

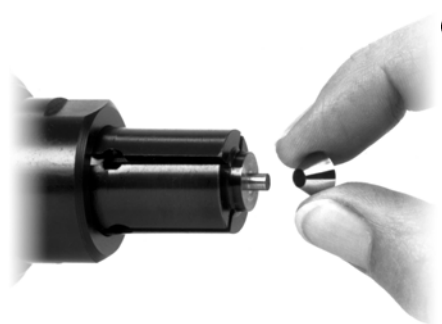
PRECISION EXPANDING MINI-COLLETS

Machinable to .062"
For 5C, 16C, 2J & 3J Collet Chucks
Tapered Stem

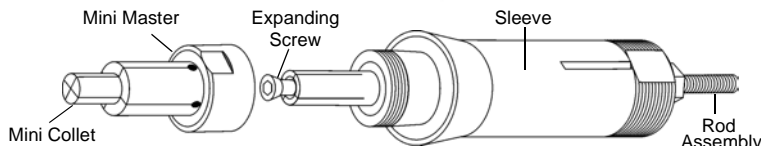


Why Use Our Precision Expanding Mini-Collets?

- **Low Cost**- Replacement collets keeps future costs to a minimum when you replace only the machinable collet.
- **Rigid Design**- Long taper fit increases rigidity, allowing for heavier cuts.
- **Interchangeable**- Adaptor sleeves allow you to use the same expanding collet in different spindle sizes.
- **Precise**- Concentricity of .0002 T.I.R. and lengths of ± .0002 obtainable for parts with closely held bores. Reassembly concentricity is excellent.
- **Miniature Work Holding**- Mini Collets can grip bores down to 1/16" for light cuts.
- **Made in USA!**



Miniature workholding in 5C, 2J, 3J and 16C spindle sizes. Holds 3/8" to 1/16" diameter bores. Machinable to .062"



Mini Collet Assembly consists of:

- 1-Mini Master
- 1-Expanding Screw
- 1-Mini Collet
- 1-Sleeve
- 1-Rod Assembly



How to use the Mini Collet System:

1. **Mini Collet set up requires five parts:**
(A) Mini Collet (B) Mini Master (C) Sleeve (D) Rod Assembly (E) RV-572 Expanding Screw
2. Clean taper of Mini Master and inside taper of Sleeve and install Mini Master securely into Sleeve.
3. Install Rod Assembly into the Sleeve and let it project into the Mini Master.
4. Insert Expanding Screw through front of Mini Master into the Rod Assembly. Hand tighten only.
5. Loosen Lock Nut and adjust Collet Nut so Rod Assembly will travel about 1/8" to 3/16".
6. Tighten Lock Nut and then lightly tighten Expanding Screw.
7. Slide Mini Collet over the Mini Master and rotate until the slots line up. Screw on the Locking Collar and tighten.
8. Insert the assembly into machine. Adjust the collet closer until Mini Collet expands slightly and machine to desired diameter.



MINI MASTER

Part Number	Price
RV-500	\$47.97



EXPANDING SCREW

Part Number	Price
RV-572	\$3.79

MINI COLLETS

Dia	Lgth	Part Number	Price Each
7/16"	1/4"	RV-505	\$27.77
	9/16"	RV-506	\$40.39
	3/4"	RV-507	\$53.01

SLEEVE

Spindle	Part Number	Price Each
5C	RV-590	\$45.44
16C	RV-591	\$82.06
2J	RV-592	\$69.43
3J	RV-593	\$82.06

ROD ASSEMBLY

Spindle	Part Number	Price Each
5C	RV-583	\$28.41
16C	RV-584	\$41.03
2J	RV-585	\$35.35
3J	RV-585-3	\$41.03

EXPANDING COLLET ASSEMBLIES

-2 Collets, Machinable Down to .375"
For 5C, 16C, 2J and 3J Collets



Rod Assembly

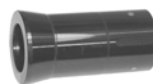
Sleeve

Collet

Expanding Screw

-2 COLLET

Machinable Down to .375"				Replacement Screws		
Dia.	Length	Part Number	Price Each	UsesRod Assembly Series:	Part Number	Price Each
1"	1"	RV-521	\$22.73	1-2	RV-572	\$3.79
	2"	RV-522	\$25.25	2-2	RV-576	\$5.06
	3"	RV-523	\$31.57	2-2		
1-1/4"	1"	RV-524	\$23.98	1-2	RV-572	\$3.79
1-1/2"	1"	RV-526	\$25.25	1-2	RV-576	\$5.06
	2"	RV-527	\$27.77	2-2		
2"	1"	RV-528	\$27.77	1-2	RV-572	\$3.79



-2 SLEEVE

Spindle	Part No.	Price
5C	RV-590	\$45.44
16C	RV-591	\$82.06
2J	RV-592	\$69.43
3J	RV-593	\$82.06

-2 ROD ASSEMBLY

Spindle	Series 1-2		Series 2-2	
	Part Number	Price Each	Part Number	Price Each
5C	RV-583	\$28.41	RV-583L	\$30.93
16C	RV-584	\$41.03	RV-584L	\$43.55
2J	RV-585	\$35.35	RV-585L	\$37.87
3J	RV-585-3	\$41.03	RV-585-3L	\$38.88

Call Us Today For All Of Your Machine Tool Needs!



EXPANDING COLLET ASSEMBLIES -4 Collets, Machinable Down to .500"

Machinable Down to .500"				Uses Rod Assembly Series:	Replacement Screws	
Dia.	Length	Part Number	Price Each		Part Number	Price Each
1-1/2"	1-1/2"	RV-541	\$25.25	-4 -1	RV-573	\$5.06
	2"	RV-542	\$29.04	-4 -1		
	3"	RV-543	\$35.05	-4 -2		
	4"	RV-543A	\$46.71	-4 -3		
2"	1-1/2"	RV-544	\$32.82	-4 -1	RV-573	\$5.06
	2"	RV-545	\$36.61	-4 -1		
	3"	RV-546	\$44.19	-4 -2		
	4"	RV-547	\$55.55	-4 -3		
	5"	RV-547A	\$88.36	-4 -4		
2-1/2"	1-1/2"	RV-548	\$39.14	-4 -1	RV-573	\$4.51
	2"	RV-549	\$45.44	-4 -1		
	3"	RV-550	\$56.81	-4 -2		
3"	1-1/2"	RV-552	\$45.44	-4 -1	RV-573	\$4.51
	2"	RV-553	\$54.28	-4 -1		
	3"	RV-554	\$71.95	-4 -2		
3-1/2"	1-1/2"	RV-555	\$58.07	-4 -1	RV-573	\$4.51
	3"	RV-556	\$80.79	-4 -2		
4"	1-1/2"	RV-557	\$70.69	-4 -1	RV-573	\$4.51
	3"	RV-557A	\$106.04	-4 -2		
4-1/2"	1-1/2"	RV-558	\$90.88	-4 -1	RV-573	\$4.51
5-1/4"	1-1/2"	RV-559	\$116.13	-4 -1		
6"	1-1/2"	RV-560	\$159.04	-4 -1		



Expanding Collet Assembly consists of:
1-Collet
1-Expanding Screw
1-Sleeve
1-Rod Assembly

ROD ASSEMBLY (INCLUDES SCREW)

Spindle Type	Series -4 -1		Series -4 -2	
	Screw and 4-1/2" Rod	Price Each	Long Screw and 4-1/2" ROD	Price Each
5C	RV-586	\$30.93	RV-586L	\$33.46
16C	RV-587	\$42.92	RV-587L	\$43.88
2J	RV-588	\$35.35	RV-588L	\$36.30
3J	RV-589	\$42.92	RV-589L	\$43.88

SLEEVE

Spindle Type	Part Number	Price Each
5C	RV-596	\$45.44
16C	RV-597	\$82.06
2J	RV-598	\$69.43
3J	RV-599	\$82.06

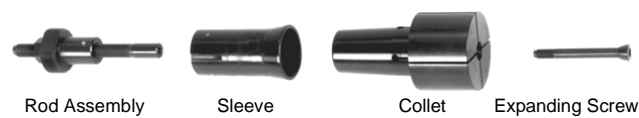
Spindle Type	Series -4 -3		Series -4 -4	
	Long Screw and 5-3/4" ROD	Price Each	Long Screw and 8-3/4" ROD	Price Each
5C	RV-586XL	\$33.46	RV-586XXL	\$36.99
16C	RV-587XL	\$43.88	RV-587XXL	\$47.40
2J	RV-588XL	\$36.30	RV-588XXL	\$39.83
3J	RV-589XL	\$43.88	RV-589XXL	\$47.40

-8 COLLETS Machinable Down to .500"



Machinable Down to .500"				Uses Rod Assembly Series:	Replacement Screws	
Dia.	Length	Part Number	Price Each		Part Number	Price Each
2"	2"	RV-822	\$47.97	-8-1	RV-ES38L	\$17.68
	3"	RV-823	\$55.55	-8-1		
	4"	RV-824	\$85.84	-8-1		
	5"	RV-825*	\$90.88	-8-2		
2-1/2"	2"	RV-825.52	\$58.07	-8-1	RV-ES38XL	\$25.25
	3"	RV-82.53	\$79.52	-8-1		
	4"	RV-82.54	\$95.93	-8-1		
3"	2"	RV-832	\$65.64	-8-1	RV-ES38L	\$17.68
	3"	RV-833	\$79.52	-8-1		
3-1/2"	2"	RV-83.52	\$100.98	-8-1	RV-ES38L	\$17.68
	3"	RV-83.53	\$118.66	-8-1		
4"	2"	RV-842	\$88.36	-8-1	RV-ES38L	\$17.68
	3"	RV-843	\$100.98	-8-1		
4-1/2"	2"	RV-84.52	\$100.98	-8-1	RV-ES38L	\$17.68
	3"	RV-84.53	\$118.66	-8-1		
5-1/4"	2"	RV-85.252	\$138.35	-8-1	RV-ES38L	\$17.68
6"	1-1/2"	RV-862	\$169.15	-8-1	RV-ES38L	\$17.68

-26 COLLETS Machinable Down to .250"



Machinable Down to .250"				Replacement Screws	
Dia.	Length	Part No.	Price	Part No.	Price
1/2"	1"	RV-510	\$22.73	RV-571	\$3.38
1"	1"	RV-511	\$22.73		

Sleeve		Rod Assembly		
Spindle	Part No.	Price	Part No.	Price
5C	RV-590	\$45.44	RV-580	\$28.41
16C	RV-591	\$82.06	RV-581	\$41.03
2J	RV-592	\$69.43	RV-582	\$34.09
3J	RV-593	\$82.06	RV-582-3	\$41.03

ACCESSORIES

NUTS

Part Number	Price Each
RV-16C	\$27.79
RV-2J	\$20.20
RV-3J	\$27.77
RV-5C	\$15.15

COLLET SEPARATORS

Part Number	Price Each
RV-CS-16C	\$37.87
RV-CS-3J	\$37.87
RV-CS-5C	\$56.81

THREADED RODS

All Rods have 3/8" threads

Length of Rod	Used In System	Part Number	Price Each
4"	-26	RV-R6	\$10.11
5"		RV-R6L	\$10.11
4 1/2"	-2	RV-R10	\$11.36
5 3/4"		RV-R10L	\$11.36
4-1/2"	-4	RV-R25	\$12.88
5-3/4"		RV-R25L	\$12.88
8-3/4"		RV-R25XL	\$16.41

-8 SLEEVES			-8 ROD ASSEMBLY			
Spindle Type	Part Number	Price Each	Series -8-1		Series -8-2	
			Part Number	Price Each	Part Number	Price Each
16C	RV-SL8-16C	\$82.06	RV-RA38L-16C	\$58.07	RV-RA38XL-16C	\$65.64
3J	RV-SL8-3J	\$82.06	RV-RA38L-3J	\$55.55	RV-RA38XL-3J	\$63.12

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