

# NEW PRODUCT NEWS

## Face Mill Arbor


expansion

### New Face Mill Arbor with Internal Coolant Supply



# New Face Mill Arbor with Internal Coolant Supply

## FEATURES

- Prolonged tool life and excellent chip evacuation especially suited to aluminum and titanium alloy due to effective coolant flow structure
  - Arbor body's unique coolant hole structure means no need for additional specialised mounting bolts for coolant flow
  - Improved driving key design for strong power transmission
  - Arbor's symmetric design for high speed machining and dynamically balanced:
    - HSK A 63/DIN69871 40/BT40 G2.5 @20000RPM
    - HSK A100/DIN69871 50/BT50 G2.5 @15000RPM
- \* Cross() type mounting bolt is supplied as the default bolt. When assembling TaeguTec's internal coolant cutter, please use the SHCS bolt (e.g.: SH M10X1.5X30) which is included with the cutter.

TaeguTec has a wide range of milling cutters with internal coolant supply facility to meet ongoing demand of many industries. Therefore, TaeguTec is expanding its line of face-mill arbors with through coolant in shank type-DIN69871, BT, HSK and C-ADAPTER.

The brand new face-mill arbors, with through coolant, deliver effective coolant flow from holes in the face-mill cutters prolonging tool life as well as promoting excellent chip evacuation. The newly added coolant type face-mill arbors are designated with the letter "C" for easier classification of tool type.

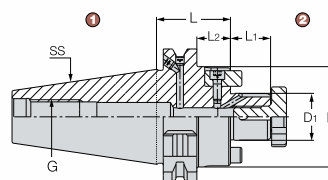
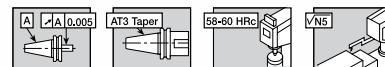
Four coolant holes



Driving key for strong power transmission

**new** Facemill arbor with internal coolant holes

DIN69871-SEM-C

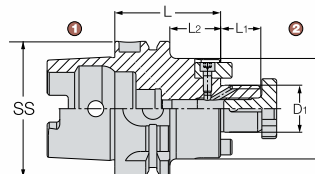
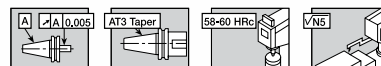


Designation	Dimension (mm)						
	SS	D <sub>1</sub>	D	L	L <sub>1</sub>	L <sub>2</sub>	G
DIN69871 40 SEM16X 35 C	40	16	38	35	17	15.9	M16
DIN69871 40 SEM16X 100 C		16	38	100	17	80.9	
DIN69871 40 SEM22X 35 C		22	47	35	19	15.9	
DIN69871 40 SEM22X 100 C		22	47	100	19	80.9	
DIN69871 40 SEM27X 60 C		27	58	60	21	40.9	
DIN69871 40 SEM27X 100 C		27	58	100	21	80.9	
DIN69871 40 SEM32X 60 C		32	66	60	24	40.9	
DIN69871 50 SEM16X 35 C	50	16	38	35	17	15.9	M24
DIN69871 50 SEM16X 100 C		16	38	100	17	80.9	
DIN69871 50 SEM22X 35 C		22	47	35	19	15.9	
DIN69871 50 SEM22X 100 C		22	47	100	19	80.9	
DIN69871 50 SEM27X 35 C		27	58	35	21	15.9	
DIN69871 50 SEM27X 100 C		27	58	100	21	80.9	
DIN69871 50 SEM32X 35 C		32	66	35	24	15.9	
DIN69871 50 SEM32X 100 C	32	66	100	24	80.9		

① HSK DIN69893 form A  
② ISO 3937

**new** Facemill arbor with internal coolant holes

HSK-SEM...C

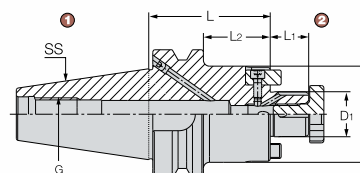
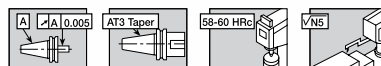


Designation	Dimension (mm)					
	SS	D <sub>1</sub>	D	L	L <sub>1</sub>	L <sub>2</sub>
HSK A63 SEM16X 50 C	63	16	38	50	17	24
HSK A63 SEM16X 100 C		16	38	100	17	74
HSK A63 SEM22X 50 C		22	47	50	19	24
HSK A63 SEM22X 100 C		22	47	100	19	74
HSK A63 SEM27X 60 C		27	58	60	21	34
HSK A63 SEM27X 100 C		27	58	100	21	74
HSK A63 SEM32X 60 C		32	66	60	24	34
HSK A100 SEM16X 50 C	100	16	38	50	17	21
HSK A100 SEM16X 100 C		16	38	100	17	71
HSK A100 SEM22X 50 C		22	47	50	19	21
HSK A100 SEM22X 100 C		22	47	100	19	71
HSK A100 SEM27X 50 C		27	58	50	21	21
HSK A100 SEM27X 100 C		27	58	100	21	71
HSK A100 SEM32X 50 C		32	66	50	24	21
HSK A100 SEM32X 100 C	32	66	100	24	71	

- ① HSK DIN69893 form A
- ② ISO 3937

**new** Facemill arbor with internal coolant holes

BT-SEM-C

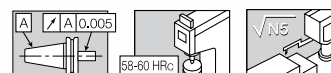


Designation	Dimension (mm)						
	SS	D <sub>1</sub>	D	L	L <sub>1</sub>	L <sub>2</sub>	G
BT40 SEM16X 60 C	40	16	38	60	17	33	M16
BT40 SEM16X 100 C		16	38	100	17	73	
BT40 SEM22X 60 C		22	47	60	19	33	
BT40 SEM22X 100 C		22	47	100	19	73	
BT40 SEM27X 45 C		27	58	45	21	18	
BT40 SEM27X 100 C		27	58	100	21	73	
BT40 SEM32X 60 C		32	66	60	24	33	
BT50 SEM16X 75 C	50	16	38	75	17	37	M24
BT50 SEM16X 100 C		16	38	100	17	62	
BT50 SEM22X 75 C		22	47	75	19	37	
BT50 SEM22X 100 C		22	47	100	19	62	
BT50 SEM27X 60 C		27	58	60	21	22	
BT50 SEM27X 100 C		27	58	100	21	62	
BT50 SEM32X 75 C		32	66	75	24	37	
BT50 SEM32X 100 C	32	66	100	24	62		

- ① BT MAS 403 form A/B
- ② ISO 3937

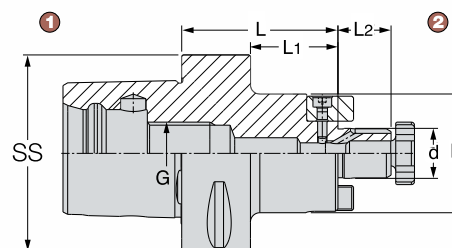
# Face mill arbor with internal coolant holes

C-SEM...C



C-ADAPTER (ISO 26623-1)

ISO 3937



Designation	Dimension (mm)							
	SS	C-ADAPTER size	d	D	L	L2	L1	G
<b>C4 SEM 16 X 32 C</b>	40	C4	16	38	32	17	12	M14
<b>C4 SEM 16 X 55 C</b>			16	38	55	17	35	M14
<b>C4 SEM 22 X 40 C</b>			22	47	40	19	20	M14
<b>C4 SEM 22 X 55 C</b>			22	47	55	19	35	M14
<b>C5 SEM 16 X 35 C</b>	50	C5	16	38	35	17	15	M16
<b>C5 SEM 16 X 70 C</b>			16	38	70	17	50	M16
<b>C5 SEM 22 X 35 C</b>			22	47	35	19	15	M16
<b>C5 SEM 22 X 70 C</b>			22	47	70	19	50	M16
<b>C5 SEM 27 X 40 C</b>			27	58	40	21	20	M16
<b>C5 SEM 32 X 40 C</b>			32	63	40	24	20	M16
<b>C6 SEM 16 X 50 C</b>	63	C6	16	38	50	17	28	M20
<b>C6 SEM 16 X 100 C</b>			16	38	100	17	78	M20
<b>C6 SEM 22 X 50 C</b>			22	47	50	19	28	M20
<b>C6 SEM 22 X 100 C</b>			22	47	100	19	78	M20
<b>C6 SEM 27 X 60 C</b>			27	58	60	21	38	M20
<b>C6 SEM 27 X 100 C</b>			27	58	100	21	78	M20
<b>C6 SEM 32 X 60 C</b>			32	66	60	24	38	M20
<b>C6 SEM 40 X 60 C</b>			40	82	60	27	38	M20
<b>C8 SEM 16 X 50 C</b>	80	C8	16	38	50	17	20	M20
<b>C8 SEM 16 X 100 C</b>			16	38	100	17	70	M20
<b>C8 SEM 22 X 50 C</b>			22	47	50	19	20	M20
<b>C8 SEM 22 X 100 C</b>			22	47	100	19	70	M20
<b>C8 SEM 27 X 50 C</b>			27	58	50	21	20	M20
<b>C8 SEM 27 X 100 C</b>			27	58	100	21	70	M20
<b>C8 SEM 32 X 50 C</b>			32	66	50	24	20	M20
<b>C8 SEM 32 X 100 C</b>			32	66	100	24	70	M20
<b>C8 SEM 40 X 60 C</b>			40	82	60	27	30	M20

① C-ADAPTER (ISO 26623-1)

② ISO 3937