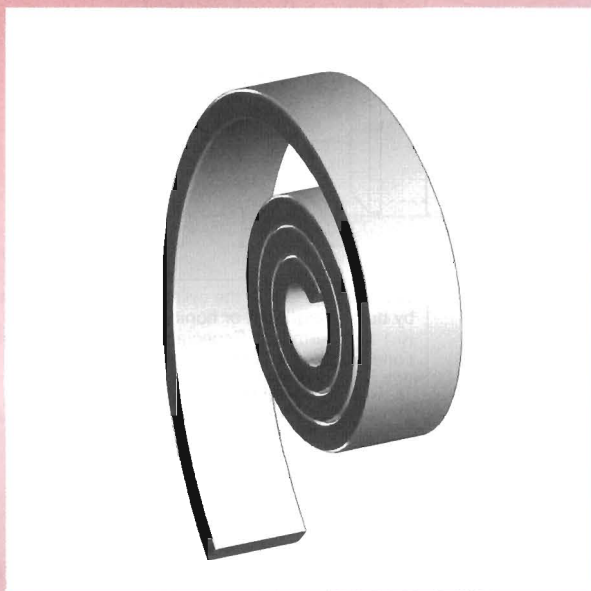


**WEAR RING
RAREFLON (PTFE)**



F
DIMEN
SION
R
Y
T

- (Example) • Type Dimensions

R Y T

2 8

- Type Sign

- Nominal Size of Wear Ring described in order of thickness(t) and height(h)

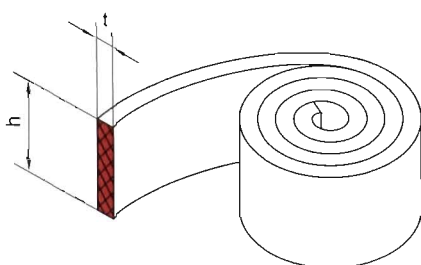
- Part Number

GZ1291V0

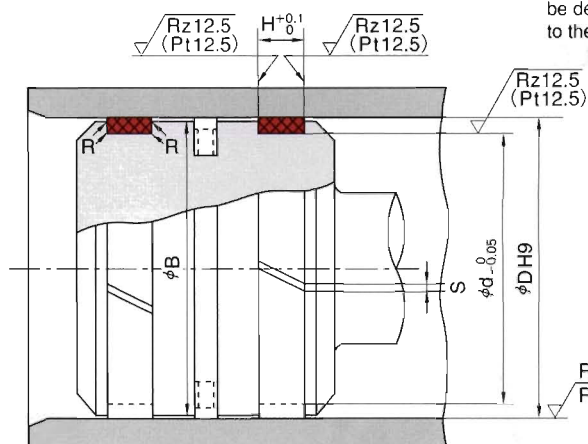
- Please check the application range on pages 16 before selecting the type.

Material	NOK 05ZF
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RYT TYPE WEAR RING (FOR U TYPE PACKINGS)



※ One roll length is 10 m.

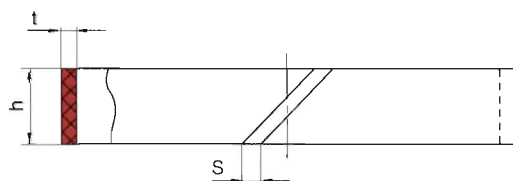


Remark) B dimension should be determined according to the packing used.

R=0.3 or below

The inner surface of the cylinder tube should be finished by burnishing(RLB) or honing(GH) to 0.4 to 3.2 μm Rz (0.1 to 0.8 μm Ra). Especially under severe lubricating condition, burnishing is required.

- The roughness is JIS B 0601 : 2001.
When regulation length cannot be kept, apply Pt.



Remark) Determine the length of wear ring = L according to the formula below.

$$L = \pi \cdot (D - t) - S$$

Nominal Number	Nominal Size of Wear Ring			Housing dimensions			NOK Part Number
	t	h	S	φD	φd	H	
RYT 8	2	8	1 ~ 1.5	18 ~ 63	D-4	8	GZ1291V0
10		10	1 ~ 2	33 ~ 80		10	GZ1292V0
15	2.5	15	1.5 ~ 3	41 ~ 130	D-5	15	GZ1293V0
20		20	2 ~ 4	65 ~ 160		20	GZ1294V0
25		25	2 ~ 6	85 ~ 225		25	GZ1295V0
30		30	3 ~ 6.5	112 ~ 250		30	GZ1296V0
35		35	3.5 ~ 8	132 ~ 300		35	GZ1297V0
40		40	4 ~ 9	150 ~ 350		40	GZ1298V0
45	3	45	4 ~ 10	165 ~ 400	D-6	45	GZ1299V0
50		50	5 ~ 11	205 ~ 450		50	GZ1300V0
55		55	6 ~ 13	230 ~ 500		55	GZ1301V0
60		60	7 ~ 15	260 ~ 600		60	GZ1302V0
70		70	8 ~ 28	290 ~ 1000		70	GZ1303V0

※ RYT type wear ring of other dimensions than the above can be available on demand, please consult NOK.

WR TYPE

WEAR RING

FABRIC REINFORCED PHENOLIC RESIN



- Please designate NOK Part number and type & size on your order.

(Example) • Type Dimensions

WR

14

18

8

Type Sign

Nominal Size of Wear Ring
described in order of
inner diameter(d), outer diameter(D), and height(h)

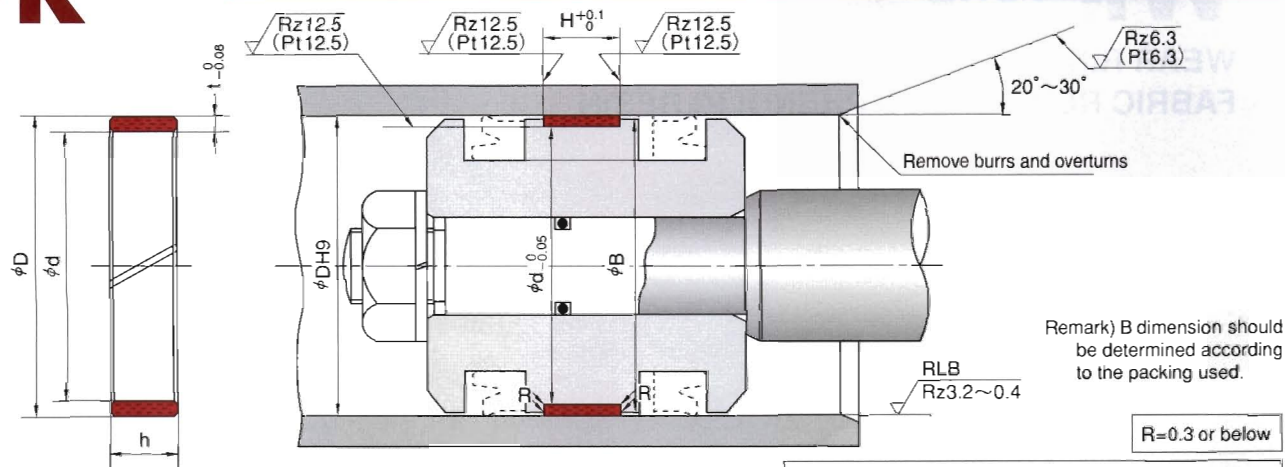
• Part Number

GW0241P0

- Please check the application range on pages 16 before selecting the type.

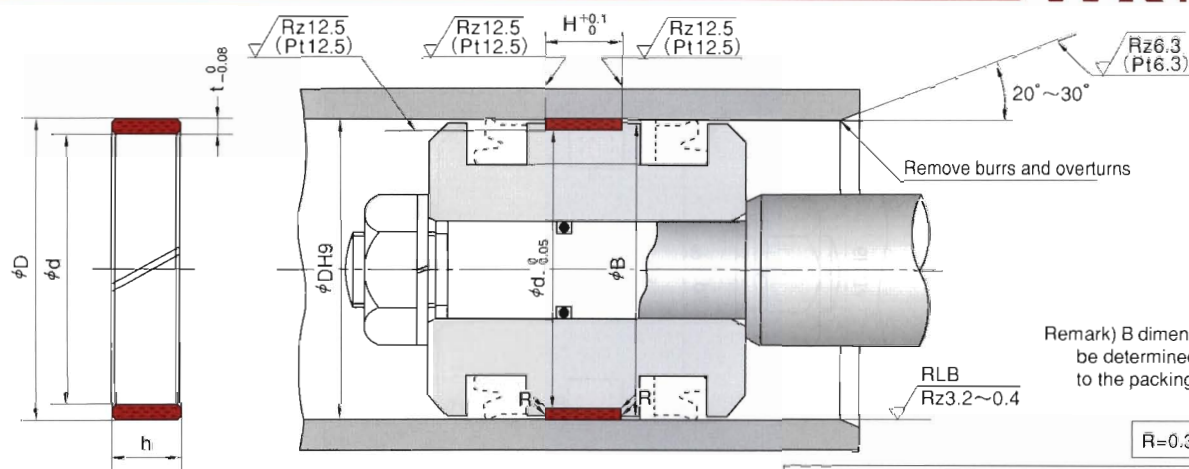
Material	NOK 12RS
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WR TYPE WEAR RING (FOR U TYPE PACKINGS)



●The roughness is JIS B 0601 : 2001.
When regulation length cannot be kept, apply Pt.

Nominal Number	Nominal Size of Wear Ring, and Housing dimensions					NOK Part Number
	d	D	h	t	H	
WR 18	14	18	8	2	8	GW0241P0
19.2	15.2	19.2				GW0242P0
20	16	20				GW0243P0
22	18	22				GW0244P0
24	20	24				GW0245P0
25	21	25				GW0246P0
26	22	26				GW0247P0
28	24	28				GW0248P0
30	26	30				GW0249P0
31	27	31				GW0250P0
31.5	27.5	31.5	10	2	10	GW0251P0
33	29	33				GW0252P0
35	31	35				GW0253P0
35.4	31.4	35.4				GW0254P0
35.5	31.5	35.5				GW0255P0
38	34	38				GW0256P0
40	36	40				GW0257P0
41	37	41				GW0258P0
43	38	43				GW0259P0
44.5	39.5	44.5				15
45	40	45	GW0261P0			
50	45	50	GW0006P1			
51.5	46.5	51.5	GW0263P0			
55	50	55	GW0264P0			
56	51	56	GW0010P1			
60	55	60	GW0012P1			
61	56	61	GW0267P0			
63	58	63	GW0268P0			
65	60	65	20	20	20	
66	61	66				GW0270P0
69	64	69				GW0271P0
70	65	70				GW0019P1
71	66	71				GW0192P1
75	70	75				GW0021P1
76	71	76				GW0746P0
80	75	80				GW0027P1

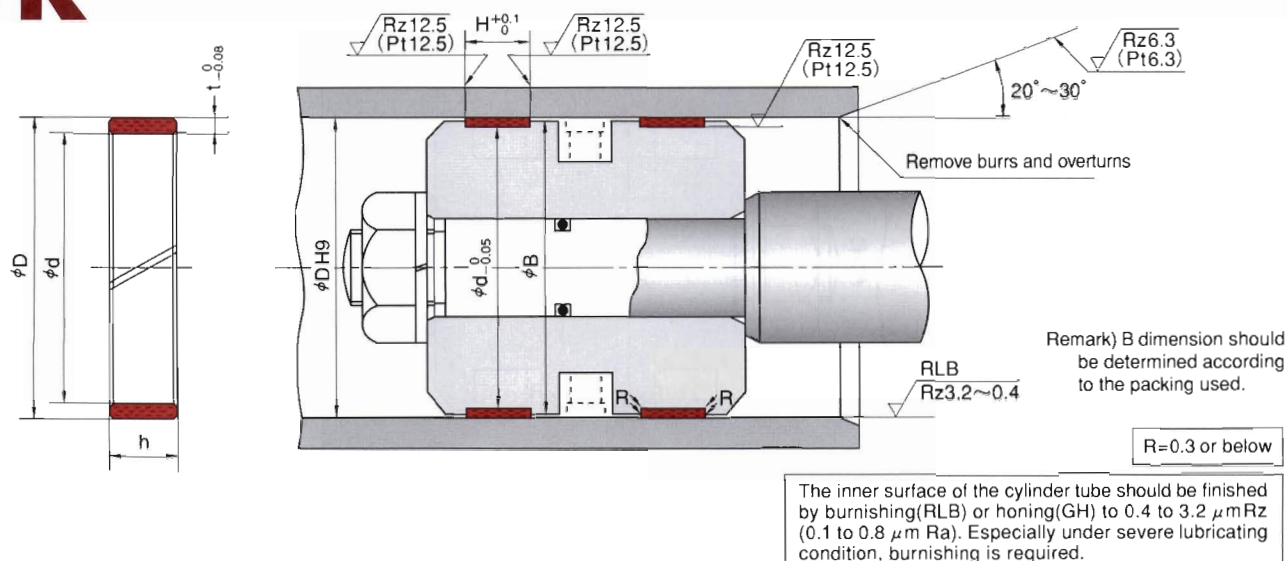


The inner surface of the cylinder tube should be finished by burnishing (RLB) or honing (GH) to 0.4 to 3.2 μm Rz (0.1 to 0.8 μm Ra). Especially under severe lubricating condition, burnishing is required.

- The roughness is JIS B 0601 : 2001.
- When regulation length cannot be kept, apply Pt.

Nominal Number	Nominal Size of Wear Ring, and Housing dimensions					NOK Part Number
	d	D	h	t	H	
WR 85	79	85	25	3	25	GW0030P1
90	84	90				GW0036P1
95	89	95				GW0167P1
100	94	100				GW0041P3
105	99	105				GW0278P0
110	104	110	30	3.5	30	GW0051P1
112	106	112				GW0280P0
115	109	115				GW0055P2
120	114	120				GW0059P1
125	119	125				GW0283P0
130	123	130	35	4	35	GW0065P1
132	125	132				GW0285P0
140	133	140				GW0075P1
150	143	150				GW0086P1
157	150	157				GW0287P0
160	153	160	40	4	40	GW0093P2
165	157	165				GW0289P0
170	162	170				GW0290P0
180	172	180				GW0104P1
185	177	185				GW0292P0
190	182	190	45	4	45	GW0293P0
200	192	200				GW0109P1
205	197	205				GW0181P1
210	202	210				GW0296P0
220	212	220				GW0297P0
224	216	224	50	4	50	GW0298P0
225	217	225				GW0115P1
230	222	230				GW0300P0
240	232	240				GW0301P0
250	242	250				GW0122P1
260	252	260	55	4	55	GW0303P0
270	262	270				GW0304P0
275	267	275				GW0305P0
290	282	290				GW0307P0
297	289	297				GW0308P0
300	292	300	60	4	60	GW0309P0
312	304	312				GW0310P0
332	324	332				GW0311P0

WR TYPE WEAR RING (FOR PACKINGS OF SPG AND SPGW TYPE)



●The roughness is JIS B 0601: 2001.
When regulation length cannot be kept, apply Pt.

Nominal Number	Nominal Size of Wear Ring, and Housing dimensions					NOK Part Number
	d	D	h	t	H	
WR 30W	26	30	8	2	8	GW0249P0
31.5W	27.5	31.5				GW0251P0
32W	28	32				GW0314P0
35W	31	35				GW0315P0
35.5W	31.5	35.5				GW0316P0
40W	36	40				GW0317P0
45W	40	45				GW0318P0
50W	45	50				GW0279P0
55W	50	55				GW0319P0
56W	51	56				GW0320P0
60W	55	60	10	2.5	10	GW0321P0
63W	58	63				GW0322P0
65W	60	65				GW0323P0
69W	64	69				GW0324P0
70W	65	70				GW0018P1
71W	66	71				GW0326P0
75W	70	75				GW0327P0
80W	75	80				GW0025P1
85W	79	85				GW0329P0
90W	84	90				GW0330P0
95W	89	95	15	3	15	GW0331P0
100W	94	100				GW0332P0
108W	102	108				GW0333P0
110W	104	110				GW0334P0
112W	106	112				GW0335P0
120W	114	120				GW0336P0
125W	119	125				GW0337P0
130W	123	130				GW0338P0
140W	133	140				GW0339P0
150W	143	150				GW0340P0
160W	153	160	20	3.5	20	GW0341P0
170W	162	170				GW0342P0
180W	172	180				GW0343P0
190W	182	190				GW0344P0
200W	192	200				GW0345P0
204W	196	204				GW0346P0
210W	202	210				GW0347P0
224W	216	224				GW0348P0
225W	217	225				GW0349P0
230W	222	230				GW0350P0
240W	232	240	30	4	25	GW0351P0
250W	242	250				GW0352P0