

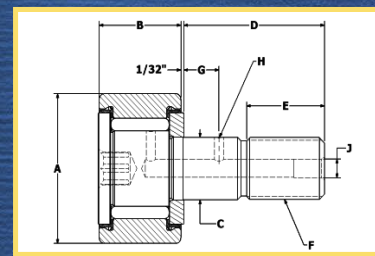
CARTER[®]

Xtenda[™] Stainless Steel Bearings



Xtenda™

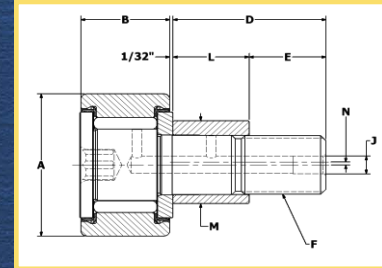
Stainless Steel



Needle Bearing Cam Followers - Standard Stainless Steel

Part Number		Roller		Stud				Lubrication			Other Specs				
		A	B	C	D	E	F	G	H	J					
Cylindrical	Crowned	Roller O.D. +.000 -.001	Roller Width +.000 -.005	Stud Dia.	Stud Length +/- .010	Min. Eff. Thread Length	Thread Class	Oil Hole Center	Oil Hole Dia.	Lube Fitting Size	Min. Boss Dia.	Recom. Bore +.0005 -.0000	**Recom. Torque Inch Pounds	Max Static Capacity Pounds	Basic Dynamic Rating Pounds
SC-16-SB	CSC-16-SB	0.500	0.375	0.190	0.625	0.250	10-32	~	~	1/8	19/64	0.190	8	310	610
SC-20-SB	CSC-20-SB	0.625	0.438	0.250	0.750	0.312	1/4-28	~	~	1/8	23/64	0.250	18	600	860
SC-22-SB	CSC-22-SB	0.688	0.438	0.250	0.750	0.312	1/4-28	~	~	1/8	23/64	0.250	18	600	860
SC-24-SB	CSC-24-SB	0.750	0.500	0.375	0.875	0.375	3/8-24	1/4	3/32	3/16	1/2	0.375	48	1,500	1,490
SC-28-SB	CSC-28-SB	0.875	0.500	0.375	0.875	0.375	3/8-24	1/4	3/32	3/16	1/2	0.375	48	1,500	1,490
SC-32-SB	CSC-32-SB	1.000	0.625	0.438	1.000	0.500	7/16-20	1/4	3/32	3/16	41/64	0.438	125	1,800	2,000
SC-36-SB	CSC-36-SB	1.125	0.625	0.438	1.000	0.500	7/16-20	1/4	3/32	3/16	41/64	0.438	125	1,800	2,000
SC-40-SB	CSC-40-SB	1.250	0.750	0.500	1.250	0.625	1/2-20	5/16	3/32	3/16	49/64	0.500	175	2,300	3,530
SC-44-SB	CSC-44-SB	1.375	0.750	0.500	1.250	0.625	1/2-20	5/16	3/32	3/16	49/64	0.500	175	2,300	3,530
SC-48-SB	CSC-48-SB	1.500	0.875	0.625	1.500	0.750	5/8-18	3/8	3/32	3/16	57/64	0.625	325	4,000	4,350
SC-52-SB	CSC-52-SB	1.625	0.875	0.625	1.500	0.750	5/8-18	3/8	3/32	3/16	57/64	0.625	325	4,000	4,350
SC-56-SB	CSC-56-SB	1.750	1.000	0.750	1.750	0.875	3/4-16	7/16	3/32	3/16	1 3/64	0.750	625	6,000	5,730
SC-60-SB	CSC-60-SB	1.875	1.000	0.750	1.750	0.875	3/4-16	7/16	3/32	3/16	1 3/64	0.750	625	6,000	5,730
SC-64-SB	CSC-64-SB	2.000	1.250	0.875	2.000	1.000	7/8-14	1/2	1/8	3/16	1 13/64	0.875	750	8,200	7,270
SC-72-SB	CSC-72-SB	2.250	1.250	0.875	2.000	1.000	7/8-14	1/2	1/8	3/16	1 13/64	0.875	750	8,200	7,270
SC-80-SB	CSC-80-SB	2.500	1.500	1.000	2.250	1.125	1-14	9/16	1/8	3/16	1 5/16	1.000	1,125	12,335	10,430

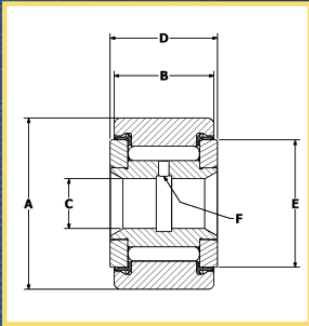
**Clamping torque is based on dry threads. If threads are lubricated, use half of values shown. Available from stock. 100% 440C stainless construction. Food grade grease standard. Other lubricants are available.



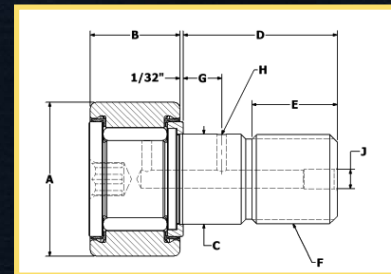
Needle Bearing Cam Followers - Eccentric Stainless Steel

Part Number		Roller		Stud				Bushing			Other Specs				
		A	B	D	E	F	J	L	M	N					
Cylindrical	Crowned	Roller O.D. +.000 -.001	Roller Width +.000 .005	Stud Length +/- .010	Min. Eff. Thread Length	Thread Class	Lube Fitting Size	Bushing Length	Bushing Dia. +/- .001	Eccentric offset	Min. Boss Dia.	Recom. Bore Dia. +/- .001	**Recom. Torque Inch Pounds	Max Static Capacity Pounds	Basic Dynamic Rating Pounds
SCE-16-SB	CSCE-16-SB	0.500	0.375	0.625	0.250	10-32	1/8	0.375	0.250	0.010	19/64	0.253	15	790	680
SCE-20-SB	CSCE-20-SB	0.625	0.438	0.750	0.312	1/4-28	1/8	0.437	0.375	0.015	23/64	0.378	35	1,215	995
SCE-22-SB	CSCE-22-SB	0.688	0.438	0.750	0.312	1/4-28	1/8	0.437	0.375	0.015	23/64	0.378	35	1,215	995
SCE-24-SB	CSCE-24-SB	0.750	0.500	0.875	0.375	3/8-24	3/16	0.500	0.500	0.015	1/2	0.503	95	2,065	1,660
SCE-28-SB	CSCE-28-SB	0.875	0.500	0.875	0.375	3/8-24	3/16	0.500	0.500	0.015	1/2	0.503	95	2,065	1,660
SCE-32-SB	CSCE-32-SB	1.000	0.625	1.000	0.500	7/16-20	3/16	0.500	0.625	0.030	41/64	0.628	250	3,060	2,225
SCE-36-SB	CSCE-36-SB	1.125	0.625	1.000	0.500	7/16-20	3/16	0.500	0.625	0.030	41/64	0.628	250	3,060	2,225
SCE-40-SB	CSCE-40-SB	1.250	0.750	1.250	0.625	1/2-20	3/16	0.625	0.687	0.030	49/64	0.690	350	4,250	3,930
SCE-44-SB	CSCE-44-SB	1.375	0.750	1.250	0.625	1/2-20	3/16	0.625	0.687	0.030	49/64	0.690	350	4,250	3,930
SCE-48-SB	CSCE-48-SB	1.500	0.875	1.500	0.750	5/8-18	3/16	0.750	0.875	0.030	57/64	0.878	650	5,640	4,840
SCE-52-SB	CSCE-52-SB	1.625	0.875	1.500	0.750	5/8-18	3/16	0.750	0.875	0.030	57/64	0.878	650	5,640	4,840
SCE-56-SB	CSCE-56-SB	1.750	1.000	1.750	0.875	3/4-16	3/16	0.875	1.000	0.030	1 3/64	1.003	1,250	7,920	6,385
SCE-60-SB	CSCE-60-SB	1.875	1.000	1.750	0.875	3/4-16	3/16	0.875	1.000	0.030	1 3/64	1.003	1,250	7,920	6,385
SCE-64-SB	CSCE-64-SB	2.000	1.250	2.000	1.000	7/8-14	3/16	1.000	1.187	0.030	1 13/64	1.190	1,500	10,570	8,090
SCE-72-SB	CSCE-72-SB	2.250	1.250	2.000	1.000	7/8-14	3/16	1.000	1.187	0.030	1 13/64	1.190	1,500	10,570	8,090
SCE-80-SB	CSCE-80-SB	2.500	1.500	2.250	1.125	1-14	3/16	1.125	1.375	0.030	1 5/16	1.378	2,250	16,450	11,720

**Clamping torque is based on dry threads. If threads are lubricated, use half of values shown.



Needle Bearing Cam Yoke Rollers - Standard Stainless Steel										
Part Number		Roller				Other Specs				
		A	B	C	D	E	F			
Cylindrical	Crowned	Roller O.D. +.000 -.001	Roller Width +.000 -.005	Bore Dia.	Total Width +.005 -.010	Flange Ref. Dia.	Oil Hole Dia.	Recom. Shaft Dia. +/- .0002	Max Static Capacity	Basic Dynamic Rating Pounds
SY-24-S	CSY-24-S	0.750	0.500	0.250	0.563	5/8	3/32	0.2497	2,100	1,490
SY-28-S	CSY-28-S	0.875	0.500	0.250	0.563	5/8	3/32	0.2497	2,100	1,490
SY-32-S	CSY-32-S	1.000	0.625	0.313	0.688	23/32	3/32	0.3122	5,400	2,000
SY-36-S	CSY-36-S	1.125	0.625	0.313	0.688	23/32	3/32	0.3122	5,400	2,000
SY-40-S	CSY-40-S	1.250	0.750	0.375	0.813	1	3/32	0.3747	7,700	3,530
SY-44-S	CSY-44-S	1.375	0.750	0.375	0.813	1	3/32	0.3747	7,700	3,530
SY-48-S	CSY-48-S	1.500	0.875	0.438	0.938	1 1/8	3/32	0.4372	11,200	4,350
SY-52-S	CSY-52-S	1.625	0.875	0.438	0.938	1 1/8	3/32	0.4372	11,200	4,350
SY-56-S	CSY-56-S	1.750	1.000	0.500	1.063	1 1/4	3/32	0.4997	14,800	5,730
SY-60-S	CSY-60-S	1.875	1.000	0.500	1.063	1 1/4	3/32	0.4997	14,800	5,730
SY-64-S	CSY-64-S	2.000	1.250	0.625	1.313	1 1/2	3/32	0.6247	17,600	7,270
SY-72-S	CSY-72-S	2.250	1.250	0.625	1.313	1 1/2	3/32	0.6247	17,600	7,270
SY-80-S	CSY-80-S	2.500	1.500	0.750	1.563	1 3/4	1/8	0.7497	12,335	10,430



Needle Bearing Cam Followers - Heavy Duty Stainless Steel

Part Number		Roller		Stud				Lubrication			Other Specs				
		A	B	C	D	E	F	G	H	J					
Cylindrical	Crowned	Roller O.D. +.000 -.001	Roller Width +.000 -.005	Stud Dia.	Stud Length +/- .010	Min. Eff. Thread Length	Thread Class	Oil Hole Center	Oil Hole Dia.	Lube Fitting Size	Min. Boss Dia.	Recom. Bore +.0005 -.0000	**Recom. Torque Inch Pounds	Max Static Capacity Pounds	Basic Dynamic Rating Pounds
SCH-16-SB	CSCH-16-SB	0.500	0.375	0.250	0.625	0.250	1/4-28	~	~	*1/8	13/32	0.250	12	1,106	544
SCH-20-SB	CSCH-20-SB	0.625	0.438	0.313	0.750	0.312	5/16-24	~	~	*1/8	15/32	0.313	28	1,736	796
SCH-22-SB	CSCH-22-SB	0.688	0.438	0.313	0.750	0.312	5/16-24	~	~	*1/8	15/32	0.313	28	1,736	796
SCH-24-SB	CSCH-24-SB	0.750	0.500	0.438	0.875	0.375	7/16-20	1/4	3/32	3/16	39/64	0.438	76	2,891	1,328
SCH-28-SB	CSCH-28-SB	0.875	0.500	0.438	0.875	0.375	7/16-20	1/4	3/32	3/16	39/64	0.438	76	2,891	1,328
SCH-32-SB	CSCH-32-SB	1.000	0.625	0.625	1.000	0.500	5/8-18	1/4	3/32	3/16	25/32	0.625	200	4,284	1,780
SCH-36-SB	CSCH-36-SB	1.125	0.625	0.625	1.000	0.500	5/8-18	1/4	3/32	3/16	25/32	0.625	200	4,284	1,780
SCH-40-SB	CSCH-40-SB	1.250	0.750	0.750	1.250	0.625	3/4-16	5/16	3/32	3/16	63/64	0.750	280	5,950	3,144
SCH-44-SB	CSCH-44-SB	1.375	0.750	0.750	1.250	0.625	3/4-16	5/16	3/32	3/16	63/64	0.750	280	5,950	3,144
SCH-48-SB	CSCH-48-SB	1.500	0.875	0.875	1.500	0.750	7/8-14	3/8	3/32	3/16	1 3/32	0.875	520	7,896	3,872
SCH-52-SB	CSCH-52-SB	1.625	0.875	0.875	1.500	0.750	7/8-14	3/8	3/32	3/16	1 3/32	0.875	520	7,896	3,872
SCH-56-SB	CSCH-56-SB	1.750	1.000	1.000	1.750	0.875	1-14	7/16	3/32	3/16	1 1/4	1.000	1,000	11,088	5,108
SCH-60-SB	CSCH-60-SB	1.875	1.000	1.000	1.750	0.875	1-14	7/16	3/32	3/16	1 1/4	1.000	1,000	11,088	5,108
SCH-64-SB	CSCH-64-SB	2.000	1.250	1.125	2.000	1.000	1 1/8-12	1/2	1/8	3/16	1-13/32	1.125	1,200	14,798	6,472
SCH-72-SB	CSCH-72-SB	2.250	1.250	1.125	2.000	1.000	1 1/8-12	1/2	1/8	3/16	1-13/32	1.125	1,200	14,798	6,472
SCH-80-SB	CSCH-80-SB	2.500	1.500	1.250	2.250	1.125	1 1/4-12	9/16	1/8	3/16	1-11/16	1.250	2,250	21,379	10,532

**Clamping torque is based on dry threads. If threads are lubricated, use half of values shown.

Count on **CARTER** standard stainless bearings

- Extend your machinery bearing life and reduce routine maintenance cost.
- Our SealTight Cam Followers and Cam Yoke Rollers minimize contamination.
- Stainless bearings use a H1 Food-grade lubricant.
- Components are manufactured from 440C stainless steel.
- Manufactured, assembled and warehoused in the USA

Special Applications

For over 50 years, **CARTER** has been designing, prototyping and manufacturing bearings in the United States. Unlike other larger manufacturers, **CARTER** specializes in custom bearings and meeting your design and scheduling requirements.

Other **CARTER** standard product lines



Standard Bearing Steel Cam Followers and Cam Yoke Rollers



Hi-Roller™ Idler Rollers

Hi-Rollers are designed for applications where both radial and thrust loading are present. Available with deep groove ball bearings or tapered rollers, they come in v-groove, plain and flanged styles.



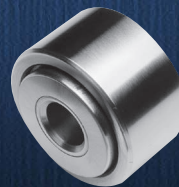
Polyurethane Coated Bearings

Our comprehensive line of poly-coated bearings can be used in applications where noise reduction, reduced wear and non-marking are important factors.



Chrome Plated Bearings

Chrome plated cam followers and yoke rollers contain stainless steel needles and offer higher corrosion and wear resistance than a standard bearing.



Neverlube Cam Followers and Cam Yoke Rollers

The Neverlube line is an economical sintered bushing design with large lube reservoirs for dependable long-term performance.

