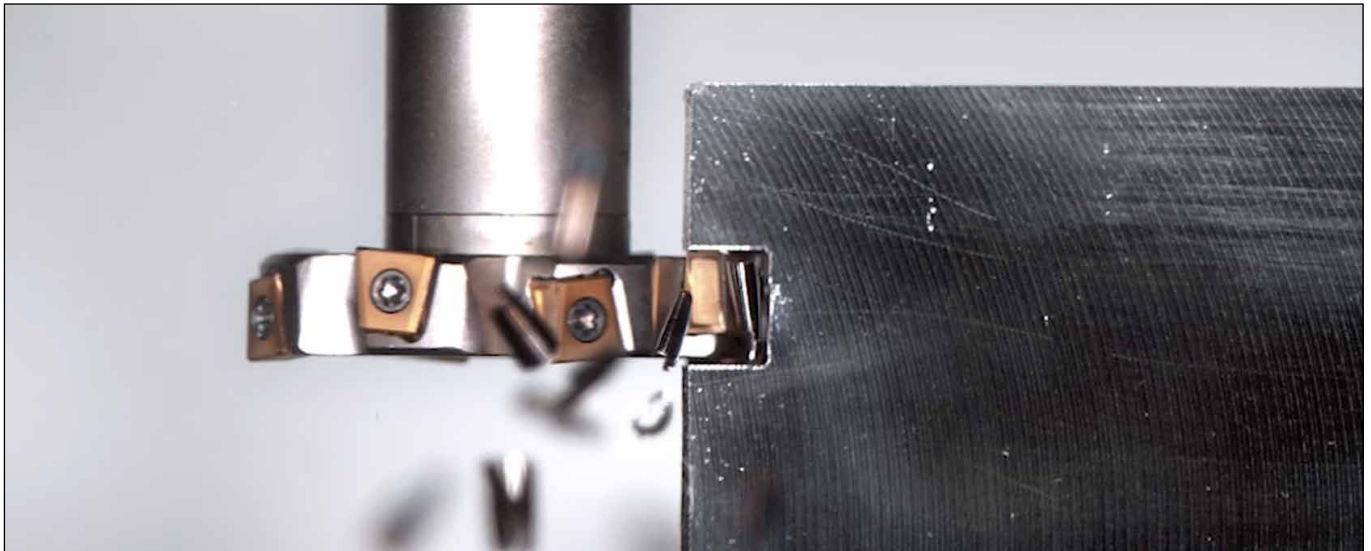
- Insert's helix edge enables smooth cutting



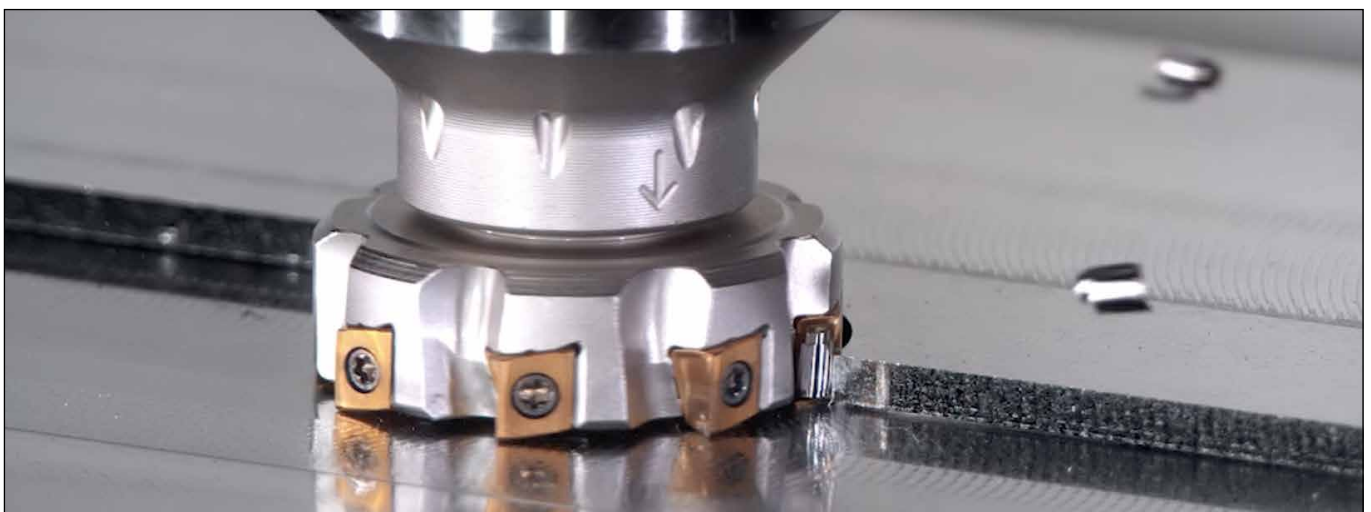
- Reinforced edge geometry for stable machining



- Good chip evacuation
- Suitable for variable applications
 - Slotting



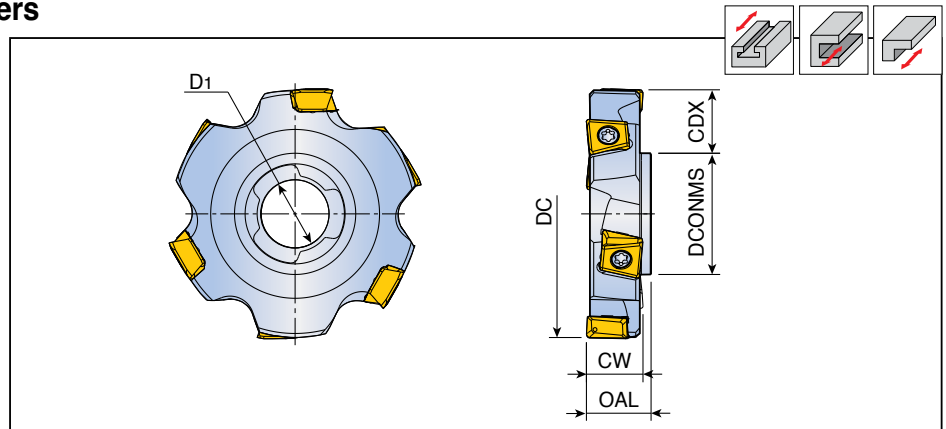
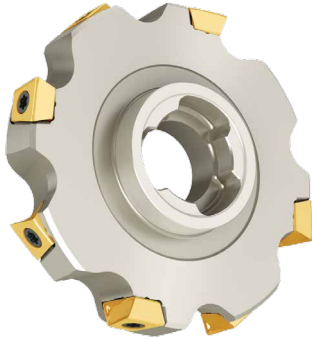
- Facing



4T-TSM-TR-05 new

MAXITANG

Interchangeable Slotting Cutters



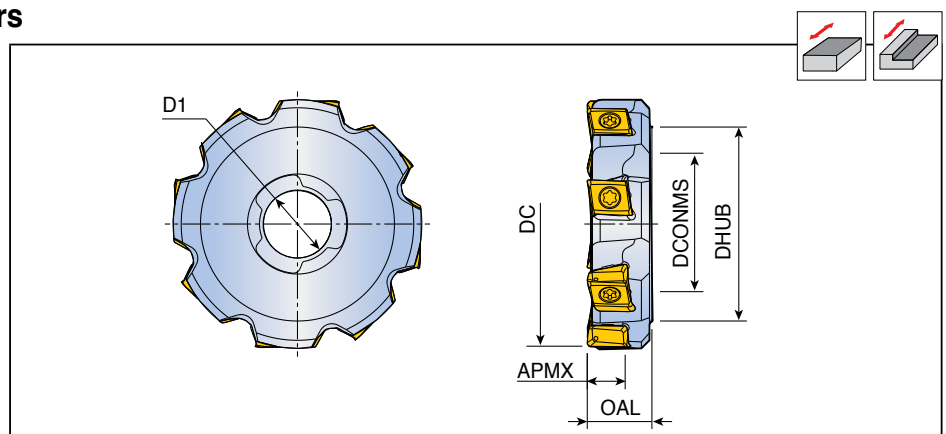
Designation	CW (mm)		Dimension (mm)					Coolant hole	Insert
			DC	DCONMS	D1	CDX	OAL		
4T-TSM-D23-07-TR13-05	7	2+2	23	13	7.5	4.5	8	x	LXHU 05
D25-07-TR13-05	7	2+2	25	13	7.5	5.5	8	x	
D32-07-TR15-05	7	3+3	32	15	8.4	8	8	x	
D40-07-TR17-05	7	4+4	40	17	9.8	11	10	x	

► Matched with TR holder

4T-TE90-TR-05 new

MAXITANG

Interchangeable Milling Cutters



Designation		Dimension (mm)						Coolant hole	Insert
		DC	DCONMS	D1	DHUB	OAL	APMX		
4T-TE90-625-TR15-05	6	25	15	8.4	19	8	4.6	x	LPK(H)U 05
832-TR15-05	8	32	15	8.4	24	8	4.6	x	
1040-TR17-05	10	40	17	9.8	31	10	4.6	x	

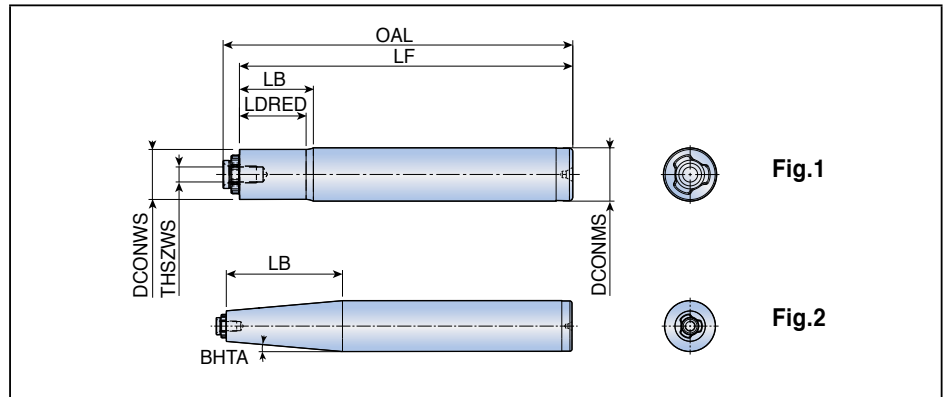
► Matched with TR-F-C holder

Spare parts

Designation	Screw 	Wrench 			
4T-TSM/TE90-TR-05	TS 18049/HG-P	TD 6P			

TR

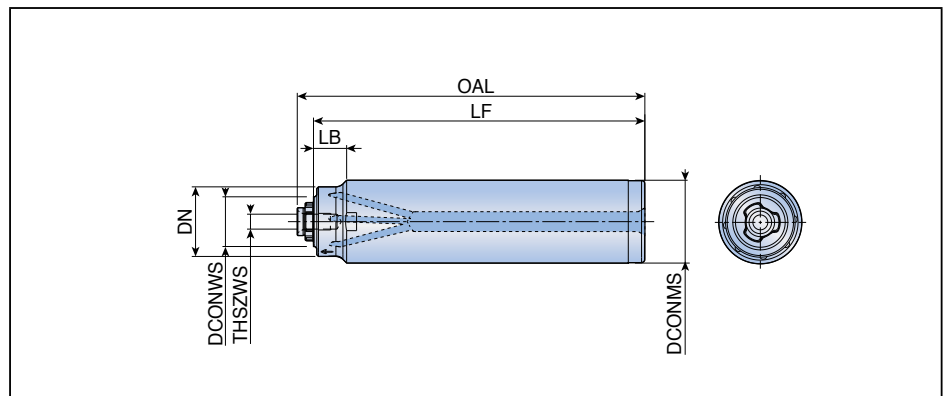
Slotting holders



Designation	Dimension (mm)									Coolant hole	Fig.	Cutter
	DCONMS	DCONWS	LB	LF	OAL	THSZWS	LDRED	BHTA				
TR13-16-L100	16	13	16.6	100	104.35	M4x0.5	13.0	-	x	1	4T-TSM-TR-05	
15-16-L100	16	15	18.2	100	104.90	M5x0.5	16.0	-	x	1		
15-16-L130	16	15	18.2	130	134.90	M5x0.5	16.0	-	x	1		
17-20-L140	20	17	23.8	140	146.00	M6x0.5	20.2	-	x	1		
15-25-TC170	25	15	57.2	170	174.90	M5x0.5	-	5	x	2		




TR-F-C

Facing holders



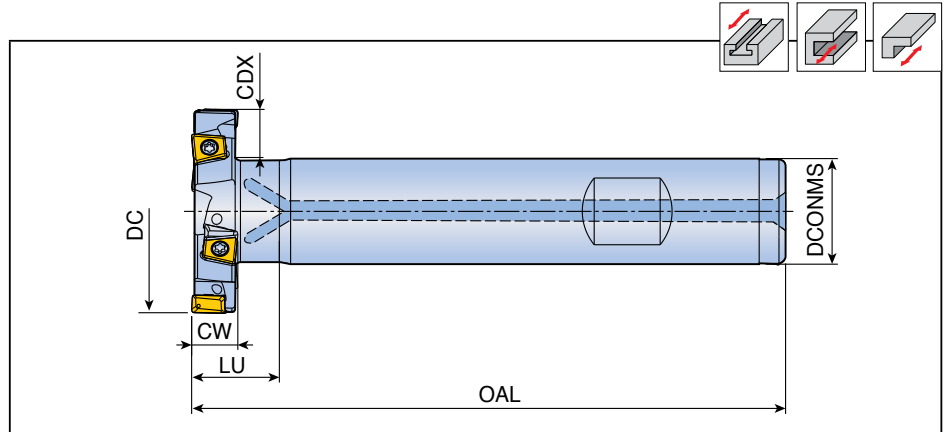
Designation	Dimension (mm)							Coolant hole	Cutter
	DCONMS	DCONWS	LB	LF	OAL	THSZWS	DN		
TR15-25-L100-F-C	25	15	10	100	104.90	M5x0.5	21	●	4T-TE90-TR-05
15-32-L110-F-C	32	15	13.5	110	114.90	M5x0.5	21	●	
17-32-L140-F-C	32	17	10	140	146.00	M6x0.5	28	●	
17-42-L140-F-C	42	17	15	140	146.00	M6x0.5	28	●	

Spare parts

Designation	Screw	Wrench	Wrench handle		
					
TR13	TS 40T098/HG-P	BLD IP15/S7	SW6-T		
TR15	TS 50T110/HG-P	BLD IP20/S7	SW6-T		
TR17	TS 60T130/HG-P	BLD IP20/S7	SW6-T		

4T-TSM-W-05 new

Slotting Cutters: End mills



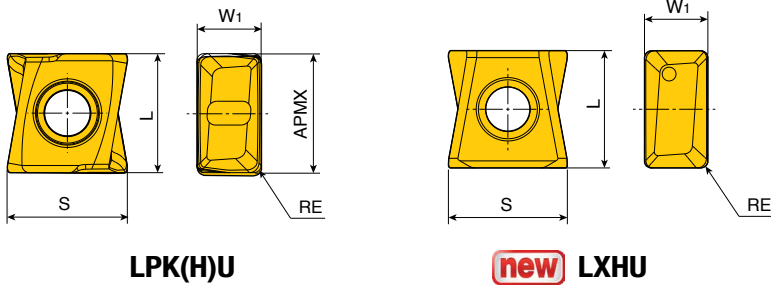
Designation	CW (mm)		Dimension (mm)					Coolant hole	Insert
			DC	DCONMS	OAL	LU	CDX		
4T-TSM-D16-07-W12-05	7	1+1	16	12	90	12	3	●	LXHU 05
D20-07-W12-05	7	2+2	20	12	90	13	4	●	
D25-07-W12-05	7	2+2	25	12	90	13	6.5	●	
D32-07-W16-05	7	3+3	32	16	90	13	8	●	
D40-07-W16-05	7	4+4	40	16	105	13	12	●	

Spare parts

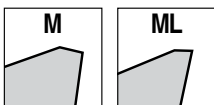
Designation	Screw	Wrench			
4T-TSM-W-05	TS 18049/HG-P	TD 6P			




LPK(H)U / LXHU 05

Inserts



Size	Dimension (mm)				
	L	W1	S	APMX	RE
LPK(H)U 05	5	2.7	5.0-5.2	4.6	0-0.4
LXHU 05	5	2.7	5.0	-	0.4



Insert	Designation	Recommended machining conditions		Coated							Uncoated	
				Coated							Uncoated	
		ap (mm)	Feed (mm/tooth)	TT9080	TT9030	TT8080	TT8020	TT8525B	TT7080	TT7515	TT6080	K10
	LPKU 050204 PNR-M	1.0-3.5	0.08-0.04	●		●						
	LPHU 050204 PNR-ML	1.0-3.5	0.08-0.04	●		●				●		
	LXHU 05-04-ML new	-	0.08-0.04	●		●						

●: Standard items