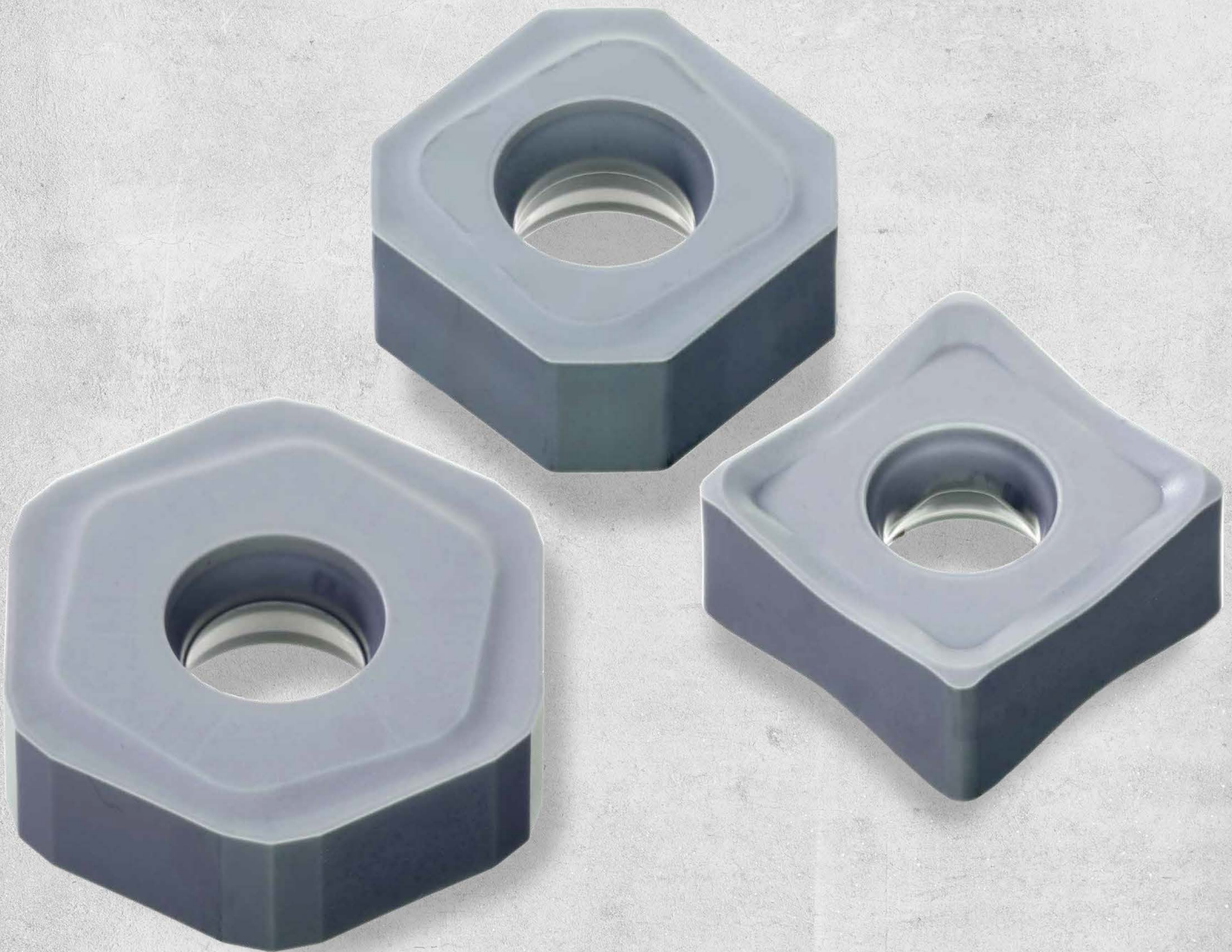


NEW PRODUCT NEWS

mgt
MEGA TECH
METALWORK

Taegutec Milling Line

New Ceramic Inserts for High-Speed Cast Iron Machining



KEY POINT

TaeguTec has introduced a range of ceramic inserts designed for high-speed cast iron machining, delivering exceptional productivity.

As high-speed operations become a key trend in cast iron machining, ceramic inserts are increasingly recognized for their ability to maximize efficiency. In response, TaeguTec now offers ceramic inserts across its CHASE-8-SFEED, CHASE-12-MILL, and CHASE-2-QUAD product lines.

Manufactured using TaeguTec’s advanced press-forming technology, these new ceramic inserts feature precisely engineered cutting edges for superior machining performance. A wide range of insert geometries, fully compatible with existing holders, offers versatile solutions for various cutting conditions.

For more information, please contact the product manager.

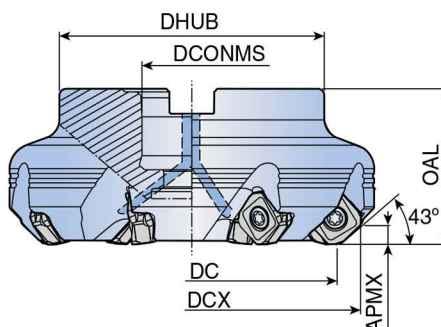
New pressed ceramic inserts

 	 	 
SQKU	HXKU	SNKX

8D-TF45-11

CHASE 8 SPEED
FACING & HIGH FEED

Face mills



Designation		Dimension (mm)						Air (1) hole	Arbor type	Kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
8D-TF45-440-16R-11	4	41	51	16	38	40	4.0	●	A	0.4	SH M8x25	SQKU 1105-CE
640-16R-11	6	41	51	16	38	40	4.0	●	A	0.4	SH M8x25	
650-22R-11	6	51	61	22	45	40	4.0	●	A	0.5	LH M10x25	
850-22R-11	8	51	61	22	45	40	4.0	●	A	0.5	LH M10x25	
763-22R-11	7	64	74	22	47	50	4.0	●	A	1.0	SH M10x30	
1063-22R-11	10	64	74	22	47	50	4.0	●	A	1.0	SH M10x30	
880-27R-11	8	81	91	27	70	50	4.0	●	A	1.6	LH M12x30	
1280-27R-11	12	81	91	27	70	50	4.0	●	A	1.6	LH M12x30	
9100-32R-11	9	101	111	32	85	50	4.0	●	A	2.4	LH M16x35	
14100-32R-11	14	101	111	32	85	50	4.0	●	A	2.5	LH M16x35	
8125-40R-11	8	126	136	40	85	63	4.0	●	A	4.1	SH M20x40	
12125-40R-11	12	126	136	40	85	63	4.0	●	A	4.0	SH M20x40	
18125-40R-11	18	126	136	40	85	63	4.0	●	A	4.1	SH M20x40	
10160-40R-11	10	161	171	40	110	63	4.0	x	C	5.7	-	
16160-40R-11	16	161	171	40	110	63	4.0	x	C	5.6	-	
24160-40R-11	24	161	171	40	110	63	4.0	x	C	5.6	-	

► Mounting bolt with air-through hole is available upon request (ordering example: SH M10x1.5x30-C)

►⁽¹⁾ Use only air (coolant is prohibited)

► Certain assembly dimensions differ slightly between carbide and ceramic inserts (e.g., DC, APMX)

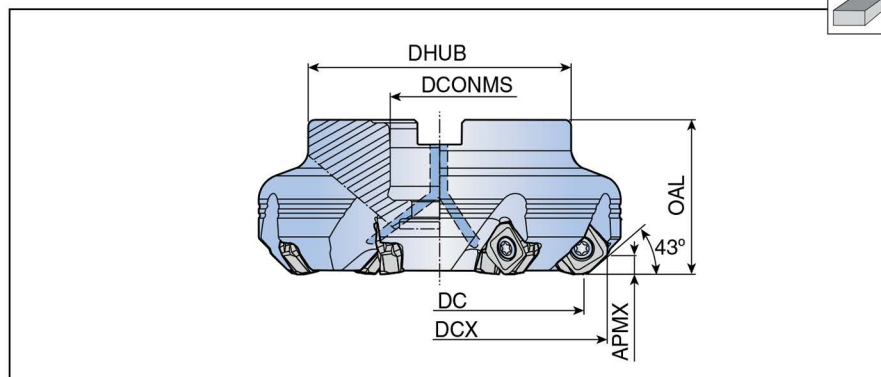
Spare parts

Designation	Screw	Wrench	Wrench handle		
8D-TF45-11	TS 40A115I	TBLD T15-W6	SW6-T		

8D-TF45-14



Face mills



Designation		Dimension (mm)						Air (1) hole	Arbor type	Kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
8D-TF45- 450-22R-14	4	51.75	65.3	22	45	40	5.5	●	A	0.6	LH M10x25	SQKU 1406-CE
650-22R-14	6	51.75	65.3	22	45	40	5.5	●	A	0.6	LH M10x25	
663-22R-14	6	64.75	78.3	22	47	50	5.5	●	A	1.1	SH M10x30	
863-22R-14	8	64.75	78.3	22	47	50	5.5	●	A	1.0	SH M10x30	
780-27R-14	7	81.75	95.3	27	70	50	5.5	●	A	1.7	LH M12x30	
1080-27R-14	10	81.75	95.3	27	70	50	5.5	●	A	1.7	LH M12x30	
8100-32R-14	8	101.75	115.3	32	85	50	5.5	●	A	2.6	LH M16x35	
12100-32R-14	12	101.75	115.3	32	85	50	5.5	●	A	2.5	LH M16x35	
6125-40R-14	6	126.75	140.3	40	85	63	5.5	●	A	4.1	SH M20x40	
10125-40R-14	10	126.75	140.3	40	85	63	5.5	●	A	4.4	SH M20x40	
16125-40R-14	16	126.75	140.3	40	85	63	5.5	●	A	4.3	SH M20x40	
7160-40R-14	7	161.75	175.3	40	110	63	5.5	x	C	5.6	-	
12160-40R-14	12	161.75	175.3	40	110	63	5.5	x	C	5.9	-	
20160-40R-14	20	161.75	175.3	40	110	63	5.5	x	C	5.9	-	
8200-60R-14	8	201.75	215.3	60	130	63	5.5	x	C	8.0	-	
18200-60R-14	18	201.75	215.3	60	130	63	5.5	x	C	8.4	-	
26200-60R-14	26	201.75	215.3	60	130	63	v	x	C	8.3	-	

► Mounting bolt with air-through hole is available upon request (ordering example: SH M10x1.5x30-C)

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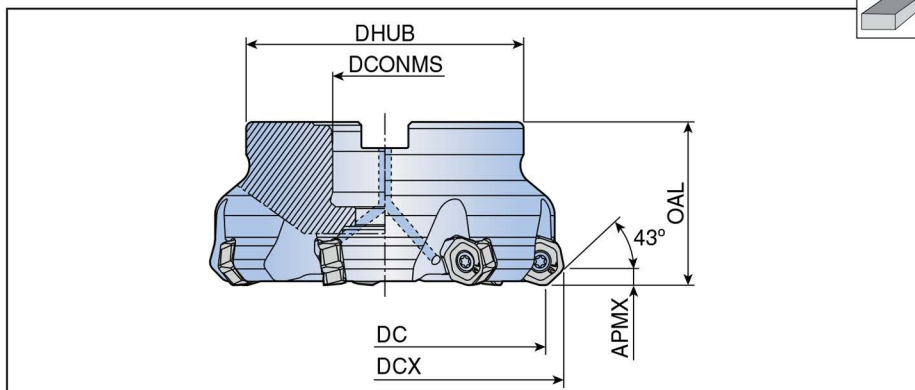
Spare parts

Designation	Screw	Wrench	Wrench handle		
8D-TF45-14	TS 50C130I/HG	TBLD T20-W6	SW6-T		

12D-TF45-06



Face mills



Designation		Dimension (mm)						Air ⁽¹⁾ hole	Arbor type	Kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
12D-TF45-450-22R-06	4	50	60.8	22	45	40	3.0	●	A	0.5	LH M10x25	HXKU 0605-CE
650-22R-06	6	50	60.8	22	45	40	3.0	●	A	0.5	LH M10x25	
563-22R-06	5	63	73.8	22	47	40	3.0	●	A	0.7	LH M10x25	
763-22R-06	7	63	73.8	22	47	40	3.0	●	A	0.7	LH M10x25	
480-27R-06	4	80	90.8	27	70	50	3.0	●	A	1.4	SH M12x35	
680-27R-06	6	80	90.8	27	70	50	3.0	●	A	1.5	SH M12x35	
1080-27R-06	10	80	90.8	27	70	50	3.0	●	A	1.5	SH M12x35	
5100-32R-06	5	100	110.8	32	85	50	3.0	●	A	2.0	LH M16x35	
7100-32R-06	7	100	110.8	32	85	50	3.0	●	A	2.2	LH M16x35	
12100-32R-06	12	100	110.8	32	85	50	3.0	●	A	2.2	LH M16x35	
6125-40R-06	6	125	135.8	40	85	63	3.0	●	A	3.5	SH M20x40	
10125-40R-06	10	125	135.8	40	85	63	3.0	●	A	3.6	SH M20x40	
16125-40R-06	16	125	135.8	40	85	63	3.0	●	A	3.6	SH M20x40	
8160-40R-06	8	160	170.8	40	110	63	3.0	x	C	4.7	-	
12160-40R-06	12	160	170.8	40	110	63	3.0	x	C	4.9	-	
20160-40R-06	20	160	170.8	40	110	63	3.0	x	C	4.9	-	

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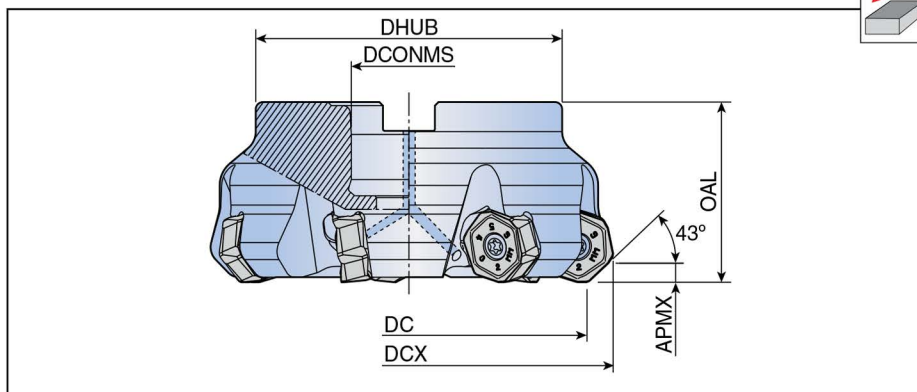
Spare parts

Designation	Screw	Wrench	Wrench handle		
12D-TF45-06	TS 40B 100I	TBLD T15-W6	SW6-T		

12D-TF45-10



Face mills



Designation		Dimension (mm)						Air ⁽¹⁾ hole	Arbor type	Kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
12D-TF45-563-22R-10	5	61.6	77	22	47	50.2	5.0	●	A	0.9	SH M10x30	HXKU 1007-CE
763-22R-10	7	61.6	77	22	47	50.2	5.0	●	A	0.9	SH M10x30	
680-27R-10	6	78.6	94	27	70	50.2	5.0	●	A	1.6	SH M12x35	
980-27R-10	9	78.6	94	27	70	50.2	5.0	●	A	1.6	SH M12x35	
7100-32R-10	7	98.6	114	32	85	50.2	5.0	●	A	2.4	LH M16x35	
11100-32R-10	11	98.6	114	32	85	50.2	5.0	●	A	2.4	LH M16x35	
8125-40R-10	8	123.6	139	40	85	63.2	5.0	●	A	4.1	SH M20x40	
10125-40R-10	10	123.6	139	40	85	63.2	5.0	●	A	4.0	SH M20x40	
14125-40R-10	14	158.6	174	40	85	63.2	5.0	x	A	4.0	SH M20x40	
10160-40R-10	10	158.6	174	40	110	63.2	5.0	x	C	5.6	-	
16160-40R-10	16	198.6	214	40	110	63.2	5.0	x	C	5.6	-	
14200-60R-10	14	198.6	214	60	130	63.2	5.0	x	C	7.9	-	
21200-60R-10	21	248.6	264	60	130	63.2	5.0	x	C	7.9	-	
16250-60R-10	16	248.6	264	60	160	63.2	5.0	x	C	12.4	-	
28250-60R-10	28	248.6	264	60	160	63.2	5.0	x	C	12.4	-	

► Mounting bolt with air-through hole is available upon request (ordering example: SH M10x1.5x30-C)

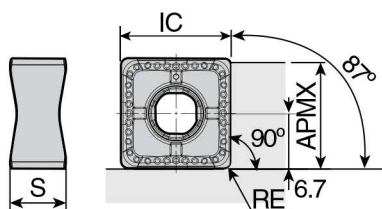
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Spare parts

Designation	Screw	Wrench	Wrench handle		
12D-TF45-10	TS 50C130/HG	TBLD T20-M6	SW6-T		

Inserts



Size	Dimension (mm)					
	IC	S	APMX	RE		
SNGX 13	13.5	6.8	12	0.8		
SNKX 13	13.5	6.8	12	0.8		

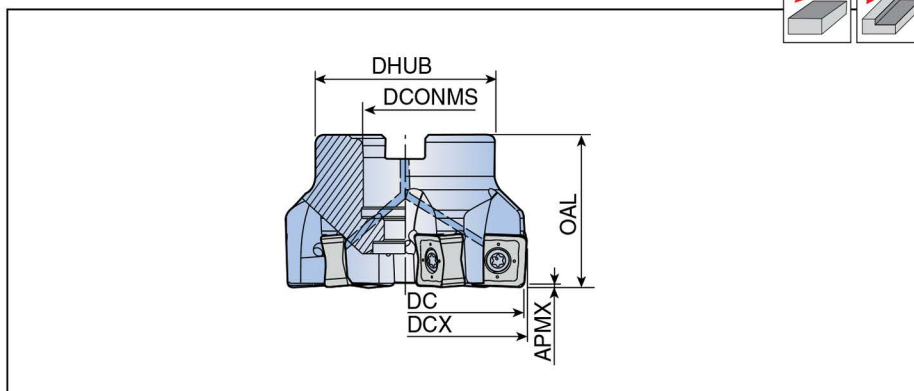
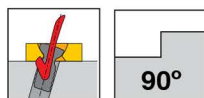
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●: Standard items

TFM90SN-13

CHASE2QUAD

Face mills



Designation		Dimension (mm)						Air ⁽¹⁾ hole	Arbor type	Kg	Mounting bolt	Insert
		DC	DCX	DCONMS	DHUB	OAL	APMX					
TFM90SN 550-22R-13	5	50	50.7	22	45	40	12.0	●	A	0.3	SH M10x30	SNG(K)X 1306-CE
663-22R-13	6	63	63.7	22	47	40	12.0	●	A	0.5	SH M10x30	
780-27R-13	7	80	80.7	27	70	50	12.0	●	A	1.2	SH M12x35	
980-27R-13	9	80	80.7	27	70	50	12.0	●	A	1.2	SH M12x35	
8100-32R-13	8	100	100.8	32	85	50	12.0	●	A	1.9	SH M16x30	
13100-32R-13	13	100	100.8	32	85	50	12.0	●	A	1.9	SH M16x30	
10125-40R-13	10	125	125.8	40	85	63	12.0	x	B	2.8	-	
16125-40R-13	16	125	125.8	40	85	63	12.0	x	B	2.8	-	

► Mounting bolt with air-through hole is available upon request (ordering example: SH M10x1.5x30-C)

► ⁽¹⁾ Use only air (coolant is prohibited)

Spare parts

Designation	Screw	Wrench			
TFM90SN	TS 40B100I	T-T15			

CONTACT US

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