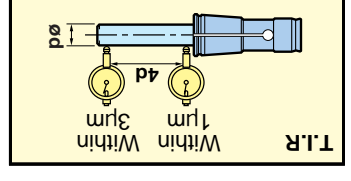
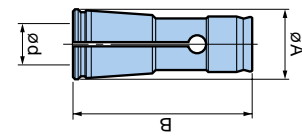


MEGA MICRO COLLET



Ultra Small High Precision Collet
 Concentricity is better than 1 micron
 at the collet face.
 This high precision is achieved by
 the innovative design of combining
 taper and straight body contact.



Model	Clamping Range ϕd
NBC3S-0.5 AA	0.45 - 0.55
-0.6 AA	0.55 - 0.65
-0.7 AA	0.65 - 0.75
-0.8 AA	0.75 - 0.85
-0.9 AA	0.85 - 0.95
-1.0 AA	0.95 - 1.05
-1.1 AA	1.05 - 1.15
-1.2 AA	1.15 - 1.25
-1.3 AA	1.25 - 1.35
-1.4 AA	1.35 - 1.45
-1.5 AA	1.45 - 1.55
-1.6 AA	1.55 - 1.65
-1.7 AA	1.65 - 1.75
-1.8 AA	1.75 - 1.85
-1.9 AA	1.85 - 1.95
-2.0 AA	1.95 - 2.05
-2.1 AA	2.05 - 2.15
-2.2 AA	2.15 - 2.25
-2.3 AA	2.25 - 2.35
-2.4 AA	2.35 - 2.45
-2.5 AA	2.45 - 2.55
-2.6 AA	2.55 - 2.65
-2.7 AA	2.65 - 2.75
-2.8 AA	2.75 - 2.85
-2.9 AA	2.85 - 2.95
-3.0 AA	2.95 - 3.05
-3.1 AA	3.05 - 3.15
-3.175AA	3.125 - 3.225
-3.2 AA	3.15 - 3.25

Q TAPER CLEANER
 Inside Taper Cleaner of Collet Chucks



Maintain the Precision of
 Collet Chucks.

MEGA4S		MEGA6S	
Model	Clamping Range ϕd	Model	Clamping Range ϕd
NBC4S-0.5 AA	0.45 - 0.55	NBC6S-4.1 AA	4.05 - 4.15
-0.6 AA	0.55 - 0.65	-0.6 AA	0.55 - 0.65
-0.7 AA	0.65 - 0.75	-0.7 AA	0.65 - 0.75
-0.8 AA	0.75 - 0.85	-0.8 AA	0.75 - 0.85
-0.9 AA	0.85 - 0.95	-0.9 AA	0.85 - 0.95
-1.0 AA	0.95 - 1.05	-1.0 AA	0.95 - 1.05
-1.1 AA	1.05 - 1.15	-1.1 AA	1.05 - 1.15
-1.2 AA	1.15 - 1.25	-1.2 AA	1.15 - 1.25
-1.3 AA	1.25 - 1.35	-1.3 AA	1.25 - 1.35
-1.4 AA	1.35 - 1.45	-1.4 AA	1.35 - 1.45
-1.5 AA	1.45 - 1.55	-1.5 AA	1.45 - 1.55
-1.6 AA	1.55 - 1.65	-1.6 AA	1.55 - 1.65
-1.7 AA	1.65 - 1.75	-1.7 AA	1.65 - 1.75
-1.8 AA	1.75 - 1.85	-1.8 AA	1.75 - 1.85
-1.9 AA	1.85 - 1.95	-1.9 AA	1.85 - 1.95
-2.0 AA	1.95 - 2.05	-2.0 AA	1.95 - 2.05
-2.1 AA	2.05 - 2.15	-2.1 AA	2.05 - 2.15
-2.2 AA	2.15 - 2.25	-2.2 AA	2.15 - 2.25
-2.3 AA	2.25 - 2.35	-2.3 AA	2.25 - 2.35
-2.4 AA	2.35 - 2.45	-2.4 AA	2.35 - 2.45
-2.5 AA	2.45 - 2.55	-2.5 AA	2.45 - 2.55
-2.6 AA	2.55 - 2.65	-2.6 AA	2.55 - 2.65
-2.7 AA	2.65 - 2.75	-2.7 AA	2.65 - 2.75
-2.8 AA	2.75 - 2.85	-2.8 AA	2.75 - 2.85
-2.9 AA	2.85 - 2.95	-2.9 AA	2.85 - 2.95
-3.0 AA	2.95 - 3.05	-3.0 AA	2.95 - 3.05
-3.1 AA	3.05 - 3.15	-3.1 AA	3.05 - 3.15
-3.175AA	3.125 - 3.225	-3.175AA	3.125 - 3.225
-3.2 AA	3.15 - 3.25	-3.2 AA	3.15 - 3.25
-3.3 AA	3.25 - 3.35	-3.3 AA	3.25 - 3.35
-3.4 AA	3.35 - 3.45	-3.4 AA	3.35 - 3.45
-3.5 AA	3.45 - 3.55	-3.5 AA	3.45 - 3.55
-3.6 AA	3.55 - 3.65	-3.6 AA	3.55 - 3.65
-3.7 AA	3.65 - 3.75	-3.7 AA	3.65 - 3.75
-3.8 AA	3.75 - 3.85	-3.8 AA	3.75 - 3.85
-3.9 AA	3.85 - 3.95	-3.9 AA	3.85 - 3.95
-4.0 AA	3.95 - 4.05	-4.0 AA	3.95 - 4.05

Form A (DIN 69893-1)

MAX 35,000 min⁻¹

Coolant-through hole

The Body, Collet, Nut and Wrench are specifically designed to be ideal for high speed operations.

Model	ϕd	ϕD	L	L ₁	H	Max. min ⁻¹	Collet	Weight (kg)
HSK-A40-MEGA 6N- 60	0.25- 6	20	60	29.5	33	35,000	NBC 6-□	0.31
- 75			75	44.5	23 - 38	30,000	NBC 6-□	0.34
- 90			90	59.5	23 - 43	30,000	NBC 6-□	0.37
-MEGA 8N- 60		25	60	30.5	41	35,000	NBC 8-□	0.35
- 75			75	45.5	26 - 38	30,000	NBC 8-□	0.39
- 90			90	60.5	26 - 44	30,000	NBC 8-□	0.44
-MEGA10N- 60		30	60	32	40	35,000	NBC10-□	0.42
- 75			75	47	55	30,000	NBC10-□	0.49
- 90			90	60	38 - 48	30,000	NBC10-□	0.56
-MEGA13N- 75		35	75	55	55	25,000	NBC13-□	0.55
- 90			90	70	64	25,000	NBC13-□	0.64
-MEGA16N- 75		42	75	55	53	20,000	NBC16-□	0.65
- 90			90	70	63	15,000	NBC16-□	0.78
-MEGA20N- 90		46	90	70	66	15,000	NBC20-□	0.86
HSK-A50-MEGA 6N- 60	0.25- 6	20	60	26	35	35,000	NBC 6-□	0.5
- 75			75	34	30,000	30,000	NBC 6-□	0.6
-100			100	59	25,000	25,000	NBC 6-□	0.6
-120			120	79	23,000	23,000	NBC 6-□	0.7
-135			135	94	20,000	20,000	NBC 6-□	0.7
-165			165	122	15,000	15,000	NBC 6-□	0.8
-MEGA 8N- 60		25	60	26	34	35,000	NBC 8-□	0.5
- 75			75	37	26 - 37	30,000	NBC 8-□	0.6
-100			100	59	28,000	28,000	NBC 8-□	0.7
-120			120	79	25,000	25,000	NBC 8-□	0.8
-135			135	94	20,000	20,000	NBC 8-□	0.8
-165			165	124	15,000	15,000	NBC 8-□	0.9
-MEGA10N- 60		30	60	26	35	35,000	NBC10-□	0.6
- 75			75	36	46	33,000	NBC10-□	0.7
-100			100	61	25,000	25,000	NBC10-□	0.8
-120			120	81	20,000	20,000	NBC10-□	0.9
-135			135	96	15,000	15,000	NBC10-□	1.0
-165			165	126	10,000	10,000	NBC10-□	1.1
-MEGA13N- 65		35	65	29.8	39	30,000	NBC13-□	0.7
- 75			75	38	46	28,000	NBC13-□	0.7
-100			100	63	25,000	25,000	NBC13-□	0.9
-120			120	83	20,000	20,000	NBC13-□	1.0
-135			135	98	18,000	18,000	NBC13-□	1.1
-165			165	128	15,000	15,000	NBC13-□	1.4
-MEGA16N- 75		42	75	49	48	28,000	NBC16-□	1.0
-100			100	72	48 - 55	20,000	NBC16-□	1.1
-120			120	92	20,000	20,000	NBC16-□	1.3
-135			135	109	15,000	15,000	NBC16-□	1.4
-165			165	137	10,000	10,000	NBC16-□	1.7
-MEGA20N- 75		46	75	49	69	20,000	NBC20-□	1.7
-100			100	74	15,000	15,000	NBC20-□	1.3
-120			120	94	13,000	13,000	NBC20-□	1.6
-135			135	109	10,000	10,000	NBC20-□	1.8
-165			165	139	8,000	8,000	NBC20-□	2.2

FOR ACCESSORIES and SPARE PARTS P10

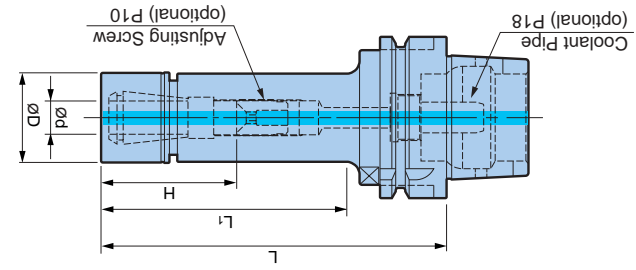
1. Nut is included. Adjusting screw, collet and wrench must be ordered separately.
 2. Coolant pipe to be ordered separately.
 3. Adjusting screws can not be used with ※ marked models.
 4. Maximum operating speeds are directly influenced by the rigidity of the machine.
 H "max" is the maximum tool shank length that can be inserted into the holder.
 Therefore, when determining the optimum cutting conditions, increase the cutting parameters gradually.

Form A (DIN 69893-1)



MAX 35,000 min⁻¹

Coolant-through hole



Form A MEGA NEW BABY NEW CHUCK PAT. for high speed

Clamping Range: **ø0.25 – ø20**

Model	ød	øD	L	L1	H	Max. min ⁻¹	Collet	Weight (kg)
HSK-A63-MEGA 6N- 75	0.25 - 6	20	23 - 43	23 - 38	35	35,000	NBC 6-□	0.9
- 90								
-105								
-120								
-MEGA 8N- 75	0.5 - 8	25	26 - 45	38	75	35,000	NBC 8-□	0.9
- 90								
-105								
-120								
-MEGA10N- 75	1.5 - 10	30	38 - 45	50	90	33,000	NBC10-□	1.0
- 90								
-105								
-120								
-MEGA13N- 75	2.5 - 13	35	44 - 56	64	75	30,000	NBC13-□	1.0
- 90								
-105								
-120								
-MEGA16N- 75	2.5 - 16	42	48 - 68	54	90	25,000	NBC16-□	1.1
- 90								
-105								
-120								
-MEGA20N- 75	2.5 - 20	46	51 - 68	68	105	20,000	NBC20-□	1.2
- 90								
-105								
-120								
-135								
-165								
-200								

1. Nut is included. Adjusting screw, collet and wrench must be ordered separately.
 2. Coolant pipe to be ordered separately.
 3. Adjusting screws can not be used with ※ marked models. H "max" is the maximum tool shank length that can be inserted into the holder.
 4. Maximum operating speeds are directly influenced by the rigidity of the machine. Therefore, when determining the optimum cutting conditions, increase the cutting parameters gradually.

Model	ød	øD	L	L1	H	Max. min ⁻¹	Collet	Weight (kg)
HSK-A100-MEGA 6N- 90	0.25 - 6	20	23 - 43	23 - 38	48	20,000	NBC 6-□	2.5
-105								
-120								
-135								
-MEGA 8N- 90	0.5 - 8	25	26 - 45	38 - 45	90	20,000	NBC 8-□	2.6
-105								
-120								
-135								
-MEGA10N- 90	1.5 - 10	30	38 - 45	50	105	18,000	NBC10-□	2.7
-105								
-120								
-135								
-MEGA13N- 90	2.5 - 13	35	44 - 63	64	120	16,000	NBC13-□	2.7
-105								
-120								
-135								
-MEGA16N- 90	2.5 - 16	42	48 - 68	54	135	14,000	NBC16-□	2.8
-105								
-120								
-135								
-200								
-MEGA20N- 90	2.5 - 20	46	51 - 68	68	165	10,000	NBC20-□	2.9
-105								
-120								
-135								
-165								
-200								

1. Nut is included. Adjusting screw, collet and wrench must be ordered separately.
 2. Coolant pipe to be ordered separately.
 3. Adjusting screws can not be used with ※ marked models. H "max" is the maximum tool shank length that can be inserted into the holder.
 4. Maximum operating speeds are directly influenced by the rigidity of the machine. Therefore, when determining the optimum cutting conditions, increase the cutting parameters gradually.

MEGA NEW BABY CHUCK	Model	Model	Model	Model	Model	Model	Model	Model	Model	Model	Model	Model	Model
MEGA WRENCH	MGR20	NBC 6-□	MPS 6-□	NBA 6B	M 7	12	2	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20
COLLET	MGR42	NBC16-□	MPS16-□	NBA16B	M 9	13	2.5	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20
MEGA PERFECT SEALING NUT P12	MGR30	NBC10-□	MPS10-□	NBA10B	M 11	16	3	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20
MEGA PERFECT SEAL P11	MGR25	NBC 8-□	MPS 8-□	NBA 8B	M 9	13	2.5	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20
ADJUSTING SCREW	MGR46	NBC20-□	MPS20-□	NBA20B	M 21	20	4	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20
RUBBER	MGR42	NBC16-□	MPS16-□	NBA16B	M 18	20	4	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20
MEGA NUT	MGR35	NBC13-□	MPS13-□	NBA13B	M 14	20	4	MGN 6	MGN 8	MGN 10	MGN 13	MGN 16	MGN 20



Spare Parts