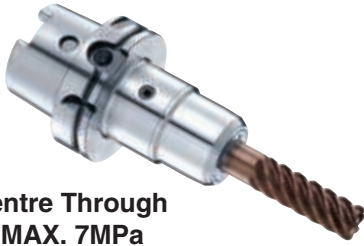
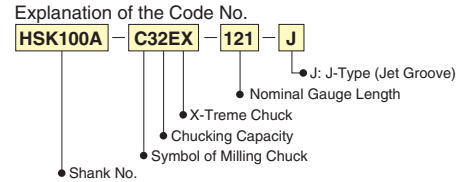
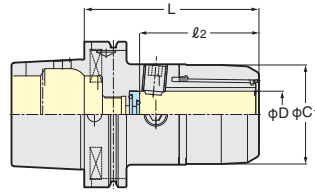


# X-Treme Shank HSK X-Treme Chuck



Centre Through  
MAX. 7MPa



JAPAN, USA, EU, CHINA PAT.

TAPER	Code No. ( $\phi D$ - L)	C <sub>1</sub>	L	l <sub>2</sub>	End mill with oil hole		Handle (Option)	Weight (kg)
					Stopper*	Face cap*		
HSK63A	HSK 63A-C12EX- 96	40	96	58	9MC12HEX- 6L	9C12SL-FS-EX-A1	GH16	1.3
	-C16EX-101	48	101	68	9MC16HEX-6.5L	9C16SL-FS-EX-A1	GH20	1.5
	-C20EX-106	55	106	71	9MC20HEX- 7L	9C20 -FS-EX-A1	GH25	1.7
HSK100A	HSK100A-C12EX- 96	40	96	58	9MC12HEX- 6L	9C12SL-FS-EX-A1	GH16	2.7
	-C16EX-106	48	106	68	9MC16HEX-6.5L	9C16SL-FS-EX-A1	GH20	3.0
	-C20EX-116	55	116	71	9MC20HEX- 12L	9C20 -FS-EX-A1	GH25	3.6
	-C25EX-116	55	116.3	76.3	9MC25HEX-6.2L	9C25SL-FS-EX-A1	GH25	3.5
	-C32EX-121	68	121.3	83.3	9MC32HEX- 7L	9C32SL-FS-EX-A1	GH32	4.0
	-C42EX-136	86	136	86	9MC42HEX- 9L	9C42SL-FS-EX-A1	9HC42	5.7
HSK125A	HSK125A-C20EX-121S	55	121	71	9MC20HEX- 12L	9C20 -FS-EX-A1	GH25	5.4
	-C25EX-121S	55	121.3	77.3	9MC25HEX-6.2L	9C25SL-FS-EX-A1	GH25	5.3
	-C32EX-136S	68	136.3	83.3	9MC32HEX- 7L	9C32SL-FS-EX-A1	GH32	6.3
	-C42EX-136S	86	136	86	9MC42HEX- 9L	9C42SL-FS-EX-A1	9HC42	7.1

Please use direct chucking without KM collet.

★ MAX. 7MPa of center through coolant is available with the stopper.

★ Please use J-type X-Treme chuck, when end mill without oil hole is used. eg) HSK125A-C32EX-136S-J

In case of J-type X-Treme chuck, J-type stopper and J-type face cap (with Jet grooves) are attached. 9MC32HEX-7L-J, 9C32L-FS-EX-J1  
J-type X-Treme chuck is used for the pocket milling and side milling.

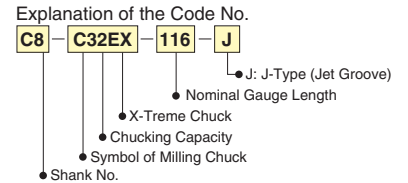
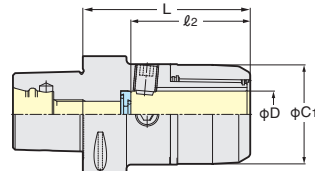


GH Handle P.52

# X-Treme Shank C8 X-Treme Chuck



Centre Through  
MAX. 7MPa



JAPAN, USA, EU, CHINA PAT.

TAPER	Code No. ( $\phi D$ - L)	C <sub>1</sub>	L	l <sub>2</sub>	End mill with oil hole		Handle (Option)	Weight (kg)
					Stopper*	Face cap*		
C8	C8-C20EX-106	55	106	71	9MC20HEX- 7L	9C20 -FS-EX-A1	GH25	3.0
	-C25EX-111	55	111.3	77.3	9MC25HEX-6.2L	9C25SL-FS-EX-A1	GH25	3.0
	-C32EX-116	68	116.3	83.3	9MC32HEX- 7L	9C32SL-FS-EX-A1	GH32	3.5

Please use direct chucking without KM collet.

★ MAX. 7MPa of center through coolant is available with the stopper.

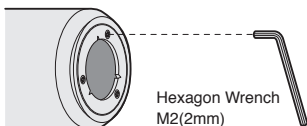
★ Please use J-type X-Treme chuck, when end mill without oil hole is used. eg) C8-C32EX-116-J

In case of J-type X-Treme chuck, J-type stopper and J-type face cap (with Jet grooves) are attached. 9MC32HEX-7L-J, 9C32L-FS-EX-J1  
J-type X-Treme chuck is used for the pocket milling and side milling.



GH Handle P.52

## How to exchange the face caps



The face cap is fixed with 3 pieces of M2.5 screws. (C42EX: M3) The face cap must be centred or centralized, when exchanged. The special centering jig fixture and wrench are provided as an option.

	screw
C12EX, C16EX, C20EX	M2.5-6L
C25EX, C32EX	SNSS-M2.5 × 6-SD
C42EX	CBS3-6

Please refer P.234 the accessories such as the stopper and face cap.

HSK