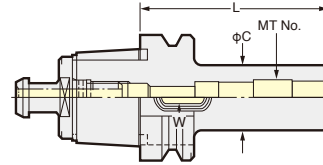


# NC5 MORSE TAPER SLEEVE TYPE A



■ For Drill & Reamer  
with MT No.1~No.4 Shank.



MTA

TAPER	Code No.	MTNo.	C	W	Weight (kg)
NC5- 46	NC5- 46-MTA1- 85	MT1	25	5.6	0.9
	-MTA2- 95	MT2	32	6.6	1.1
	-MTA3-115	MT3	40	8.4	1.3
NC5- 63	NC5- 63-MTA1- 85	MT1	25	5.6	1.2
	-MTA2- 95	MT2	32	6.6	1.3
	-MTA3-115	MT3	40	8.4	1.6
	-MTA4-140	MT4	50	12.4	2.2

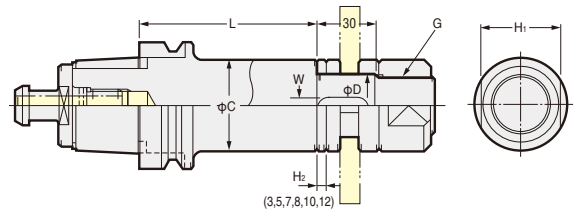
TAPER	Code No.	MTNo.	C	W	Weight (kg)
NC5- 85	NC5- 85-MTA1- 85	MT1	25	5.6	2.6
	-MTA2- 95	MT2	32	6.6	2.7
	-MTA3-115	MT3	40	8.4	3.0
	-MTA4-140	MT4	50	12.4	3.5
NC5-100	NC5-100-MTA1- 85	MT1	25	5.6	4.1
	-MTA2- 95	MT2	32	6.6	4.2
	-MTA3-115	MT3	40	8.4	4.5
	-MTA4-140	MT4	50	12.4	5.1

★Please contact with us for the Centre Through Tool Coolant type Sleeve.

# NC5 STUB ARBOR



■ No Vibration at slotting.



SCA

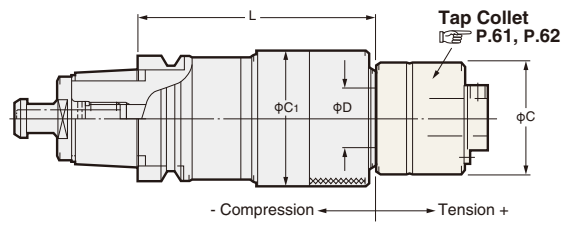
TAPER	Code No. (Inch)	H <sub>1</sub>	C	W	G	Weight (kg)	Code No. (Metric)
NC5- 63	NC5- 63-SCA12.7 -75	17	20	—	M12	1.2	NC5- 63-SCA13-75
	-SCA15.875-75	23	26	3.18(4)	M14	1.4	-SCA16-75
	-SCA22.225-75	29	34	3.18(4)	M20	1.7	-SCA22-75
	-SCA25.4 -75	32	40	6.35(7)	M24	2.0	-SCA27-75
	-SCA31.75 -90	41	46	7.92(8)	M30	2.6	-SCA32-90
NC5- 85	NC5- 85-SCA12.7 -75	17	20	—	M12	2.6	NC5- 85-SCA13-75
	-SCA15.875-90	23	26	3.18(4)	M14	2.8	-SCA16-90
	-SCA22.225-90	29	34	3.18(4)	M20	3.2	-SCA22-90
	-SCA25.4 -90, 135	32	40	6.35(7)	M24	3.5	-SCA27-90
	-SCA31.75 -90, 135	41	46	7.92(8)	M30	3.9	-SCA32-95
NC5-100	NC5-100-SCA12.7 -75	17	20	—	M12	4.0	NC5-100-SCA13-75
	-SCA15.875-90	23	26	3.18(4)	M14	4.2	-SCA16-90
	-SCA22.225-90	29	34	3.18(4)	M20	4.4	-SCA22-90
	-SCA25.4 -90	32	40	6.35(7)	M24	4.5	-SCA27-90
	-SCA31.75 -95, 135	41	46	7.92(8)	M30	4.7	-SCA32-90
	-SCA38.1 -95, 135	46	55	9.52(10)	M36	4.9	-SCA40-90

★The "D" of Code No. shows shaft diameter. ★Guide Key and Collars are supplied as standard. ★The figures in ( ) of W are for Metric.

# NC5 TAPPER CHUCK



■ Built-in Floating Mechanism and  
Torque-Limiter Mechanism on  
Tap Collet.



Z

TAPER	Code No.	Tapping Capability			D	C	C <sub>1</sub>	Tap Collet	Weight (kg)
		M	U	P					
NC5- 63	NC5- 63-Z12- 90	M 2~M12	1/8~1/2	P 1/16~1/4	19	32	45	ZKG12	1.5
	-Z16-120	M 3~M16	1/8~5/8	P 1/8~3/8	25	39	55	ZKG16	2.0
	-Z24-120	M 8~M24	1/2~ 1	P 1/4~5/8	30	46	68	ZKG24	2.1
	-Z38-160	M18~M38	3/8~1 3/8	P 3/8~ 1	45	78	85	ZKN38	6.7
NC5- 85	NC5- 85-Z12-105	M 2~M12	1/8~1/2	P 1/16~1/4	19	32	45	ZKG12	3.3
	-Z16-120	M 3~M16	1/8~5/8	P 1/8~3/8	25	39	55	ZKG16	4.5
	-Z24-120	M 8~M24	1/2~ 1	P 1/4~5/8	30	46	68	ZKG24	4.9
	-Z38-175	M18~M38	3/8~1 3/8	P 3/8~ 1	45	78	85	ZKN38	8.4
	-Z65-195	M36~M100	1~3 3/4	P 1~ 3	68	110(125)	110	ZKN65	8.7
NC5-100	NC5-100-Z12-130	M 2~M12	1/8~1/2	P 1/16~1/4	19	32	45	ZKG12	4.3
	-Z16-135	M 3~M16	1/8~5/8	P 1/8~3/8	25	39	55	ZKG16	5.2
	-Z24-125	M 8~M24	1/2~ 1	P 1/4~5/8	30	46	68	ZKG24	5.8
	-Z38-155	M18~M38	3/8~1 3/8	P 3/8~ 1	45	78	85	ZKN38	8.3
	-Z65-195	M36~M100	1~3 3/4	P 1~ 3	68	110(125)	110	ZKN65	9.0

★Please refer P.61, P.62 for Tap Collet.

★For Synchronized Tapping: ZH Tapper Chuck without tension/compression mechanism is available. It improves tap life remarkably by absorbing fine pitch error completely with the small floating mechanism. Please use ZH Tapper Chuck only with ZMK Tap Collet without torque-limiter mechanism. Please refer P.66.

★Centre through tool coolant type with high pressure or oil mist type is available. In these types, OZMK-OM collet is used.



ZH Tapper Chuck + ZMK Tap Collet

NC5- 63-ZH12- 90 NC5-100-ZH12- 90

-ZH24-105 -ZH24-105

NC5- 85-ZH12- 90

-ZH24-105

NC5