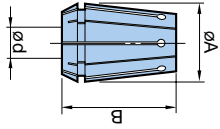


**NEW BABY COLLET**



The **BIG** NEW BABY COLLET is world renowned for its unmatched accuracy and precision. It offers runout less than 1 $\mu$ m at the collet nose, which is a decided advantage in high speed machining.



Model Description	Class (AA)
<b>NBC 6 - 0.5 AA</b>	NEW BABY COLLET
	Max. Collet Capacity
	Max. Body Capacity

Collet Class	At nose	At end of test bar
AA	Within 1 $\mu$ m	Within 3 $\mu$ m

**Collet concentricity**

Model	Clamping Range $\varnothing$
MEGA6N / NBS6	0.25 - 0.50
NBC 6-0.5 AA	0.25 - 0.75
-1 AA	0.75 - 1.00
-1.25AA	1.00 - 1.25
-1.5 AA	1.25 - 1.50
-1.75AA	1.50 - 1.75
-2 AA	1.75 - 2.00
-2.25AA	2.00 - 2.25
-2.5 AA	2.25 - 2.50
-2.75AA	2.50 - 2.75
-3 AA	2.75 - 3.00
-3.175AA	2.925 - 3.175
-3.25AA	3.00 - 3.25
-3.5 AA	3.25 - 3.50
-3.75AA	3.50 - 3.75
-4 AA	3.75 - 4.00
-4.25AA	4.00 - 4.25
-4.5 AA	4.25 - 4.50
-4.75AA	4.50 - 4.75
-5 AA	4.75 - 5.00
-5.25AA	5.00 - 5.25
-5.5 AA	5.25 - 5.50
-5.75AA	5.50 - 5.75
-6 AA	5.75 - 6.00

$\varnothing A=9.5$  B=14

Model	Clamping Range $\varnothing$
MEGA13N / NBS13	2.5 - 3.0
NBC13- 3 AA	2.925 - 3.175
-3.5 AA	3.0 - 3.5
-4 AA	3.5 - 4.0
-4.5 AA	4.0 - 4.5
-5 AA	4.5 - 5.0
-5.5 AA	5.0 - 5.5
-6 AA	5.5 - 6.0
-7 AA	6.0 - 6.5
-7.5 AA	6.5 - 7.0
-8 AA	7.0 - 7.5
-8.5 AA	7.5 - 8.0
-9 AA	8.0 - 8.5
-9.5 AA	8.5 - 9.0
-10 AA	9.0 - 9.5
-10.5 AA	9.5 - 10.0
-11 AA	10.0 - 10.5
-11.5 AA	10.5 - 11.0
-12 AA	11.0 - 11.5
-12.5 AA	11.5 - 12.0
-13 AA	12.0 - 12.5
-13.5 AA	12.5 - 13.0
-14 AA	13.0 - 13.5
-14.5 AA	13.5 - 14.0
-15 AA	14.0 - 14.5
-15.5 AA	14.5 - 15.0
-16 AA	15.0 - 15.5
-16.5 AA	15.5 - 16.0
-17 AA	16.0 - 16.5
-17.5 AA	16.5 - 17.0
-18 AA	17.0 - 17.5
-18.5 AA	17.5 - 18.0
-19 AA	18.0 - 18.5
-19.5 AA	18.5 - 19.0
-20 AA	19.0 - 19.5
-20.5 AA	19.5 - 20.0

Model	Clamping Range $\varnothing$
MEGA8N / NBS8	0.5 - 0.75
NBC8-0.75AA	0.75 - 1.0
-1 AA	1.0 - 1.25
-1.25AA	1.25 - 1.5
-1.5 AA	1.5 - 1.75
-1.75AA	1.75 - 2.0
-2 AA	2.0 - 2.25
-2.25AA	2.25 - 2.5
-2.5 AA	2.5 - 2.75
-2.75AA	2.75 - 3.0
-3 AA	3.0 - 3.5
-3.175AA	2.925 - 3.175
-3.5 AA	3.5 - 4.0
-4 AA	4.0 - 4.5
-4.5 AA	4.5 - 5.0
-5 AA	5.0 - 5.5
-5.5 AA	5.5 - 6.0
-6 AA	6.0 - 6.5
-6.5 AA	6.5 - 7.0
-7 AA	7.0 - 7.5
-7.5 AA	7.5 - 8.0

$\varnothing A=12.5$  B=18

Model	Clamping Range $\varnothing$
MEGA10N / NBS10	1.5 - 1.75
NBC10- 1.75AA	1.75 - 2.0
-2 AA	2.0 - 2.25
-2.25AA	2.25 - 2.5
-2.5 AA	2.5 - 2.75
-2.75AA	2.75 - 3.0
-3 AA	3.0 - 3.5
-3.175AA	2.925 - 3.175
-3.5 AA	3.5 - 4.0
-4 AA	4.0 - 4.5
-4.5 AA	4.5 - 5.0
-5 AA	5.0 - 5.5
-5.5 AA	5.5 - 6.0
-6 AA	6.0 - 6.5
-6.5 AA	6.5 - 7.0
-7 AA	7.0 - 7.5
-7.5 AA	7.5 - 8.0

$\varnothing A=16.5$  B=27

Model	Clamping Range $\varnothing$
MEGA20N / NBS20	2.5 - 3.0
NBC20- 3 AA	2.925 - 3.175
-3.5 AA	3.0 - 3.5
-4 AA	3.5 - 4.0
-4.5 AA	4.0 - 4.5
-5 AA	4.5 - 5.0
-5.5 AA	5.0 - 5.5
-6 AA	5.5 - 6.0
-6.5 AA	6.0 - 6.5
-7 AA	6.5 - 7.0
-7.5 AA	7.0 - 7.5
-8 AA	7.5 - 8.0
-8.5 AA	8.0 - 8.5
-9 AA	8.5 - 9.0
-9.5 AA	9.0 - 9.5
-10 AA	9.5 - 10.0

$\varnothing A=20.5$  B=31

Model	Clamping Range $\varnothing$
MEGA16N / NBS16	3.0 - 3.5
NBC16- 3 AA	3.5 - 4.0
-3.5 AA	4.0 - 4.5
-4 AA	4.5 - 5.0
-4.5 AA	5.0 - 5.5
-5 AA	5.5 - 6.0
-5.5 AA	6.0 - 6.5
-6 AA	6.5 - 7.0
-6.5 AA	7.0 - 7.5
-7 AA	7.5 - 8.0
-7.5 AA	8.0 - 8.5
-8 AA	8.5 - 9.0
-8.5 AA	9.0 - 9.5
-9 AA	9.5 - 10.0
-9.5 AA	10.0 - 10.5
-10 AA	10.5 - 11.0
-10.5 AA	11.0 - 11.5
-11 AA	11.5 - 12.0
-11.5 AA	12.0 - 12.5
-12 AA	12.5 - 13.0
-12.5 AA	13.0 - 13.5
-13 AA	13.5 - 14.0
-13.5 AA	14.0 - 14.5
-14 AA	14.5 - 15.0
-14.5 AA	15.0 - 15.5
-15 AA	15.5 - 16.0
-15.5 AA	16.0 - 16.5
-16 AA	16.5 - 17.0
-16.5 AA	17.0 - 17.5
-17 AA	17.5 - 18.0
-17.5 AA	18.0 - 18.5
-18 AA	18.5 - 19.0
-18.5 AA	19.0 - 19.5
-19 AA	19.5 - 20.0
-19.5 AA	20.0 - 20.5

$\varnothing A=25.5$  B=35

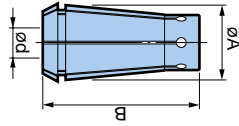
Model	Clamping Range $\varnothing$
MEGA13N / NBS13	2.5 - 3.0
NBC13- 3 AA	2.925 - 3.175
-3.5 AA	3.0 - 3.5
-4 AA	3.5 - 4.0
-4.5 AA	4.0 - 4.5
-5 AA	4.5 - 5.0
-5.5 AA	5.0 - 5.5
-6 AA	5.5 - 6.0
-6.5 AA	6.0 - 6.5
-7 AA	6.5 - 7.0
-7.5 AA	7.0 - 7.5
-8 AA	7.5 - 8.0
-8.5 AA	8.0 - 8.5
-9 AA	8.5 - 9.0
-9.5 AA	9.0 - 9.5
-10 AA	9.5 - 10.0
-10.5 AA	10.0 - 10.5
-11 AA	10.5 - 11.0
-11.5 AA	11.0 - 11.5
-12 AA	11.5 - 12.0
-12.5 AA	12.0 - 12.5
-13 AA	12.5 - 13.0
-13.5 AA	13.0 - 13.5
-14 AA	13.5 - 14.0
-14.5 AA	14.0 - 14.5
-15 AA	14.5 - 15.0
-15.5 AA	15.0 - 15.5
-16 AA	15.5 - 16.0
-16.5 AA	16.0 - 16.5
-17 AA	16.5 - 17.0
-17.5 AA	17.0 - 17.5
-18 AA	17.5 - 18.0
-18.5 AA	18.0 - 18.5
-19 AA	18.5 - 19.0
-19.5 AA	19.0 - 19.5
-20 AA	19.5 - 20.0

$\varnothing A=28.5$  B=38

Model	Clamping Range $\varnothing$
MEGA20N / NBS20	2.5 - 3.0
NBC20- 3 AA	2.925 - 3.175
-3.5 AA	3.0 - 3.5
-4 AA	3.5 - 4.0
-4.5 AA	4.0 - 4.5
-5 AA	4.5 - 5.0
-5.5 AA	5.0 - 5.5
-6 AA	5.5 - 6.0
-6.5 AA	6.0 - 6.5
-7 AA	6.5 - 7.0
-7.5 AA	7.0 - 7.5
-8 AA	7.5 - 8.0
-8.5 AA	8.0 - 8.5
-9 AA	8.5 - 9.0
-9.5 AA	9.0 - 9.5
-10 AA	9.5 - 10.0
-10.5 AA	10.0 - 10.5
-11 AA	10.5 - 11.0
-11.5 AA	11.0 - 11.5
-12 AA	11.5 - 12.0
-12.5 AA	12.0 - 12.5
-13 AA	12.5 - 13.0
-13.5 AA	13.0 - 13.5
-14 AA	13.5 - 14.0
-14.5 AA	14.0 - 14.5
-15 AA	14.5 - 15.0
-15.5 AA	15.0 - 15.5
-16 AA	15.5 - 16.0
-16.5 AA	16.0 - 16.5
-17 AA	16.5 - 17.0
-17.5 AA	17.0 - 17.5
-18 AA	17.5 - 18.0
-18.5 AA	18.0 - 18.5
-19 AA	18.5 - 19.0
-19.5 AA	19.0 - 19.5
-20 AA	19.5 - 20.0

**NEW BABY COLLET**

For ENDMILL



$\varnothing A=9.2$  B=17

Model	$\varnothing$
MEGA6N / NBS6	3
NBC 6-3E AA	3
-4E AA	4
-5E AA	5
-6E AA	6

$\varnothing A=12$  B=20

Model	$\varnothing$
MEGA8N / NBS8	3
NBC 8-3E AA	3
-4E AA	4
-5E AA	5
-6E AA	6
-8E AA	8

$\varnothing A=16$  B=32

Model	$\varnothing$
MEGA10N / NBS10	3
NBC10- 3E AA	3
-4E AA	4
-5E AA	5
-6E AA	6
-8E AA	8
-10E AA	10

$\varnothing A=20$  B=38

Model	$\varnothing$
MEGA13N / NBS13	3
NBC13- 3E AA	3
-4E AA	4
-5E AA	5
-6E AA	6
-8E AA	8
-10E AA	10
-12E AA	12

$\varnothing A=25$  B=42

Model	$\varnothing$
MEGA16N / NBS16	3
NBC16- 3E AA	3
-4E AA	4
-5E AA	5
-6E AA	6
-8E AA	8
-10E AA	10
-12E AA	12
-14E AA	14
-16E AA	16

$\varnothing A=28$  B=45

Model	$\varnothing$
MEGA20N / NBS20	3
NBC20- 3E AA	3
-4E AA	4
-5E AA	5
-6E AA	6
-8E AA	8
-10E AA	10
-12E AA	12
-14E AA	14
-16E AA	16
-20E AA	20

• Use only a cutting tool shank with exactly the same diameter as the collet bore diameter.  
• The tolerance of the cutting tool shank must be within h7.

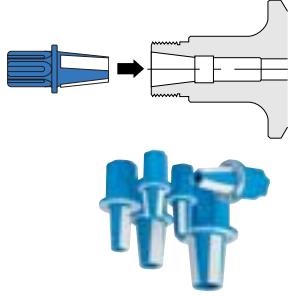
**COLLET EJECTOR**

For easy assembly or removal of New Baby Collet.



**TAPER CLEANER**

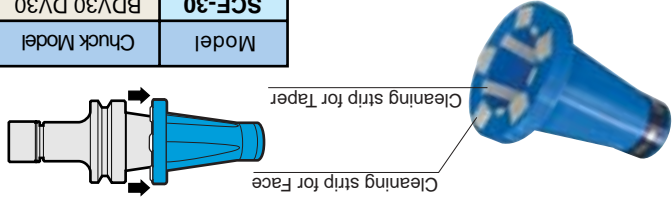
Inside Taper Cleaner of Collet Chucks  
Maintain the precision of collet chucks.



Model	Chuck Model
SC-NBC 6	MEGA 6N
SC-NBC 8	MEGA 8N
SC-NBC10	MEGA10N
SC-NBC13	MEGA13N
SC-NBC16	MEGA16N
SC-NBC20	MEGA20N

**TOOLING CLEANER**

Toolholder taper cleaner  
Cleaner enhances the repeatability to Machine spindle.  
Easy cleaning for Taper and Face in Single action.



Model	Chuck Model
SCE-30	BDV30 DV30
SCE-40	BDV40 DV40