



CR Seals®

SKF Speedi-Sleeve product listings

Understanding key table elements

Designed to be user-friendly, CR Seals and product listings convey a good deal of information on every line. As you familiarize yourself with the tables, keep these need-to-know basics in mind:

Seal and product sizes

All size listings for all CR Seals products are arranged by ascending shaft diameters, segregated as inch sizes (green bars) and metric sizes (blue bars). All bore and width sizes listed under the green bars are in inches, while all sizes listed under blue bars are in mm.

Bore / width

Once you have selected the right shaft size, you will need to identify the seals with a matching bore size. The recommended tolerance ranges for shaft and bore can be found on **pages 46-49**. While it is important to choose a seal with a close match to shaft and bore, it is less important to choose a seal with a predetermined width. As long as the seal is short enough not to protrude out of the bore, it will work just fine.

Preferred designs

Highlighted in bold in the “Part Number” and “Seal Type” columns, preferred seal design listings represent the highest performing or otherwise best suited sealing solution for a given shaft diameter.

Lip Material

- R = NBR** (nitrile rubber)
- RG = NBR** with advanced oil resistance and pumping ability
- D = XNBR** (carboxylated nitrile)
- H = HNBR** (hydrogenated nitrile)
- V = FKM** (fluorocarbon rubber)
- P = ACM** (polyacrylate elastomer)
- T = PTFE** (polytetrafluoroethylene)

Seal technologies

W = SKF Wave: Featuring the patented SKF Wave lip design, these are the most robust standard seals ever made.

E = SKF Edge: SKF Edge shaft seals HMS5 and HMSA10 combine an SKF-developed NBR compound with a rubber outside diameter according to ISO/DIN global design standards – primarily available in metric sizes.

F = SKF Flex: SKF Flex seals deliver heavy-duty performance in fully customizable sizes and features to fit and perform in the application.

S = Standard oil seal: SKF carries some older designs that do not have the modern advancements of the SKF Edge or SKF Wave lips, but may be adequate for some applications. Use these when SKF Edge or SKF Wave seals are not available in the size needed.

G = Grease seal: Oil seals can handle oil or grease applications, but grease seals do not have the garter spring needed for oil retention, so they are for grease only. Normally you point the lip away from grease if the main concern is water/dirt ingress, which also allows the grease to purge if needed.

Key features

- ▲ **WasteWatcher:** Indicates that the product is most likely to be in stock at our distributors and our own SKF warehouses. The CR Seals Waste-Watcher program helps distributors optimize seal inventories.
- **Bore-Tite:** Indicates the seal uses SKF Bore-Tite, a green, water-based acrylic sealant used as a coating on the outside diameter of the seal.
- ▣ **SS Case:** Indicates the seal has a stainless steel seal case.
- ◎ **SS Spring:** Indicates the seal has a stainless steel seal lip spring.
- ◆ **Pressure seal up to 50 psi:** Suitable for higher-pressure sealing applications; typical industrial shaft seals can handle only up to 5 or 10 psi.
- ◇ **Cover plate required:** Proper seal installation and operation requires a cover plate, which clamps down axially on an all-rubber seal to hold it in place in many large diameter seal applications.

skf.com/crseals

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SKF Speedi-Sleeve wear sleeves

The fastest way to an optimal sealing surface

To seal effectively, rotary shaft seals need to run against a smooth, round shaft surface. If that surface becomes worn, the seal will no longer be able to perform its key function: retaining lubricants and excluding contaminants.

Typically, a shaft surface will become scored when a contaminant particle is caught under the sealing lip and grinds against the shaft as it rotates. As the scoring worsens, the seal will allow more contaminant ingress, eventually leading to a shaft and/or bearing malfunction.

Simply replacing the seal will not correct the problem; at this point the machine will require disassembly to remove the shaft and grind it down until it is within specification. Otherwise, the sealing system will not function properly.

SKF Speedi-Sleeve wear sleeves offer a proven solution for repairing worn shafts, without the need to disassemble and re-machine the shaft, or specify a different size replacement seal. For OEMs, installing SKF Speedi-Sleeve wear sleeves eliminates the need to finish-machine, grind and harden the shaft – with SKF Speedi-Sleeve, rough machining is all that is required. In many cases, SKF Speedi-Sleeve provides a seal running surface that's superior to what can be achieved on a shaft.

A new generation of performance

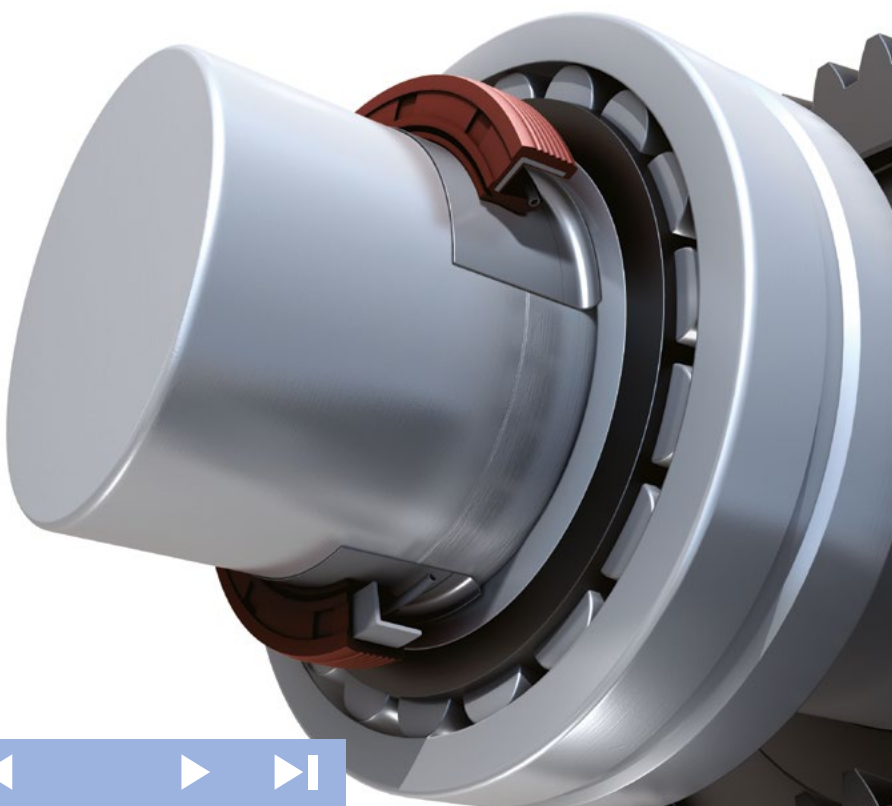
The new generation of SKF Speedi-Sleeve wear sleeves combines a proprietary stainless steel material and manufacturing process, resulting in an optimized surface that minimizes wear on both the sleeve and sealing lip. The proprietary stainless steel material provides increased strength and excellent ductility properties. Imperceptible lubricant pockets keep the lubricant on the sleeve, thereby preventing the excessive wear caused by dry running of the sealing lip.

The sleeves are thin-walled 0.011 in. (0.28 mm) and the wear-resistant contact surface is manufactured to minimize directionality ($0^\circ \pm 0.05$) with a finish of Ra 10 to 20 μm . (0.25 to 0.5 μm). As noted, this is a superior surface to what can often be achieved on a shaft.

Removable flange

To help simplify installation SKF Speedi-Sleeve has a removable flange (\rightarrow fig. 1). For most installations the flange can be left intact, but in applications where the flange will interfere with other system components, it should be removed to prevent excessive friction, heat and wear debris. The flange should also be removed in applications where it may reduce the supply of lubricant to the seal, as this would reduce the cooling effect of the lubricant and result in elevated, underlip temperatures and premature aging of the seal.

If the flange must be removed, it should be cut from the outside diameter into the radius in one location prior to installation. The flange can then be twisted and raised up after installation and grasped with a pair of pliers and twisted into a coil.





SKF Speedi-Sleeve Gold

For highly abrasive applications, the new generation of SKF Speedi-Sleeve is also available in the Gold version. A thin, metallic coating applied to the base stainless steel imparts a gold color and significantly increases durability. SKF Speedi-Sleeve Gold is particularly effective in environments where there are abrasive contaminants, especially when combined with a seal manufactured from the SKF FKM material SKF Duralife. This sealing system solution lasted 2,500 hours in a contamination test.

The installation procedure is common to both SKF Speedi-Sleeve designs and the original seal size can still be used. All sleeves listed in the following product tables can be manufactured as SKF Speedi-Sleeve Gold.

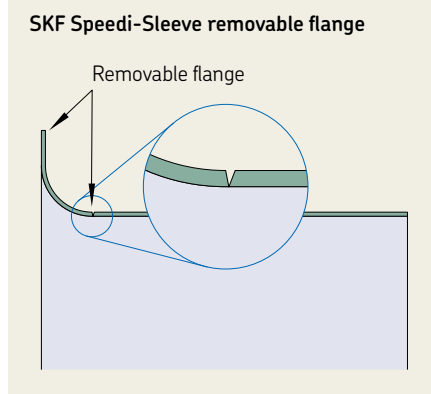
Available size range

The standard size range covers sleeves for shaft diameters from 0.472 to 8 in. (11,99 to 203,33 mm). Depending on production quantities, non-standard sizes can be manufactured (for additional information, contact SKF). Each sleeve is designed to fit a specific shaft range, usually above and below the nominal shaft diameter. This permits some flexibility to accommodate variations in the actual shaft diameter.

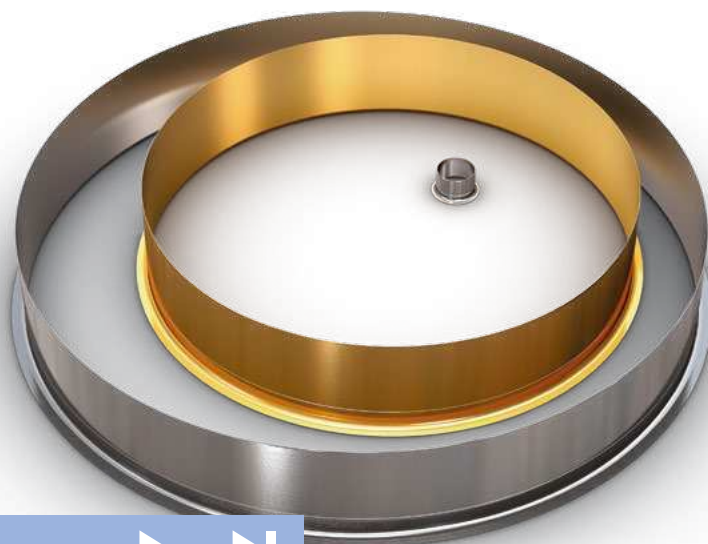
Selecting the sleeve size

To determine the appropriate sleeve size, the shaft must be carefully cleaned first. The diameter of an undamaged section of the shaft surface should then be measured on at least three different planes. The arithmetical mean of these measurements determines the size of the required SKF Speedi-Sleeve. If the value lies within the permissible range listed in the product table for the shaft diameter d_1 , the selected SKF Speedi-Sleeve will provide an adequately tight fit on the shaft and will not require an adhesive.

Figure 1

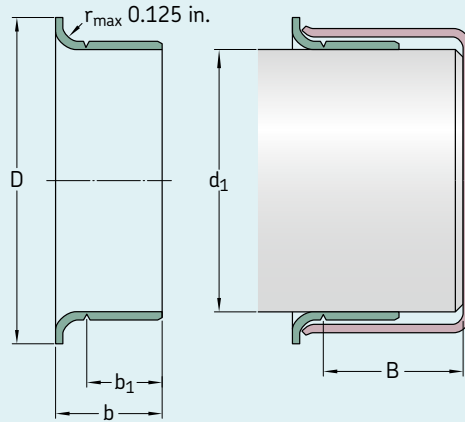


SKF Speedi-Sleeve new generation, Gold version



The standard size range covers sleeves for shaft diameters from 0.472 to 8 in. (11.99 to 203.33 mm)



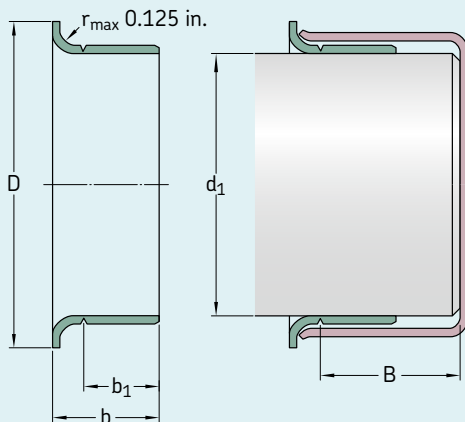


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
12 mm	99049	STD	0.469	0.473	0.236	0.331	0.610	1.875
0.500 in.	99050	STD	0.498	0.502	0.250	0.344	0.610	2.000
14 mm	99055	STD	0.547	0.551	0.250	0.390	0.750	1.831
0.563 in.	99056	STD	0.560	0.564	0.250	0.391	0.750	1.831
15 mm	99059	STD	0.589	0.593	0.197	0.354	0.750	1.862
0.625 in.	99062	STD	0.623	0.627	0.313	0.406	0.750	2.000
0.625 in.	99810	GOLD	0.623	0.627	0.313	0.406	0.750	2.000
16 mm	99058	STD	0.626	0.630	0.313	0.437	0.718	2.000
17 mm	99068	STD	0.667	0.671	0.315	0.433	0.875	2.000
0.684 in.	99060	STD	0.682	0.686	0.313	0.438	0.900	2.000
18 mm	99082	STD	0.704	0.708	0.315	0.433	0.962	1.811
0.750 in.	99076	STD	0.748	0.752	0.313	0.438	0.945	2.000
0.750 in.	99811	GOLD	0.748	0.752	0.313	0.438	0.945	2.000
0.760 in.	99081	STD	0.759	0.763	0.313	0.438	0.938	2.000
0.781 in.	99080	STD	0.780	0.784	0.313	0.438	0.935	2.000
20 mm	99075	STD	0.782	0.786	0.339	0.437	0.930	1.875
20 mm	99078	STD	0.785	0.789	0.315	0.433	0.930	2.000
0.813 in.	99083	STD	0.811	0.815	0.375	0.563	1.188	3.000
0.859 in.	99086	STD	0.857	0.861	0.250	0.375	1.155	2.000
22 mm	99084	STD	0.861	0.865	0.259	0.358	1.188	1.856
22 mm	99085	STD	0.861	0.865	0.315	0.472	1.188	1.812
0.875 in.	99812	GOLD	0.873	0.877	0.313	0.438	1.094	2.000
0.875 in.	99087	STD	0.873	0.877	0.313	0.438	1.094	2.000
0.875 in.	99087	STD	0.873	0.877	0.313	0.438	1.094	2.000
0.910 in.	99091	STD	0.908	0.912	0.313	0.438	1.218	1.847
0.910 in.	99860	GOLD	0.908	0.912	0.313	0.438	1.218	1.847
24 mm	99092	STD	0.940	0.944	0.313	0.437	1.130	2.000
0.969 in.	99094	STD	0.966	0.970	0.313	0.438	1.130	2.000
0.969 in.	99096	STD	0.966	0.970	0.625	0.719	1.130	2.000
25 mm	99098	STD	0.982	0.986	0.313	0.433	1.300	2.000
25 mm	99813	GOLD	0.982	0.986	0.313	0.433	1.300	2.000
1.000 in.	99868	STD	0.998	1.003	0.313	0.438	1.219	2.000
1.000 in.	99814	GOLD	0.998	1.003	0.313	0.438	1.219	2.000
26 mm	99103	STD	1.019	1.024	0.315	0.472	1.313	1.813
1.063 in. or 27 mm	99106	STD	1.060	1.065	0.313	0.438	1.320	1.843
1.063 in. or 27 mm	99815	GOLD	1.060	1.065	0.313	0.438	1.320	1.843
1.089 in.	99108	STD	1.087	1.092	0.313	0.438	1.406	0.625
28 mm	99111	STD	1.100	1.105	0.375	0.500	1.378	1.843
28 mm	99866	GOLD	1.100	1.105	0.375	0.500	1.378	1.843
1.125 in.	99112	STD	1.123	1.128	0.313	0.438	1.500	0.688
1.125 in.	99816	GOLD	1.123	1.128	0.313	0.438	1.500	0.688
1.125 in.	99116	STD	1.123	1.128	0.375	0.500	1.500	0.688
1.156 in.	99120	STD	1.154	1.159	0.375	0.500	1.350	0.688
1.175 in.	99122	STD	1.173	1.178	0.313	0.438	1.400	0.688
30 mm	99114	STD	1.179	1.184	0.315	0.433	1.400	0.688
1.188 in.	99118	STD	1.185	1.190	0.313	0.438	1.400	0.688
31 mm	99123	STD	1.216	1.221	0.313	0.433	1.563	0.625
1.240 in.	99141	STD	1.237	1.243	0.315	0.438	1.540	0.688

Green shading = inch blue shading = metric gray shading = both

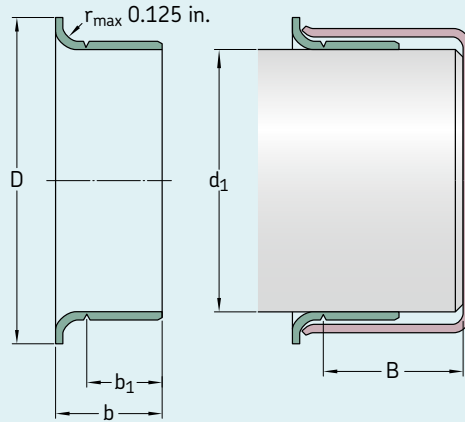




Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
11.91	12.01	6.0	8.4	15.5	47.6	STD	99049	12 mm
12.65	12.75	6.4	8.7	15.5	50.8	STD	99050	0.500 in.
13.89	14.00	6.4	9.9	19.1	46.5	STD	99055	14 mm
14.22	14.33	6.4	9.9	19.1	46.5	STD	99056	0.563 in.
14.96	15.06	5.0	9.0	19.1	47.3	STD	99059	15 mm
15.82	15.93	8.0	10.3	19.1	50.8	STD	99062	0.625 in.
15.82	15.93	8.0	10.3	19.1	50.8	GOLD	99810	0.625 in.
15.90	16.00	8.0	11.1	18.2	50.8	STD	99058	16 mm
16.94	17.04	8.0	11.0	22.2	50.8	STD	99068	17 mm
17.32	17.42	8.0	11.1	22.9	50.8	STD	99060	0.684 in.
17.88	17.98	8.0	11.0	24.4	46.0	STD	99082	18 mm
19.00	19.10	8.0	11.1	24.0	50.8	STD	99076	0.750 in.
19.00	19.10	8.0	11.1	24.0	50.8	GOLD	99811	0.750 in.
19.28	19.38	8.0	11.1	23.8	50.8	STD	99081	0.760 in.
19.81	19.91	8.0	11.1	23.8	50.8	STD	99080	0.781 in.
19.86	19.96	8.6	11.1	23.6	47.6	STD	99075	20 mm
19.94	20.04	8.0	11.0	23.6	50.8	STD	99078	20 mm
20.60	20.70	9.5	14.3	30.2	76.2	STD	99083	0.813 in.
21.77	21.87	6.4	9.5	29.3	50.8	STD	99086	0.859 in.
21.87	21.97	6.6	9.1	30.2	47.1	STD	99084	22 mm
21.87	21.97	8.0	12.0	30.2	46.0	STD	99085	22 mm
22.17	22.28	8.0	11.1	27.8	50.8	GOLD	99812	0.875 in.
22.17	22.28	8.0	11.1	27.8	50.8	STD	99087	0.875 in.
22.17	22.28	8.0	11.1	27.8	50.8	STD	99087	0.875 in.
23.06	23.16	8.0	11.1	30.9	46.9	STD	99091	0.910 in.
23.06	23.16	8.0	11.1	30.9	46.9	GOLD	99860	0.910 in.
23.88	23.98	8.0	11.1	28.7	50.8	STD	99092	24 mm
24.54	24.64	8.0	11.1	28.7	50.8	STD	99094	0.969 in.
24.54	24.64	15.9	18.3	28.7	50.8	STD	99096	0.969 in.
24.94	25.04	8.0	11.0	33.0	50.8	STD	99098	25 mm
24.94	25.04	8.0	11.0	33.0	50.8	GOLD	99813	25 mm
25.35	25.48	8.0	11.1	31.0	50.8	STD	99868	1.000 in.
25.35	25.48	8.0	11.1	31.0	50.8	GOLD	99814	1.000 in.
25.88	26.01	8.0	12.0	33.4	46.1	STD	99103	26 mm
26.92	27.05	8.0	11.1	33.5	46.8	STD	99106	1.063 in. or 27 mm
26.92	27.05	8.0	11.1	33.5	46.8	GOLD	99815	1.063 in. or 27 mm
27.61	27.74	8.0	11.1	35.7	15.9	STD	99108	1.089 in.
27.94	28.07	9.5	12.7	35.0	46.8	STD	99111	28 mm
27.94	28.07	9.5	12.7	35.0	46.8	GOLD	99866	28 mm
28.52	28.65	8.0	11.1	38.1	17.5	STD	99112	1.125 in.
28.52	28.65	8.0	11.1	38.1	17.5	GOLD	99816	1.125 in.
28.52	28.65	9.5	12.7	38.1	17.5	STD	99116	1.125 in.
29.31	29.44	9.5	12.7	34.3	17.5	STD	99120	1.156 in.
29.79	29.92	8.0	11.1	35.6	17.5	STD	99122	1.175 in.
29.95	30.07	8.0	11.0	35.6	17.5	STD	99114	30 mm
30.10	30.23	8.0	11.1	35.6	17.5	STD	99118	1.188 in.
30.89	31.01	8.0	11.0	39.7	15.9	STD	99123	31 mm
31.42	31.57	8.0	11.1	39.1	17.5	STD	99141	1.240 in.



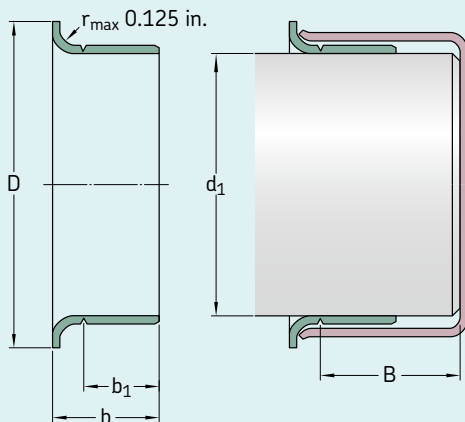


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
1.250 in.	99125	STD	1.247	1.253	0.313	0.438	1.500	0.688
1.250 in.	99817	GOLD	1.247	1.253	0.313	0.438	1.500	0.688
32 mm	99128	STD	1.257	1.263	0.315	0.437	1.500	0.688
32 mm	99876	GOLD	1.257	1.263	0.315	0.437	1.500	0.688
33 mm	99121	STD	1.293	1.299	0.591	0.709	1.594	1.000
1.313 in.	99129	STD	1.308	1.314	0.250	0.374	1.600	0.813
1.313 in.	99131	STD	1.310	1.316	0.500	0.625	1.594	0.813
34 mm	99134	STD	1.333	1.339	0.500	0.626	1.625	0.813
1.375 in.	99133	STD	1.371	1.377	0.313	0.438	1.638	0.813
1.375 in.	99138	STD	1.371	1.377	0.500	0.625	1.638	0.813
1.375 in.	99819	GOLD	1.371	1.377	0.500	0.625	1.638	0.813
35 mm	99139	STD	1.375	1.381	0.512	0.630	1.638	0.813
35 mm	99820	GOLD	1.375	1.381	0.512	0.630	1.638	0.813
36 mm	99146	STD	1.411	1.417	0.512	0.669	1.781	0.984
1.435 in.	99821	GOLD	1.432	1.438	0.563	0.688	1.781	1.016
1.435 in.	99143	STD	1.432	1.438	0.563	0.688	1.781	1.016
1.438 in.	99144	STD	1.435	1.441	0.375	0.500	1.781	1.016
38 mm	99147	STD	1.490	1.496	0.512	0.669	1.781	0.984
1.500 in.	99150	STD	1.497	1.503	0.375	0.500	1.781	1.016
1.500 in.	99823	GOLD	1.497	1.503	0.375	0.500	1.781	1.016
1.500 in.	99149	STD	1.497	1.503	0.563	0.688	1.781	1.016
1.500 in.	99822	GOLD	1.497	1.503	0.563	0.688	1.781	1.016
1.523 in.	99152	STD	1.520	1.526	0.438	0.563	1.859	1.016
1.552 in.	99155	STD	1.549	1.555	0.438	0.563	1.859	1.016
1.562 in.	99156	STD	1.559	1.565	0.563	0.688	1.859	1.016
1.563 in.	99824	GOLD	1.559	1.565	0.563	0.688	1.859	1.016
1.569 in.	99159	STD	1.566	1.572	0.625	0.750	1.859	1.016
40 mm	99153	STD	1.567	1.573	0.390	0.509	1.850	1.000
40 mm	99825	GOLD	1.569	1.575	0.512	0.630	1.850	1.023
40 mm	99157	STD	1.572	1.578	0.512	0.630	1.850	1.023
1.605 in.	99160	STD	1.602	1.608	0.500	0.641	1.938	1.000
41 mm	99163	STD	1.608	1.614	0.500	0.625	1.938	1.016
1.625 in.	99161	STD	1.622	1.628	0.313	0.438	1.875	1.016
1.625 in.	99162	STD	1.622	1.628	0.563	0.688	1.875	0.813
1.625 in.	99826	GOLD	1.622	1.628	0.563	0.688	1.875	0.813
42 mm	99166	STD	1.647	1.653	0.445	0.571	2.087	0.846
42 mm	99169	STD	1.647	1.653	0.563	0.689	2.087	0.827
1.656 in.	99165	STD	1.653	1.659	0.550	0.689	2.087	0.827
1.688 in.	99168	STD	1.684	1.690	0.563	0.688	1.906	0.875
1.688 in.	99167	STD	1.685	1.691	0.313	0.438	1.906	0.875
43 mm	99182	STD	1.687	1.693	0.500	0.625	1.906	0.844
1.718 in.	99171	STD	1.715	1.721	0.563	0.688	2.031	0.813
1.739 in.	99170	STD	1.736	1.742	0.375	0.500	2.063	0.813
1.750 in.	99172	STD	1.747	1.753	0.375	0.500	2.055	0.813
1.750 in.	99180	STD	1.747	1.753	0.531	0.625	2.063	0.878
1.750 in.	99174	STD	1.747	1.753	0.563	0.688	2.063	0.813
1.750 in.	99827	GOLD	1.747	1.753	0.563	0.688	2.063	0.813
1.750 in.	99175	STD	1.747	1.753	0.750	0.875	2.063	0.813

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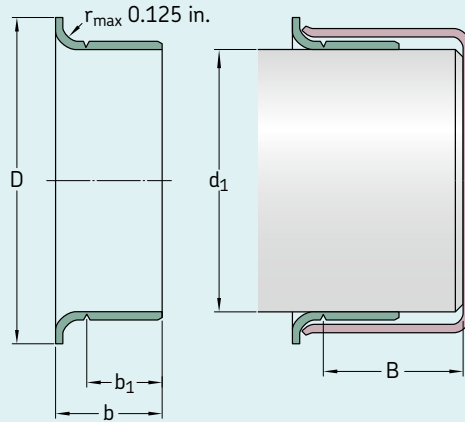




Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
31.67	31.83	8.0	11.1	38.1	17.5	STD	99125	1.250 in.
31.67	31.83	8.0	11.1	38.1	17.5	GOLD	99817	1.250 in.
31.93	32.08	8.0	11.1	38.1	17.5	STD	99128	32 mm
31.93	32.08	8.0	11.1	38.1	17.5	GOLD	99876	32 mm
32.84	32.99	15.0	18.0	40.5	25.4	STD	99121	33 mm
33.22	33.38	6.4	9.5	40.6	20.7	STD	99129	1.313 in.
33.27	33.43	12.7	15.9	40.5	20.7	STD	99131	1.313 in.
33.86	34.01	12.7	15.9	41.3	20.7	STD	99134	34 mm
34.82	34.98	8.0	11.1	41.6	20.7	STD	99133	1.375 in.
34.82	34.98	12.7	15.9	41.6	20.7	STD	99138	1.375 in.
34.82	34.98	12.7	15.9	41.6	20.7	GOLD	99819	1.375 in.
34.93	35.08	13.0	16.0	41.6	20.7	STD	99139	35 mm
34.93	35.08	13.0	16.0	41.6	20.7	GOLD	99820	35 mm
35.84	35.99	13.0	17.0	45.2	25.0	STD	99146	36 mm
36.37	36.53	14.3	17.5	45.2	25.8	GOLD	99821	1.435 in.
36.37	36.53	14.3	17.5	45.2	25.8	STD	99143	1.435 in.
36.45	36.60	9.5	12.7	45.2	25.8	STD	99144	1.438 in.
37.85	38.00	13.0	17.0	45.2	25.0	STD	99147	38 mm
38.02	38.18	9.5	12.7	45.2	25.8	STD	99150	1.500 in.
38.02	38.18	9.5	12.7	45.2	25.8	GOLD	99823	1.500 in.
38.02	38.18	14.3	17.5	45.2	25.8	STD	99149	1.500 in.
38.02	38.18	14.3	17.5	45.2	25.8	GOLD	99822	1.500 in.
38.61	38.76	11.1	14.3	47.2	25.8	STD	99152	1.523 in.
39.34	39.50	11.1	14.3	47.2	25.8	STD	99155	1.552 in.
39.60	39.75	14.3	17.5	47.2	25.8	STD	99156	1.562 in.
39.60	39.75	14.3	17.5	47.2	25.8	GOLD	99824	1.563 in.
39.78	39.93	15.9	19.1	47.2	25.8	STD	99159	1.569 in.
39.81	39.96	9.9	12.9	47.0	25.4	STD	99153	40 mm
39.85	40.01	13.0	16.0	47.0	26.0	GOLD	99825	40 mm
39.93	40.08	13.0	16.0	47.0	26.0	STD	99157	40 mm
40.69	40.84	12.7	16.3	49.2	25.4	STD	99160	1.605 in.
40.84	41.00	12.7	15.9	49.2	25.8	STD	99163	41 mm
41.20	41.35	8.0	11.1	47.6	25.8	STD	99161	1.625 in.
41.20	41.35	14.3	17.5	47.6	20.7	STD	99162	1.625 in.
41.20	41.35	14.3	17.5	47.6	20.7	GOLD	99826	1.625 in.
41.83	41.99	11.3	14.5	53.0	21.5	STD	99166	42 mm
41.83	41.99	14.3	17.5	53.0	21.0	STD	99169	42 mm
41.99	42.14	14.0	17.5	53.0	21.0	STD	99165	1.656 in.
42.77	42.93	14.3	17.5	48.4	22.2	STD	99168	1.688 in.
42.80	42.95	8.0	11.1	48.4	22.2	STD	99167	1.688 in.
42.85	43.00	12.7	15.9	48.4	21.4	STD	99182	43 mm
43.56	43.71	14.3	17.5	51.6	20.7	STD	99171	1.718 in.
44.09	44.25	9.5	12.7	52.4	20.7	STD	99170	1.739 in.
44.37	44.53	9.5	12.7	52.2	20.7	STD	99172	1.750 in.
44.37	44.53	13.5	15.9	52.4	22.3	STD	99180	1.750 in.
44.37	44.53	14.3	17.5	52.4	20.7	STD	99174	1.750 in.
44.37	44.53	14.3	17.5	52.4	20.7	GOLD	99827	1.750 in.
44.37	44.53	19.1	22.2	52.4	20.7	STD	99175	1.750 in.



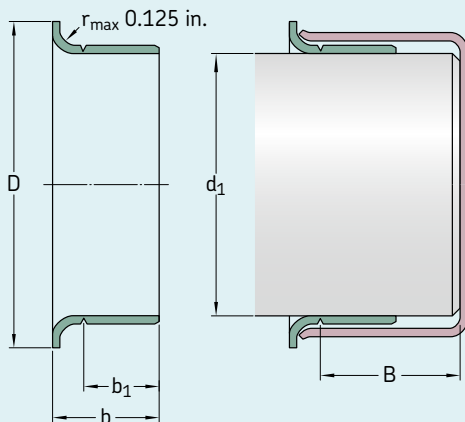


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
1.750 in.	99828	GOLD	1.747	1.753	0.750	0.875	2.063	0.813
1.764 in.	99176	STD	1.761	1.767	0.563	0.688	2.063	0.813
1.764 in.	99829	GOLD	1.761	1.767	0.563	0.688	2.063	0.813
45 mm	99177	STD	1.769	1.775	0.551	0.669	2.087	0.812
45 mm	99830	GOLD	1.769	1.775	0.551	0.669	2.087	0.812
1.781 in.	99179	STD	1.778	1.784	0.664	0.800	2.125	1.062
1.813 in.	99181	STD	1.809	1.815	0.563	0.688	2.090	1.000
1.813 in.	99831	GOLD	1.809	1.815	0.563	0.688	2.090	1.000
1.860 in.	99185	STD	1.857	1.863	0.563	0.688	2.156	1.000
1.869 in.	99186	STD	1.866	1.872	0.889	1.025	2.188	1.000
1.875 in.	99190	STD	1.872	1.878	0.175	0.295	2.203	0.744
1.875 in.	99188	STD	1.872	1.878	0.295	0.415	2.203	0.744
1.875 in.	99184	STD	1.872	1.878	0.375	0.516	2.203	1.050
1.875 in.	99187	STD	1.872	1.878	0.563	0.688	2.203	1.000
1.875 in.	99832	GOLD	1.872	1.878	0.563	0.688	2.203	1.000
48 mm	99189	STD	1.887	1.893	0.551	0.668	2.205	0.984
1.912 in.	99192	STD	1.909	1.915	0.375	0.500	2.219	1.000
1.938 in.	99193	STD	1.934	1.940	0.563	0.688	2.219	1.000
1.938 in.	99833	GOLD	1.934	1.940	0.563	0.688	2.219	1.000
50 mm	99196	STD	1.965	1.971	0.551	0.668	2.244	0.984
50 mm	99052	STD	1.965	1.971	0.551	0.668	2.224	1.350
1.980 in.	99198	STD	1.977	1.983	0.563	0.704	2.313	1.050
2.000 in.	99834	GOLD	1.997	2.003	0.563	0.688	2.406	1.006
2.000 in.	99199	STD	1.997	2.003	0.563	0.688	2.406	1.000
2.000 in.	99200	STD	1.997	2.003	0.875	1.000	2.406	1.000
2.000 in.	99835	GOLD	1.997	2.003	0.875	1.000	2.406	1.000
52 mm	99878	STD	2.040	2.046	0.500	0.625	2.469	1.359
2.063 in.	99205	STD	2.057	2.063	0.781	0.938	2.469	1.375
2.125 in.	99210	STD	2.123	2.129	0.500	0.750	2.422	1.281
2.125 in.	99212	STD	2.124	2.130	0.781	0.938	2.422	1.375
2.125 in.	99836	GOLD	2.124	2.130	0.781	0.938	2.422	1.375
55 mm	99215	STD	2.162	2.168	0.787	0.905	2.441	1.250
55 mm	99863	GOLD	2.162	2.168	0.787	0.905	2.441	1.250
2.188 in.	99218	STD	2.186	2.192	0.781	0.938	2.500	1.313
56 mm	99224	STD	2.198	2.205	0.779	0.936	2.531	3.150
56 mm	99220	STD	2.198	2.204	0.500	0.625	2.531	1.313
2.230 in.	99861	GOLD	2.227	2.233	0.500	0.625	2.531	1.313
2.230 in.	99229	STD	2.227	2.233	0.500	0.625	2.531	1.313
2.230 in.	99230	STD	2.227	2.233	0.781	0.906	2.531	1.250
2.240 in.	99226	STD	2.237	2.243	0.764	0.900	2.563	1.250
2.250 in.	99227	STD	2.249	2.255	0.313	0.438	2.531	1.313
2.250 in.	99838	GOLD	2.249	2.255	0.313	0.438	2.531	1.313
2.250 in.	99225	STD	2.249	2.255	0.781	0.938	2.531	1.313
2.250 in.	99837	GOLD	2.249	2.255	0.781	0.938	2.531	1.313
58 mm	99219	STD	2.280	2.286	0.787	0.938	2.598	1.375
2.313 in.	99231	STD	2.309	2.315	0.781	0.938	2.688	1.375
2.330 in.	99233	STD	2.327	2.333	0.750	0.875	2.750	1.500
60 mm	99241	STD	2.359	2.365	0.370	0.450	2.785	1.471

Green shading = inch blue shading = metric gray shading = both

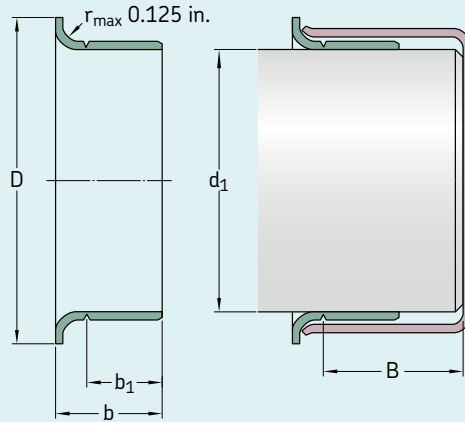




Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
44.37	44.53	19.1	22.2	52.4	20.7	GOLD	99828	1.750 in.
44.73	44.88	14.3	17.5	52.4	20.7	STD	99176	1.764 in.
44.73	44.88	14.3	17.5	52.4	20.7	GOLD	99829	1.764 in.
44.93	45.09	14.0	17.0	53.0	20.6	STD	99177	45 mm
44.93	45.09	14.0	17.0	53.0	20.6	GOLD	99830	45 mm
45.16	45.31	16.9	20.3	54.0	27.0	STD	99179	1.781 in.
45.95	46.10	14.3	17.5	53.1	25.4	GOLD	99831	1.813 in.
47.17	47.32	14.3	17.5	54.8	25.4	STD	99185	1.860 in.
47.40	47.55	22.6	26.0	55.6	25.4	STD	99186	1.869 in.
47.55	47.70	4.5	7.5	56.0	18.9	STD	99190	1.875 in.
47.55	47.70	7.5	10.5	56.0	18.9	STD	99188	1.875 in.
47.55	47.70	9.5	13.1	56.0	26.7	STD	99184	1.875 in.
47.55	47.70	14.3	17.5	56.0	25.4	STD	99187	1.875 in.
47.55	47.70	14.3	17.5	56.0	25.4	GOLD	99832	1.875 in.
47.93	48.08	14.0	17.0	56.0	25.0	STD	99189	48 mm
48.49	48.64	9.5	12.7	56.4	25.4	STD	99192	1.912 in.
49.12	49.28	14.3	17.5	56.4	25.4	STD	99193	1.938 in.
49.12	49.28	14.3	17.5	56.4	25.4	GOLD	99833	1.938 in.
49.91	50.06	14.0	17.0	57.0	25.0	STD	99196	50 mm
49.91	50.06	14.0	17.0	56.5	34.3	STD	99052	50 mm
50.22	50.37	14.3	17.9	58.8	26.7	STD	99198	1.980 in.
50.72	50.88	14.3	17.5	61.1	25.6	GOLD	99834	2.000 in.
50.72	50.88	14.3	17.5	61.1	25.4	STD	99199	2.000 in.
50.72	50.88	22.2	25.4	61.1	25.4	STD	99200	2.000 in.
50.72	50.88	22.2	25.4	61.1	25.4	GOLD	99835	2.000 in.
51.82	51.97	12.7	15.9	62.7	34.5	STD	99878	52 mm
52.25	52.40	19.8	23.8	62.7	34.9	STD	99205	2.063 in.
53.92	54.08	12.7	19.1	61.5	32.5	STD	99210	2.125 in.
53.95	54.10	19.8	23.8	61.5	34.9	STD	99212	2.125 in.
53.95	54.10	19.8	23.8	61.5	34.9	GOLD	99836	2.125 in.
54.91	55.07	20.0	23.0	62.0	31.8	STD	99215	55 mm
54.91	55.07	20.0	23.0	62.0	31.8	GOLD	99863	55 mm
55.52	55.68	19.8	23.8	63.5	33.4	STD	99218	2.188 in.
55.83	56.01	19.8	23.8	64.3	80.0	STD	99224	56 mm
55.83	55.98	12.7	15.9	64.3	33.4	STD	99220	56 mm
56.57	56.72	12.7	15.9	64.3	33.4	GOLD	99861	2.230 in.
56.57	56.72	12.7	15.9	64.3	33.4	STD	99229	2.230 in.
56.57	56.72	19.8	23.0	64.3	31.8	STD	99230	2.230 in.
56.82	56.97	19.4	22.9	65.1	31.8	STD	99226	2.240 in.
57.12	57.28	8.0	11.1	64.3	33.4	STD	99227	2.250 in.
57.12	57.28	8.0	11.1	64.3	33.4	GOLD	99838	2.250 in.
57.12	57.28	19.8	23.8	64.3	33.4	STD	99225	2.250 in.
57.12	57.28	19.8	23.8	64.3	33.4	GOLD	99837	2.250 in.
57.91	58.06	20.0	23.8	66.0	34.9	STD	99219	58 mm
58.65	58.80	19.8	23.8	68.3	34.9	STD	99231	2.313 in.
59.11	59.26	19.1	22.2	69.9	38.1	STD	99233	2.330 in.
59.92	60.07	9.4	11.4	70.7	37.4	STD	99241	60 mm



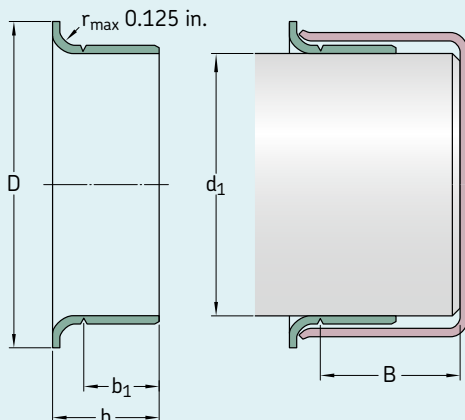


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
60 mm	99235	STD	2.359	2.365	0.787	0.905	2.785	1.375
60 mm	99869	GOLD	2.359	2.365	0.787	0.906	2.785	1.375
2.375 in.	99238	STD	2.372	2.378	0.594	0.750	2.750	1.375
2.375 in.	99240	STD	2.374	2.380	0.526	0.683	2.750	1.375
2.375 in.	99237	STD	2.374	2.380	0.781	0.938	2.750	1.375
2.375 in.	99839	GOLD	2.374	2.380	0.781	0.938	2.750	1.375
62 mm	99244	STD	2.434	2.440	0.500	0.625	2.828	1.425
2.438 in.	99243	STD	2.434	2.440	0.781	0.938	2.828	1.393
2.438 in.	99242	STD	2.435	2.441	0.500	0.625	2.828	1.425
2.492 in.	99249	STD	2.489	2.495	0.781	0.938	2.875	1.393
2.500 in.	99253	STD	2.497	2.504	0.555	0.650	2.820	0.890
2.500 in.	99248	STD	2.500	2.507	0.500	0.656	2.828	1.393
2.500 in.	99250	STD	2.500	2.507	0.781	0.938	2.820	1.375
2.500 in.	99840	GOLD	2.500	2.507	0.781	0.938	2.820	1.375
2.513 in.	99251	STD	2.510	2.517	0.781	0.906	2.828	1.438
65 mm	99254	STD	2.556	2.563	0.787	0.905	2.850	1.375
65 mm	99841	GOLD	2.556	2.563	0.787	0.905	2.850	1.375
2.563 in.	99256	STD	2.560	2.567	0.781	0.938	2.891	1.375
66 mm	99259	STD	2.595	2.602	0.781	0.938	2.990	1.250
2.621 in.	99261	STD	2.618	2.625	0.781	0.938	3.047	1.375
2.625 in.	99264	STD	2.621	2.628	0.781	0.906	3.047	1.375
2.625 in.	99260	STD	2.622	2.629	0.500	0.625	3.047	1.375
2.628 in.	99262	STD	2.625	2.632	0.781	0.938	3.047	1.375
2.628 in.	99842	GOLD	2.625	2.632	0.781	0.938	3.047	1.375
68 mm	99266	STD	2.670	2.677	0.750	0.875	3.125	1.688
2.730 in.	99268	STD	2.727	2.734	0.781	0.906	3.125	1.313
2.743 in.	99273	STD	2.740	2.747	0.781	0.938	3.065	1.250
2.748 in.	99274	STD	2.745	2.752	0.781	0.938	3.125	1.250
2.748 in.	99843	GOLD	2.745	2.752	0.781	0.938	3.125	1.250
2.750 in.	99267	STD	2.747	2.754	1.438	1.625	3.075	1.625
70 mm	99269	STD	2.747	2.754	1.125	1.250	3.125	1.312
70 mm	99272	STD	2.750	2.757	0.406	0.563	3.125	1.250
70 mm	99275	STD	2.750	2.757	0.781	0.938	3.125	1.250
70 mm	99844	GOLD	2.750	2.757	0.781	0.938	3.125	1.250
70 mm	99276	STD	2.753	2.760	0.787	0.945	3.125	1.250
2.813 in.	99281	STD	2.809	2.816	0.594	0.688	3.188	1.250
72 mm	99284	STD	2.828	2.835	0.750	0.875	3.225	1.343
72 mm	99870	GOLD	2.828	2.835	0.750	0.875	3.225	1.343
2.841 in.	99282	STD	2.838	2.845	0.500	0.656	3.225	1.250
2.841 in.	99845	GOLD	2.838	2.845	0.500	0.656	3.225	1.250
2.869 in.	99286	STD	2.866	2.873	0.781	0.938	3.188	1.250
2.875 in.	99287	STD	2.873	2.880	0.781	0.938	3.219	1.250
2.875 in.	99846	GOLD	2.873	2.880	0.781	0.938	3.219	1.250
2.938 in.	99293	STD	2.937	2.944	0.781	0.938	3.344	1.313
2.938 in.	99290	STD	2.937	2.944	0.500	0.641	3.344	1.331
2.938 in.	99847	GOLD	2.937	2.944	0.781	0.938	3.344	1.313
75 mm	99289	STD	2.950	2.957	0.594	0.690	3.273	1.083
75 mm	99294	STD	2.950	2.957	0.866	1.024	3.305	1.313

Green shading = inch blue shading = metric gray shading = both

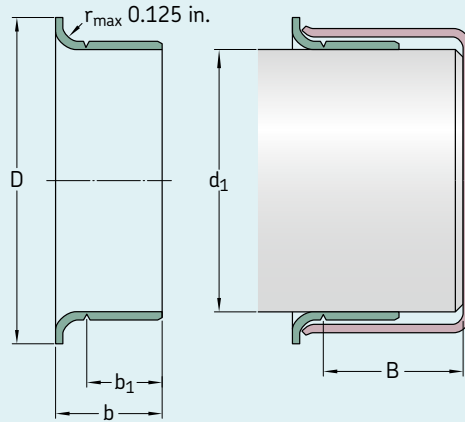




Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
59.92	60.07	20.0	23.0	70.7	34.9	STD	99235	60 mm
59.92	60.07	20.0	23.0	70.7	34.9	GOLD	99869	60 mm
60.25	60.40	15.1	19.1	69.9	34.9	STD	99238	2.375 in.
60.30	60.45	13.4	17.4	69.9	34.9	STD	99240	2.375 in.
60.30	60.45	19.8	23.8	69.9	34.9	STD	99237	2.375 in.
60.30	60.45	19.8	23.8	69.9	34.9	GOLD	99839	2.375 in.
61.82	61.98	12.7	15.9	71.8	36.2	STD	99244	62 mm
61.82	61.98	19.8	23.8	71.8	35.4	STD	99243	2.438 in.
61.85	62.00	12.7	15.9	71.8	36.2	STD	99242	2.438 in.
63.22	63.37	19.8	23.8	73.0	35.4	STD	99249	2.492 in.
63.42	63.60	14.1	16.5	71.6	22.6	STD	99253	2.500 in.
63.50	63.68	12.7	16.7	71.8	35.4	STD	99248	2.500 in.
63.50	63.68	19.8	23.8	71.6	34.9	STD	99250	2.500 in.
63.50	63.68	19.8	23.8	71.6	34.9	GOLD	99840	2.500 in.
63.75	63.93	19.8	23.0	71.8	36.5	STD	99251	2.513 in.
64.92	65.10	20.0	23.0	72.4	34.9	STD	99254	65 mm
64.92	65.10	20.0	23.0	72.4	34.9	GOLD	99841	65 mm
65.02	65.20	19.8	23.8	73.4	34.9	STD	99256	2.563 in.
65.91	66.09	19.8	23.8	76.0	31.8	STD	99259	66 mm
66.50	66.68	19.8	23.8	77.4	34.9	STD	99261	2.621 in.
66.57	66.75	19.8	23.0	77.4	34.9	STD	99264	2.625 in.
66.60	66.78	12.7	15.9	77.4	34.9	STD	99260	2.625 in.
66.68	66.85	19.8	23.8	77.4	34.9	STD	99262	2.628 in.
66.68	66.85	19.8	23.8	77.4	34.9	GOLD	99842	2.628 in.
67.82	68.00	19.1	22.2	79.4	42.9	STD	99266	68 mm
69.27	69.44	19.8	23.0	79.4	33.4	STD	99268	2.730 in.
69.60	69.77	19.8	23.8	77.9	31.8	STD	99273	2.743 in.
69.72	69.90	19.8	23.8	79.4	31.8	STD	99274	2.748 in.
69.72	69.90	19.8	23.8	79.4	31.8	GOLD	99843	2.748 in.
69.77	69.95	36.5	41.3	78.1	41.3	STD	99267	2.750 in.
69.77	69.95	28.6	31.8	79.4	33.3	STD	99269	70 mm
69.85	70.03	10.3	14.3	79.4	31.8	STD	99272	70 mm
69.85	70.03	19.8	23.8	79.4	31.8	STD	99275	70 mm
69.85	70.03	19.8	23.8	79.4	31.8	GOLD	99844	70 mm
69.93	70.10	20.0	24.0	79.4	31.8	STD	99276	70 mm
71.35	71.53	15.1	17.5	81.0	31.8	STD	99281	2.813 in.
71.83	72.01	19.1	22.2	81.9	34.1	STD	99284	72 mm
71.83	72.01	19.1	22.2	81.9	34.1	GOLD	99870	72 mm
72.09	72.26	12.7	16.7	81.9	31.8	STD	99282	2.841 in.
72.09	72.26	12.7	16.7	81.9	31.8	GOLD	99845	2.841 in.
72.80	72.97	19.8	23.8	81.0	31.8	STD	99286	2.869 in.
72.97	73.15	19.8	23.8	81.8	31.8	STD	99287	2.875 in.
72.97	73.15	19.8	23.8	81.8	31.8	GOLD	99846	2.875 in.
74.60	74.78	19.8	23.8	84.9	33.4	STD	99293	2.938 in.
74.60	74.78	12.7	16.3	84.9	33.8	STD	99290	2.938 in.
74.60	74.78	19.8	23.8	84.9	33.4	GOLD	99847	2.938 in.
74.93	75.11	15.1	17.5	83.1	27.5	STD	99289	75 mm
74.93	75.11	22.0	26.0	84.0	33.4	STD	99294	75 mm



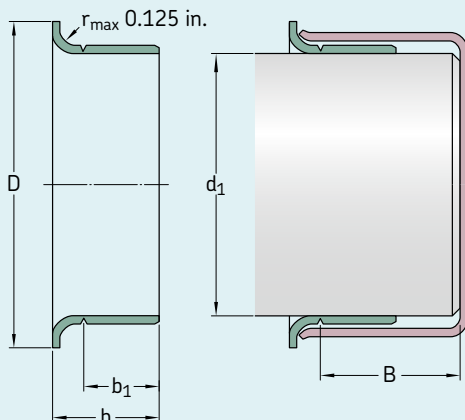


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
75 mm	99875	GOLD	2.950	2.957	0.866	1.024	3.305	1.313
2.974 in.	99292	STD	2.972	2.979	0.812	1.000	3.235	1.250
2.993 in.	99291	STD	2.990	2.997	0.484	0.625	3.359	1.331
2.993 in.	99298	STD	2.990	2.997	0.563	0.688	3.359	1.375
2.993 in.	99299	STD	2.990	2.997	0.813	1.000	3.350	1.281
3.000 in.	99296	STD	2.997	3.004	0.813	0.938	3.240	1.375
3.003 in.	99300	STD	3.000	3.007	0.813	1.000	3.235	1.281
3.003 in.	99048	STD	3.000	3.007	0.625	0.813	3.345	1.280
3.003 in.	99848	GOLD	3.000	3.007	0.813	1.000	3.235	1.281
3.011 in.	99301	STD	3.008	3.015	0.500	0.625	3.355	2.000
78 mm	99306	STD	3.064	3.071	0.750	0.875	3.468	2.056
3.125 in.	99311	STD	3.120	3.127	0.688	0.813	3.531	2.000
3.125 in.	99312	STD	3.120	3.127	0.813	1.000	3.531	2.000
3.125 in.	99849	GOLD	3.120	3.127	0.813	1.000	3.531	2.000
3.125 in.	99053	STD	3.124	3.131	0.551	0.709	3.525	2.031
80 mm	99313	STD	3.142	3.149	0.750	0.886	3.540	1.375
80 mm	99317	STD	3.146	3.153	0.433	0.591	3.543	1.375
80 mm	99315	STD	3.146	3.153	0.827	0.945	3.543	1.375
82 mm	99328	STD	3.225	3.232	0.660	0.848	3.585	1.750
3.250 in.	99322	STD	3.247	3.254	0.813	1.000	3.594	1.375
3.250 in.	99324	STD	3.250	3.257	0.595	0.719	3.575	1.375
3.250 in.	99850	GOLD	3.250	3.257	0.595	0.719	3.575	1.375
3.250 in.	99326	STD	3.250	3.257	0.688	0.875	3.585	1.250
3.250 in.	99325	STD	3.250	3.257	0.813	1.000	3.585	1.375
3.250 in.	99851	GOLD	3.250	3.257	0.813	1.000	3.585	1.375
3.310 in.	99331	STD	3.307	3.314	0.813	1.000	3.688	1.375
3.342 in.	99332	STD	3.337	3.344	0.669	0.827	3.700	1.378
3.342 in.	99333	STD	3.337	3.344	0.827	0.984	3.700	1.378
3.342 in.	99872	GOLD	3.337	3.344	0.827	0.984	3.700	1.378
85 mm	99334	STD	3.338	3.345	0.399	0.499	3.580	1.431
3.375 in.	99338	STD	3.373	3.380	0.375	0.500	3.688	1.410
3.375 in.	99337	STD	3.373	3.380	0.813	1.000	3.695	1.375
3.438 in.	99339	STD	3.435	3.442	0.781	0.906	3.844	1.406
88 mm	99481	STD	3.457	3.464	1.150	1.349	3.752	1.673
3.480 in.	99340	STD	3.477	3.484	0.781	0.906	3.835	1.406
3.500 in.	99346	STD	3.497	3.504	0.625	0.813	3.844	1.347
3.503 in.	99350	STD	3.500	3.507	0.813	1.000	3.844	1.347
3.503 in.	99347	STD	3.500	3.507	0.313	0.500	3.825	1.347
3.503 in.	99852	GOLD	3.500	3.507	0.813	1.000	3.844	1.347
3.504 in.	99349	STD	3.501	3.508	0.625	0.813	3.844	1.348
90 mm	99352	STD	3.540	3.547	0.438	0.538	4.000	1.813
90 mm	99353	STD	3.540	3.547	0.526	0.667	4.000	1.750
90 mm	99351	STD	3.540	3.547	0.710	0.906	4.000	1.813
90 mm	99354	STD	3.540	3.547	0.906	1.102	4.000	1.750
3.563 in.	99356	STD	3.560	3.567	0.813	1.000	3.900	1.750
92 mm	99360	STD	3.618	3.625	0.813	1.000	4.031	1.750
3.625 in.	99363	STD	3.623	3.630	0.500	0.625	4.025	1.750
3.625 in.	99362	STD	3.623	3.630	0.813	1.000	4.031	1.750

Green shading = inch blue shading = metric gray shading = both

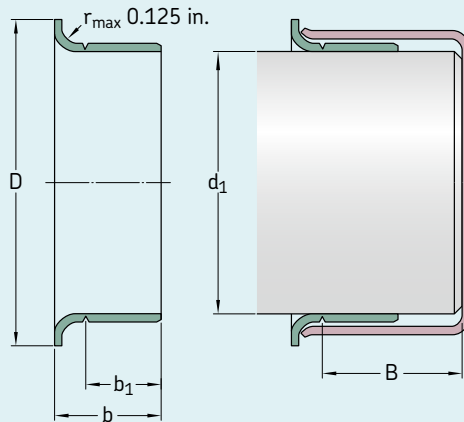




Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
74.93	75.11	22.0	26.0	84.0	33.4	GOLD	99875	75 mm
75.49	75.67	20.6	25.4	82.2	31.8	STD	99292	2.974 in.
75.95	76.12	12.3	15.9	85.3	33.8	STD	99291	2.993 in.
75.95	76.12	14.3	17.5	85.3	34.9	STD	99298	2.993 in.
75.95	76.12	20.7	25.4	85.1	32.5	STD	99299	2.993 in.
76.12	76.30	20.7	23.8	82.3	34.9	STD	99296	3.000 in.
76.20	76.38	20.7	25.4	82.2	32.5	STD	99300	3.003 in.
76.20	76.38	15.9	20.7	85.0	32.5	STD	99048	3.003 in.
76.20	76.38	20.7	25.4	82.2	32.5	GOLD	99848	3.003 in.
76.40	76.58	12.7	15.9	85.2	50.8	STD	99301	3.011 in.
77.83	78.00	19.1	22.2	88.1	52.2	STD	99306	78 mm
79.25	79.43	17.5	20.7	89.7	50.8	STD	99311	3.125 in.
79.25	79.43	20.7	25.4	89.7	50.8	STD	99312	3.125 in.
79.25	79.43	20.7	25.4	89.7	50.8	GOLD	99849	3.125 in.
79.35	79.53	14.0	18.0	89.5	51.6	STD	99053	3.125 in.
79.81	79.98	19.1	22.5	89.9	34.9	STD	99313	80 mm
79.91	80.09	11.0	15.0	90.0	34.9	STD	99317	80 mm
79.91	80.09	21.0	24.0	90.0	34.9	STD	99315	80 mm
81.92	82.09	16.8	21.5	91.1	44.5	STD	99328	82 mm
82.47	82.65	20.7	25.4	91.3	34.9	STD	99322	3.250 in.
82.55	82.73	15.1	18.3	90.8	34.9	STD	99324	3.250 in.
82.55	82.73	15.1	18.3	90.8	34.9	GOLD	99850	3.250 in.
82.55	82.73	17.5	22.2	91.1	31.8	STD	99326	3.250 in.
82.55	82.73	20.7	25.4	91.1	34.9	STD	99325	3.250 in.
82.55	82.73	20.7	25.4	91.1	34.9	GOLD	99851	3.250 in.
84.00	84.18	20.7	25.4	93.7	34.9	STD	99331	3.310 in.
84.76	84.94	17.0	21.0	94.0	35.0	STD	99332	3.342 in.
84.76	84.94	21.0	25.0	94.0	35.0	STD	99333	3.342 in.
84.76	84.94	21.0	25.0	94.0	35.0	GOLD	99872	3.342 in.
84.79	84.96	10.1	12.7	90.9	36.4	STD	99334	85 mm
85.67	85.85	9.5	12.7	93.7	35.8	STD	99338	3.375 in.
85.67	85.85	20.7	25.4	93.9	34.9	STD	99337	3.375 in.
87.25	87.43	19.8	23.0	97.6	35.7	STD	99339	3.438 in.
87.81	87.99	29.2	34.3	95.3	42.5	STD	99481	88 mm
88.32	88.49	19.8	23.0	97.4	35.7	STD	99340	3.480 in.
88.82	89.00	15.9	20.7	97.6	34.2	STD	99346	3.500 in.
88.90	89.08	20.7	25.4	97.6	34.2	STD	99350	3.503 in.
88.90	89.08	8.0	12.7	97.2	34.2	STD	99347	3.503 in.
88.90	89.08	20.7	25.4	97.6	34.2	GOLD	99852	3.503 in.
88.93	89.10	15.9	20.7	97.6	34.2	STD	99349	3.504 in.
89.92	90.09	11.1	13.7	101.6	46.1	STD	99352	90 mm
89.92	90.09	13.4	16.9	101.6	44.5	STD	99353	90 mm
89.92	90.09	18.0	23.0	101.6	46.1	STD	99351	90 mm
89.92	90.09	23.0	28.0	101.6	44.5	STD	99354	90 mm
90.42	90.60	20.7	25.4	99.1	44.5	STD	99356	3.563 in.
91.90	92.08	20.7	25.4	102.4	44.5	STD	99360	92 mm
92.02	92.20	12.7	15.9	102.2	44.5	STD	99363	3.625 in.
92.02	92.20	20.7	25.4	102.4	44.5	STD	99362	3.625 in.



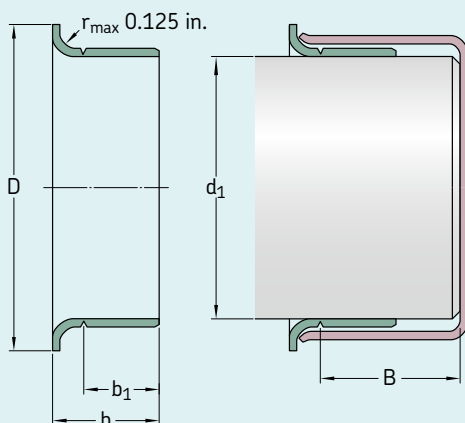


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
3.688 in.	99368	STD	3.684	3.691	0.313	0.438	4.031	0.875
3.688 in.	99365	STD	3.685	3.692	0.813	0.938	4.025	1.800
3.730 in.	99359	STD	3.727	3.734	0.469	0.594	4.016	1.800
3.730 in.	99366	STD	3.727	3.734	0.781	0.906	4.025	1.800
95 mm	99369	STD	3.737	3.744	0.827	0.945	4.025	1.800
95 mm	99374	STD	3.740	3.747	0.344	0.500	4.031	1.800
95 mm	99364	STD	3.740	3.747	0.469	0.594	4.035	1.800
3.750 in.	99376	STD	3.746	3.753	0.563	0.688	4.025	1.800
3.750 in.	99367	STD	3.750	3.757	0.344	0.500	4.025	1.800
3.750 in.	99372	STD	3.750	3.757	0.688	0.875	4.020	1.800
3.750 in.	99853	GOLD	3.750	3.757	0.688	0.875	4.020	1.800
3.875 in.	99386	STD	3.868	3.875	0.813	1.000	4.185	1.875
3.875 in.	99387	STD	3.873	3.880	0.813	1.000	4.219	1.875
3.938 in.	99393	STD	3.935	3.942	0.813	1.000	4.313	2.050
3.938 in.	99854	GOLD	3.935	3.942	0.813	1.000	4.313	2.050
4.000 in.	99401	STD	3.998	4.006	0.500	0.625	4.375	2.066
4.000 in.	99395	STD	3.998	4.006	0.600	0.725	4.375	2.050
4.000 in.	99400	STD	3.998	4.006	0.650	0.775	4.375	1.375
4.000 in.	99399	STD	3.998	4.006	0.813	1.000	4.375	2.050
4.000 in.	99855	GOLD	3.998	4.006	0.813	1.000	4.375	2.050
104 mm	99409	STD	4.090	4.098	0.787	0.945	4.438	1.417
4.125 in.	99412	STD	4.122	4.130	0.813	1.000	4.470	1.375
105 mm	99413	STD	4.130	4.138	0.787	0.913	4.470	1.378
4.187 in.	99418	STD	4.183	4.191	0.813	1.000	4.500	1.375
4.230 in.	99423	STD	4.226	4.234	0.781	0.906	4.610	1.438
4.250 in.	99424	STD	4.248	4.256	0.813	1.000	4.610	1.438
110 mm	99434	STD	4.322	4.330	0.448	0.589	4.921	1.297
110 mm	99435	STD	4.327	4.335	0.509	0.650	4.921	1.250
4.375 in.	99437	STD	4.370	4.378	0.813	1.000	4.750	1.650
112 mm	99438	STD	4.401	4.409	0.750	0.886	4.750	1.300
4.438 in.	99439	STD	4.434	4.442	1.000	1.142	4.813	1.313
4.500 in.	99450	STD	4.496	4.504	0.813	1.000	4.900	1.250
4.500 in.	99856	GOLD	4.496	4.504	0.813	1.000	4.900	1.250
115 mm	99452	STD	4.523	4.531	0.813	0.938	5.000	1.250
4.625 in.	99465	STD	4.621	4.629	0.438	0.625	5.000	1.375
4.625 in.	99463	STD	4.621	4.629	1.000	1.250	5.063	1.375
4.688 in.	99468	STD	4.685	4.693	0.813	1.000	5.063	1.375
120 mm	99471	STD	4.720	4.728	0.315	0.433	5.110	1.323
120 mm	99473	STD	4.720	4.728	0.787	0.984	5.110	1.260
4.750 in.	99475	STD	4.746	4.754	0.500	0.750	5.000	1.500
122 mm	99472	STD	4.799	4.807	0.787	0.945	5.177	1.260
4.875 in.	99487	STD	4.871	4.879	0.625	0.750	5.250	1.438
125 mm	99057	STD	4.916	4.937	0.433	0.551	5.400	1.438
125 mm	99490	STD	4.917	4.925	0.394	0.551	5.400	1.438
125 mm	99492	STD	4.917	4.925	1.024	1.260	5.400	1.438
5.000 in.	99501	STD	4.998	5.007	0.540	0.681	5.400	1.438
5.000 in.	99857	GOLD	4.998	5.007	0.688	0.875	5.400	1.438
5.000 in.	99498	STD	4.998	5.007	0.688	0.875	5.400	1.438

Green shading = inch blue shading = metric gray shading = both

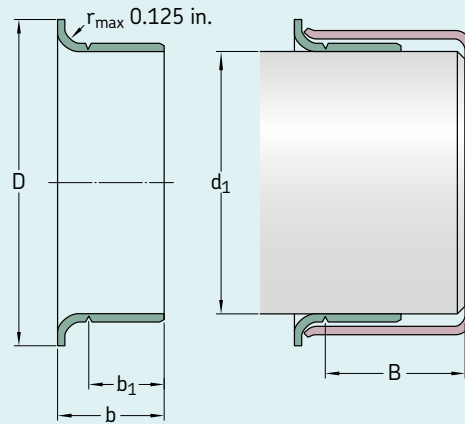




Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
93.57	93.75	8.0	11.1	102.4	22.2	STD	99368	3.688 in.
93.60	93.78	20.7	23.8	102.2	45.7	STD	99365	3.688 in.
94.67	94.84	11.9	15.1	102.0	45.7	STD	99359	3.730 in.
94.67	94.84	19.8	23.0	102.2	45.7	STD	99366	3.730 in.
94.92	95.10	21.0	24.0	102.2	45.7	STD	99369	95 mm
95.00	95.17	8.7	12.7	102.4	45.7	STD	99374	95 mm
95.00	95.17	11.9	15.1	102.5	45.7	STD	99364	95 mm
95.15	95.33	14.3	17.5	102.2	45.7	STD	99376	3.750 in.
95.25	95.43	8.7	12.7	102.2	45.7	STD	99367	3.750 in.
95.25	95.43	17.5	22.2	102.1	45.7	STD	99372	3.750 in.
95.25	95.43	17.5	22.2	102.1	45.7	GOLD	99853	3.750 in.
98.25	98.43	20.7	25.4	106.3	47.6	STD	99386	3.875 in.
98.37	98.55	20.7	25.4	107.2	47.6	STD	99387	3.875 in.
99.95	100.13	20.7	25.4	109.6	52.1	STD	99393	3.938 in.
99.95	100.13	20.7	25.4	109.6	52.1	GOLD	99854	3.938 in.
101.55	101.75	12.7	15.9	111.1	52.5	STD	99401	4.000 in.
101.55	101.75	15.2	18.4	111.1	52.1	STD	99395	4.000 in.
101.55	101.75	16.5	19.7	111.1	34.9	STD	99400	4.000 in.
101.55	101.75	20.7	25.4	111.1	52.1	STD	99399	4.000 in.
101.55	101.75	20.7	25.4	111.1	52.1	GOLD	99855	4.000 in.
103.89	104.09	20.0	24.0	112.7	36.0	STD	99409	104 mm
104.70	104.90	20.7	25.4	113.5	34.9	STD	99412	4.125 in.
104.90	105.11	20.0	23.2	113.5	35.0	STD	99413	105 mm
106.25	106.45	20.7	25.4	114.3	34.9	STD	99418	4.187 in.
107.34	107.54	19.8	23.0	117.1	36.5	STD	99423	4.230 in.
107.90	108.10	20.7	25.4	117.1	36.5	STD	99424	4.250 in.
109.78	109.98	11.4	15.0	125.0	32.9	STD	99434	110 mm
109.91	110.11	12.9	16.5	125.0	31.8	STD	99435	110 mm
111.00	111.20	20.7	25.4	120.7	41.9	STD	99437	4.375 in.
111.79	111.99	19.1	22.5	120.7	33.0	STD	99438	112 mm
112.62	112.83	25.4	29.0	122.3	33.4	STD	99439	4.438 in.
114.20	114.40	20.7	25.4	124.5	31.8	STD	99450	4.500 in.
114.20	114.40	20.7	25.4	124.5	31.8	GOLD	99856	4.500 in.
114.88	115.09	20.7	23.8	127.0	31.8	STD	99452	115 mm
117.37	117.58	11.1	15.9	127.0	34.9	STD	99465	4.625 in.
117.37	117.58	25.4	31.8	128.6	34.9	STD	99463	4.625 in.
119.00	119.20	20.7	25.4	128.6	34.9	STD	99468	4.688 in.
119.89	120.09	8.0	11.0	129.8	33.6	STD	99471	120 mm
119.89	120.09	20.0	25.0	129.8	32.0	STD	99473	120 mm
120.55	120.75	12.7	19.1	127.0	38.1	STD	99475	4.750 in.
121.89	122.10	20.0	24.0	131.5	32.0	STD	99472	122 mm
123.72	123.93	15.9	19.1	133.4	36.5	STD	99487	4.875 in.
124.87	125.40	11.0	14.0	137.2	36.5	STD	99057	125 mm
124.89	125.10	10.0	14.0	137.2	36.5	STD	99490	125 mm
124.89	125.10	26.0	32.0	137.2	36.5	STD	99492	125 mm
126.95	127.18	13.7	17.3	137.2	36.5	STD	99501	5.000 in.
126.95	127.18	17.5	22.2	137.2	36.5	GOLD	99857	5.000 in.
126.95	127.18	17.5	22.2	137.2	36.5	STD	99498	5.000 in.



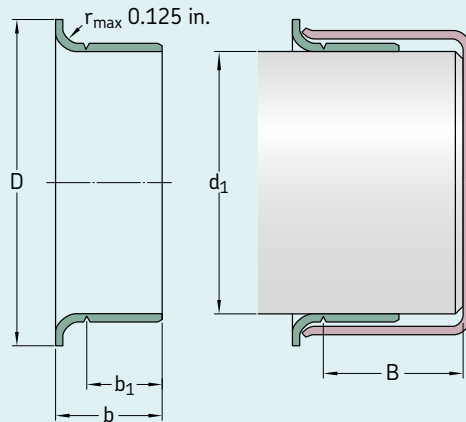


Inch

Nominal shaft size	SKF part number	Style	Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B
5.000 in.	99499	STD	4.998	5.007	0.813	1.000	5.390	1.438
5.000 in.	99858	GOLD	4.998	5.007	0.813	1.000	5.508	1.438
128 mm	99482	STD	5.031	5.040	1.150	1.349	5.327	1.587
130 mm	99494	STD	5.110	5.119	0.750	0.938	5.493	1.181
5.125 in.	99491	STD	5.117	5.126	0.866	0.996	5.493	1.280
5.125 in.	99513	STD	5.120	5.129	0.813	1.000	5.500	1.250
5.250 in.	99525	STD	5.246	5.255	0.813	1.000	5.560	1.250
135 mm	99533	STD	5.307	5.316	0.807	1.000	5.735	1.250
5.375 in.	99537	STD	5.371	5.380	0.813	1.000	5.875	1.250
5.438 in.	99548	STD	5.434	5.443	1.500	1.688	5.750	1.875
5.476 in.	99547	STD	5.472	5.481	0.563	0.750	5.900	1.234
5.500 in.	99550	STD	5.498	5.507	0.518	0.705	5.938	1.250
5.500 in.	99549	STD	5.498	5.507	0.813	1.000	5.938	1.250
5.500 in.	99859	GOLD	5.498	5.507	0.813	1.000	5.938	1.250
140 mm	99552	STD	5.508	5.517	0.807	1.000	5.945	1.250
5.625 in.	99560	STD	5.621	5.630	0.875	1.000	6.188	1.812
145 mm	99571	STD	5.699	5.708	0.750	0.875	6.100	1.812
5.730 in.	99562	STD	5.726	5.735	0.563	0.750	6.100	1.938
5.750 in.	99575	STD	5.746	5.755	0.813	1.000	6.180	1.750
5.875 in.	99587	STD	5.871	5.880	1.000	1.250	6.188	1.313
5.875 in.	99862	GOLD	5.871	5.880	1.000	1.250	6.188	1.313
150 mm	99595	STD	5.896	5.905	1.024	1.181	6.260	1.280
5.938 in.	99596	STD	5.934	5.943	1.000	1.125	6.375	1.875
6.000 in.	99599	STD	5.995	6.005	1.000	1.250	6.375	1.750
154 mm	99605	STD	6.058	6.068	1.024	1.181	6.375	1.299
155 mm	99606	STD	6.092	6.102	1.024	1.181	6.575	1.299
6.203 in.	99620	STD	6.198	6.208	0.813	1.063	6.625	1.750
6.250 in.	99625	STD	6.245	6.255	1.031	1.250	6.625	1.750
160 mm	99630	STD	6.289	6.299	1.000	1.250	6.750	1.375
6.500 in.	99650	STD	6.495	6.505	1.000	1.250	7.000	1.375
170 mm	99640	STD	6.683	6.693	1.250	1.496	7.188	1.750
6.750 in.	99675	STD	6.745	6.755	0.813	1.063	7.125	1.750
175 mm	99687	STD	6.880	6.890	1.102	1.260	7.362	1.378
7.000 in.	99700	STD	6.995	7.006	1.000	1.250	7.475	1.688
180 mm	99721	STD	7.077	7.088	1.299	1.496	7.500	1.752
7.250 in.	99725	STD	7.244	7.255	1.250	1.500	7.760	2.175
185 mm	99726	STD	7.273	7.284	1.260	1.496	7.760	2.165
7.449 in.	99745	STD	7.444	7.455	0.813	1.000	7.860	1.250
7.500 in.	99750	STD	7.495	7.506	0.813	1.000	7.875	1.250
7.750 in.	99775	STD	7.745	7.756	1.000	1.313	8.270	1.875
7.875 in. and 200 mm	99787	STD	7.869	7.880	1.359	1.500	8.375	1.750
7.938 in.	99799	STD	7.933	7.944	1.000	1.250	8.375	1.750
8.000 in.	99800	STD	7.995	8.006	1.000	1.250	8.375	1.750

Green shading = inch blue shading = metric gray shading = both





Metric (mm)

Shaft dia. min d1	Shaft dia. max d1	'On-shaft' width b1	Total width b	Flange dia. D	Max tear groove offset B	Style	SKF part number	Nominal shaft size
126.95	127.18	20.7	25.4	136.9	36.5	STD	99499	5.000 in.
126.95	127.18	20.7	25.4	139.9	36.5	GOLD	99858	5.000 in.
127.79	128.02	29.2	34.3	135.3	40.3	STD	99482	128 mm
129.79	130.02	19.1	23.8	139.5	30.0	STD	99494	130 mm
129.97	130.20	22.0	25.3	139.5	32.5	STD	99491	5.125 in.
130.05	130.28	20.7	25.4	139.7	31.8	STD	99513	5.125 in.
133.25	133.48	20.7	25.4	141.2	31.8	STD	99525	5.250 in.
134.80	135.03	20.5	25.4	145.7	31.8	STD	99533	135 mm
136.42	136.65	20.7	25.4	149.2	31.8	STD	99537	5.375 in.
138.02	138.25	38.1	42.9	146.1	47.6	STD	99548	5.438 in.
138.99	139.22	14.3	19.1	149.9	31.3	STD	99547	5.476 in.
139.65	139.88	13.2	17.9	150.8	31.8	STD	99550	5.500 in.
139.65	139.88	20.7	25.4	150.8	31.8	STD	99549	5.500 in.
139.65	139.88	20.7	25.4	150.8	31.8	GOLD	99859	5.500 in.
139.90	140.13	20.5	25.4	151.0	31.8	STD	99552	140 mm
142.77	143.00	22.2	25.4	157.2	46.0	STD	99560	5.625 in.
144.75	144.98	19.1	22.2	154.9	46.0	STD	99571	145 mm
145.44	145.67	14.3	19.1	154.9	49.2	STD	99562	5.730 in.
145.95	146.18	20.7	25.4	157.0	44.5	STD	99575	5.750 in.
149.12	149.35	25.4	31.8	157.2	33.4	STD	99587	5.875 in.
149.12	149.35	25.4	31.8	157.2	33.4	GOLD	99862	5.875 in.
149.76	149.99	26.0	30.0	159.0	32.5	STD	99595	150 mm
150.72	150.95	25.4	28.6	161.9	47.6	STD	99596	5.938 in.
152.27	152.53	25.4	31.8	161.9	44.5	STD	99599	6.000 in.
153.87	154.13	26.0	30.0	161.9	33.0	STD	99605	154 mm
154.74	154.99	26.0	30.0	167.0	33.0	STD	99606	155 mm
157.43	157.68	20.7	27.0	168.3	44.5	STD	99620	6.203 in.
158.62	158.88	26.2	31.8	168.3	44.5	STD	99625	6.250 in.
159.74	159.99	25.4	31.8	171.5	34.9	STD	99630	160 mm
164.97	165.23	25.4	31.8	177.8	34.9	STD	99650	6.500 in.
169.75	170.00	31.8	38.0	182.6	44.5	STD	99640	170 mm
171.32	171.58	20.7	27.0	181.0	44.5	STD	99675	6.750 in.
174.75	175.01	28.0	32.0	187.0	35.0	STD	99687	175 mm
177.67	177.95	25.4	31.8	189.9	42.9	STD	99700	7.000 in.
179.76	180.04	33.0	38.0	190.5	44.5	STD	99721	180 mm
184.00	184.28	31.8	38.1	197.1	55.3	STD	99725	7.250 in.
184.73	185.01	32.0	38.0	197.1	55.0	STD	99726	185 mm
189.08	189.36	20.7	25.4	199.6	31.8	STD	99745	7.449 in.
190.37	190.65	20.7	25.4	200.0	31.8	STD	99750	7.500 in.
196.72	197.00	25.4	33.4	210.1	47.6	STD	99775	7.750 in.
199.87	200.15	34.5	38.1	212.7	44.5	STD	99787	7.875 in. and 200 mm
201.50	201.78	25.4	31.8	212.7	44.5	STD	99799	7.938 in.
203.07	203.35	25.4	31.8	212.7	44.5	STD	99800	8.000 in.