

Wear sleeves | SKF Speedi-Sleeve

B.1

SKF Speedi-Sleeve



30%

LESS WEAR TO
THE PREVIOUS
GENERATION



SKF Speedi-Sleeve

- › Minimal downtime
- › Optimized surface



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SKF Speedi-Sleeve – general

This thin-walled sleeve (0,28 mm [0.011 in]), developed by SKF, is simply pushed in position over the shaft, providing a counterface surface that is optimized for radial shaft seals.

There is no shaft disassembly or machining involved and costly downtime is minimized. Since the same sized seal as the original can be used, there is no need to search for other seals, or keep a stock of different sizes.

No special equipment is required since the installation tool is supplied with the sleeve. A mallet and a pair of pliers are all that is needed for the installation.

Features

The new generation SKF Speedi-Sleeve uses a proprietary stainless steel material and manufacturing process, resulting in an optimized seal counterface surface that minimizes wear on both sleeve and sealing lip. The proprietary material provides increased strength and excellent ductility properties of the sleeve. Imperceptible lubricant pockets

enable the lubricant to reside on the sleeve and thereby prevent dry running of the sealing lip that otherwise can create excessive wear. The contact surface is wear resistant and machined to minimize directionality ($0^\circ \pm 0,05$) with a finish of R_a 0,25 to 0,5 µm (10 to 20 µin). This is, in fact, a better counterface surface than can often be achieved on a shaft.

SKF Speedi-Sleeve has a removable flange to simplify installation (→ fig. 1). The flange can most often be left intact, but in applications where the flange will interfere with other system components, it should be removed to not cause friction heat and wear debris. The flange should also be removed in applications where it may reduce the supply of lubricant to the seal. This would reduce the cooling effect of the lubricant, resulting in elevated underlip temperatures and premature ageing of the sealing material.

If the flange is to 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 long-nosed pliers and twisted into a coil.

Size range

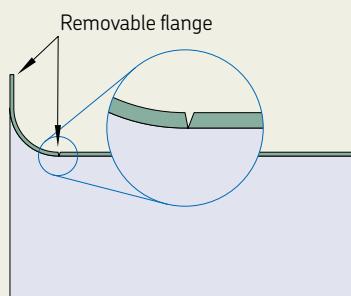
The standard size range covers sleeves for shaft diameters from 11,99 to 203,33 mm (0,472 to 8 in). Depending on production quantities, non-standard sizes can be manufactured. Each sleeve is designed to fit a specific shaft diameter range, usually above and below the nominal shaft diameter. This permits some flexibility to accommodate variations in the actual shaft diameter.

SKF Speedi-Sleeve Gold

The new generation of SKF Speedi-Sleeve is also available in the Gold version, designed for highly abrasive applications. A thin, metallic coating applied to the base stainless steel imparts a gold colour and significantly increases durability. The original seal size can still be used. SKF Speedi-Sleeve Gold is particularly effective in environments with abrasive contaminants, especially when combined with a seal manufactured from the SKF fluoro rubber material, SKF Duralife.

Fig. 1

SKF Speedi-Sleeve removable flange



SKF Speedi-Sleeve – the fast and easy solution for worn shafts

Test results

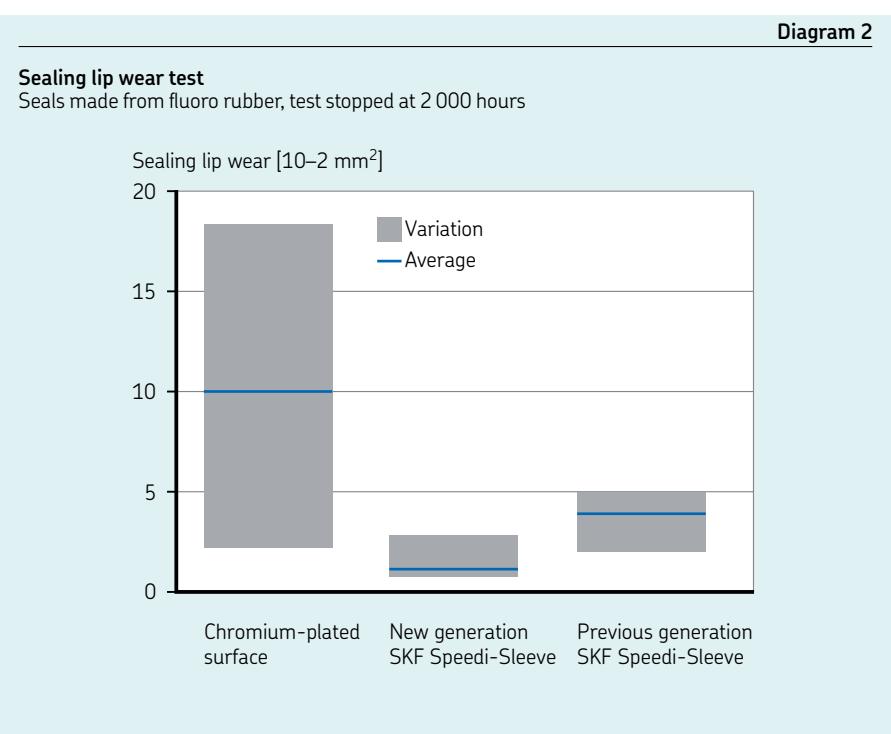
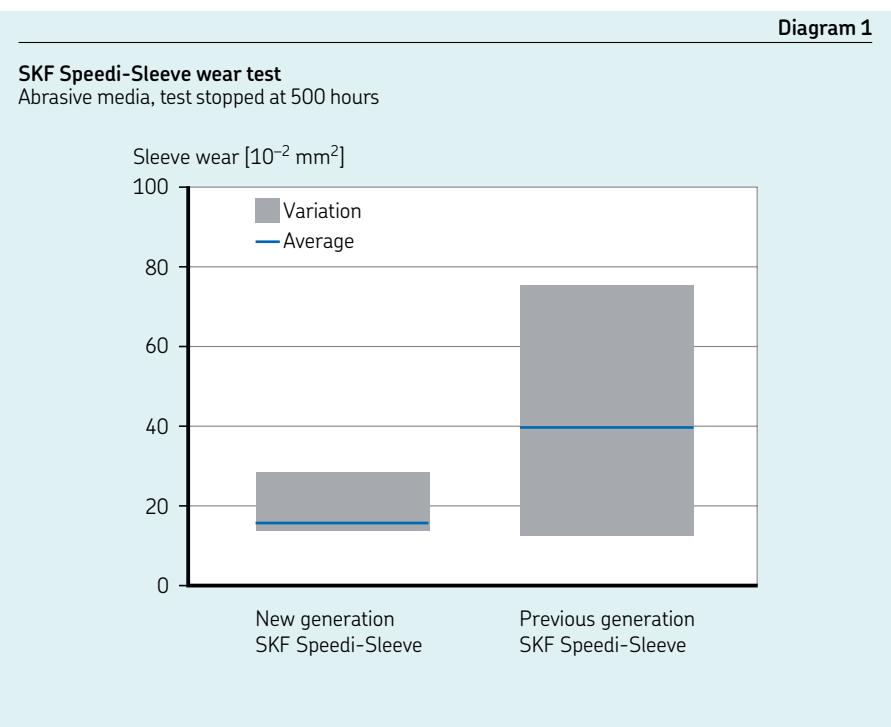
The previous and new generation of SKF Speedi-Sleeve products were tested for abrasion resistance under both coarse and fine dust conditions. A 500 hour contamination test (→ **diagram 1**) showed that when compared to the previous generation sleeve, the new generation SKF Speedi-Sleeve reduced abrasion by a factor of 1,5 and was still operating efficiently.

To test sealing system effectiveness, a 2 000 hour life test was performed (→ **diagram 2**) using SKF Speedi-Sleeve new and previous generation products and SKF Wave seals made of the SKF fluoro rubber material SKF Duralife. The test results showed that SKF Speedi-Sleeve new generation reduced the sealing lip wear and the variation in the wear rate by approximately 30% compared to the previous generation sleeve and outperformed a chromium-plated surface by a factor of 2. This reduction improves the sealing system reliability as well as the predictability of the system service life.

Both tests were carried out under the same operating conditions:

- Temperatures up to 110 °C (225 °F)
- Linear shaft speeds of up to 8,6 m/s (1 700 ft/min)

In other tests, it was found that continuous salt spray at 35 °C (95 °F) produced no trace of corrosion even after 600 hours. This optimized performance is made possible through the use of the new generation of SKF Speedi-Sleeve.



Wear sleeves | SKF Speedi-Sleeve

Selecting the right size

To determine the appropriate sleeve size, it is first necessary to clean the shaft carefully. The diameter of an undamaged section of the seal counterface should then be measured on at least three different planes. The arithmetical mean of these measurements determines the size of SKF Speedi-Sleeve. If the value lies within the permissible range listed in the product table for the shaft diameter d_1 , SKF Speedi-Sleeve will have an adequate tight fit on the shaft and will not require an adhesive.

If no suitable size is listed in the product table, it will be necessary to rework the shaft to an appropriate dimension. This also means that a new seal size will be required. If production quantities are sufficient enough, SKF can provide specially dimensioned SKF Speedi-Sleeve or other wear sleeve solution.

Installing SKF Speedi-Sleeve

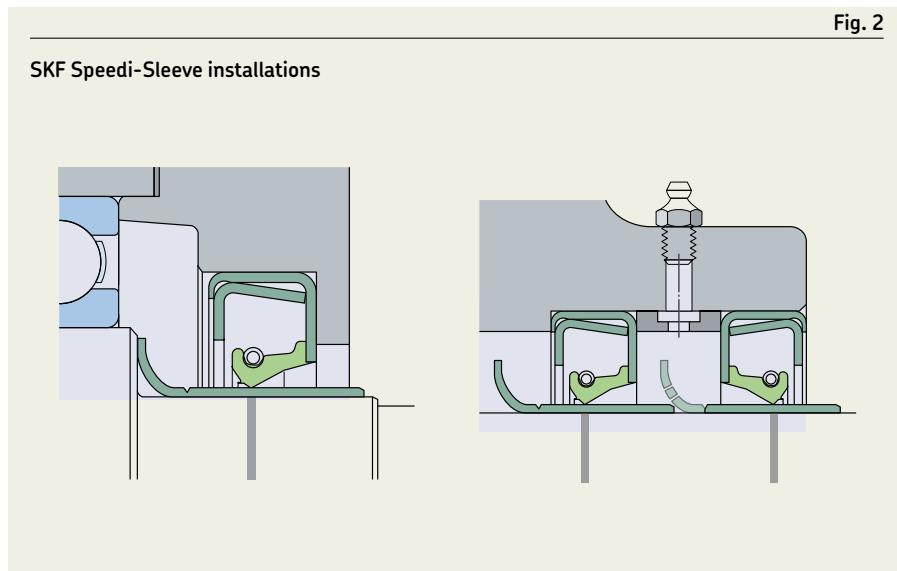
All SKF Speedi-Sleeve designs are installed the same way. Although installation is simple, it should be done carefully to achieve the best results. As the thin-walled sleeve has an interference fit, any disturbances on the shaft surface may create a similar pattern on the sleeve surface and cause the seal to leak. Therefore, the seal counterface surface of the shaft should be carefully cleaned and any burrs or rough spots filed down prior to installation. Deep wear grooves, scratches or very rough surfaces should be treated with a suitable powdered metal epoxy-type filler. The sleeve must be positioned on the shaft before the filler has hardened.

SKF Speedi-Sleeve must not be installed over keyways, cross holes, splines or threads since this will result in deformation of the sleeve, making it difficult for the seal to follow its new counterface surface as it rotates.

SKF Speedi-Sleeve should never be heated prior to installation. Using heat will cause the sleeve to expand, but when it cools, it may not contract back to its original size, resulting in a loose fit on the shaft.

See **fig. 2** for different SKF Speedi-Sleeve installations.

Fig. 2

SKF Speedi-Sleeve installations

SKF Speedi-Sleeve

Installation procedure

- 1 Clean the seal counterface surface on the shaft. File down any burrs or rough spots and make sure that the sleeve will not be installed over keyways, cross holes, splines or similar.
- 2 Measure the diameter on an unworn portion of the shaft where the sleeve will be positioned (→ fig. 3). Measure in three positions and average the readings to make sure the shaft is within recommended specifications. If the average diameter is within the range for a given sleeve size, there is sufficient press fit built into the sleeve to prevent it from sliding or spinning without using an adhesive.
- 3 Determine where the sleeve must be positioned to cover the worn area. Measure to the exact point, or mark directly on the surface. The sleeve must be placed over the worn area, not just bottomed or left flush with the end of the shaft.
- 4 Shallow wear grooves do not require filling. Optionally, a light layer of a non-hardening sealant can be applied to the inside diameter surface of the sleeve. Clean away sealant that migrates to the shaft or sleeve outside diameter surface.
- 5 If the shaft is deeply scored, fill the groove with a powdered metal epoxy-type filler. Install the sleeve before the filler hardens, enabling the sleeve to wipe off any excess filler. Clean away any remaining filler from the sleeve outside diameter surface.
- 6 It should be repeated that heat should never be used to install SKF Speedi-Sleeve.
- 7 If the flange should be removed after installation, cut it from the outside diameter into the radius in one location. The flange end of the sleeve goes on the shaft first. Then, place the installation tool over the sleeve (→ fig. 4).
- 8 Gently tap the centre of the installation tool until the sleeve covers the worn shaft surface (→ fig. 5). If the installation

tool is too short, a length of pipe or tubing with a squared-off, burr-free end can be used. Be sure that the inside diameter of the pipe is the same as that of the installation tool. Use care not to scratch the precision ground sleeve's outside diameter.

- 9 SKF Speedi-Sleeve should always be installed so that the outside edge of the sleeve is seated on the full shaft diameter. It must not rest in or outside the chamfer area since the sharp edge will likely cut the sealing lip during seal installation.
- 10 If the flange was cut for removal, use a pair of long-nosed pliers to grasp the flange away from the sleeve and twist it into a coil, being careful not to lift the end of the sleeve off the shaft or it will leave a jagged edge. Flange removal must be done with care to avoid damage to the outside diameter of the sleeve.
- 11 After the sleeve is installed, check again for burrs that could damage the seal.
- 12 Lubricate the sleeve with the system medium before installing the seal.
- 13 Proceed with seal installation.

Removing SKF Speedi-Sleeve

SKF Speedi-Sleeve can be removed by applying heat to the sleeve with an electric heat blower, which will expand it enough to let it slide off the shaft without causing any damage to the shaft.

Alternatively, the sleeve can be removed in any of the following ways, always using care not to damage the shaft surface:

- By Relieving The Press-Fit Tension Using A Small Hammer To Peen Across The Full Width Of The Sleeve
- By Using A Cold Chisel To Cut Through The Sleeve
- By Using A Pair Of Wire Cutters Starting At Or Near the flange and applying a twisting motion

Please note that SKF Speedi-Sleeve cannot be reused.

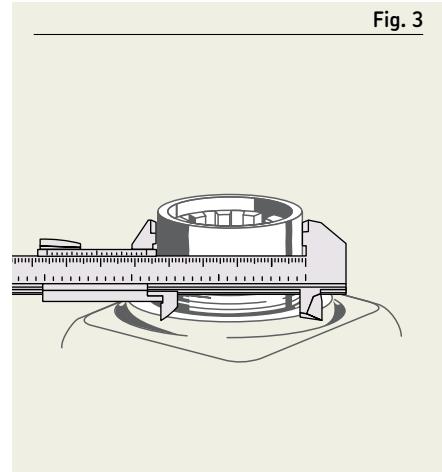


Fig. 3

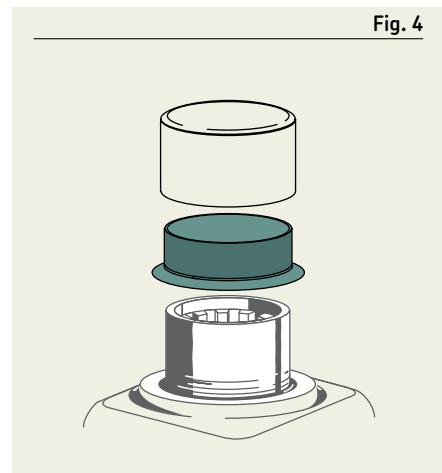


Fig. 4

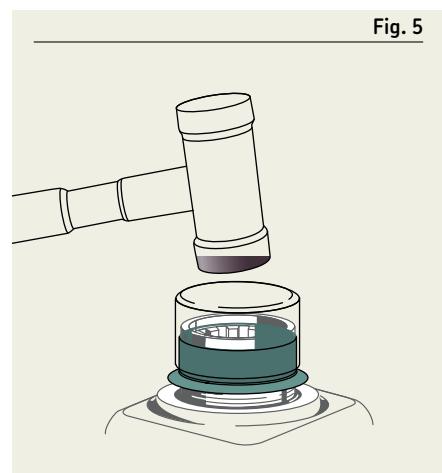
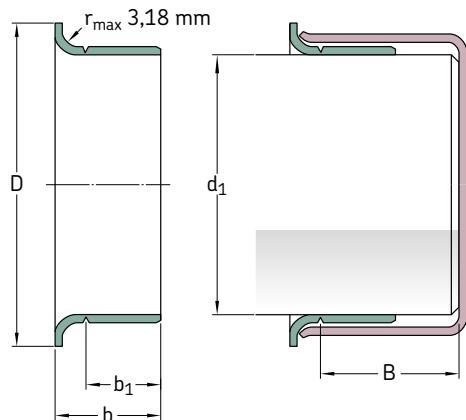


Fig. 5

Wear sleeves | SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

 d_1 11,99–38,18 mm

All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|------------|--------------------|----------------------|--------------------------|----------------------|-----------------|------------------------------|
| d_1 min. mm | max. mm | d_1 mm | D $\pm 1,6$ mm | b_1 $\pm 0,8$ mm | b $\pm 0,8$ mm | B ¹⁾ | |
| 11,99 | 12,07 | 11,99 | 15,49 | 5,99 | 8,41 | 47,63 | 99049 |
| 12,65 | 12,75 | 12,70 | 15,49 | 6,35 | 8,74 | 50,80 | 99050 |
| 13,89 | 14,00 | 14,00 | 19,05 | 6,35 | 9,93 | 46,51 | 99055 |
| 14,22 | 14,38 | 14,30 | 19,05 | 6,35 | 9,93 | 46,51 | 99056 |
| 14,96 | 15,06 | 15,01 | 19,05 | 5,00 | 8,99 | 47,29 | 99059 |
| 15,82 | 15,93 | 15,88 15,88 | 19,05 19,05 | 7,95 7,95 | 10,31 10,31 | 50,80 50,80 | 99810 ²⁾ 99062 |
| 15,90 | 16,00 | 16,00 | 18,24 | 7,95 | 11,13 | 50,80 | 99058 |
| 16,94 | 17,04 | 16,99 | 22,23 | 8,00 | 11,00 | 50,80 | 99068 |
| 17,32 | 17,42 | 17,37 | 22,86 | 7,95 | 11,13 | 50,80 | 99060 |
| 17,88 | 18,01 | 18,01 | 24,43 | 8,00 | 11,00 | 46,00 | 99082 |
| 19,00 | 19,10 | 19,05 19,05 | 24,00 24,00 | 7,95 7,95 | 11,13 11,13 | 50,80 50,80 | 99811 ²⁾ 99076 |
| 19,28 | 19,33 | 19,30 | 23,83 | 7,95 | 11,13 | 50,80 | 99081 |
| 19,81 | 19,91 | 19,84 | 23,75 | 7,95 | 11,13 | 50,80 | 99080 |
| 19,94 | 20,04 | 19,99 | 23,62 | 8,00 | 11,00 | 50,80 | 99078 |
| 20,62 | 20,70 | 20,65 | 30,18 | 9,53 | 14,30 | 76,20 | 99083 |
| 21,77 | 21,87 | 21,82 | 29,34 | 6,35 | 9,53 | 50,80 | 99086 |
| 21,87 | 22,00 | 22,00 22,00 | 30,18 30,18 | 6,58 8,00 | 9,12 11,99 | 47,14 46,02 | 99084 99085 |
| 22,17 | 22,28 | 22,23 22,23 | 27,79 27,79 | 7,95 7,95 | 11,13 11,13 | 50,80 50,80 | 99812 ²⁾ 99087 |
| 23,06 | 23,16 | 23,11 23,11 | 30,94 30,94 | 7,95 7,95 | 11,13 11,13 | 46,91 46,91 | 99860 ²⁾ 99091 |
| 23,88 | 24,00 | 24,00 | 28,70 | 7,95 | 11,13 | 50,80 | 99092 |

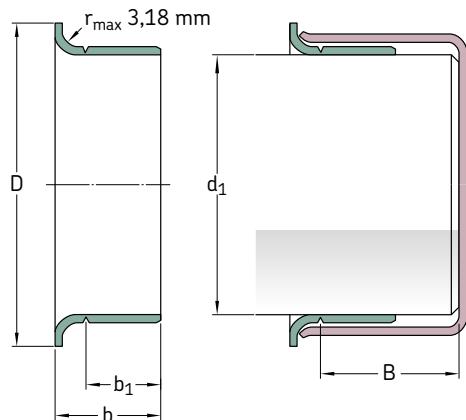
¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|----------------------------------|----------------------------------|--------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------------|
| d ₁ min. mm | max. mm | d ₁ | D ±1,6 | b ₁ ±0,8 | b ±0,8 | B ¹⁾ | - |
| 24,54 | 24,64 | 24,61 24,61 | 28,70 28,70 | 7,95 15,88 | 11,13 18,26 | 50,80 50,80 | 99094 99096 |
| 24,94 | 25,04 | 24,99 24,99 | 33,02 33,02 | 7,95 7,95 | 11,00 11,00 | 50,80 50,80 | 99813 ²⁾ 99098 |
| 25,35 | 25,45 | 25,40 25,40 | 30,96 30,96 | 7,95 7,95 | 11,13 11,13 | 50,80 50,80 | 99814 ²⁾ 99868 |
| 25,88 | 26,01 | 26,01 | 33,35 | 8,00 | 11,99 | 46,05 | 99103 |
| 26,92 | 27,03 | 27,00 27,00 | 33,53 33,53 | 7,95 7,95 | 11,13 11,13 | 46,81 46,81 | 99815 ²⁾ 99106 |
| 27,61 | 27,71 | 27,66 | 35,71 | 7,95 | 11,13 | 15,88 | 99108 |
| 27,94 | 28,04 | 27,99 27,99 | 34,93 34,93 | 9,53 9,53 | 12,70 12,70 | 46,81 46,81 | 99866 ³⁾ 99111 |
| 28,52 | 28,63 | 28,58 28,58 28,58 | 38,10 38,10 38,10 | 7,95 7,95 9,53 | 11,13 11,13 12,70 | 17,48 17,48 17,48 | 99816 ²⁾ 99112 99116 |
| 29,31 | 29,41 | 29,36 29,36 | 34,29 34,29 | 9,53 9,53 | 12,70 12,70 | 17,48 17,48 | 99865 ³⁾ 99120 |
| 29,79 | 29,92 | 29,85 | 35,56 | 7,95 | 11,13 | 17,48 | 99122 |
| 29,95 | 30,07 | 30,00 | 35,56 | 8,00 | 11,00 | 17,48 | 99114 |
| 30,10 | 30,23 | 30,18 | 35,56 | 7,95 | 11,13 | 17,48 | 99118 |
| 30,89 | 31,04 | 30,96 | 39,70 | 7,95 | 11,00 | 15,88 | 99123 |
| 31,42 | 31,57 | 31,50 | 39,12 | 8,00 | 11,13 | 17,48 | 99141 |
| 31,67 | 31,83 | 31,75 31,75 | 38,10 38,10 | 7,95 7,95 | 11,13 11,13 | 17,48 17,48 | 99817 ²⁾ 99125 |
| 31,93 | 32,08 | 32,00 | 38,10 | 8,00 | 11,13 | 17,48 | 99128 |
| 32,94 | 33,05 | 32,99 | 40,49 | 15,01 | 18,01 | 25,40 | 99121 |
| 33,22 | 33,38 | 33,35 | 40,64 | 6,35 | 9,53 | 20,65 | 99129 |
| 33,27 | 33,43 | 33,35 33,35 | 40,49 40,49 | 12,70 12,70 | 15,88 15,88 | 20,65 20,65 | 99818 ²⁾ 99131 |
| 33,86 | 34,01 | 34,01 | 41,28 | 12,70 | 15,88 | 20,65 | 99134 |
| 34,82 | 34,98 | 34,93 34,93 34,93 | 41,61 41,61 41,61 | 7,95 12,70 12,70 | 11,13 15,88 15,88 | 20,65 20,65 20,65 | 99133 99819 ²⁾ 99138 |
| 34,93 | 35,08 | 34,93 34,93 | 41,61 41,61 | 13,00 13,00 | 16,00 16,00 | 20,65 20,65 | 99820 ²⁾ 99139 |
| 35,84 | 35,99 | 35,99 | 45,24 | 13,00 | 16,99 | 24,99 | 99146 |
| 36,37 | 36,53 | 36,53 36,53 | 45,24 45,24 | 14,30 14,30 | 17,48 17,48 | 25,81 25,81 | 99821 ²⁾ 99143 |
| 36,45 | 36,60 | 36,53 | 45,24 | 9,53 | 12,70 | 25,81 | 99144 |
| 37,85 | 38,00 | 38,00 | 45,24 | 13,00 | 16,99 | 24,99 | 99147 |
| 38,02 | 38,18 | 38,10 38,10 38,10 38,10 | 45,24 45,24 45,24 45,24 | 9,53 9,53 14,30 14,30 | 12,70 12,70 17,48 17,48 | 25,81 25,81 25,81 25,81 | 99823 ²⁾ 99150 99822 ²⁾ 99149 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)
 d_1 38,61–59,26 mm



All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|-------|--------------------|----------------|--------------------|----------------|-----------------|---------------------|
| d_1 min. | max. | d_1 | D $\pm 1,6$ | b_1 $\pm 0,8$ | b $\pm 0,8$ | B ¹⁾ | |
| mm | mm | mm | mm | mm | mm | mm | - |
| 38,61 | 38,76 | 38,68 | 47,22 | 11,13 | 14,30 | 25,81 | 99152 |
| 39,34 | 39,50 | 39,42 | 47,22 | 11,13 | 14,30 | 25,81 | 99155 |
| 39,60 | 39,75 | 39,67 | 47,22 | 14,30 | 17,48 | 25,81 | 99824 ²⁾ |
| | | 39,67 | 47,22 | 14,30 | 17,48 | 25,81 | 99156 |
| 39,78 | 39,93 | 39,85 | 47,22 | 15,88 | 19,05 | 25,81 | 99159 |
| 39,85 | 40,01 | 40,01 | 46,99 | 9,91 | 12,93 | 25,40 | 99153 |
| 39,93 | 40,08 | 40,08 | 46,99 | 13,00 | 16,00 | 25,98 | 99825 ²⁾ |
| | | 40,08 | 46,99 | 13,00 | 16,00 | 25,98 | 99157 |
| 40,69 | 40,84 | 40,77 | 49,23 | 12,70 | 16,28 | 25,40 | 99160 |
| 40,84 | 41,00 | 41,00 | 49,23 | 12,70 | 15,88 | 25,81 | 99163 |
| 41,20 | 41,35 | 41,28 | 47,63 | 7,95 | 11,13 | 25,81 | 99161 |
| | | 41,28 | 47,63 | 14,30 | 17,48 | 20,65 | 99826 ²⁾ |
| | | 41,28 | 47,63 | 14,30 | 17,48 | 20,65 | 99162 |
| 41,83 | 42,01 | 41,91 | 53,01 | 11,30 | 14,50 | 21,49 | 99166 |
| | | 41,91 | 53,01 | 14,30 | 17,50 | 21,01 | 99169 |
| | | 42,01 | 53,01 | 14,30 | 17,50 | 21,01 | 99873 ²⁾ |
| 41,99 | 42,14 | 42,06 | 53,01 | 13,97 | 17,50 | 21,01 | 99165 |
| 42,77 | 42,93 | 42,88 | 48,41 | 14,30 | 17,48 | 22,23 | 99168 |
| 42,80 | 42,95 | 42,88 | 48,41 | 7,95 | 11,13 | 22,23 | 99167 |
| 42,85 | 43,00 | 43,00 | 48,41 | 12,70 | 15,88 | 21,44 | 99182 |
| 43,56 | 43,71 | 43,66 | 51,59 | 14,30 | 17,48 | 20,65 | 99171 |
| 44,09 | 44,25 | 44,17 | 52,40 | 9,53 | 12,70 | 20,65 | 99170 |
| 44,37 | 44,53 | 44,45 | 52,20 | 9,53 | 12,70 | 20,65 | 99172 |
| | | 44,45 | 52,40 | 13,49 | 15,88 | 22,30 | 99180 |
| | | 44,45 | 52,40 | 14,30 | 17,48 | 20,65 | 99827 ²⁾ |
| | | 44,45 | 52,40 | 14,30 | 17,48 | 20,65 | 99174 |
| | | 44,45 | 52,40 | 19,05 | 22,23 | 20,65 | 99828 ²⁾ |
| | | 44,45 | 52,40 | 19,05 | 22,23 | 20,65 | 99175 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used

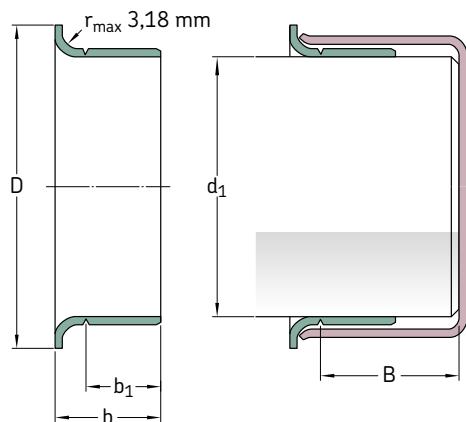
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|-------------------------------------------|-------------------------------------------|----------------------------------------|------------------------------------------|-------------------------------------------|--------------------------------------------------------------|
| d ₁ min. mm | max. mm | d ₁ | D ±1,6 | b ₁ ±0,8 | b ±0,8 | B ¹⁾ | - |
| 44,73 | 44,88 | 44,86 44,86 | 52,40 52,40 | 14,30 14,30 | 17,48 17,48 | 20,65 20,65 | 99829 ²⁾ 99176 |
| 44,93 | 45,09 | 45,01 45,01 | 53,01 53,01 | 14,00 14,00 | 16,99 16,99 | 20,62 20,62 | 99830 ²⁾ 99177 |
| 45,16 | 45,31 | 45,24 | 53,98 | 16,94 | 20,32 | 26,97 | 99179 |
| 45,95 | 46,10 | 46,05 46,05 | 53,09 53,09 | 14,30 14,30 | 17,48 17,48 | 25,40 25,40 | 99831 ²⁾ 99181 |
| 47,17 | 47,32 | 47,22 | 54,76 | 14,30 | 17,48 | 25,40 | 99185 |
| 47,40 | 47,55 | 47,45 | 55,58 | 22,58 | 26,04 | 25,40 | 99186 |
| 47,55 | 47,70 | 47,63 47,63 47,63 47,63 47,63 | 55,96 55,96 55,96 55,96 55,96 | 4,45 7,49 9,53 14,30 14,30 | 7,49 10,54 13,11 17,48 17,48 | 18,90 18,90 26,67 25,40 25,40 | 99190 99188 99184 99832 ²⁾ 99187 |
| 47,93 | 48,08 | 48,03 | 56,01 | 14,00 | 16,97 | 24,99 | 99189 |
| 48,49 | 48,64 | 48,56 | 56,36 | 9,53 | 12,70 | 25,40 | 99192 |
| 49,12 | 49,28 | 49,23 49,23 | 56,36 56,36 | 14,30 14,30 | 17,48 17,48 | 25,40 25,40 | 99833 ²⁾ 99193 |
| 49,91 | 50,06 | 50,01 50,01 | 56,49 57,00 | 14,00 14,00 | 16,97 16,97 | 34,29 24,99 | 99052 99196 |
| 50,22 | 50,37 | 50,29 | 58,75 | 14,30 | 17,88 | 26,67 | 99198 |
| 50,72 | 50,88 | 50,80 50,80 50,80 50,80 | 61,11 61,11 61,11 61,11 | 14,30 14,30 22,23 22,23 | 17,48 17,48 25,40 25,40 | 25,55 25,40 25,40 25,40 | 99834 ²⁾ 99199 99835 ²⁾ 99200 |
| 51,82 | 51,99 | 51,99 | 62,71 | 12,70 | 15,88 | 34,52 | 99878 |
| 52,25 | 52,40 | 52,40 | 62,71 | 19,84 | 23,83 | 34,93 | 99205 |
| 53,92 | 54,05 | 53,98 | 61,52 | 12,70 | 19,05 | 32,54 | 99210 |
| 53,95 | 54,10 | 53,98 53,98 | 61,52 61,52 | 19,84 19,84 | 23,83 23,83 | 34,93 34,93 | 99836 ²⁾ 99212 |
| 54,91 | 55,07 | 54,99 54,99 | 62,00 62,00 | 19,99 19,99 | 22,99 22,99 | 31,75 31,75 | 99863 ²⁾ 99215 |
| 55,52 | 55,68 | 55,58 | 63,50 | 19,84 | 23,83 | 33,35 | 99218 |
| 55,83 | 56,01 | 56,01 56,01 | 64,29 64,29 | 12,70 19,79 | 15,88 23,77 | 33,35 80,01 | 99220 99224 |
| 56,57 | 56,72 | 56,64 56,64 56,64 | 64,29 64,29 64,29 | 12,70 12,70 19,84 | 15,88 15,88 23,01 | 33,35 33,35 31,75 | 99861 ²⁾ 99229 99230 |
| 56,82 | 56,97 | 56,90 | 65,10 | 19,41 | 22,86 | 31,75 | 99226 |
| 57,12 | 57,28 | 57,15 57,15 57,15 57,15 | 64,29 64,29 64,29 64,29 | 7,95 7,95 19,84 19,84 | 11,13 11,13 23,83 23,83 | 33,35 33,35 33,35 33,35 | 99838 ²⁾ 99227 99837 ²⁾ 99225 |
| 57,91 | 58,06 | 57,99 | 65,99 | 19,99 | 23,83 | 34,93 | 99219 |
| 58,65 | 58,80 | 58,75 | 68,28 | 19,84 | 23,83 | 34,93 | 99231 |
| 59,11 | 59,26 | 59,13 | 69,85 | 19,05 | 22,23 | 38,10 | 99233 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

 d_1 59,92–82,63 mm

All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|-------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------------------|
| d_1 min. | max. | d_1 | D $\pm 1,6$ | b_1 $\pm 0,8$ | b $\pm 0,8$ | B ¹⁾ | |
| mm | mm | mm | mm | mm | mm | mm | - |
| 59,92 | 60,07 | 59,99 59,99 59,99 | 70,74 70,74 70,74 | 9,40 19,99 19,99 | 11,43 22,99 22,99 | 37,36 34,93 34,93 | 99241 99869 ²⁾ 99235 |
| 60,25 | 60,40 | 60,33 | 69,85 | 15,09 | 19,05 | 34,93 | 99238 |
| 60,30 | 60,45 | 60,33 60,33 60,33 | 69,85 69,85 69,85 | 13,36 19,84 19,84 | 17,35 23,83 23,83 | 34,93 34,93 34,93 | 99240 99839 ²⁾ 99237 |
| 61,82 | 62,00 | 61,93 62,00 | 71,83 71,83 | 19,84 12,70 | 23,83 15,88 | 35,38 36,20 | 99243 99244 |
| 61,85 | 62,00 | 61,93 | 71,83 | 12,70 | 15,88 | 36,20 | 99242 |
| 63,22 | 63,37 | 63,30 | 73,03 | 19,84 | 23,83 | 35,38 | 99249 |
| 63,42 | 63,58 | 63,50 | 71,63 | 14,10 | 16,51 | 22,61 | 99253 |
| 63,50 | 63,65 | 63,50 63,50 63,50 | 71,83 71,63 71,63 | 12,70 19,84 19,84 | 16,66 23,83 23,83 | 35,38 34,93 34,93 | 99248 99840 ²⁾ 99250 |
| 63,75 | 63,91 | 63,91 | 71,83 | 19,84 | 23,01 | 36,53 | 99251 |
| 64,92 | 65,07 | 65,00 65,00 | 72,39 72,39 | 19,99 19,99 | 22,99 22,99 | 34,93 34,93 | 99841 ²⁾ 99254 |
| 65,02 | 65,18 | 65,10 | 73,43 | 19,84 | 23,83 | 34,93 | 99256 |
| 65,91 | 66,07 | 65,99 | 75,95 | 19,84 | 23,83 | 31,75 | 99259 |
| 66,50 | 66,65 | 66,57 | 77,39 | 19,84 | 23,83 | 34,93 | 99261 |
| 66,57 | 66,73 | 66,68 | 77,39 | 19,84 | 23,01 | 34,93 | 99264 |
| 66,60 | 66,75 | 66,68 | 77,39 | 12,70 | 15,88 | 34,93 | 99260 |
| 66,68 | 66,83 | 66,68 66,68 | 77,39 77,39 | 19,84 19,84 | 23,83 23,83 | 34,93 34,93 | 99842 ²⁾ 99262 |
| 67,82 | 68,00 | 68,00 | 79,38 | 19,05 | 22,23 | 42,88 | 99266 |
| 69,27 | 69,42 | 69,34 | 79,38 | 19,84 | 23,01 | 33,35 | 99268 |

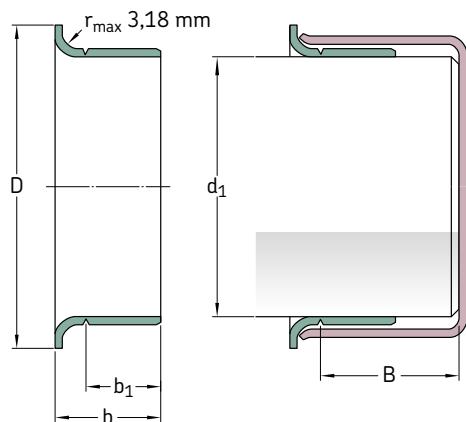
¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|----------------------|-----------------|------------------------------|-----------------|-----------------|---------------------|
| d ₁ min. mm | max. mm | d ₁ mm | D ±1,6 mm | b ₁ ±0,8 mm | b ±0,8 mm | B ¹⁾ | - |
| 69,60 | 69,75 | 69,67 | 77,85 | 19,84 | 23,83 | 31,75 | 99273 |
| 69,72 | 69,88 | 69,85 | 79,38 | 19,84 | 23,83 | 31,75 | 99843 ²⁾ |
| | | 69,85 | 79,38 | 19,84 | 23,83 | 31,75 | 99274 |
| 69,77 | 69,93 | 69,85 | 78,11 | 36,53 | 41,28 | 41,28 | 99267 |
| 69,85 | 70,00 | 69,85 | 79,38 | 10,31 | 14,30 | 31,75 | 99272 |
| | | 69,85 | 79,38 | 19,84 | 23,83 | 31,75 | 99844 ²⁾ |
| | | 69,85 | 79,38 | 19,84 | 23,83 | 31,75 | 99275 |
| | | 69,85 | 79,38 | 28,58 | 31,75 | 33,32 | 99269 |
| 69,93 | 70,08 | 70,00 | 79,38 | 19,99 | 24,00 | 31,75 | 99276 |
| 71,35 | 71,50 | 71,45 | 80,98 | 15,09 | 17,48 | 31,75 | 99281 |
| 71,83 | 72,01 | 72,01 | 81,92 | 19,05 | 22,23 | 34,11 | 99870 ²⁾ |
| | | 72,01 | 81,92 | 19,05 | 22,23 | 34,11 | 99284 |
| 72,09 | 72,24 | 72,09 | 81,92 | 12,70 | 16,66 | 31,75 | 99845 ²⁾ |
| | | 72,09 | 81,92 | 12,70 | 16,66 | 31,75 | 99282 |
| 72,80 | 72,95 | 72,87 | 80,98 | 19,84 | 23,83 | 31,75 | 99286 |
| 72,97 | 73,13 | 73,03 | 81,76 | 19,84 | 23,83 | 31,75 | 99846 ²⁾ |
| | | 73,03 | 81,76 | 19,84 | 23,83 | 31,75 | 99287 |
| 74,60 | 74,75 | 74,63 | 84,94 | 12,70 | 16,28 | 33,81 | 99290 |
| | | 74,63 | 84,94 | 19,84 | 23,83 | 33,35 | 99847 ²⁾ |
| | | 74,68 | 84,94 | 19,84 | 23,83 | 33,35 | 99293 |
| 74,93 | 75,08 | 75,01 | 83,13 | 15,09 | 17,53 | 27,51 | 99289 |
| | | 75,01 | 83,95 | 22,00 | 26,01 | 33,35 | 99875 ²⁾ |
| | | 75,01 | 83,95 | 22,00 | 26,01 | 33,35 | 99294 |
| 75,49 | 75,59 | 75,54 | 82,17 | 20,65 | 25,40 | 31,75 | 99292 |
| 75,95 | 76,10 | 76,02 | 85,32 | 12,29 | 15,88 | 33,81 | 99291 |
| | | 76,02 | 85,32 | 14,30 | 17,48 | 34,93 | 99298 |
| | | 76,02 | 85,09 | 20,65 | 25,40 | 32,54 | 99299 |
| 76,12 | 76,28 | 76,20 | 82,30 | 20,65 | 23,83 | 34,93 | 99296 |
| 76,20 | 76,35 | 76,20 | 84,96 | 15,88 | 20,65 | 32,51 | 99048 |
| | | 76,20 | 82,17 | 20,65 | 25,40 | 32,54 | 99848 ²⁾ |
| | | 76,20 | 82,17 | 20,65 | 25,40 | 32,54 | 99300 |
| 76,40 | 76,56 | 76,48 | 85,22 | 12,70 | 15,88 | 50,80 | 99301 |
| 77,83 | 78,00 | 78,00 | 88,09 | 19,05 | 22,23 | 52,22 | 99306 |
| 79,25 | 79,40 | 79,38 | 89,69 | 17,48 | 20,65 | 50,80 | 99311 |
| | | 79,38 | 89,69 | 20,65 | 25,40 | 50,80 | 99849 ²⁾ |
| | | 79,38 | 89,69 | 20,65 | 25,40 | 50,80 | 99312 |
| 79,35 | 79,55 | 79,38 | 89,54 | 14,00 | 18,01 | 51,59 | 99053 |
| 79,81 | 80,01 | 80,01 | 89,92 | 19,05 | 22,50 | 34,93 | 99313 |
| 79,91 | 80,09 | 80,01 | 89,99 | 11,00 | 15,01 | 34,93 | 99317 |
| | | 80,01 | 89,99 | 21,01 | 24,00 | 34,93 | 99315 |
| 81,92 | 82,07 | 81,99 | 91,06 | 16,76 | 21,54 | 44,45 | 99328 |
| 82,47 | 82,63 | 82,55 | 91,29 | 20,65 | 25,40 | 34,93 | 99322 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

 d_1 82,55–123,11 mm

All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|------------|--------------------|----------------------|--------------------------|----------------------|-----------------------|---------------------|
| d_1 min. mm | max. mm | d_1 mm | D $\pm 1,6$ mm | b_1 $\pm 0,8$ mm | b $\pm 0,8$ mm | B ¹⁾ mm | |
| 82,55 | 82,70 | 82,55 | 90,81 | 15,11 | 18,26 | 34,93 | 99850 ²⁾ |
| | | 82,55 | 90,81 | 15,11 | 18,26 | 34,93 | 99324 |
| | | 82,55 | 91,06 | 17,48 | 22,23 | 31,75 | 99326 |
| | | 82,55 | 91,06 | 20,65 | 25,40 | 34,93 | 99851 ²⁾ |
| | | 82,55 | 91,06 | 20,65 | 25,40 | 34,93 | 99325 |
| 84,00 | 84,15 | 84,07 | 93,68 | 20,65 | 25,40 | 34,93 | 99331 |
| 84,76 | 85,01 | 84,89 | 93,98 | 16,99 | 21,01 | 35,00 | 99332 |
| | | 84,89 | 93,98 | 21,01 | 24,99 | 35,00 | 99872 ²⁾ |
| | | 84,89 | 93,98 | 21,01 | 24,99 | 35,00 | 99333 |
| 84,79 | 85,01 | 85,01 | 90,93 | 10,13 | 12,67 | 36,35 | 99334 |
| 85,67 | 85,83 | 85,73 | 93,68 | 9,53 | 12,70 | 35,81 | 99338 |
| | | 85,73 | 93,85 | 20,65 | 25,40 | 34,93 | 99337 |
| 87,25 | 87,40 | 87,33 | 97,64 | 19,84 | 23,01 | 35,71 | 99339 |
| 87,80 | 88,00 | 88,00 | 95,28 | 29,21 | 34,27 | 42,50 | 99481 |
| 88,32 | 88,47 | 88,39 | 97,41 | 19,84 | 23,01 | 35,71 | 99340 |
| 88,82 | 88,98 | 88,90 | 97,64 | 15,88 | 20,65 | 34,21 | 99346 |
| 88,90 | 89,05 | 88,90 | 97,16 | 7,95 | 12,70 | 34,21 | 99347 |
| | | 88,90 | 97,64 | 20,65 | 25,40 | 34,21 | 99852 ²⁾ |
| | | 88,90 | 97,64 | 20,65 | 25,40 | 34,21 | 99350 |
| 88,93 | 89,08 | 89,00 | 97,64 | 15,88 | 20,65 | 34,24 | 99349 |
| 89,92 | 90,07 | 89,99 | 101,60 | 11,13 | 13,67 | 46,05 | 99352 |
| | | 89,99 | 101,60 | 13,36 | 16,94 | 44,45 | 99353 |
| | | 89,99 | 101,60 | 18,03 | 23,01 | 46,05 | 99351 |
| | | 89,99 | 101,60 | 23,01 | 27,99 | 44,45 | 99354 |
| 90,42 | 90,58 | 90,50 | 99,06 | 20,65 | 25,40 | 44,45 | 99356 |
| 91,90 | 92,05 | 91,97 | 102,39 | 20,65 | 25,40 | 44,45 | 99360 |
| 92,02 | 92,18 | 92,08 | 102,24 | 12,70 | 15,88 | 44,45 | 99363 |
| | | 92,08 | 102,39 | 20,65 | 25,40 | 44,45 | 99362 |
| 93,57 | 93,73 | 93,68 | 102,39 | 7,95 | 11,13 | 22,23 | 99368 |

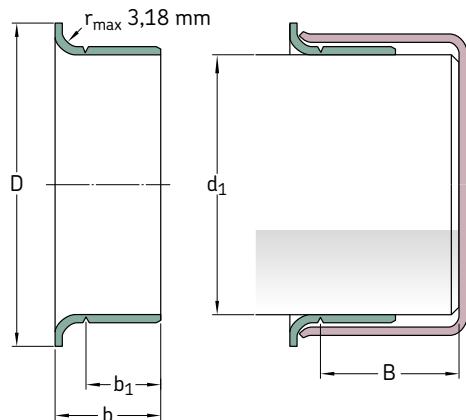
¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|------------------------------------------------|------------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|---------------------------------------------------------|
| d ₁ min. mm | max. mm | d ₁ mm | D ±1,6 mm | b ₁ ±0,8 mm | b ±0,8 mm | B ¹⁾ | - |
| 93,60 | 93,75 | 93,68 | 102,24 | 20,65 | 23,83 | 45,72 | 99365 |
| 94,67 | 94,82 | 94,74 94,74 | 102,01 102,24 | 11,91 19,84 | 15,09 23,01 | 45,72 45,72 | 99359 99366 |
| 94,92 | 95,07 | 95,00 | 102,24 | 21,01 | 24,00 | 45,72 | 99369 |
| 95,00 | 95,15 | 95,07 95,07 | 102,39 102,49 | 8,74 11,91 | 12,70 15,09 | 45,72 45,72 | 99374 99364 |
| 95,15 | 95,30 | 95,22 | 102,24 | 14,30 | 17,48 | 45,72 | 99376 |
| 95,25 | 95,40 | 95,25 95,33 95,33 | 102,11 102,24 102,11 | 17,48 8,74 17,48 | 22,23 12,70 22,23 | 45,72 45,72 45,72 | 99853 ²⁾ 99367 99372 |
| 98,25 | 98,40 | 98,32 | 106,30 | 20,65 | 25,40 | 47,63 | 99386 |
| 98,37 | 98,53 | 98,43 | 107,16 | 20,65 | 25,40 | 47,63 | 99387 |
| 99,95 | 100,10 | 100,03 100,03 | 109,55 109,55 | 20,65 20,65 | 25,40 25,40 | 52,07 52,07 | 99854 ²⁾ 99393 |
| 101,55 | 101,75 | 101,60 101,60 101,60 101,60 101,60 | 111,13 111,13 111,13 111,13 111,13 | 12,70 15,24 16,51 20,65 20,65 | 15,88 18,42 19,69 25,40 25,40 | 52,48 52,07 34,93 52,07 52,07 | 99401 99395 99400 99855 ²⁾ 99399 |
| 103,89 | 104,09 | 103,99 | 112,73 | 19,99 | 24,00 | 35,99 | 99409 |
| 104,70 | 104,90 | 104,78 | 113,54 | 20,65 | 25,40 | 34,93 | 99412 |
| 104,90 | 105,11 | 105,00 | 113,54 | 19,99 | 23,19 | 35,00 | 99413 |
| 106,25 | 106,45 | 106,38 | 114,30 | 20,65 | 25,40 | 34,93 | 99418 |
| 107,34 | 107,54 | 107,54 | 117,09 | 19,84 | 23,01 | 36,53 | 99423 |
| 107,90 | 108,10 | 107,95 | 117,09 | 20,65 | 25,40 | 36,53 | 99424 |
| 109,78 | 110,01 | 110,01 | 124,99 | 11,38 | 14,96 | 32,94 | 99434 |
| 109,91 | 110,11 | 109,93 | 124,99 | 12,93 | 16,51 | 31,75 | 99435 |
| 111,00 | 111,20 | 111,13 | 120,65 | 20,65 | 25,40 | 41,91 | 99437 |
| 111,79 | 111,99 | 111,99 | 120,65 | 19,05 | 22,50 | 33,02 | 99438 |
| 112,62 | 112,83 | 112,73 | 122,25 | 25,40 | 29,01 | 33,35 | 99439 |
| 114,20 | 114,40 | 114,30 114,30 | 123,19 124,46 | 20,65 20,65 | 25,40 25,40 | 31,75 31,75 | 99856 ²⁾ 99450 |
| 114,88 | 115,09 | 115,01 | 127,00 | 20,65 | 23,83 | 31,75 | 99452 |
| 117,37 | 117,58 | 117,48 117,48 | 127,00 128,60 | 11,13 25,40 | 15,88 31,75 | 34,93 34,93 | 99465 99463 |
| 119,00 | 119,20 | 119,08 | 128,60 | 20,65 | 25,40 | 34,93 | 99468 |
| 119,89 | 120,09 | 119,99 119,99 | 129,79 129,79 | 8,00 19,99 | 11,00 24,99 | 33,60 32,00 | 99471 99473 |
| 120,55 | 120,75 | 120,65 | 127,00 | 12,70 | 19,05 | 38,10 | 99475 |
| 121,89 | 122,10 | 122,00 | 131,50 | 19,99 | 24,00 | 32,00 | 99472 |
| 122,91 | 123,11 | 123,01 | 132,82 | 19,99 | 24,99 | 31,60 | 99484 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)
 d_1 123,72–203,33 mm



All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|--------|--------------------|----------------|--------------------|----------------|-----------------|---------------------|
| d_1 min. | max. | d_1 | D $\pm 1,6$ | b_1 $\pm 0,8$ | b $\pm 0,8$ | B ¹⁾ | |
| mm | mm | | | | | | - |
| 123,72 | 123,93 | 123,83 | 133,35 | 15,88 | 19,05 | 36,53 | 99487 |
| 124,89 | 125,10 | 124,99 | 137,16 | 10,01 | 14,00 | 36,53 | 99490 |
| | | 124,99 | 137,16 | 26,01 | 32,00 | 36,53 | 99492 |
| 126,95 | 127,15 | 127,00 | 137,16 | 13,72 | 17,30 | 36,53 | 99501 |
| | | 127,00 | 137,16 | 17,48 | 22,23 | 36,53 | 99857 ²⁾ |
| | | 127,00 | 137,16 | 17,48 | 22,23 | 36,53 | 99498 |
| | | 127,00 | 136,91 | 20,65 | 25,40 | 36,53 | 99858 ²⁾ |
| | | 127,00 | 136,91 | 20,65 | 25,40 | 36,53 | 99499 |
| 127,80 | 128,00 | 128,00 | 135,26 | 29,21 | 34,27 | 40,30 | 99482 |
| 129,79 | 130,00 | 129,90 | 139,52 | 19,05 | 23,83 | 30,00 | 99494 |
| 129,97 | 130,18 | 130,00 | 139,52 | 22,00 | 25,30 | 32,51 | 99874 ²⁾ |
| | | 130,18 | 139,52 | 22,00 | 25,30 | 32,51 | 99491 |
| 130,05 | 130,25 | 130,18 | 139,70 | 20,65 | 25,40 | 31,75 | 99513 |
| 133,25 | 133,45 | 133,35 | 141,22 | 20,65 | 25,40 | 31,75 | 99525 |
| 134,80 | 135,00 | 134,90 | 145,67 | 20,50 | 25,40 | 31,75 | 99533 |
| 136,42 | 136,63 | 136,53 | 149,23 | 20,65 | 25,40 | 31,75 | 99537 |
| 138,02 | 138,23 | 138,13 | 146,05 | 38,10 | 42,88 | 47,63 | 99548 |
| 138,99 | 139,19 | 139,09 | 149,86 | 14,30 | 19,05 | 31,34 | 99547 |
| 139,65 | 139,85 | 139,70 | 150,83 | 13,16 | 17,91 | 31,75 | 99550 |
| | | 139,70 | 150,83 | 20,65 | 25,40 | 31,75 | 99859 ²⁾ |
| | | 139,70 | 150,83 | 20,65 | 25,40 | 31,75 | 99549 |
| 139,90 | 140,11 | 140,00 | 151,00 | 20,50 | 25,40 | 31,75 | 99552 |
| 142,77 | 142,98 | 142,88 | 157,18 | 22,23 | 25,40 | 46,02 | 99560 |
| 144,75 | 145,01 | 145,01 | 154,94 | 19,05 | 22,23 | 46,02 | 99571 |
| 145,44 | 145,64 | 145,64 | 154,94 | 14,30 | 19,05 | 49,23 | 99562 |
| 145,95 | 146,15 | 146,05 | 156,97 | 20,65 | 25,40 | 44,45 | 99575 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used

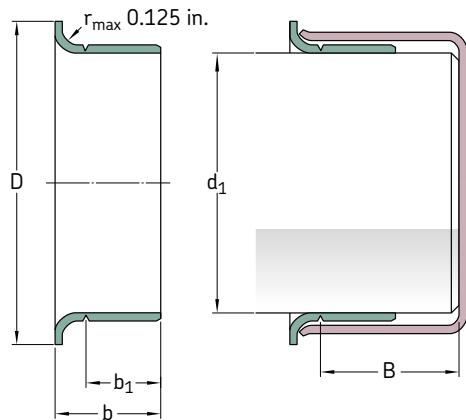
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – metric dimensions (converted from inch dimensions)

| Shaft diameter range | | Nominal dimensions | | | | | Designation | |
|------------------------|--------|--------------------|------------------|------------------------|----------------|-----------------|------------------------------|---|
| d ₁ min. | max. | d ₁ | D ±1,6 | b ₁ ±0,8 | b ±0,8 | B ¹⁾ | | |
| | | mm | | | | | | – |
| 149,12 | 149,33 | 149,23 149,23 | 157,18 157,18 | 25,40 | 31,75 31,75 | 33,35 33,35 | 99862 ²⁾ 99587 | |
| 149,76 | 150,01 | 149,99 | 159,00 | 26,01 | 30,00 | 32,51 | 99595 | |
| 150,72 | 150,93 | 150,83 | 161,93 | 25,40 | 28,58 | 47,63 | 99596 | |
| 152,27 | 152,48 | 152,40 152,40 | 161,54 161,93 | 12,70 25,40 | 19,05 31,75 | 44,45 44,45 | 99601 99599 | |
| 153,87 | 154,13 | 154,00 | 161,93 | 26,01 | 30,00 | 32,99 | 99605 | |
| 154,74 | 154,99 | 154,86 | 167,01 | 26,01 | 30,00 | 32,99 | 99606 | |
| 157,43 | 157,68 | 157,56 | 168,28 | 20,65 | 27,00 | 44,45 | 99620 | |
| 158,62 | 158,88 | 158,75 | 168,28 | 26,19 | 31,75 | 44,45 | 99625 | |
| 159,74 | 159,99 | 159,99 | 171,45 | 25,40 | 31,75 | 34,93 | 99630 | |
| 164,97 | 165,23 | 165,10 | 177,80 | 25,40 | 31,75 | 34,93 | 99650 | |
| 169,75 | 170,00 | 169,88 | 182,58 | 31,75 | 38,00 | 44,45 | 99640 | |
| 171,32 | 171,58 | 171,45 | 180,98 | 20,65 | 27,00 | 44,45 | 99675 | |
| 174,75 | 175,01 | 175,01 | 186,99 | 27,99 | 32,00 | 35,00 | 99687 | |
| 177,67 | 177,93 | 177,80 177,80 | 189,87 189,87 | 25,40 25,40 | 31,75 31,75 | 42,88 42,88 | 99864 ²⁾ 99700 | |
| 179,76 | 180,01 | 180,01 | 190,50 | 32,99 | 38,00 | 44,50 | 99721 | |
| 184,00 | 184,25 | 184,15 | 197,10 | 31,75 | 38,10 | 55,25 | 99725 | |
| 184,73 | 184,99 | 184,86 | 197,10 | 32,00 | 38,00 | 54,99 | 99726 | |
| 189,08 | 189,33 | 189,31 | 199,64 | 20,65 | 25,40 | 31,75 | 99745 | |
| 190,37 | 190,63 | 190,50 | 200,03 | 20,65 | 25,40 | 31,75 | 99750 | |
| 196,72 | 196,98 | 196,85 | 210,06 | 25,40 | 33,35 | 47,63 | 99775 | |
| 199,87 | 200,13 | 200,03 | 212,73 | 34,52 | 38,10 | 44,45 | 99787 | |
| 201,50 | 201,75 | 201,63 | 212,73 | 25,40 | 31,75 | 44,45 | 99799 | |
| 203,07 | 203,33 | 203,20 | 212,73 | 25,40 | 31,75 | 44,45 | 99800 | |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – inch dimensions

 d_1 0.472–1.496

All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|-------|--------------------|------------------|----------------------|--------------------|-----------------|------------------------------|
| d_1 min. | max. | d_1 | D ± 0.063 | b_1 ± 0.031 | b ± 0.031 | B ¹⁾ | |
| in | in | | | | | | - |
| 0.472 | 0.475 | 0.472 | 0.610 | 0.236 | 0.331 | 1.875 | 99049 |
| 0.498 | 0.502 | 0.500 | 0.610 | 0.250 | 0.344 | 2.000 | 99050 |
| 0.547 | 0.551 | 0.551 | 0.750 | 0.250 | 0.391 | 1.831 | 99055 |
| 0.560 | 0.566 | 0.563 | 0.750 | 0.250 | 0.391 | 1.831 | 99056 |
| 0.589 | 0.593 | 0.591 | 0.750 | 0.197 | 0.354 | 1.862 | 99059 |
| 0.623 | 0.627 | 0.625 0.625 | 0.750 0.750 | 0.313 0.313 | 0.406 0.406 | 2.000 2.000 | 99810 ²⁾ 99062 |
| 0.626 | 0.630 | 0.630 | 0.718 | 0.313 | 0.438 | 2.000 | 99058 |
| 0.667 | 0.671 | 0.669 | 0.875 | 0.315 | 0.433 | 2.000 | 99068 |
| 0.682 | 0.686 | 0.684 | 0.900 | 0.313 | 0.438 | 2.000 | 99060 |
| 0.704 | 0.709 | 0.709 | 0.962 | 0.315 | 0.433 | 1.811 | 99082 |
| 0.748 | 0.752 | 0.750 0.750 | 0.945 0.945 | 0.313 0.313 | 0.438 0.438 | 2.000 2.000 | 99811 ²⁾ 99076 |
| 0.759 | 0.761 | 0.760 | 0.938 | 0.313 | 0.438 | 2.000 | 99081 |
| 0.780 | 0.784 | 0.781 | 0.935 | 0.313 | 0.438 | 2.000 | 99080 |
| 0.785 | 0.789 | 0.787 | 0.930 | 0.315 | 0.433 | 2.000 | 99078 |
| 0.812 | 0.815 | 0.813 | 1.188 | 0.375 | 0.563 | 3.000 | 99083 |
| 0.857 | 0.861 | 0.859 | 1.155 | 0.250 | 0.375 | 2.000 | 99086 |
| 0.861 | 0.866 | 0.866 0.866 | 1.188 1.188 | 0.259 0.315 | 0.359 0.472 | 1.856 1.812 | 99084 99085 |
| 0.873 | 0.877 | 0.875 0.875 | 1.094 1.094 | 0.313 0.313 | 0.438 0.438 | 2.000 2.000 | 99812 ²⁾ 99087 |
| 0.908 | 0.912 | 0.910 0.910 | 1.218 1.218 | 0.313 0.313 | 0.438 0.438 | 1.847 1.847 | 99860 ²⁾ 99091 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used

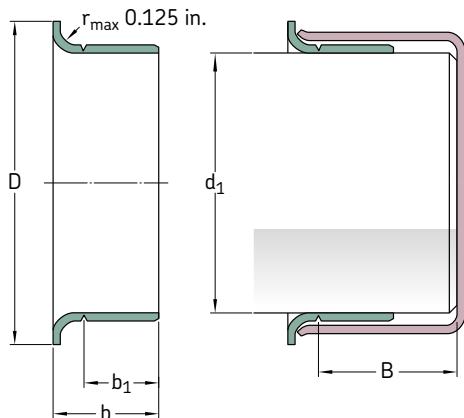
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – inch dimensions

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|----------------------|-------------|--------------------------|-------------|-----------------|---------------------|
| d ₁ min. in | max. in | d ₁ in | D ±0.063 | b ₁ ±0.031 | b ±0.031 | B ¹⁾ | - |
| 0.940 | 0.945 | 0.945 | 1.130 | 0.313 | 0.438 | 2.000 | 99092 |
| 0.966 | 0.970 | 0.969 | 1.130 | 0.313 | 0.438 | 2.000 | 99094 |
| | | 0.969 | 1.130 | 0.625 | 0.719 | 2.000 | 99096 |
| 0.982 | 0.986 | 0.984 | 1.300 | 0.313 | 0.433 | 2.000 | 99813 ²⁾ |
| | | 0.984 | 1.300 | 0.313 | 0.433 | 2.000 | 99098 |
| 0.998 | 1.002 | 1.000 | 1.219 | 0.313 | 0.438 | 2.000 | 99814 ²⁾ |
| | | 1.000 | 1.219 | 0.313 | 0.438 | 2.000 | 99868 |
| 1.019 | 1.024 | 1.024 | 1.313 | 0.315 | 0.472 | 1.813 | 99103 |
| 1.060 | 1.064 | 1.063 | 1.320 | 0.313 | 0.438 | 1.843 | 99815 ²⁾ |
| | | 1.063 | 1.320 | 0.313 | 0.438 | 1.843 | 99106 |
| 1.087 | 1.091 | 1.089 | 1.406 | 0.313 | 0.438 | 0.625 | 99108 |
| 1.100 | 1.104 | 1.102 | 1.375 | 0.375 | 0.500 | 1.843 | 99866 ²⁾ |
| | | 1.102 | 1.375 | 0.375 | 0.500 | 1.843 | 99111 |
| 1.123 | 1.127 | 1.125 | 1.500 | 0.313 | 0.438 | 0.688 | 99816 ²⁾ |
| | | 1.125 | 1.500 | 0.313 | 0.438 | 0.688 | 99112 |
| | | 1.125 | 1.500 | 0.375 | 0.500 | 0.688 | 99116 |
| 1.154 | 1.158 | 1.156 | 1.350 | 0.375 | 0.500 | 0.688 | 99865 ²⁾ |
| | | 1.156 | 1.350 | 0.375 | 0.500 | 0.688 | 99120 |
| 1.173 | 1.178 | 1.175 | 1.400 | 0.313 | 0.438 | 0.688 | 99122 |
| 1.179 | 1.184 | 1.181 | 1.400 | 0.315 | 0.433 | 0.688 | 99114 |
| 1.185 | 1.190 | 1.188 | 1.400 | 0.313 | 0.438 | 0.688 | 99118 |
| 1.216 | 1.222 | 1.219 | 1.563 | 0.313 | 0.433 | 0.625 | 99123 |
| 1.237 | 1.243 | 1.240 | 1.540 | 0.315 | 0.438 | 0.688 | 99141 |
| 1.247 | 1.253 | 1.250 | 1.500 | 0.313 | 0.438 | 0.688 | 99817 ²⁾ |
| | | 1.250 | 1.500 | 0.313 | 0.438 | 0.688 | 99125 |
| 1.257 | 1.263 | 1.260 | 1.500 | 0.315 | 0.438 | 0.688 | 99128 |
| 1.297 | 1.301 | 1.299 | 1.594 | 0.591 | 0.709 | 1.000 | 99121 |
| 1.308 | 1.314 | 1.313 | 1.600 | 0.250 | 0.375 | 0.813 | 99129 |
| 1.310 | 1.316 | 1.313 | 1.594 | 0.500 | 0.625 | 0.813 | 99818 ²⁾ |
| | | 1.313 | 1.594 | 0.500 | 0.625 | 0.813 | 99131 |
| 1.333 | 1.339 | 1.339 | 1.625 | 0.500 | 0.625 | 0.813 | 99134 |
| 1.371 | 1.377 | 1.375 | 1.638 | 0.313 | 0.438 | 0.813 | 99133 |
| | | 1.375 | 1.638 | 0.500 | 0.625 | 0.813 | 99819 ²⁾ |
| | | 1.375 | 1.638 | 0.500 | 0.625 | 0.813 | 99138 |
| 1.375 | 1.381 | 1.375 | 1.638 | 0.512 | 0.630 | 0.813 | 99820 ²⁾ |
| | | 1.375 | 1.638 | 0.512 | 0.630 | 0.813 | 99139 |
| 1.411 | 1.417 | 1.417 | 1.781 | 0.512 | 0.669 | 0.984 | 99146 |
| 1.432 | 1.438 | 1.438 | 1.781 | 0.563 | 0.688 | 1.016 | 99821 ²⁾ |
| | | 1.438 | 1.781 | 0.563 | 0.688 | 1.016 | 99143 |
| 1.435 | 1.441 | 1.438 | 1.781 | 0.375 | 0.500 | 1.016 | 99144 |
| 1.490 | 1.496 | 1.496 | 1.781 | 0.512 | 0.669 | 0.984 | 99147 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – inch dimensions
d₁ 1.497–2.243



All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------|-------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------------------------------------------------------------|
| d ₁ min. | max. | d ₁ | D ±0.063 | b ₁ ±0.031 | b ±0.031 | B ¹⁾ | |
| | | in | | | | | |
| 1.497 | 1.503 | 1.500 1.500 1.500 1.500 | 1.781 1.781 1.781 1.781 | 0.375 0.375 0.563 0.563 | 0.500 0.500 0.688 0.688 | 1.016 1.016 1.016 1.016 | 99823 ²⁾ 99150 99822 ²⁾ 99149 |
| 1.520 | 1.526 | 1.523 | 1.859 | 0.438 | 0.563 | 1.016 | 99152 |
| 1.549 | 1.555 | 1.552 | 1.859 | 0.438 | 0.563 | 1.016 | 99155 |
| 1.559 | 1.565 | 1.562 1.562 | 1.859 1.859 | 0.563 0.563 | 0.688 0.688 | 1.016 1.016 | 99824 ²⁾ 99156 |
| 1.566 | 1.572 | 1.569 | 1.859 | 0.625 | 0.750 | 1.016 | 99159 |
| 1.569 | 1.575 | 1.575 | 1.850 | 0.390 | 0.509 | 1.000 | 99153 |
| 1.572 | 1.578 | 1.578 1.578 | 1.850 1.850 | 0.512 0.512 | 0.630 0.630 | 1.023 1.023 | 99825 ²⁾ 99157 |
| 1.602 | 1.608 | 1.605 | 1.938 | 0.500 | 0.641 | 1.000 | 99160 |
| 1.608 | 1.614 | 1.614 | 1.938 | 0.500 | 0.625 | 1.016 | 99163 |
| 1.622 | 1.628 | 1.625 1.625 1.625 | 1.875 1.875 1.875 | 0.313 0.563 0.563 | 0.438 0.688 0.688 | 1.016 0.813 0.813 | 99161 99826 ²⁾ 99162 |
| 1.647 | 1.654 | 1.650 1.650 1.654 | 2.087 2.087 2.087 | 0.445 0.563 0.563 | 0.571 0.689 0.689 | 0.846 0.827 0.827 | 99166 99169 99873 ²⁾ |
| 1.653 | 1.659 | 1.656 | 2.087 | 0.550 | 0.689 | 0.827 | 99165 |
| 1.684 | 1.690 | 1.688 | 1.906 | 0.563 | 0.688 | 0.875 | 99168 |
| 1.685 | 1.691 | 1.688 | 1.906 | 0.313 | 0.438 | 0.875 | 99167 |
| 1.687 | 1.693 | 1.693 | 1.906 | 0.500 | 0.625 | 0.844 | 99182 |
| 1.715 | 1.721 | 1.719 | 2.031 | 0.563 | 0.688 | 0.813 | 99171 |
| 1.736 | 1.742 | 1.739 | 2.063 | 0.375 | 0.500 | 0.813 | 99170 |
| 1.747 | 1.753 | 1.750 | 2.055 | 0.375 | 0.500 | 0.813 | 99172 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used

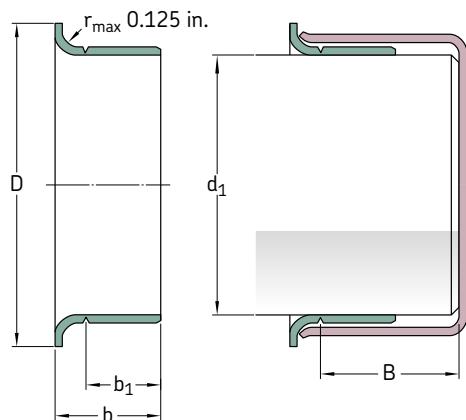
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – inch dimensions

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------|-------|--------------------|-------------|--------------------------|-------------|-----------------|---------------------|
| d ₁ min. | max. | d ₁ | D ±0.063 | b ₁ ±0.031 | b ±0.031 | B ¹⁾ | |
| in | in | | | | | - | |
| 1.761 | 1.767 | 1.750 | 2.063 | 0.531 | 0.625 | 0.878 | 99180 |
| | | 1.750 | 2.063 | 0.563 | 0.688 | 0.813 | 99827 ²⁾ |
| | | 1.750 | 2.063 | 0.563 | 0.688 | 0.813 | 99174 |
| | | 1.750 | 2.063 | 0.750 | 0.875 | 0.813 | 99828 ²⁾ |
| | | 1.750 | 2.063 | 0.750 | 0.875 | 0.813 | 99175 |
| 1.769 | 1.775 | 1.766 | 2.063 | 0.563 | 0.688 | 0.813 | 99829 ²⁾ |
| | | 1.766 | 2.063 | 0.563 | 0.688 | 0.813 | 99176 |
| 1.778 | 1.784 | 1.772 | 2.087 | 0.551 | 0.669 | 0.812 | 99830 ²⁾ |
| | | 1.772 | 2.087 | 0.551 | 0.669 | 0.812 | 99177 |
| 1.809 | 1.815 | 1.813 | 2.090 | 0.563 | 0.688 | 1.000 | 99831 ²⁾ |
| | | 1.813 | 2.090 | 0.563 | 0.688 | 1.000 | 99181 |
| 1.857 | 1.863 | 1.859 | 2.156 | 0.563 | 0.688 | 1.000 | 99185 |
| 1.866 | 1.872 | 1.868 | 2.188 | 0.889 | 1.025 | 1.000 | 99186 |
| 1.872 | 1.878 | 1.875 | 2.203 | 0.175 | 0.295 | 0.744 | 99190 |
| | | 1.875 | 2.203 | 0.295 | 0.415 | 0.744 | 99188 |
| | | 1.875 | 2.203 | 0.375 | 0.516 | 1.050 | 99184 |
| | | 1.875 | 2.203 | 0.563 | 0.688 | 1.000 | 99832 ²⁾ |
| | | 1.875 | 2.203 | 0.563 | 0.688 | 1.000 | 99187 |
| 1.887 | 1.893 | 1.891 | 2.205 | 0.551 | 0.668 | 0.984 | 99189 |
| 1.909 | 1.915 | 1.912 | 2.219 | 0.375 | 0.500 | 1.000 | 99192 |
| 1.934 | 1.940 | 1.938 | 2.219 | 0.563 | 0.688 | 1.000 | 99833 ²⁾ |
| | | 1.938 | 2.219 | 0.563 | 0.688 | 1.000 | 99193 |
| 1.965 | 1.971 | 1.969 | 2.244 | 0.551 | 0.668 | 1.350 | 99052 |
| | | 1.969 | 2.244 | 0.551 | 0.668 | 0.984 | 99196 |
| 1.977 | 1.983 | 1.980 | 2.313 | 0.563 | 0.704 | 1.050 | 99198 |
| 1.997 | 2.003 | 2.000 | 2.406 | 0.563 | 0.688 | 1.006 | 99834 ²⁾ |
| | | 2.000 | 2.406 | 0.563 | 0.688 | 1.000 | 99199 |
| | | 2.000 | 2.406 | 0.875 | 1.000 | 1.000 | 99835 ²⁾ |
| | | 2.000 | 2.406 | 0.875 | 1.000 | 1.000 | 99200 |
| 2.040 | 2.047 | 2.047 | 2.469 | 0.500 | 0.625 | 1.359 | 99878 |
| 2.057 | 2.063 | 2.063 | 2.469 | 0.781 | 0.938 | 1.375 | 99205 |
| 2.123 | 2.128 | 2.125 | 2.422 | 0.500 | 0.750 | 1.281 | 99210 |
| 2.124 | 2.130 | 2.125 | 2.422 | 0.781 | 0.938 | 1.375 | 99836 ²⁾ |
| | | 2.125 | 2.422 | 0.781 | 0.938 | 1.375 | 99212 |
| 2.162 | 2.168 | 2.165 | 2.441 | 0.787 | 0.905 | 1.250 | 99863 ²⁾ |
| | | 2.165 | 2.441 | 0.787 | 0.905 | 1.250 | 99215 |
| 2.186 | 2.192 | 2.188 | 2.500 | 0.781 | 0.938 | 1.313 | 99218 |
| 2.198 | 2.205 | 2.205 | 2.531 | 0.500 | 0.625 | 1.313 | 99220 |
| | | 2.205 | 2.531 | 0.779 | 0.936 | 3.150 | 99224 |
| 2.227 | 2.233 | 2.230 | 2.531 | 0.500 | 0.625 | 1.313 | 99861 ²⁾ |
| | | 2.230 | 2.531 | 0.500 | 0.625 | 1.313 | 99229 |
| | | 2.230 | 2.531 | 0.781 | 0.906 | 1.250 | 99230 |
| 2.237 | 2.243 | 2.240 | 2.563 | 0.764 | 0.900 | 1.250 | 99226 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – inch dimensions

 d_1 2.249–3.150

All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|-------|--------------------|------------------|----------------------|------------------|-----------------|---------------------|
| d_1 min. | max. | d_1 | D ± 0.063 | b_1 ± 0.031 | b ± 0.031 | B ¹⁾ | |
| | | in | | | | | |
| 2.249 | 2.255 | 2.250 | 2.531 | 0.313 | 0.438 | 1.313 | 99838 ²⁾ |
| | | 2.250 | 2.531 | 0.313 | 0.438 | 1.313 | 99227 |
| | | 2.250 | 2.531 | 0.781 | 0.938 | 1.313 | 99837 ²⁾ |
| | | 2.250 | 2.531 | 0.781 | 0.938 | 1.313 | 99225 |
| 2.280 | 2.286 | 2.283 | 2.598 | 0.787 | 0.938 | 1.375 | 99219 |
| 2.309 | 2.315 | 2.313 | 2.688 | 0.781 | 0.938 | 1.375 | 99231 |
| 2.327 | 2.333 | 2.328 | 2.750 | 0.750 | 0.875 | 1.500 | 99233 |
| 2.359 | 2.365 | 2.362 | 2.785 | 0.370 | 0.450 | 1.471 | 99241 |
| | | 2.362 | 2.785 | 0.787 | 0.905 | 1.375 | 99869 ²⁾ |
| | | 2.362 | 2.785 | 0.787 | 0.905 | 1.375 | 99235 |
| 2.372 | 2.378 | 2.375 | 2.750 | 0.594 | 0.750 | 1.375 | 99238 |
| 2.374 | 2.380 | 2.375 | 2.750 | 0.526 | 0.683 | 1.375 | 99240 |
| | | 2.375 | 2.750 | 0.781 | 0.938 | 1.375 | 99839 ²⁾ |
| | | 2.375 | 2.750 | 0.781 | 0.938 | 1.375 | 99237 |
| 2.434 | 2.441 | 2.438 | 2.828 | 0.781 | 0.938 | 1.393 | 99243 |
| | | 2.441 | 2.828 | 0.500 | 0.625 | 1.425 | 99244 |
| 2.435 | 2.441 | 2.438 | 2.828 | 0.500 | 0.625 | 1.425 | 99242 |
| 2.489 | 2.495 | 2.492 | 2.875 | 0.781 | 0.938 | 1.393 | 99249 |
| 2.497 | 2.503 | 2.500 | 2.820 | 0.555 | 0.650 | 0.890 | 99253 |
| 2.500 | 2.506 | 2.500 | 2.828 | 0.500 | 0.656 | 1.393 | 99248 |
| | | 2.500 | 2.820 | 0.781 | 0.938 | 1.375 | 99840 ²⁾ |
| | | 2.500 | 2.820 | 0.781 | 0.938 | 1.375 | 99250 |
| 2.510 | 2.516 | 2.516 | 2.828 | 0.781 | 0.906 | 1.438 | 99251 |
| 2.556 | 2.562 | 2.559 | 2.850 | 0.787 | 0.905 | 1.375 | 99841 ²⁾ |
| | | 2.559 | 2.850 | 0.787 | 0.905 | 1.375 | 99254 |
| 2.560 | 2.566 | 2.563 | 2.891 | 0.781 | 0.938 | 1.375 | 99256 |
| 2.595 | 2.601 | 2.598 | 2.990 | 0.781 | 0.938 | 1.250 | 99259 |
| 2.618 | 2.624 | 2.621 | 3.047 | 0.781 | 0.938 | 1.375 | 99261 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used

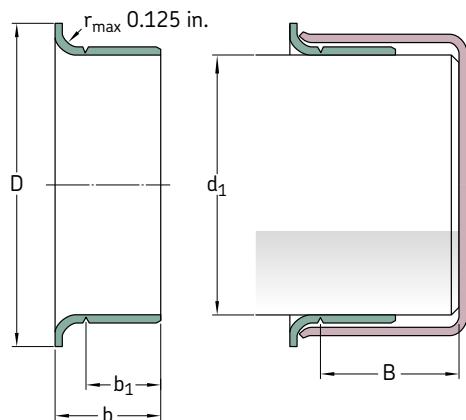
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – inch dimensions

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------|-------|--------------------|-------------|--------------------------|-------------|-----------------|---------------------|
| d ₁ min. | max. | d ₁ | D ±0.063 | b ₁ ±0.031 | b ±0.031 | B ¹⁾ | |
| in | in | | | | | | - |
| 2.621 | 2.627 | 2.625 | 3.047 | 0.781 | 0.906 | 1.375 | 99264 |
| 2.622 | 2.628 | 2.625 | 3.047 | 0.500 | 0.625 | 1.375 | 99260 |
| 2.625 | 2.631 | 2.625 | 3.047 | 0.781 | 0.938 | 1.375 | 99842 ²⁾ |
| | | 2.625 | 3.047 | 0.781 | 0.938 | 1.375 | 99262 |
| 2.670 | 2.677 | 2.677 | 3.125 | 0.750 | 0.875 | 1.688 | 99266 |
| 2.727 | 2.733 | 2.730 | 3.125 | 0.781 | 0.906 | 1.313 | 99268 |
| 2.740 | 2.746 | 2.743 | 3.065 | 0.781 | 0.938 | 1.250 | 99273 |
| 2.745 | 2.751 | 2.750 | 3.125 | 0.781 | 0.938 | 1.250 | 99843 ²⁾ |
| | | 2.750 | 3.125 | 0.781 | 0.938 | 1.250 | 99274 |
| 2.747 | 2.753 | 2.750 | 3.075 | 1.438 | 1.625 | 1.625 | 99267 |
| 2.750 | 2.756 | 2.750 | 3.125 | 0.406 | 0.563 | 1.250 | 99272 |
| | | 2.750 | 3.125 | 0.781 | 0.938 | 1.250 | 99844 ²⁾ |
| | | 2.750 | 3.125 | 0.781 | 0.938 | 1.250 | 99275 |
| | | 2.750 | 3.125 | 1.125 | 1.250 | 1.312 | 99269 |
| 2.753 | 2.759 | 2.756 | 3.125 | 0.787 | 0.945 | 1.250 | 99276 |
| 2.809 | 2.815 | 2.813 | 3.188 | 0.594 | 0.688 | 1.250 | 99281 |
| 2.828 | 2.835 | 2.835 | 3.225 | 0.750 | 0.875 | 1.343 | 99870 ²⁾ |
| | | 2.835 | 3.225 | 0.750 | 0.875 | 1.343 | 99284 |
| 2.838 | 2.844 | 2.838 | 3.225 | 0.500 | 0.656 | 1.250 | 99845 ²⁾ |
| | | 2.838 | 3.225 | 0.500 | 0.656 | 1.250 | 99282 |
| 2.866 | 2.872 | 2.869 | 3.188 | 0.781 | 0.938 | 1.250 | 99286 |
| 2.873 | 2.879 | 2.875 | 3.219 | 0.781 | 0.938 | 1.250 | 99846 ²⁾ |
| | | 2.875 | 3.219 | 0.781 | 0.938 | 1.250 | 99287 |
| 2.937 | 2.943 | 2.938 | 3.344 | 0.500 | 0.641 | 1.331 | 99290 |
| | | 2.938 | 3.344 | 0.781 | 0.938 | 1.313 | 99847 ²⁾ |
| | | 2.940 | 3.344 | 0.781 | 0.938 | 1.313 | 99293 |
| 2.950 | 2.956 | 2.953 | 3.273 | 0.594 | 0.690 | 1.083 | 99289 |
| | | 2.953 | 3.305 | 0.866 | 1.024 | 1.313 | 99875 ²⁾ |
| | | 2.953 | 3.305 | 0.866 | 1.024 | 1.313 | 99294 |
| 2.972 | 2.976 | 2.974 | 3.235 | 0.813 | 1.000 | 1.250 | 99292 |
| 2.990 | 2.996 | 2.993 | 3.359 | 0.484 | 0.625 | 1.331 | 99291 |
| | | 2.993 | 3.359 | 0.563 | 0.688 | 1.375 | 99298 |
| | | 2.993 | 3.350 | 0.813 | 1.000 | 1.281 | 99299 |
| 2.997 | 3.003 | 3.000 | 3.240 | 0.813 | 0.938 | 1.375 | 99296 |
| 3.000 | 3.006 | 3.000 | 3.345 | 0.625 | 0.813 | 1.280 | 99048 |
| | | 3.000 | 3.235 | 0.813 | 1.000 | 1.281 | 99848 ²⁾ |
| | | 3.000 | 3.235 | 0.813 | 1.000 | 1.281 | 99300 |
| 3.008 | 3.014 | 3.011 | 3.355 | 0.500 | 0.625 | 2.000 | 99301 |
| 3.064 | 3.071 | 3.071 | 3.468 | 0.750 | 0.875 | 2.056 | 99306 |
| 3.120 | 3.126 | 3.125 | 3.531 | 0.688 | 0.813 | 2.000 | 99311 |
| | | 3.125 | 3.531 | 0.813 | 1.000 | 2.000 | 99849 ²⁾ |
| | | 3.125 | 3.531 | 0.813 | 1.000 | 2.000 | 99312 |
| 3.124 | 3.132 | 3.125 | 3.525 | 0.551 | 0.709 | 2.031 | 99053 |
| 3.142 | 3.150 | 3.150 | 3.540 | 0.750 | 0.886 | 1.375 | 99313 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – inch dimensions

 d_1 3.146–4.693

All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|-------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|
| d_1 min. | max. | d_1 | D ± 0.063 | b_1 ± 0.031 | b ± 0.031 | B ¹⁾ | |
| in | | in | | | | | - |
| 3.146 | 3.153 | 3.150 3.150 | 3.543 3.543 | 0.433 0.827 | 0.591 0.945 | 1.375 1.375 | 99317 99315 |
| 3.225 | 3.231 | 3.228 | 3.585 | 0.660 | 0.848 | 1.750 | 99328 |
| 3.247 | 3.253 | 3.250 | 3.594 | 0.813 | 1.000 | 1.375 | 99322 |
| 3.250 | 3.256 | 3.250 3.250 3.250 3.250 3.250 | 3.575 3.575 3.585 3.585 3.585 | 0.595 0.595 0.688 0.813 0.813 | 0.719 0.719 0.875 1.000 1.000 | 1.375 1.375 1.250 1.375 1.375 | 99850 ²⁾ 99324 99326 99851 ²⁾ 99325 |
| 3.307 | 3.313 | 3.310 | 3.688 | 0.813 | 1.000 | 1.375 | 99331 |
| 3.337 | 3.347 | 3.342 3.342 3.342 | 3.700 3.700 3.700 | 0.669 0.827 0.827 | 0.827 0.984 0.984 | 1.378 1.378 1.378 | 99332 99872 ²⁾ 99333 |
| 3.338 | 3.347 | 3.347 | 3.580 | 0.399 | 0.499 | 1.431 | 99334 |
| 3.373 | 3.379 | 3.375 3.375 | 3.688 3.695 | 0.375 0.813 | 0.500 1.000 | 1.410 1.375 | 99338 99337 |
| 3.435 | 3.441 | 3.438 | 3.844 | 0.781 | 0.906 | 1.406 | 99339 |
| 3.457 | 3.465 | 3.465 | 3.751 | 1.150 | 1.349 | 1.673 | 99481 |
| 3.477 | 3.483 | 3.480 | 3.835 | 0.781 | 0.906 | 1.406 | 99340 |
| 3.497 | 3.503 | 3.500 | 3.844 | 0.625 | 0.813 | 1.347 | 99346 |
| 3.500 | 3.506 | 3.500 3.500 3.500 | 3.825 3.844 3.844 | 0.313 0.813 0.813 | 0.500 1.000 1.000 | 1.347 1.347 1.347 | 99347 99852 ²⁾ 99350 |
| 3.501 | 3.507 | 3.504 | 3.844 | 0.625 | 0.813 | 1.348 | 99349 |
| 3.540 | 3.546 | 3.543 3.543 3.543 3.543 | 4.000 4.000 4.000 4.000 | 0.438 0.526 0.710 0.906 | 0.538 0.667 0.906 1.102 | 1.813 1.750 1.813 1.750 | 99352 99353 99351 99354 |
| 3.560 | 3.566 | 3.563 | 3.900 | 0.813 | 1.000 | 1.750 | 99356 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used

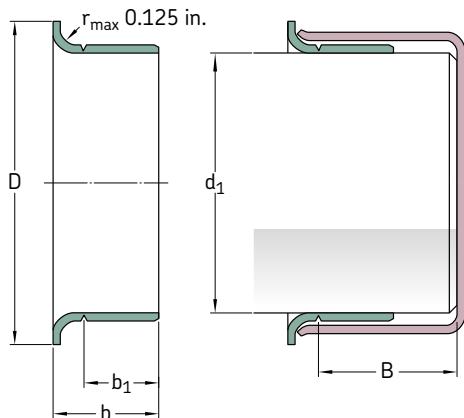
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – inch dimensions

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|----------------------|-------------|--------------------------|-------------|-----------------|---------------------|
| d ₁ min. in | max. in | d ₁ in | D ±0.063 | b ₁ ±0.031 | b ±0.031 | B ¹⁾ | - |
| 3.618 | 3.624 | 3.621 | 4.031 | 0.813 | 1.000 | 1.750 | 99360 |
| 3.623 | 3.629 | 3.625 | 4.025 | 0.500 | 0.625 | 1.750 | 99363 |
| | | 3.625 | 4.031 | 0.813 | 1.000 | 1.750 | 99362 |
| 3.684 | 3.690 | 3.688 | 4.031 | 0.313 | 0.438 | 0.875 | 99368 |
| 3.685 | 3.691 | 3.688 | 4.025 | 0.813 | 0.938 | 1.800 | 99365 |
| 3.727 | 3.733 | 3.730 | 4.016 | 0.469 | 0.594 | 1.800 | 99359 |
| | | 3.730 | 4.025 | 0.781 | 0.906 | 1.800 | 99366 |
| 3.737 | 3.743 | 3.740 | 4.025 | 0.827 | 0.945 | 1.800 | 99369 |
| 3.740 | 3.746 | 3.743 | 4.031 | 0.344 | 0.500 | 1.800 | 99374 |
| | | 3.743 | 4.035 | 0.469 | 0.594 | 1.800 | 99364 |
| 3.746 | 3.752 | 3.749 | 4.025 | 0.563 | 0.688 | 1.800 | 99376 |
| 3.750 | 3.756 | 3.750 | 4.020 | 0.688 | 0.875 | 1.800 | 99853 ²⁾ |
| | | 3.753 | 4.025 | 0.344 | 0.500 | 1.800 | 99367 |
| | | 3.753 | 4.020 | 0.688 | 0.875 | 1.800 | 99372 |
| 3.868 | 3.874 | 3.871 | 4.185 | 0.813 | 1.000 | 1.875 | 99386 |
| 3.873 | 3.879 | 3.875 | 4.219 | 0.813 | 1.000 | 1.875 | 99387 |
| 3.935 | 3.941 | 3.938 | 4.313 | 0.813 | 1.000 | 2.050 | 99854 ²⁾ |
| | | 3.938 | 4.313 | 0.813 | 1.000 | 2.050 | 99393 |
| 3.998 | 4.006 | 4.000 | 4.375 | 0.500 | 0.625 | 2.066 | 99401 |
| | | 4.000 | 4.375 | 0.600 | 0.725 | 2.050 | 99395 |
| | | 4.000 | 4.375 | 0.650 | 0.775 | 1.375 | 99400 |
| | | 4.000 | 4.375 | 0.813 | 1.000 | 2.050 | 99855 ²⁾ |
| | | 4.000 | 4.375 | 0.813 | 1.000 | 2.050 | 99399 |
| 4.090 | 4.098 | 4.094 | 4.438 | 0.787 | 0.945 | 1.417 | 99409 |
| 4.122 | 4.130 | 4.125 | 4.470 | 0.813 | 1.000 | 1.375 | 99412 |
| 4.130 | 4.138 | 4.134 | 4.470 | 0.787 | 0.913 | 1.378 | 99413 |
| 4.183 | 4.191 | 4.188 | 4.500 | 0.813 | 1.000 | 1.375 | 99418 |
| 4.226 | 4.234 | 4.234 | 4.610 | 0.781 | 0.906 | 1.438 | 99423 |
| 4.248 | 4.256 | 4.250 | 4.610 | 0.813 | 1.000 | 1.438 | 99424 |
| 4.322 | 4.331 | 4.331 | 4.921 | 0.448 | 0.589 | 1.297 | 99434 |
| 4.327 | 4.335 | 4.328 | 4.921 | 0.509 | 0.650 | 1.250 | 99435 |
| 4.370 | 4.378 | 4.375 | 4.750 | 0.813 | 1.000 | 1.650 | 99437 |
| 4.401 | 4.409 | 4.409 | 4.750 | 0.750 | 0.886 | 1.300 | 99438 |
| 4.434 | 4.442 | 4.438 | 4.813 | 1.000 | 1.142 | 1.313 | 99439 |
| 4.496 | 4.504 | 4.500 | 4.850 | 0.813 | 1.000 | 1.250 | 99856 ²⁾ |
| | | 4.500 | 4.900 | 0.813 | 1.000 | 1.250 | 99450 |
| 4.523 | 4.531 | 4.528 | 5.000 | 0.813 | 0.938 | 1.250 | 99452 |
| 4.621 | 4.629 | 4.625 | 5.000 | 0.438 | 0.625 | 1.375 | 99465 |
| | | 4.625 | 5.063 | 1.000 | 1.250 | 1.375 | 99463 |
| 4.685 | 4.693 | 4.688 | 5.063 | 0.813 | 1.000 | 1.375 | 99468 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold

Wear sleeves | SKF Speedi-Sleeve – inch dimensions
 d_1 4.720–8.005



All sleeves listed in the product table can be manufactured as both standard and Gold version.

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|----------------------|-------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------|
| d_1 min. | max. | d_1 | D ± 0.063 | b_1 ± 0.031 | b ± 0.031 | B ¹⁾ | |
| in | in | | | | | | - |
| 4.720 | 4.728 | 4.724 4.724 | 5.110 5.110 | 0.315 0.787 | 0.433 0.984 | 1.323 1.260 | 99471 99473 |
| 4.746 | 4.754 | 4.750 | 5.000 | 0.500 | 0.750 | 1.500 | 99475 |
| 4.799 | 4.807 | 4.803 | 5.177 | 0.787 | 0.945 | 1.260 | 99472 |
| 4.839 | 4.847 | 4.843 | 5.229 | 0.787 | 0.984 | 1.244 | 99484 |
| 4.871 | 4.879 | 4.875 | 5.250 | 0.625 | 0.750 | 1.438 | 99487 |
| 4.917 | 4.925 | 4.921 4.921 | 5.400 5.400 | 0.394 1.024 | 0.551 1.260 | 1.438 1.438 | 99490 99492 |
| 4.998 | 5.006 | 5.000 5.000 5.000 5.000 5.000 | 5.400 5.400 5.400 5.390 5.390 | 0.540 0.688 0.688 0.813 0.813 | 0.681 0.875 0.875 1.000 1.000 | 1.438 1.438 1.438 1.438 1.438 | 99501 99857 ²⁾ 99498 99858 ²⁾ 99499 |
| 5.032 | 5.039 | 5.039 | 5.325 | 1.150 | 1.349 | 1.587 | 99482 |
| 5.110 | 5.118 | 5.114 | 5.493 | 0.750 | 0.938 | 1.181 | 99494 |
| 5.117 | 5.125 | 5.118 5.125 | 5.493 5.493 | 0.866 0.866 | 0.996 0.996 | 1.280 1.280 | 99874 ²⁾ 99491 |
| 5.120 | 5.128 | 5.125 | 5.500 | 0.813 | 1.000 | 1.250 | 99513 |
| 5.246 | 5.254 | 5.250 | 5.560 | 0.813 | 1.000 | 1.250 | 99525 |
| 5.307 | 5.315 | 5.311 | 5.735 | 0.807 | 1.000 | 1.250 | 99533 |
| 5.371 | 5.379 | 5.375 | 5.875 | 0.813 | 1.000 | 1.250 | 99537 |
| 5.434 | 5.442 | 5.438 | 5.750 | 1.500 | 1.688 | 1.875 | 99548 |
| 5.472 | 5.480 | 5.476 | 5.900 | 0.563 | 0.750 | 1.234 | 99547 |
| 5.498 | 5.506 | 5.500 5.500 5.500 | 5.938 5.938 5.938 | 0.518 0.813 0.813 | 0.705 1.000 1.000 | 1.250 1.250 1.250 | 99550 99859 ²⁾ 99549 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used
²⁾ SKF Speedi-Sleeve Gold

SKF Speedi-Sleeve – inch dimensions

| Shaft diameter range | | Nominal dimensions | | | | | Designation |
|------------------------------|------------|----------------------|----------------|--------------------------|----------------|-----------------|------------------------------|
| d ₁ min. in | max. in | d ₁ in | D ±0.063 | b ₁ ±0.031 | b ±0.031 | B ¹⁾ | - |
| 5.508 | 5.516 | 5.512 | 5.945 | 0.807 | 1.000 | 1.250 | 99552 |
| 5.621 | 5.629 | 5.625 | 6.188 | 0.875 | 1.000 | 1.812 | 99560 |
| 5.699 | 5.709 | 5.709 | 6.100 | 0.750 | 0.875 | 1.812 | 99571 |
| 5.726 | 5.734 | 5.734 | 6.100 | 0.563 | 0.750 | 1.938 | 99562 |
| 5.746 | 5.754 | 5.750 | 6.180 | 0.813 | 1.000 | 1.750 | 99575 |
| 5.871 | 5.879 | 5.875 5.875 | 6.188 6.188 | 1.000 1.000 | 1.250 1.250 | 1.313 1.313 | 99862 ²⁾ 99587 |
| 5.896 | 5.906 | 5.905 | 6.260 | 1.024 | 1.181 | 1.280 | 99595 |
| 5.934 | 5.942 | 5.938 | 6.375 | 1.000 | 1.125 | 1.875 | 99596 |
| 5.995 | 6.003 | 6.000 6.000 | 6.360 6.375 | 0.500 1.000 | 0.750 1.250 | 1.750 1.750 | 99601 99599 |
| 6.058 | 6.068 | 6.063 | 6.375 | 1.024 | 1.181 | 1.299 | 99605 |
| 6.092 | 6.102 | 6.097 | 6.575 | 1.024 | 1.181 | 1.299 | 99606 |
| 6.198 | 6.208 | 6.203 | 6.625 | 0.813 | 1.063 | 1.750 | 99620 |
| 6.245 | 6.255 | 6.250 | 6.625 | 1.031 | 1.250 | 1.750 | 99625 |
| 6.289 | 6.299 | 6.299 | 6.750 | 1.000 | 1.250 | 1.375 | 99630 |
| 6.495 | 6.505 | 6.500 | 7.000 | 1.000 | 1.250 | 1.375 | 99650 |
| 6.683 | 6.693 | 6.688 | 7.188 | 1.250 | 1.496 | 1.750 | 99640 |
| 6.745 | 6.755 | 6.750 | 7.125 | 0.813 | 1.063 | 1.750 | 99675 |
| 6.880 | 6.890 | 6.890 | 7.362 | 1.102 | 1.260 | 1.378 | 99687 |
| 6.995 | 7.005 | 7.000 7.000 | 7.475 7.475 | 1.000 1.000 | 1.250 1.250 | 1.688 1.688 | 99864 ²⁾ 99700 |
| 7.077 | 7.087 | 7.087 | 7.500 | 1.299 | 1.496 | 1.752 | 99721 |
| 7.244 | 7.254 | 7.250 | 7.760 | 1.250 | 1.500 | 2.175 | 99725 |
| 7.273 | 7.283 | 7.278 | 7.760 | 1.260 | 1.496 | 2.165 | 99726 |
| 7.444 | 7.454 | 7.453 | 7.860 | 0.813 | 1.000 | 1.250 | 99745 |
| 7.495 | 7.505 | 7.500 | 7.875 | 0.813 | 1.000 | 1.250 | 99750 |
| 7.745 | 7.755 | 7.750 | 8.270 | 1.000 | 1.313 | 1.875 | 99775 |
| 7.869 | 7.879 | 7.875 | 8.375 | 1.359 | 1.500 | 1.750 | 99787 |
| 7.933 | 7.943 | 7.938 | 8.375 | 1.000 | 1.250 | 1.750 | 99799 |
| 7.995 | 8.005 | 8.000 | 8.375 | 1.000 | 1.250 | 1.750 | 99800 |

¹⁾ Possible max. distance of the rear groove from the shaft end when the installation tool supplied with the sleeve is used²⁾ SKF Speedi-Sleeve Gold