

# NPN

New Product News



## CHASE 8 SPEED

FACING & HIGH FEED

### 8-Corners SQKU 11 & 14 Inserts for High Productivity Face Milling





## KEY POINT

**TaeguTec has introduced the CHASE-8-SFEED line for rough and high feed face milling operations.**

The newly released CHASE-8-SFEED, for roughing (45°) and high feed (20°) face milling, provides higher productivity than conventional double-sided 8-corner inserts by applying a reinforced edge shape and a unique insert pocket angle. Excellent machining performance, under harsh cutting conditions, is obtained due to the high negative radial rake angle and high positive axial rake angle. Coupled with the stronger body rigidity, excellent chip evacuation is the result. CHASE-8-SFEED inserts are available in two sizes, SQKU 11 and 14, and the same insert can be used interchangeably with 45° roughing cutters and 20° high feed cutters.

For further information, please contact the product manager.

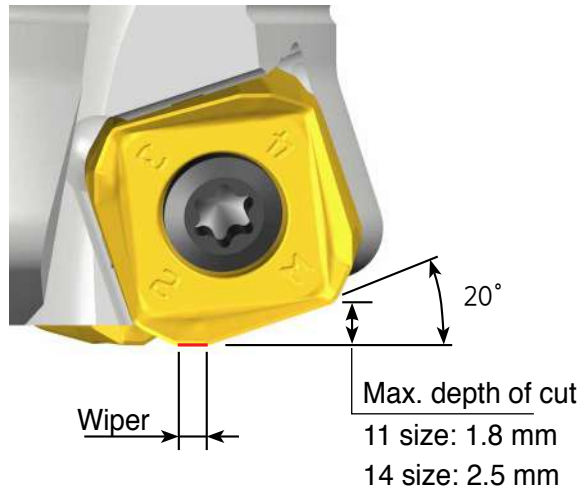
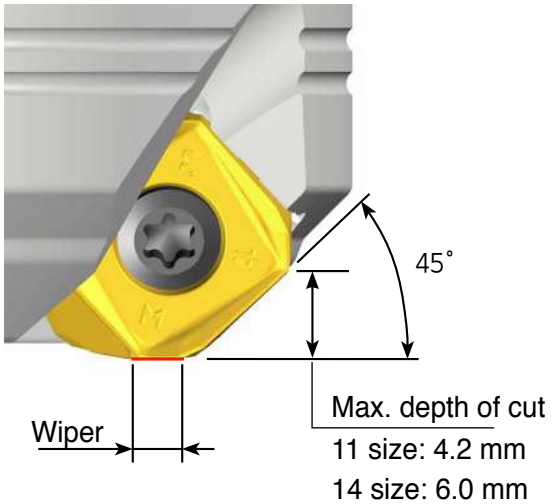
### CHASE-8-SFEED Insert

<b>new</b> SQKU 11	<b>new</b> SQKU 14
	

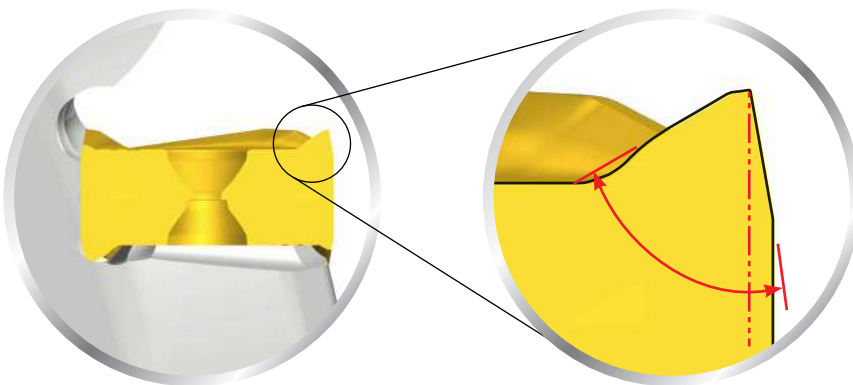


## Features

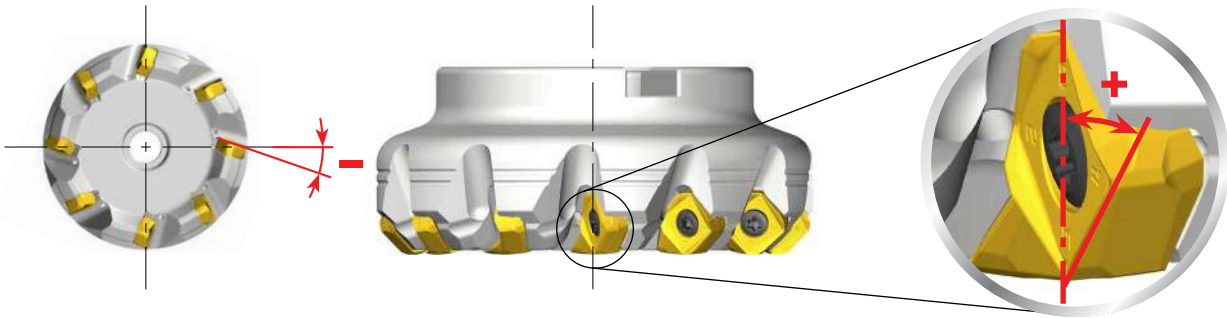
- Economical double-sided 8-corner insert
- Two entering angle cutters for roughing and high feed machining
  - 45° cutters: deep depth of cut for roughing
  - 20° cutters: for high feed milling



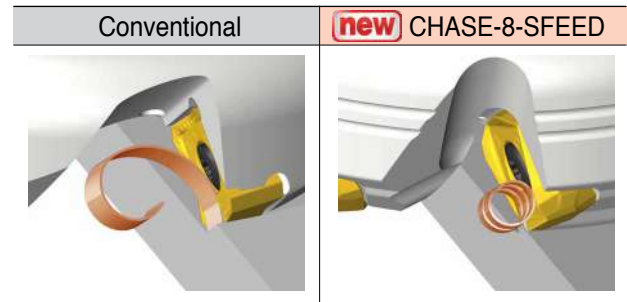
- Wiper edge for excellent surface roughness
  - Note: good visual roughness requires feed rate adjustment
- Reinforced edge optimized for high feed machining

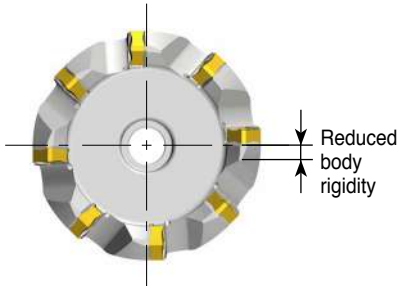
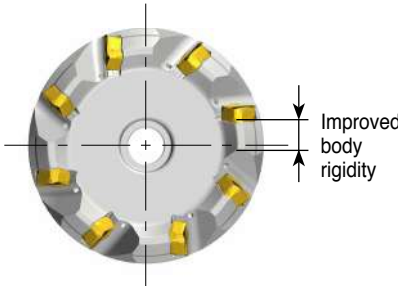
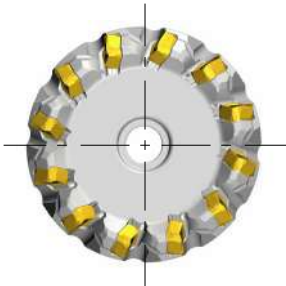


■ High negative radial rake angle and high positive axial rake angle



- Excellent chip evacuation due to reduced chip volume
- Enhanced body rigidity for excellent machining performance under harsh cutting conditions
- Fine pitch cutter maximizes productivity

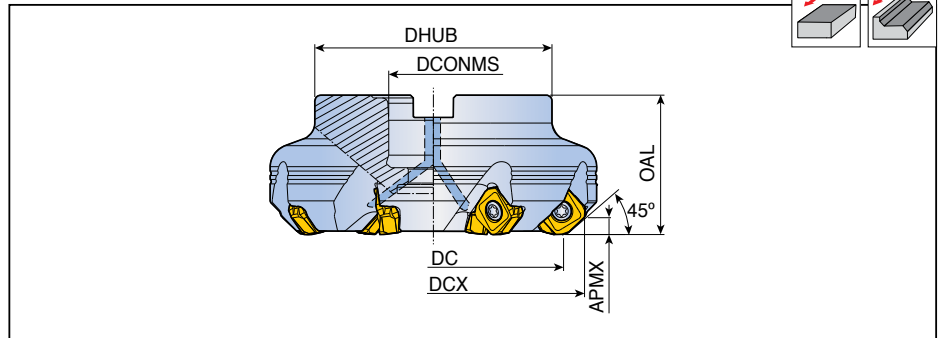


Conventional cutter	<b>new</b> CHASE-8-SPEED cutter	
	Normal pitch	Fine pitch
 <p>Reduced body rigidity due to the wider space for insert clamping and chip evacuation</p>	 <p>Improved body rigidity due to the ideal chip evacuation in a more confined space</p>	 <p>Larger number of teeth for higher productivity</p>



## 8D-TF45-11/14

Face mills



Designation	Z	Dimension (mm)						Coolant hole	Arbor type	kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
<b>8D-TF45- 440-16R-11</b>	4	40	51	16	38	40	4.2	●	A	0.4	SH M8X25	SQKU 1105 ANR-M
<b>640-16R-11</b>	6	40	51	16	38	40	4.2	●	A	0.4	SH M8X25	
<b>650-22R-11</b>	6	50	61	22	45	40	4.2	●	A	0.5	LH M10X25	
<b>850-22R-11</b>	8	50	61	22	45	40	4.2	●	A	0.5	LH M10X25	
<b>763-22R-11</b>	7	63	74	22	47	50	4.2	●	A	1.0	SH M10X30	
<b>1063-22R-11</b>	10	63	74	22	47	50	4.2	●	A	1.0	SH M10X30	
<b>880-27R-11</b>	8	80	91	27	70	50	4.2	●	A	1.6	LH M12X30	
<b>1280-27R-11</b>	12	80	91	27	70	50	4.2	●	A	1.6	LH M12X30	
<b>9100-32R-11</b>	9	100	111	32	85	50	4.2	●	A	2.4	LH M16X35	
<b>14100-32R-11</b>	14	100	111	32	85	50	4.2	●	A	2.5	LH M16X35	
<b>12125-40R-11</b>	12	125	136	40	85	63	4.2	●	A	4.0	SH M20X40	
<b>18125-40R-11</b>	18	125	136	40	85	63	4.2	●	A	4.1	SH M20X40	
<b>16160-40R-11</b>	16	160	171	40	110	63	4.2	x	C	5.6	-	
<b>24160-40R-11</b>	24	160	171	40	110	63	4.2	x	C	5.6	-	
<b>8D-TF45- 450-22R-14</b>	4	50	65.5	22	45	40	6.0	●	A	0.6	LH M10X25	SQKU 1406 ANR-M
<b>650-22R-14</b>	6	50	65.5	22	45	40	6.0	●	A	0.6	LH M10X25	
<b>663-22R-14</b>	6	63	78.5	22	47	50	6.0	●	A	1.1	SH M10X30	
<b>863-22R-14</b>	8	63	78.5	22	47	50	6.0	●	A	1.0	SH M10X30	
<b>780-27R-14</b>	7	80	95.5	27	70	50	6.0	●	A	1.7	LH M12X30	
<b>1080-27R-14</b>	10	80	95.5	27	70	50	6.0	●	A	1.7	LH M12X30	
<b>8100-32R-14</b>	8	100	115.5	32	85	50	6.0	●	A	2.6	LH M16X35	
<b>12100-32R-14</b>	12	100	115.5	32	85	50	6.0	●	A	2.5	LH M16X35	
<b>10125-40R-14</b>	10	125	140.5	40	85	63	6.0	●	A	4.4	SH M20X40	
<b>16125-40R-14</b>	16	125	140.5	40	85	63	6.0	●	A	4.3	SH M20X40	
<b>12160-40R-14</b>	12	160	175.5	40	110	63	6.0	x	C	5.9	-	
<b>20160-40R-14</b>	20	160	175.5	40	110	63	6.0	x	C	5.9	-	
<b>18200-60R-14</b>	18	200	215.5	60	130	63	6.0	x	C	8.4	-	
<b>26200-60R-14</b>	26	200	215.5	60	130	63	6.0	x	C	8.3	-	

▶ Mounting bolt with coolant through hole is available on request (ordering example: SH M10x1.5x30-C)

### Spare parts

Designation	Screw	Wrench	Wrench handle		
<b>8D-TF-11</b>	TS 40A115I	TBLD T15-W6	SW6-T		
<b>8D-TF-14</b>	TS 50C130I/HG	TBLD T20-W6	SW6-T		



