

# NPN

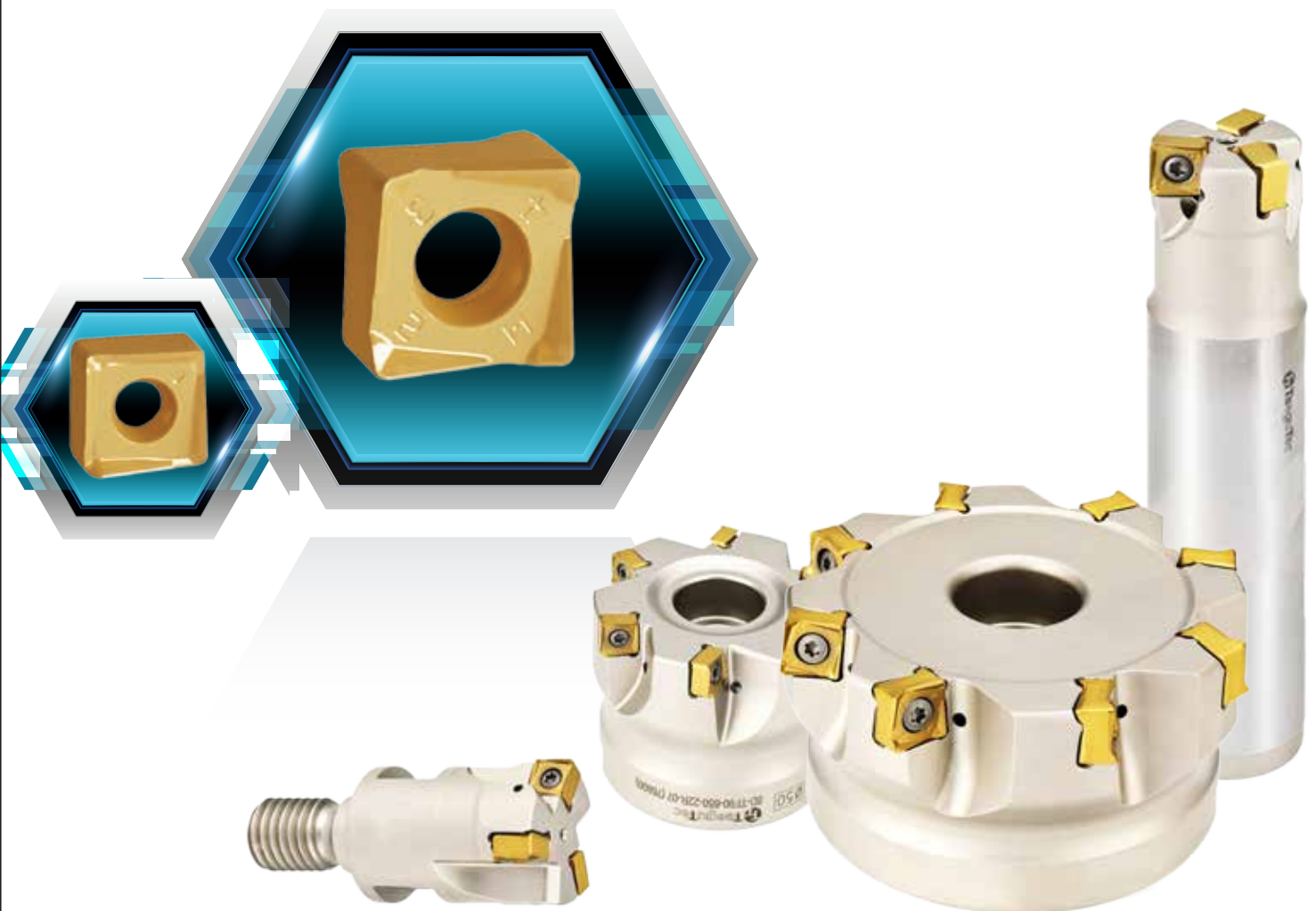
New Product News



## CHASE 8 MILL

90° FACING & SHOULDERING

90° Shoulder Mill with Economical  
8 Cutting Edge Square Insert



## KEY POINT

**TaeguTec now offers an economical double-sided 8 corner insert for true 90° machining.**

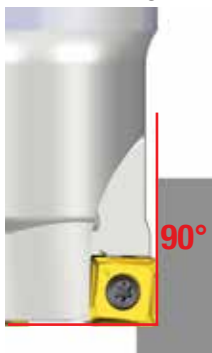
TaeguTec's **CHASE-8-MILL** line is capable of true 90° machining despite being a double-sided insert; the high axial geometry reduces cutting loads and vibration during machining yet achieves high productivity. Further advantages include the optimized design that enables minimal mismatch during 90° step machining, and improved surface roughness of the workpiece due to the inclusion of a flat bottom wiper on the insert.

With a wide variety of inserts and cutter sizes available for end mills, modular types and face mills, the line enables excellent performance in applications where small and medium workpieces are involved.

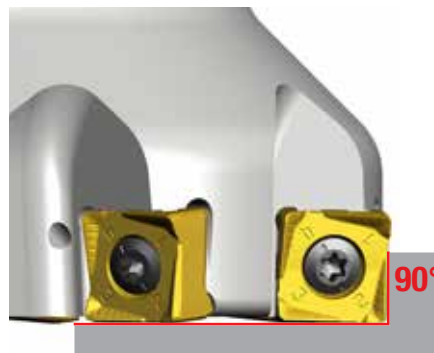
For further technical questions, please contact TaeguTec's product manager.

### Features Insert

- True 90° machining

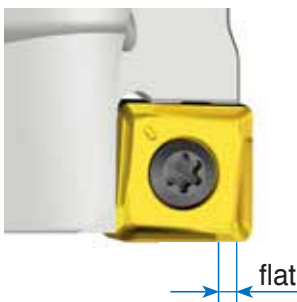


07 size



12 size

- 8 corner double-sided insert
- Insert's optimized design minimizes mismatch in step machining (SQKU 07)
- Insert's bottom wiper means improved surface roughness



- Reduced machining load due to a high positive axial rake angle

## Cutter

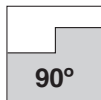
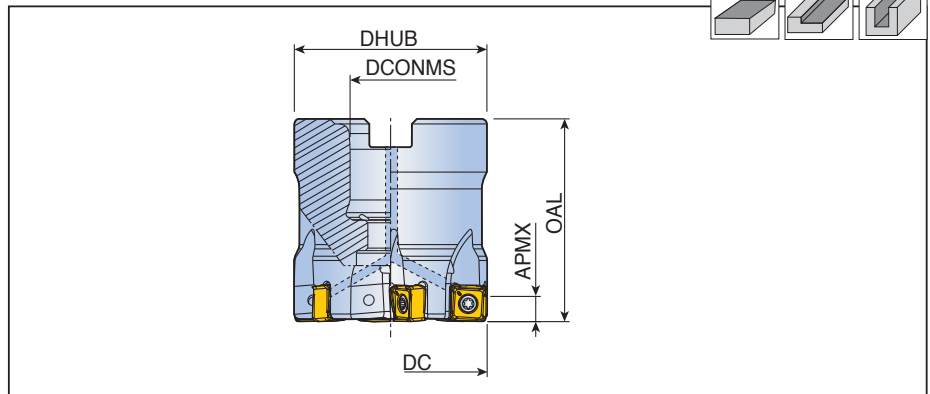
- Internal coolant supply
- Stable clamping due to a wide supporting pocket
- Inclined screw clamping for rigid tightening



## 8D-TF90-07



Face mills



Designation		Dimension (mm)					Coolant	Arbor type	Kg	Mounting bolt	Insert
		DC	DCONMS	DHUB	OAL	APMX					
<b>8D-TF90-432-16R-07</b>	4	32	16	30	32	5.0	•	A	0.1	SH M8x25	SQU 0703...
<b>640-16R-07</b>	6	40	16	38	40	5.0	•	A	0.3	SH M8x25	
<b>650-22R-07</b>	6	50	22	45	40	5.0	•	A	0.4	SH M10x30	
<b>850-22R-07</b>	8	50	22	45	40	5.0	•	A	0.4	SH M10x30	

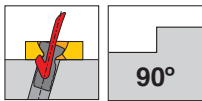
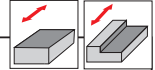
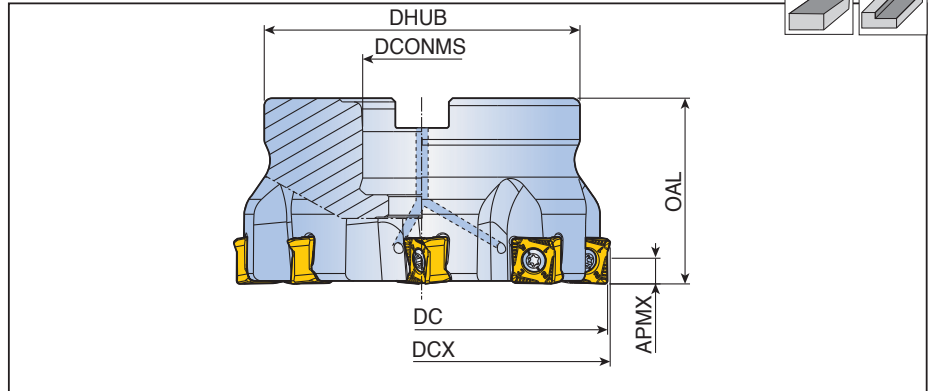
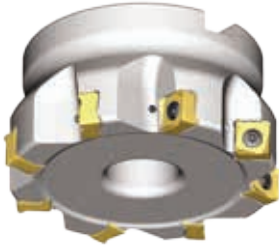
### Spare parts

Designation	Screw	Wrench			
<b>8D-TF90-07</b>	TS 25D060/HG-P	TD 7P			



## 8D-TF90-12

Face mills



Designation		Dimension (mm)						Coolant	Arbor type	Kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>8D-TF90-450-22R-12</b>	4	50	51.3	22	45	40	8.5	●	A	0.3	SH M10x30	SQK(H)U 1206...
<b>650-22R-12</b>	6	50	51.3	22	45	40	8.5	●	A	0.4	SH M10x30	
<b>563-22R-12</b>	5	63	64.3	22	47	40	8.5	●	A	0.5	SH M10x30	
<b>863-22R-12</b>	8	63	64.3	22	47	40	8.5	●	A	0.6	SH M10x30	
<b>680-27R-12</b>	6	80	81.3	27	58	50	8.5	●	A	1.1	SH M12x35	
<b>1180-27R-12</b>	11	80	81.3	27	58	50	8.5	●	A	1.2	SH M12x35	
<b>8100-32R-12</b>	8	100	101.3	32	66	50	8.5	●	A	1.6	SH M16x35	
<b>14100-32R-12</b>	14	100	101.3	32	66	50	8.5	●	A	1.7	SH M16x35	
<b>10125-40R-12</b>	10	125	126.3	40	85	63	8.5	●	A	3.4	SH M20x40	
<b>18125-40R-12</b>	18	125	126.3	40	85	63	8.5	●	A	3.5	SH M20x40	
<b>12160-40R-12</b>	12	160	161.3	40	110	63	8.5	x	C	4.7	-	
<b>22160-40R-12</b>	22	160	161.3	40	110	63	8.5	x	C	4.9	-	

- DC: Cutting diameter
- DCX: Cutting diameter maximum

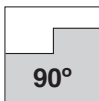
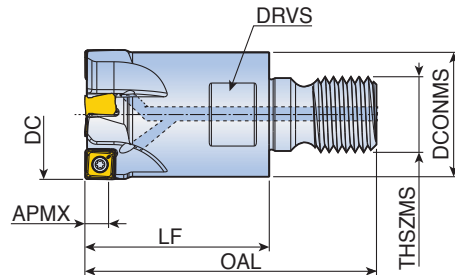
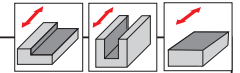
### Spare parts

Designation	Screw	Wrench	Wrench handle		
<b>8D-TF90-12</b>	TS 40M100/HG	TBLD T15-W6	SW6-T		



## 8D-TE90-M-07



Modular heads for T-FLEXTEC



Designation	Holes	Dimension (mm)							Coolant	Insert
		DC	DCONMS	LF	OAL	THSZMS	APMX	DRVS		
<b>8D-TE90-216-M08-07</b>	2	16	14	23	40.5	M08	5.0	10	●	SQKU 0703...
<b>320-M10-07</b>	3	20	18	30	50	M10	5.0	15	●	
<b>325-M12-07</b>	3	25	22	35	57	M12	5.0	17	●	
<b>432-M16-07</b>	4	32	29	43	68	M16	5.0	25	●	
<b>540-M16-07</b>	5	40	29	43	68	M16	5.0	25	●	

• Matched with T-FLEXTEC holder

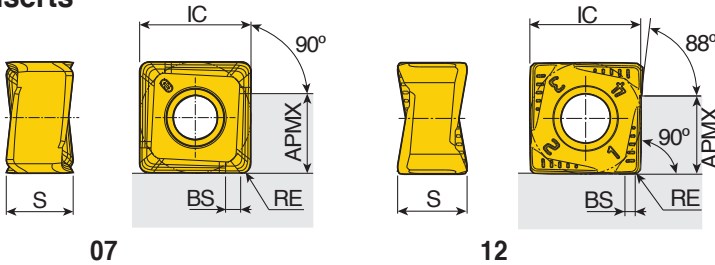
### Spare parts

Designation	Screw	Wrench			
					
<b>8D-TE90-07</b>	TS 25D060/HG-P	TD 7P			

## SQK(H)U



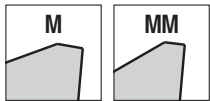
### Inserts



07

12

Size	Dimension (mm)				
	IC	S	APMX	BS	RE
07	7.0	4.16	5.0	0.9	0.8
12	12.2	8.06	8.5	1.1	0.8



Insert	Designation	Recommended machining conditions		Coated						Uncoated				
		ap (mm)	Feed (mm/tooth)	TT9080	TT9030	TT8080	TT8020	TT8525	TT7080	TT7515	TT6080	TT2510	K10	
	<b>SQKU 070308 PNR-M</b>	1.0-4.0	0.20-0.10	●		●					●			
	<b>SQKU 120608 PNR-M</b>	2.0-6.5	0.25-0.15	●				●			●	●		
	<b>SQHU 120608 PNR-MM</b>	2.0-6.5	0.25-0.15	●							●			

●: Standard items



## KIT COLLECTIONS

These kit products are available in the format listed below.



Cat. No.	Designation	Bill of materials	Qty.
6334801	<b>KISFT-8D-TE90-216-W16-07</b>	8D-TE90-216-W16-07	1
		SQKU 070308 PNR-M TT9080	4
6334802	<b>KISFT-8D-TE90-325-W25-07</b>	8D-TE90-325-W25-07	1
		SQKU 070308 PNR-M TT9080	6
6334803	<b>KISFT-8D-TE90-432-W32-07</b>	8D-TE90-432-W32-07	1
		SQKU 070308 PNR-M TT9080	8
6334804	<b>KISFT-8D-TF90-680-27R-12</b>	8D-TF90-680-27R-12	1
		SQKU 120608 PNR-M TT9080	12



Cat. No.	Designation	Bill of materials	Qty.
6337866	<b>KISFS-8D-TE90-216-W16-07</b>	8D-TE90-216-W16-07	1
		SQKU 070308 PNR-M TT9080	50
6337867	<b>KISFS-8D-TE90-325-W25-07</b>	8D-TE90-325-W25-07	1
		SQKU 070308 PNR-M TT9080	50
6337868	<b>KISFS-8D-TE90-432-W32-07</b>	8D-TE90-432-W32-07	1
		SQKU 070308 PNR-M TT9080	50
6337869	<b>KISFS-8D-TF90-680-27R-12</b>	8D-TF90-680-27R-12	1
		SQKU 120608 PNR-M TT9080	50



Cat. No.	Designation	Bill of materials	Qty.
6338437	<b>KISFF-A-SQKU 07-M TT9080</b>	SQKU 070308 PNR-M TT9080	100
6338438	<b>KISFF-B-SQKU 07-M TT9080</b>		300
6338439	<b>KISFF-A-SQKU 12-M TT9080</b>	SQKU 120608 PNR-M TT9080	100
6338440	<b>KISFF-B-SQKU 12-M TT9080</b>		300