STEEL RING GAUGE

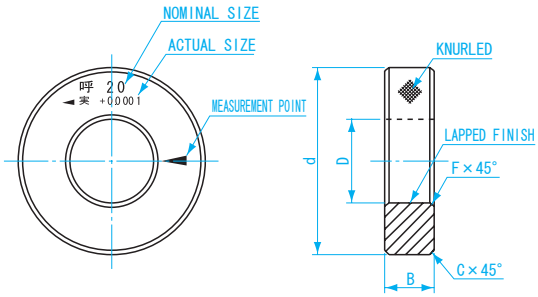
TRACEABILITY

SUB-ZERO Treatment (Cryogenic hardened) for improved durability

Use Ring Gauge as master gauge for "0" adjustment of measuring tools such as bore gauge, inside micrometer, dial caliper, etc.

DIMENSIONS

Units : mm



MATERIAL • Alloy tool steel

SPECIFICATIONS

Size (mm)	Step (mm)	Out of Roundness (μm)	Out of Cylinldricity (μm)	Tolerance (μm)	Hardness (HV)
1 to less than 30	0.1 step	0.5	0.5	± 1.0	653 ≀ 772
30 to less than 50		0.8	0.8	± 1.5	
50 to less than 60	0.5 step	1.0	1.0	± 2.0	
60 to less than 80					
80 to less than 100					
100 to less than 200	5.0 step	2.0	2.0	± 5.0	

〈**Stock available size**〉

Size (mm)	Step (mm)	
1 to less than 50	0.1 step	1.0・1.1・1.2・1.3・1.4・1.5・1.6・1.7・1.8・1.9・2.0・2.1・2.2・2.3・2.4・2.5・2.6・2.7.....50.0
50 to less than 100	0.5step	50.5・51.0・51.5・52.0・52.5・53.0・53.5・54.0・54.5・55.0・55.5・56.0・56.5・57.0・57.5.....100.0
100 to less than 200	5.0 step	105.0・110.0・115.0・120.0・125.0・130.0・135.0・140.0・145.0・150.0・155.0・160.0・165.0.....200.0

Size List

Size D (mm)	Outside Diameter d (mm)	Thickness B (mm)	Chamfering for outside diameter C (mm)	Chamfering for inside diameter F (mm)	Remarks	Weight
1 to less than 2.5	22	4	0.4	0.3	Knurled	10g
2.5 to less than 5		5				10g
5 to less than 10	32	8	0.8	0.5		50g
10 to less than 15	38	10	1.2			80g
15 to less than 20	45	12		1.0		100g
20 to less than 25	53	14				200g
25 to less than 32	63	16	1.5			300g
32 to less than 40	71	18	2.0			400g
40 to less than 50	85	20				600~700g
50 to less than 60	100	24		1.5		0.9~1.1kg
60 to less than 70	112					1.1~1.3kg
70 to less than 80	125					1.4~1.6kg
80 to less than 90	140					1.7~1.9kg
90 to less than 100	160					2.3~2.6kg
100 to less than 110	180	30	2.4			3.7~4.1kg
110 to less than 120	190	35				4.7~5.1kg
120 to less than 130	200					5.0~5.5kg
130 to less than 140	210	38				5.7~6.3kg
140 to less than 160	230	40				6.6~8.2kg
160 to less than 180	260			2.0		8.6~10kg
180 to less than 200	280					9.4~11kg