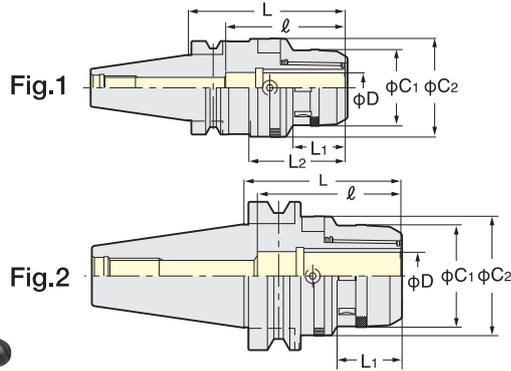


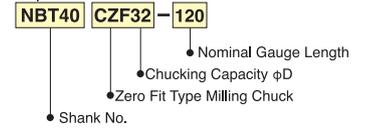
2LOCK NBT ZERO FIT TYPE MILLING CHUCK



CZF



Explanation of the Code No.



MAX. run-out at 100mm	
CZF20	0.050mm / dia.
CZF25	0.050mm / dia.
CZF32	0.030mm / dia.

PAT.

TAPER	Code No.	C ₁	C ₂	L	L ₁	L ₂	ℓ	Weight(Kg)	Fig.	Collet
No.30	NBT30-CZF20-100	51.5	66.5	100	35	68	80	1.5	1	KM20 CCK20
	-CZF25-100	59.5	74.5					1.6		
No.40	NBT40-CZF20-105, 120	51.5	66.5	105, 120	35	64.5	80	2.1, 2.5	2	KM20 CCK20
	(NIT40)-CZF25-105, 120	59.5	74.5			68		2.4, 2.9		
	-CZF32-120	69	80.5	120	42	78	105	2.8		
No.50	NBT50-CZF20-105, 165	51.5	66.5	105, 165	35	-	80	4.6, 6.0	2	KM20 CCK20
	(NIT50)-CZF25-105, 165	59.5	74.5					5.0, 6.8		
	-CZF32-105, 165	69	80.5	42	105	5.3, 7.4	KM32 CCK32			

- ★ Please refer P.31, P.32 for KM, CCK collet.
- ★ Spanner is available as an option.
- CZF20 type : 9HC22, CZF25 type : 9HC25, CZF32 type : 9HC32
- ★ Wrench to adjust run-out(9ZFL) is available as an option.

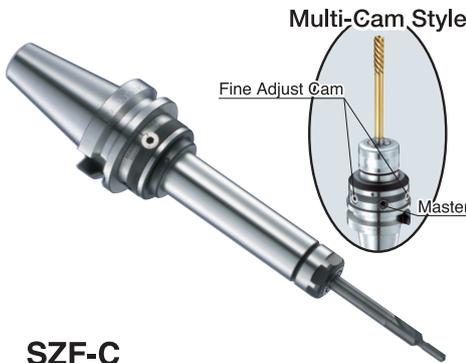
- ★ Please note that the acceptable shank tolerance is h₆~h₇.
- ★ Please add "P" at the end of Code No. for the high speed type. e.g. NBT40-CZF25-105P



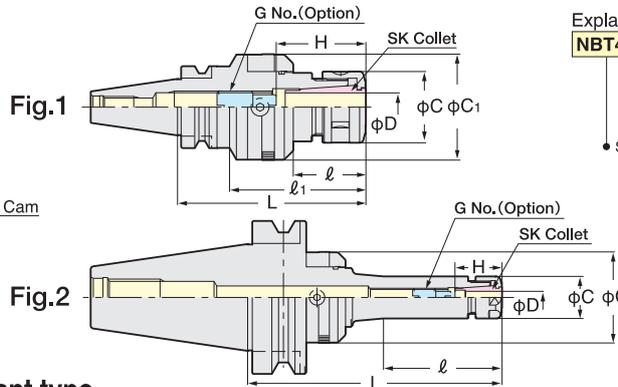
Wrench to adjust
9ZFL

★ For How to Adjust the Run-Out, please refer P.156.

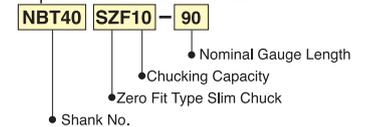
2LOCK NBT ZERO FIT TYPE SLIM CHUCK



SZF-C
High Pressure Centre Through Coolant type



Explanation of the Code No.



MAX. run-out at 100mm		
SZF 6	L < 150	0.050mm / dia.
	L ≥ 150	0.040mm / dia.
SZF10		0.050mm / dia.
SZF16		0.040mm / dia.
SZF25		0.025mm / dia.

PAT.

TAPER	Code No.	D	L	ℓ	ℓ ₁	C	C ₁	H	G No. (Option)	Weight (Kg)	Fig.	Collet
No.30	NBT30-SZF 6C- 90	0.7~6.0	90	42	-	19.5	40.5	26~31	SKG 6- 6HG	0.9	2	SK 6
	-SZF10C- 90	1.75~10.0		35	61	27.5	48.5	35~41	SKG10-10HG	1.3		SK10
	-SZF16C-105	2.75~16.0		105	40	76	40	59.5	45~57	SKG16-12HG		1.6
No.40	NBT40-SZF 6C- 90,150	0.7~6.0	90, 150	37, 60	-	19.5	40.5, 48.5	26~31	SKG 6- 6HG	1.3, 1.7	2	SK 6
	(NIT40)-SZF10C- 90,150	1.75~10.0		37, 97		27.5	48.5	35~41	SKG10-10HG	1.5, 1.9		SK10
	-SZF16C- 90,150	2.75~16.0		40	59.5	45~57	SKG16-12HG	1.8, 2.2	SK16			
	-SZF25C-120,150	7.5~25.4	120, 150	55, 86	84, 114	55	66.5	60~65	SKG25-18HGD	2.4, 2.9	1	SK25
No.50	NBT50-SZF 6C-105,165	0.7~6.0	105, 165	41, 63	-	19.5	40.5, 59.5	26~31	SKG 6- 6HG	4.0, 4.2	2	SK 6
	(NIT50)-SZF10C-105,165	1.75~10.0		41, 101		27.5	48.5	35~41	SKG10-10HG	4.5, 4.9		SK10
	-SZF16C-105,165	2.75~16.0		40	59.5	45~57	SKG16-12HG	5.0, 5.4	SK16			
	-SZF25C-135,165	7.5~25.4	135, 165	71, 101		55	66.5	60~70	SKG25-24HG	5.8, 6.0	1	SK25

- ★ 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

★ Please use "P" class or "A" type SK collet. P.167

★ For centre through coolant application please use SK J type nut and cap for your preference. Please note that the length of J type nut is 6mm longer than the standard SK Nut. P.43

★ For High Speed type, Code No. is "SZF-P". e.g. NBT40-SZF10C-90P

In this case, GH Handle is required. P.30

★ For How to Adjust the Run-Out, please refer P.156.

