



Recommended housing dimensions

Standard design	Groove roots $\varnothing D\ H9$	Groove width $E+0.2$	Radius R_{max}	Land width b (min.)	O-Ring Cord thickness $\varnothing D1$
8 - 11.9	$\varnothing d + 4.8$	3.7	0.2	2.0	1.78
12 - 64.9	$\varnothing d + 6.8$	5.0	0.4	2.0	2.62
65 - 250.9	$\varnothing d + 8.8$	6.0	0.8	3.0	3.53
251 - 420.9	$\varnothing d + 12.2$	8.4	1.0	4.0	5.33
421 - 650.9	$\varnothing d + 16.0$	11.0	1.0	5.0	7.00

Wiper / Ordering example:

A S - 80 x 88.8 x 6.0 - B R

Wiper for rod diameter of $\varnothing 80$ / PTFE-Bronze / Standard design

A S - 50 x 56.8 x 5.0 - P G

Wiper for rod diameter of $\varnothing 50$ / Polyurethan+graphite

All wipers are supplied as standard with an O-ring of NBR, 70 Shore. O-rings of special materials such as Viton must be separately specified!

Material

- PTFE - Bronze BR
- PTFE - Carbon K
- PTFE - Carbon fibre KF
- PTFE - Glass fibre GF

- PU - Polyurethane PU
- PUG - Polyurethane+graphite PG

(Special material; note modified material properties and technical specifications)



Order designation	$\varnothing d_{f8/h9}$	$\varnothing D_{H9}$	$E+0.2$	$\varnothing D_2_{H11}$	OR
AS - 10 - 14.8 - 3.7 - BR	10	14.8	3.7	12.7	013
AS - 20 - 26.8 - 5.0 - BR	20	26.8	5.0	23.5	118
AS - 22 - 28.8 - 5.0 - BR	22	28.8	5.0	25.5	119
AS - 25 - 31.8 - 5.0 - BR	25	31.8	5.0	28.5	121
AS - 28 - 34.8 - 5.0 - BR	28	34.8	5.0	31.5	123
AS - 30 - 36.8 - 5.0 - BR	30	36.8	5.0	33.5	124
AS - 32 - 38.8 - 5.0 - BR	32	38.8	5.0	35.5	126
AS - 35 - 41.8 - 5.0 - BR	35	41.8	5.0	38.5	127
AS - 36 - 42.8 - 5.0 - BR	36	42.8	5.0	39.5	129
AS - 38 - 44.8 - 5.0 - BR	38	44.8	5.0	41.5	130
AS - 40 - 46.8 - 5.0 - BR	40	46.8	5.0	43.5	131
AS - 42 - 48.8 - 5.0 - BR	42	48.8	5.0	45.5	132
AS - 45 - 51.8 - 5.0 - BR	45	51.8	5.0	48.5	134
AS - 48 - 54.8 - 5.0 - BR	48	54.8	5.0	51.5	136
AS - 50 - 56.8 - 5.0 - BR	50	56.8	5.0	53.5	137
AS - 52 - 58.8 - 5.0 - BR	52	58.8	5.0	55.5	138
AS - 55 - 61.8 - 5.0 - BR	55	61.8	5.0	58.5	140
AS - 56 - 62.8 - 5.0 - BR	56	62.8	5.0	59.5	141
AS - 60 - 66.8 - 5.0 - BR	60	66.8	5.0	63.5	143
AS - 63 - 69.8 - 5.0 - BR	63	69.8	5.0	66.5	145
AS - 65 - 73.8 - 6.0 - BR	65	73.8	6.0	69.0	231
AS - 70 - 78.8 - 6.0 - BR	70	78.8	6.0	74.0	233
AS - 75 - 83.8 - 6.0 - BR	75	83.8	6.0	79.0	234
AS - 80 - 88.8 - 6.0 - BR	80	88.8	6.0	84.0	236
AS - 85 - 93.8 - 6.0 - BR	85	93.8	6.0	89.0	238
AS - 90 - 98.8 - 6.0 - BR	90	98.8	6.0	94.0	239
AS - 95 - 103.8 - 6.0 - BR	95	103.8	6.0	99.0	241
AS - 100 - 108.8 - 6.0 - BR	100	108.8	6.0	104.0	242
AS - 105 - 113.8 - 6.0 - BR	105	113.8	6.0	109.0	244
AS - 110 - 118.8 - 6.0 - BR	110	118.8	6.0	114.0	245

Special dimensions and intermediate size are also available.



Order designation	$\varnothing d_{f8/h9}$	$\varnothing D_{H9}$	$E_{+0.2}$	$\varnothing D_2_{H11}$	OR
AS - 115 - 123.8 - 6.0 - BR	115	123.8	6.0	119.0	247
AS - 120 - 128.8 - 6.0 - BR	120	128.8	6.0	124.0	248
AS - 125 - 133.8 - 6.0 - BR	125	133.8	6.0	129.0	250
AS - 130 - 138.8 - 6.0 - BR	130	138.8	6.0	134.0	252
AS - 135 - 143.8 - 6.0 - BR	135	143.8	6.0	139.0	253
AS - 140 - 148.8 - 6.0 - BR	140	148.8	6.0	144.0	255
AS - 150 - 158.8 - 6.0 - BR	150	158.8	6.0	154.0	258
AS - 155 - 163.8 - 6.0 - BR	155	163.8	6.0	159.0	259
AS - 160 - 168.8 - 6.0 - BR	160	168.8	6.0	164.0	259
AS - 170 - 178.8 - 6.0 - BR	170	178.8	6.0	174.0	261
AS - 175 - 183.8 - 6.0 - BR	175	183.8	6.0	179.0	262
AS - 180 - 188.8 - 6.0 - BR	180	188.8	6.0	184.0	263
AS - 190 - 198.8 - 6.0 - BR	190	198.8	6.0	194.0	264
AS - 200 - 208.8 - 6.0 - BR	200	208.8	6.0	204.0	266
AS - 210 - 218.8 - 6.0 - BR	210	218.8	6.0	214.0	267
AS - 220 - 228.8 - 6.0 - BR	220	228.8	6.0	224.0	269
AS - 230 - 238.8 - 6.0 - BR	230	238.8	6.0	234.0	271
AS - 240 - 248.8 - 6.0 - BR	240	248.8	6.0	244.0	272
AS - 250 - 258.8 - 6.0 - BR	250	258.8	6.0	254.0	274
AS - 260 - 272.2 - 8.4 - BR	260	272.2	8.4	264.5	377
AS - 270 - 282.2 - 8.4 - BR	270	282.2	8.4	274.5	378
AS - 280 - 292.2 - 8.4 - BR	280	292.2	8.4	284.5	379
AS - 290 - 302.2 - 8.4 - BR	290	302.2	8.4	294.5	380
AS - 300 - 312.2 - 8.4 - BR	300	312.2	8.4	304.5	381
AS - 310 - 322.2 - 8.4 - BR	310	322.2	8.4	314.5	381
AS - 320 - 332.2 - 8.4 - BR	320	332.2	8.4	324.5	382
AS - 330 - 342.2 - 8.4 - BR	330	342.2	8.4	334.5	382
AS - 340 - 352.2 - 8.4 - BR	340	352.2	8.4	344.5	382
AS - 350 - 362.2 - 8.4 - BR	350	362.2	8.4	354.5	383

Special dimensions and intermediate size are also available.