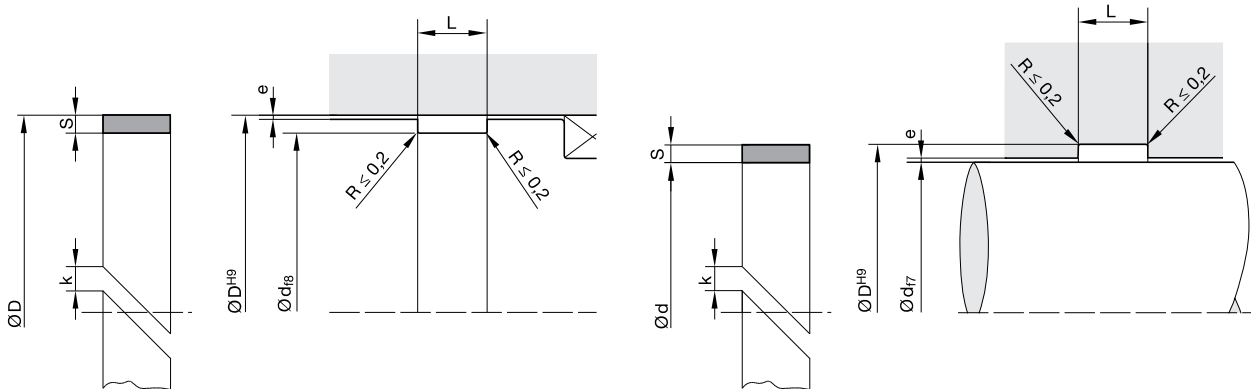
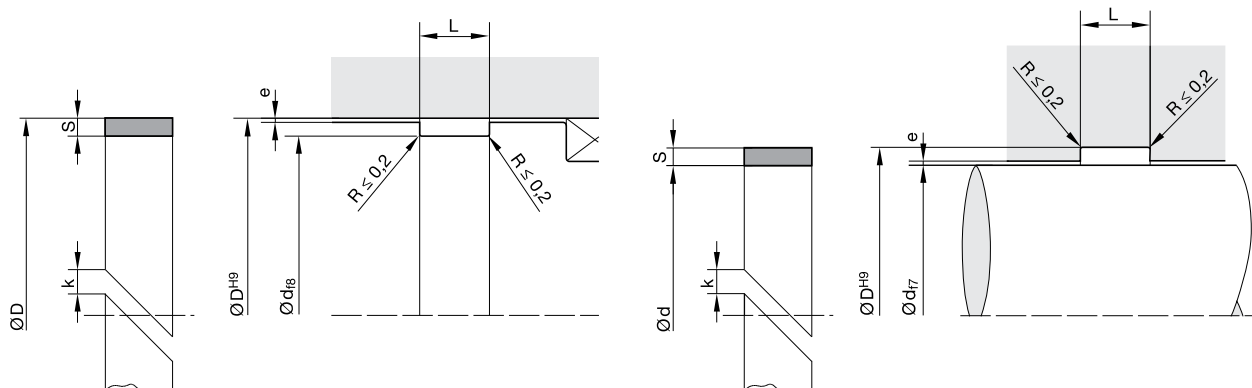




For surface finish, lead in chamfer and other installation dimensions see „General installation guidelines“.

Housing dimensions

Series no.	Recommended rod Ø range d/D (mm)	Guiding tape S (mm)	L (mm)	Groove		
				d (mm)	D (mm)	e (mm)
15063	≤ 50	1.50 ^{0.02} _{-0.03}	6.3 ^{0.1}	D - 3.0	d + 3.0	0.25
15081	≤ 50	1.50 ^{0.02} _{-0.03}	8.1 ^{0.1}	D - 3.0	d + 3.0	0.25
15100	≤ 50	1.50 ^{0.02} _{-0.03}	10.0 ^{0.1}	D - 3.0	d + 3.0	0.25
15150	≤ 50	1.50 ^{0.02} _{-0.03}	15.0 ^{0.1}	D - 3.0	d + 3.0	0.25
16025	≤ 50	1.55 ^{0.02} _{-0.03}	2.5 ^{0.1}	D - 3.1	d + 3.1	0.25
16040	≤ 51	1.55 ^{0.02} _{-0.03}	4.0 ^{0.1}	D - 3.1	d + 3.1	0.25
20063	≤ 50	2.00 _{-0.05}	6.3 ^{0.1}	D - 4.0	d + 4.0	0.30
20081	≤ 51	2.00 _{-0.05}	8.1 ^{0.1}	D - 4.0	d + 4.0	0.30
20097	> 50	2.00 _{-0.05}	9.7 ^{0.1}	D - 4.0	d + 4.0	0.30
20150	> 50	2.00 _{-0.05}	15.0 ^{0.1}	D - 4.0	d + 4.0	0.30
20200	> 50	2.00 _{-0.05}	20.0 ^{0.1}	D - 4.0	d + 4.0	0.30
25042	> 50	2.50 _{-0.05}	4.2 ^{0.1}	D - 5.0	d + 5.0	0.40
25056	> 50	2.50 _{-0.05}	5.6 ^{0.1}	D - 5.0	d + 5.0	0.40
25063	> 50	2.50 _{-0.05}	6.3 ^{0.1}	D - 5.0	d + 5.0	0.40
25081	> 50	2.50 _{-0.05}	8.1 ^{0.1}	D - 5.0	d + 5.0	0.40
25097	> 50	2.50 _{-0.05}	9.7 ^{0.1}	D - 5.0	d + 5.0	0.40
25150	> 50	2.50 _{-0.05}	15.0 ^{0.2}	D - 5.0	d + 5.0	0.40
25200	> 50	2.50 _{-0.05}	20.0 ^{0.2}	D - 5.0	d + 5.0	0.40
25250	> 50	2.50 _{-0.05}	25.0 ^{0.2}	D - 5.0	d + 5.0	0.40
25300	> 50	2.50 _{-0.05}	30.0 ^{0.2}	D - 5.0	d + 5.0	0.40



For surface finish, lead in chamfer and other installation dimensions see „General installation guidelines“.

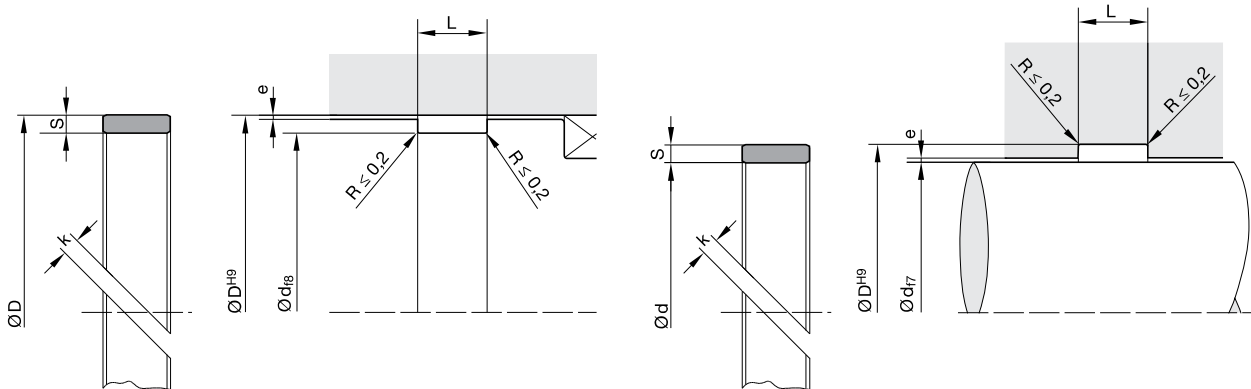
Ordering example piston guidance

Mating surface	steel
Surface	smooth
Piston diameter	80 mm
Groove	9.7 × 2.5 mm

a) by the metre	F3 0000 052 25097 A (9.7 × 2.5)
b) cut to length	F3 0800 052 25097 A (9.7 × 2.5 × 239)
F3	Profile
0800	Piston diameter × 10 (by the metre: 0000)
PS052	Compound
25097	Series no.
A	Type of cut

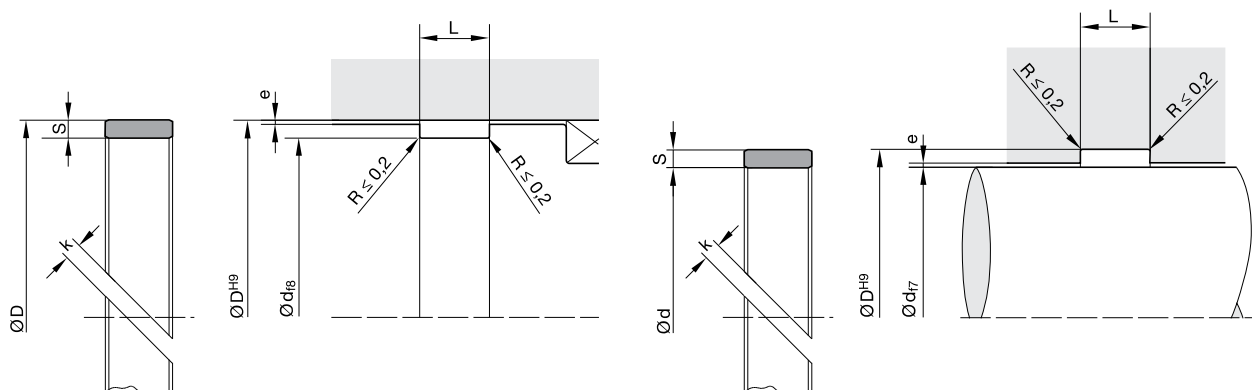
Ordering example rod guidance

Surface	structured
Rod diameter	50 mm
Groove outer diameter	OD = ID + 2S
Groove	6.3 × 2.5 mm
FW 0550 052 25063 A	(6.3 × 2.5 × 161.5)



Housing dimensions

Series no.	Recommended rod $\varnothing$ range d/D (mm)	Guiding tape S (mm)	Groove			
			L (mm)	d (mm)	D (mm)	e (mm)
15063	≤ 50	$1.50^{+0.02}_{-0.03}$	$6.3^{0.1}$	D - 3.0	$d + 3.0$	0.25
15081	≤ 50	$1.50^{+0.02}_{-0.03}$	$8.1^{0.1}$	D - 3.0	$d + 3.0$	0.25
15100	≤ 50	$1.50^{+0.02}_{-0.03}$	$10.0^{0.1}$	D - 3.0	$d + 3.0$	0.25
15150	≤ 50	$1.50^{+0.02}_{-0.03}$	$15.0^{0.1}$	D - 3.0	$d + 3.0$	0.25
16025	≤ 50	$1.55^{+0.02}_{-0.03}$	$2.5^{0.1}$	D - 3.1	$d + 3.1$	0.25
16040	≤ 51	$1.55^{+0.02}_{-0.03}$	$4.0^{0.1}$	D - 3.1	$d + 3.1$	0.25
20063	≤ 50	$2.00_{-0.05}$	$6.3^{0.1}$	D - 4.0	$d + 4.0$	0.30
20081	≤ 51	$2.00_{-0.05}$	$8.1^{0.1}$	D - 4.0	$d + 4.0$	0.30
20097	> 50	$2.00_{-0.05}$	$9.7^{0.1}$	D - 4.0	$d + 4.0$	0.30
20150	> 50	$2.00_{-0.05}$	$15.0^{0.1}$	D - 4.0	$d + 4.0$	0.30
20200	> 50	$2.00_{-0.05}$	$20.0^{0.1}$	D - 4.0	$d + 4.0$	0.30
25042	> 50	$2.50_{-0.05}$	$4.2^{0.1}$	D - 5.0	$d + 5.0$	0.40
25056	> 50	$2.50_{-0.05}$	$5.6^{0.1}$	D - 5.0	$d + 5.0$	0.40
25063	> 50	$2.50_{-0.05}$	$6.3^{0.1}$	D - 5.0	$d + 5.0$	0.40
25081	> 50	$2.50_{-0.05}$	$8.1^{0.1}$	D - 5.0	$d + 5.0$	0.40
25097	> 50	$2.50_{-0.05}$	$9.7^{0.1}$	D - 5.0	$d + 5.0$	0.40
25150	> 50	$2.50_{-0.05}$	$15.0^{0.2}$	D - 5.0	$d + 5.0$	0.40
25200	> 50	$2.50_{-0.05}$	$20.0^{0.2}$	D - 5.0	$d + 5.0$	0.40
25250	> 50	$2.50_{-0.05}$	$25.0^{0.2}$	D - 5.0	$d + 5.0$	0.40
25300	> 50	$2.50_{-0.05}$	$30.0^{0.2}$	D - 5.0	$d + 5.0$	0.40



Ordering example piston guidance

Mating surface	steel
Surface	smooth
Piston diameter	80 mm
Groove	2.5×9.7 mm
a) by the metre	FS 0000 052 25097 A (9.7×2.5)
b) cut to length	FS 0000 052 25097 A (9.7×2.5× 239)
FS	Profile
0800	Piston diameter × 10 (by the metre: 0000)
PS052	Compound
25097	Series no.