

SETTING RINGS

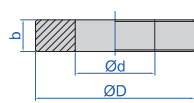


CAN SUPPLY CUSTOM SETTING RINGS FROM Ø1.50MM TO Ø400.00MM, FOR EXAMPLE, Ø17.08MM

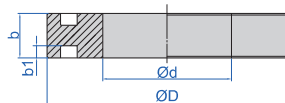
- For zero setting of inside micrometers, three points internal micrometers and bore gauges
- The size marked on the setting ring is checked at the direction of the marking line
- Size difference (difference between the ordered size and the size marked on the setting ring when supplied):
For example, the ordered size is Ø10.12mm, the size marked on the setting ring when supplied may be Ø10.130mm



6312-20



Ø1.5mm-100mm



Ø100mm-400mm

Size difference (mm)

Diameter d **	b	b1	ØD	Size difference
Ø1.5-2.5	4	—	22	±10.0µm
Ø2.5-3	5	—	22	±10.0µm
Ø3-5	5	—	22	±10.0µm
Ø5-10	8	—	32	±10.0µm
Ø10-15	10	—	38	±10.0µm
Ø15-18	12	—	45	±10.0µm
Ø18-20	12	—	45	±10.0µm
Ø20-25	14	—	53	±10.0µm
Ø25-30	16	—	63	±10.0µm
Ø30-32	16	—	63	±10.0µm
Ø32-40	18	—	71	±10.0µm
Ø40-50	20	—	85	±10.0µm
Ø50-60	20	—	100	±10.0µm
Ø60-70	24	—	112	±10.0µm
Ø70-80	24	—	125	±10.0µm
Ø80-90	24	—	140	±10.0µm
Ø90-100	24	—	160	±10.0µm
Ø100-110	30	8	164	±10.0µm
Ø110-130	34	10	192	±10.0µm
Ø130-150	34	10	220	±10.0µm
Ø150-170	36	10	248	±10.0µm
Ø170-190	36	10	276	±10.0µm
Ø190-210	38	10	300	±10.0µm
Ø210-230	38	10	324	±10.0µm
Ø230-250	40	12	350	±10.0µm
Ø250-270	40	12	375	±10.0µm
Ø270-290	42	12	400	±10.0µm
Ø290-300	42	12	425	±10.0µm
Ø300-320	42	12	430	±10.0µm
Ø320-330	42	12	440	±10.0µm
Ø330-340	42	12	450	±10.0µm
Ø340-350	42	12	460	±10.0µm
Ø350-360	42	12	470	±10.0µm
Ø360-370	42	12	480	±10.0µm
Ø370-380	42	12	490	±10.0µm
Ø380-390	42	12	500	±10.0µm
Ø390-400	42	12	510	±10.0µm

** For example Ø3-5mm means Ø3mm<diameter d≤Ø5mm

Roundness and taper(standard accuracy)

Diameter(mm)	Roundness	Taper
Ød≤3	0.3µm	0.3µm
3<Ød≤10	0.4µm	0.4µm
10<Ød≤18	0.5µm	0.5µm
18<Ød≤30	0.6µm	0.6µm
30<Ød≤50	0.7µm	0.7µm
50<Ød≤80	0.8µm	0.8µm
80<Ød≤120	1.0µm	1.0µm
120<Ød≤150	1.2µm	1.2µm
150<Ød≤210	1.5µm	1.5µm
210<Ød≤250	2.5µm	2.5µm
250<Ød≤300	3.0µm	3.0µm
300<Ød≤400	4.0µm	4.0µm

Roundness and taper(high accuracy)

Diameter(mm)	Roundness	Taper
1<Ød≤10	0.3µm	0.5µm
10<Ød≤50	0.4µm	0.8µm
50<Ød≤100	0.4µm	1.0µm
100<Ød≤200	0.5µm	1.5µm

Standard accuracy(meet DIN2250-1:2008 type C)

Code	Size
6312-1D5*	Ø1.5mm
6312-2*	Ø2mm
6312-2D5*	Ø2.5mm
6312-3*	Ø3mm
6312-3D5*	Ø3.5mm
6312-4*	Ø4mm
6312-4D5*	Ø4.5mm
6312-5*	Ø5mm
6312-5D5*	Ø5.5mm
6312-6*	Ø6mm
6312-6D5*	Ø6.5mm
6312-7*	Ø7mm
6312-7D5*	Ø7.5mm
6312-8*	Ø8mm
6312-8D5*	Ø8.5mm
6312-9*	Ø9mm
6312-10*	Ø10mm
6312-11*	Ø11mm
6312-12*	Ø12mm
6312-13*	Ø13mm

Code	Size
6312-14*	Ø14mm
6312-15*	Ø15mm
6312-16*	Ø16mm
6312-17*	Ø17mm
6312-18*	Ø18mm
6312-19*	Ø19mm
6312-20*	Ø20mm
6312-21*	Ø21mm
6312-22*	Ø22mm
6312-23*	Ø23mm
6312-24*	Ø24mm
6312-25*	Ø25mm
6312-26*	Ø26mm
6312-27*	Ø27mm
6312-28*	Ø28mm
6312-29*	Ø29mm
6312-30*	Ø30mm
6312-31*	Ø31mm
6312-32*	Ø32mm
6312-33*	Ø33mm

Code	Size
6312-34*	Ø34mm
6312-35*	Ø35mm
6312-36*	Ø36mm
6312-37*	Ø37mm
6312-38*	Ø38mm
6312-39*	Ø39mm
6312-40*	Ø40mm
6312-41*	Ø41mm
6312-42*	Ø42mm
6312-43*	Ø43mm
6312-44*	Ø44mm
6312-45*	Ø45mm
6312-46*	Ø46mm
6312-47*	Ø47mm
6312-48*	Ø48mm
6312-49*	Ø49mm
6312-50*	Ø50mm
6312-55*	Ø55mm
6312-60*	Ø60mm
6312-62*	Ø62mm

Code	Size
6312-65*	Ø65mm
6312-70*	Ø70mm
6312-75*	Ø75mm
6312-80*	Ø80mm
6312-85*	Ø85mm
6312-87*	Ø87mm
6312-90*	Ø90mm
6312-95*	Ø95mm
6312-100*	Ø100mm
6312-125*	Ø125mm
6312-150*	Ø150mm
6312-175*	Ø175mm
6312-200*	Ø200mm
6312-225*	Ø225mm
6312-250*	Ø250mm
6312-275*	Ø275mm
6312-300*	Ø300mm
6312-350*	Ø350mm
6312-400*	Ø400mm

*Supplied with manufacturer inspection certificate

High accuracy

Code	Size
6312-1D5A*	Ø1.5mm
6312-2A*	Ø2mm
6312-2D5A*	Ø2.5mm
6312-3A*	Ø3mm
6312-3D5A*	Ø3.5mm
6312-4A*	Ø4mm
6312-4D5A*	Ø4.5mm
6312-5A*	Ø5mm
6312-5D5A*	Ø5.5mm
6312-6A*	Ø6mm
6312-6D5A*	Ø6.5mm
6312-7A*	Ø7mm
6312-7D5A*	Ø7.5mm
6312-8A*	Ø8mm
6312-8D5A*	Ø8.5mm
6312-9A*	Ø9mm
6312-10A*	Ø10mm
6312-11A*	Ø11mm
6312-12A*	Ø12mm

Code	Size
6312-13A*	Ø13mm
6312-14A*	Ø14mm
6312-15A*	Ø15mm
6312-16A*	Ø16mm
6312-17A*	Ø17mm
6312-18A*	Ø18mm
6312-19A*	Ø19mm
6312-20A*	Ø20mm
6312-21A*	Ø21mm
6312-22A*	Ø22mm
6312-23A*	Ø23mm
6312-24A*	Ø24mm
6312-25A*	Ø25mm
6312-26A*	Ø26mm
6312-27A*	Ø27mm
6312-28A*	Ø28mm
6312-29A*	Ø29mm
6312-30A*	Ø30mm
6312-31A*	Ø31mm

Code	Size
6312-32A*	Ø32mm
6312-33A*	Ø33mm
6312-34A*	Ø34mm
6312-35A*	Ø35mm
6312-36A*	Ø36mm
6312-37A*	Ø37mm
6312-38A*	Ø38mm
6312-39A*	Ø39mm
6312-40A*	Ø40mm
6312-41A*	Ø41mm
6312-42A*	Ø42mm
6312-43A*	Ø43mm
6312-44A*	Ø44mm
6312-45A*	Ø45mm
6312-46A*	Ø46mm
6312-47A*	Ø47mm
6312-48A*	Ø48mm
6312-49A*	Ø49mm
6312-50A*	Ø50mm

Code	Size
6312-55A*	Ø55mm
6312-60A*	Ø60mm
6312-62A*	Ø62mm
6312-65A*	Ø65mm
6312-70A*	Ø70mm
6312-75A*	Ø75mm
6312-80A*	Ø80mm
6312-85A*	Ø85mm
6312-87A*	Ø87mm
6312-90A*	Ø90mm
6312-95A*	Ø95mm
6312-100A*	Ø100mm
6312-125A*	Ø125mm
6312-150A*	Ø150mm
6312-175A*	Ø175mm
6312-200A*	Ø200mm

*Supplied with manufacturer inspection certificate