

# HSK ZERO FIT TYPE MILLING CHUCK



Fig.1

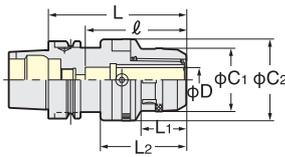
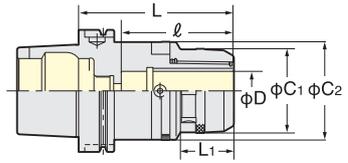


Fig.2



CZF

PAT.

TAPER	Code No.	C1	C2	L	L1	L2	l	Weight(kg)	Fig.	Collet	
HSK 50A	HSK 50A-CZF20-115	51.5	66.5	115	35	73	80	1.8	1		
	HSK 63A-CZF20-110			110				2			
HSK 63A	-CZF25-110	59.5	74.5	130	42	88	105	2.5			
	-CZF32-130	69	80.5	130	42	88	105	2.8			
HSK 100A	HSK 100A-CZF20-115	51.5	66.5	115	35	-	80	3.5	2		
	-CZF25-115	59.5	74.5		42			83			3.8
	-CZF32-115	69	80.5	42	83	4					

- ★Spanner is available as an option. CZF20 type:9HC22, CZF25 type:9HC25, CZF32 type:9HC32
- ★Please note that the acceptable shank tolerance is  $h_6-h_7$ .
- ★Wrench to adjust run-out (9ZFL) is available as an option.
- ★Please add "P" at the end of Code No. for High Speed Zero Fit Milling Chuck. e.g. HSK63A-CZF25-110P
- ★For How to Adjust the Run-Out, please refer P.156



9ZFL

- ★Please refer P.212 for KM, CCK collet.
- ★For Center Through Coolant application: Please use CCKFN-D Nut for the direct chucking. Please use CCK collet and CKFN nut for chucking with collet.

HSK

# HSK ZERO FIT TYPE SLIM CHUCK



Fig.1

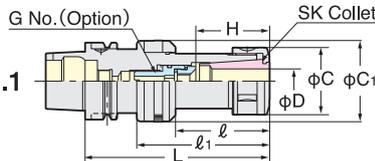
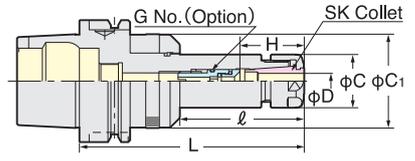


Fig.2

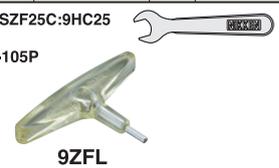


SZF

PAT.

TAPER	Code No.	D	L	l	l1	C	C1	H	G No.(Option)	Weight(kg)	Fig.	Collet	
HSK 40A	HSK 40A-SZF 6C-105	0.7~6.0	105	32	70	19.5	40.5	26~31	SKG 6- 6HG	0.6	1		
	-SZF10C-105	1.75~10.0				27.5	48.5	35~41	SKG10-10HG	0.7			
	-SZF16C-120	2.75~16.0				120	48	85	40	59.5			45~52
HSK 50A	HSK 50A-SZF 6C-120	0.7~6.0	120	68	-	19.5	40.5	26~31	SKG 6- 6HG	0.9	2		
	-SZF10C-120	1.75~10.0		46	78	27.5	48.5	35~41	SKG10-10HG	1.1			
	-SZF16C-135	2.75~16.0	135	57	93	40	59.5	45~52	SKG16-10HG	1.5	1		
-SZF25C-135	7.5~25.4	55				66.5	60~65	SKG25-18HGE	1.8				
HSK 63A	HSK 63A-SZF 6C-120	0.7~6.0	120	68	-	19.5	40.5	26~31	SKG 6- 6HG	1.2	2		
	-SZF10C-105, 150	1.75~10.0				105, 150	53, 98	27.5	48.5	35~41			SKG10-10HG
	-SZF16C-150	2.75~16.0	150	76	-	40	59.5	45~57	SKG16-12HG	2	1		
	-SZF25C-135	7.5~25.4	135	57	93	55	66.5	60~65	SKG25-18HGE	2.1			
HSK 100A	HSK 100A-SZF 6C-120	0.7~6.0	120	54	-	19.5	40.5	26~31	SKG 6- 6HG	2.4	2		
	-SZF10C-150	1.75~10.0				150	85	27.5	48.5	35~41			SKG10-10HG
	-SZF16C-150	2.75~16.0	40	59.5	45~57			SKG16-12HG	3.7				
	-SZF25C-150	7.5~25.4	55	66.5	60~65	SKG25-18HGE	4.1						

- ★Adjust screw (G No.), wrench to adjust run-out (9ZFL) and SKL spanner are available as an option. SZF6C:SKL-6W, SZF10C:SKL-10, SZF16C:9HC16, SZF25C:9HC25
- ★Spanner for run-out adjustment is available as an option. Code No. is 9ZFL.
- ★Please use "P" class or "A" type SK collet. P.216
- ★For High Speed type, Code No. is "SZF-P". e.g. HSK63A-SZF10C-105P
- ★For Centre Through Coolant application, please use SK J type nut and cap. P.43
- ★Please note that the total tool length with J type nut is extended 6mm longer. ★For How to Adjust the Run-Out, please refer P.156



9ZFL