HUYETT.COM • 785-392-3017
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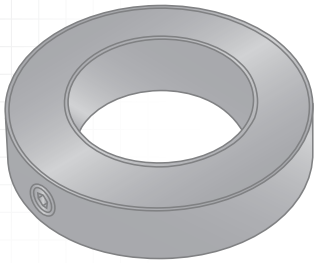
SET – METRIC

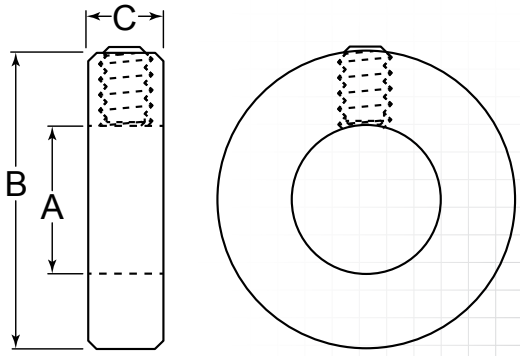
DESCRIPTION

Set collars are used in machine applications for securing components on shafts. They can be used for stroke limitations, positioning, or as mechanical stops. Because the set screw must penetrate the shaft, set collars are used only on unhardened shafts and when frequent adjustment is not a consideration.

HOW TO IDENTIFY

1. Verify solid style with set screw.
2. Measure bore (A).
3. Build the part number from the chart on the next page.





PREFIX MATERIAL/FINISH

SCM-###	=	CARBON STEEL, PLAIN*
SCM-###-BO	=	CARBON STEEL, BLACK OXIDE
SCM-###-SS	=	STAINLESS STEEL, PLAIN
SCM-###-ZC	=	CARBON STEEL, ZINC CLEAR

ADDITIONAL SIZES AND FINISHES MAY BE AVAILABLE UPON REQUEST

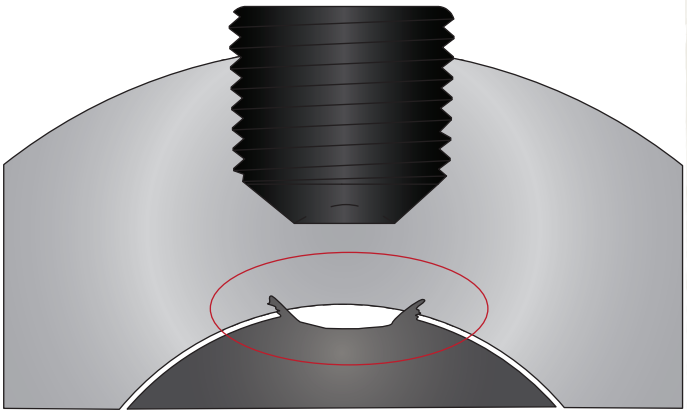
BORE (A) TOLERANCES

(Size Range)	*(Tolerance)*
2 mm – 26 mm	+0.10/+0.02 mm
28 mm – 200 mm	+0.12/+0.02 mm

FLARE UPS & BURNS

THE SET SCREW IN A SET COLLAR WILL CREATE A "FLARE UP" OR "BURN" WHEN INSTALLED

THIS MAKES SUBSEQUENT ADJUSTMENTS AND REPOSITIONING DIFFICULT BECAUSE THE SET SCREW WILL SEEK ITS ORIGINAL POSITION



CLOSE UP OF A FLARE UP

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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**Limited warranty for surface finish: 30 days from date of shipment. See page 12 for details.*

SET – METRIC

ZINC PLATING AND OTHER FINISHES AVAILABLE FOR ALL PARTS

SEE PAGE 16

HOW TO BUILD A PART NUMBER

SCM-0035

LEAVE BLANK FOR CARBON STEEL, PLAIN*

OR SELECT MATERIAL AND FINISH FROM THE LIST BELOW

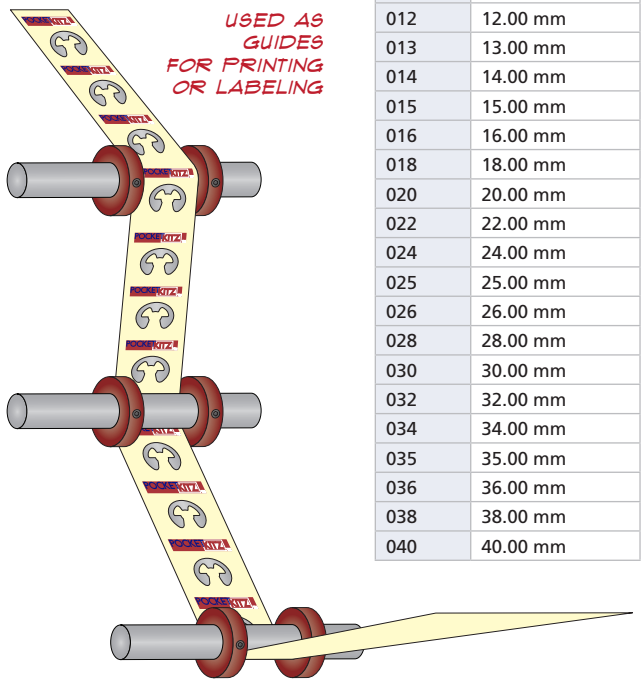
ITEM PREFIX

SCM-

TO ORDER ADD YOUR STYLE,

CODE	STYLE
SCM-	Set Collar, Metric

DON'T SEE WHAT YOU'RE LOOKING FOR? CONTACT SALES@HUYETT.COM OR CALL 785-392-3017



USED AS GUIDES FOR PRINTING OR LABELING

(A) BORE

2 mm to 200 mm

0035

CHOOSE YOUR BORE,

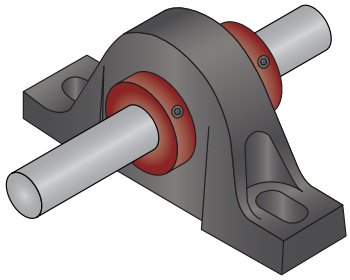
CODE	BORE
002	2.00 mm
0025	2.50 mm
003	3.00 mm
0035	3.50 mm
004	4.00 mm
0045	4.50 mm
005	5.00 mm
0055	5.50 mm
006	6.00 mm
007	7.00 mm
008	8.00 mm
009	9.00 mm
010	10.00 mm
011	11.00 mm
012	12.00 mm
013	13.00 mm
014	14.00 mm
015	15.00 mm
016	16.00 mm
018	18.00 mm
020	20.00 mm
022	22.00 mm
024	24.00 mm
025	25.00 mm
026	26.00 mm
028	28.00 mm
030	30.00 mm
032	32.00 mm
034	34.00 mm
035	35.00 mm
036	36.00 mm
038	38.00 mm
040	40.00 mm

CODE	BORE
042	42.00 mm
045	45.00 mm
048	48.00 mm
050	50.00 mm
052	52.00 mm
055	55.00 mm
056	56.00 mm
058	58.00 mm
060	60.00 mm
063	63.00 mm
065	65.00 mm
068	68.00 mm
070	70.00 mm
072	72.00 mm
075	75.00 mm
080	80.00 mm
085	85.00 mm
090	90.00 mm
095	95.00 mm
100	100.00 mm
110	110.00 mm
120	120.00 mm
125	125.00 mm
130	130.00 mm
135	135.00 mm
140	140.00 mm
150	150.00 mm
160	160.00 mm
170	170.00 mm
180	180.00 mm
190	190.00 mm
200	200.00 mm

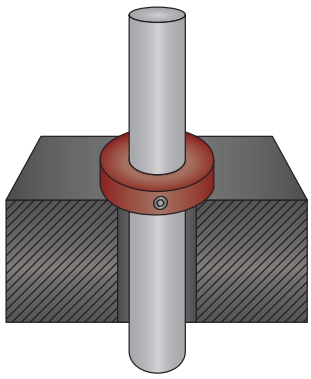
MATERIAL SUFFIX

CHOOSE YOUR MATERIAL.

CODE	MATERIAL/FINISH
(blank)	Carbon Steel, Plain*
-BO	Carbon Steel, Black Oxide
-SS	Stainless Steel, Plain
-ZC	Carbon Steel, Zinc Clear



USED TO HOLD A SHAFT IN A BEARING BLOCK



USED AS A MECHANICAL STOP TO LIMIT MOVEMENT

FOR DETAILED SPECIFICATIONS AND TOLERANCES, VISIT HUYETT.COM.

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