

IUH TYPE

SPECIAL PACKINGS FOR ROD SEALS

NITRILE RUBBER (NBR) +
HYDROGENATED NITRILE RUBBER (H-NBR)



E
DIMENSION
I
U
H

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

(Example) Order for the packing as a single piece

· Type Dimensions	IUH	14	22	5	
	└─ Type Sign	└─ Nominal Size of Packing described in order of inner diameter(d), outer diameter(D), and height(h)			
· Part Number	CU2692N1				

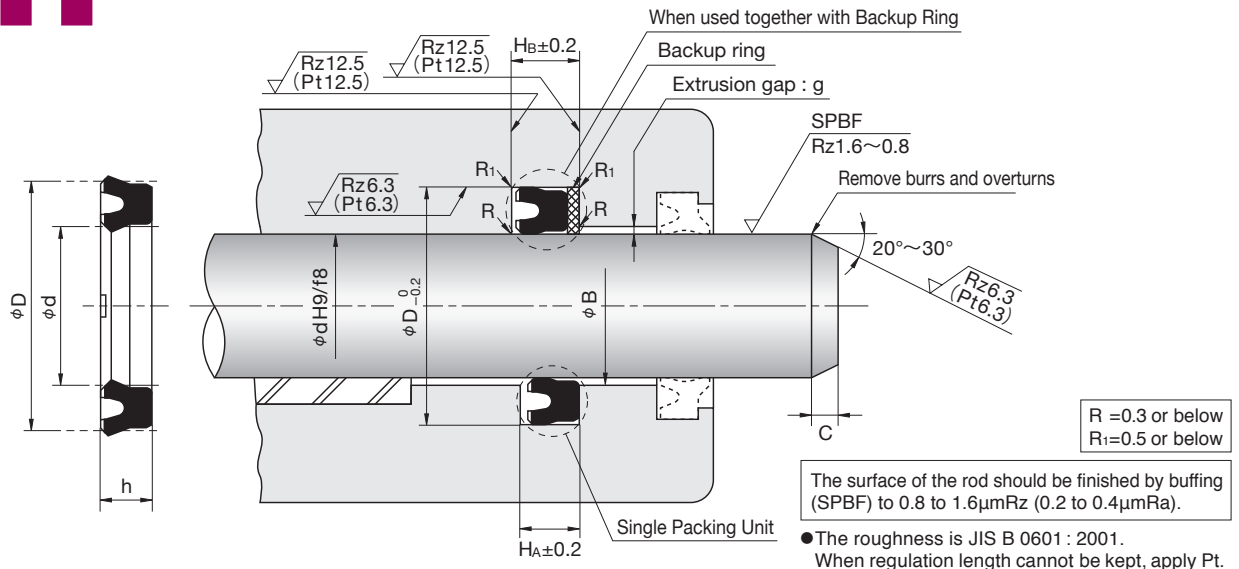
※ When placing orders for backup rings used in combination with packing, designate the NOK part number and the model size.

· Type Dimensions	BRT2	14	22	2	
	└─ Type Sign	└─ Nominal Size of Backup ring described in order of inner diameter(d), outer diameter(D), and thickness(t)*			
· Part Number	GN5719V0				*t = H _B - H _A (Housing dimensions)

● Please check the application range on B-4 and B-5 before selecting the type.

Material	Standard : NOK A505 Cold resistant type : NOK A567 Heat resistant type : NOK G928
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IUH TYPE SPECIAL PACKINGS FOR ROD SEALS (INSTALLED WITH INTERNAL GROOVE)



Nominal Size of Packing, and Housing dimensions						Packing Part Number			Combination Backup Ring Part Number
d	D	h	H _A	H _B	C	Standard (A505)	Cold resistant (A567)	Heat resistant (G928)	BRT2 (Biascut) 19YF
14	22	5	5.7	7.7	2.5	● CU2692N1			GN5719V0
16	24					● CU2548N0			GN5720V0
18	26					CU0180N2			GN4778V0
20	28					CU0212N3	CU0212N5		GN4780V0
22.4	30					CU3488N0			GN4784V0
25	33					CU0276N3	CU0276N5		GN5019V1
28	35.5	6	7	10	3	CU0320N0			GN4791V0
30	40					CU0357N3	CU0357N5		GN4794V0
35	45					CU0424N3	CU0424N5		GN4799V0
35.5	45					CU0451N2			GN4801V0
36	46					CU3040N0			GN5733V0
40	50					CU0497N4	CU0497N6		GN4050V0
45	55	7	8	11	3	CU0567N4	CU0567N6		GN4804V0
	56					CU0572N1			GN4805V0
50	60	6	7	10	3	CU0619N3	CU0649N5		GN4335V0
53	63							CU0679N0	GN4693V0
55	65					CU0694N3	CU0694N5		GN4810V0
56	66					CU0722N2			GN4766V0
60	70					CU0746N3	CU0746N6		GN4676V0
63	73					CU0786N2			GN4814V0
65	75	9	10	13	3	CU0809N2	CU0809N4		GN4816V0
	80						CU3615N0	GN4549V0	
67	77	6	7	10	3	CU0828N0			GN4697V0
70	80					CU0849N0		CU0849N2	GN4651V0
71	80	6	7	10	3	CU0857N2	CU0857N3	CU0857N4	GN4876V0
						CU0879N0			GN4818V0
75	85	9	10	13	3	CU0901N4	CU0901N6		GN4692V0
	90					CU3090N2		CU3090N4	GN4971V0
80	90	6	7	10	3	CU0939N3	CU0939N4		GN4820V0
	95					CU3091N2		CU3091N4	GN5023V0
85	100	9	10	13	3	CU0984N1		CU0984N3	GN4687V0
	105						CU0989N0	GN4821V0	
90	105	9	10	13	3	CU1024N3	CU1024N5		GN4698V0
	110						CU1030N0	GN4109V0	
95	110	9	10	13	3	CU1051N2	CU1051N5	CU1051N7	GN4822V0
	115						CU1056N0	GN4823V0	
100	115	9	10	13	3	CU1082N3	CU1082N5	CU1082N7	GN4512V0
	120					CU1089N1		CU1089N2	GN4119V0
105	120	9	10	13	3	CU1125N1	CU1125N2		GN5198V0
	125					CU1128N0			GN4825V0
	125	15	16	19			CU1129N0	GN4825V0	

Remark 1) Since the mold is utilized, the part number and the product's engraved mark may be different.
Remark 2) When using the packing with ●, provide separate grooves.

HOW TO DETERMINE B DIMENSION

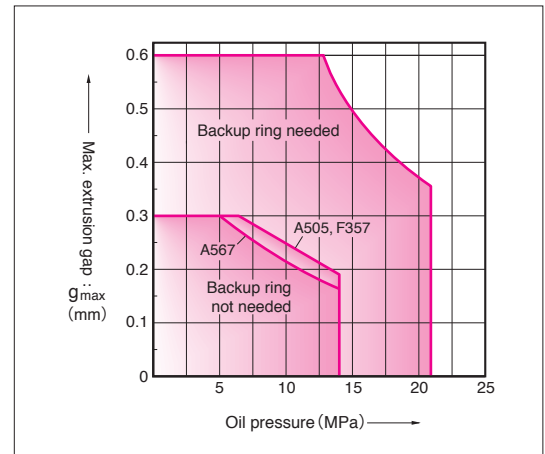
■ When using backup ring

Please determine B dimension according to the table below. If you require smaller B dimension because of the cylinder configuration, please consult NOK.

Maximum Service Pressure	14MPa	21MPa
Material of Backup ring	19YF	
B Dimension	$B \leq \phi d + 1.0$	$B \leq \phi d + 0.5$

■ When not using backup ring

To determine B dimension, please refer to the graph in the right for the maximum extrusion gap (one side) considering the eccentricity of operating condition of the piston.



Nominal Size of Packing, and Housing dimensions						Packing Part Number			Combination Backup Ring Part Number			
d	D	h	H _A	H _B	C	Standard (A505)	Cold resistant (A567)	Heat resistant (G928)	BRT2 (Biascut) 19YF			
110	125	9	10	13	4	CU1157N3	CU1157N5	CU1157N6	GN4480V0			
	130	15	16	19			CU1165N0	GN4280V1				
112	125	8.5	9.5	12.5		CU1178N0			GN4827V0			
115	130	9	10	13		CU1195N0	CU1195N1		GN4593V0			
	135	16	17	20			CU1184N0	GN4574V0				
120	135	9	10	13		CU1220N3	CU1220N2		GN5036V0			
	140	15	16	19			CU1224N0	GN4132V0				
125	140	9	10	13		CU1252N3	CU1252N5		GN4481V0			
130	145					CU1280N0	CU1280N1		GN4628V1			
135	150	9	10	13				CU2771N0	GN4142V0			
	140					155	CU2264N2	CU2264N0		GN5025V0		
145	160					CU1323N2	CU1323N3		GN4526V0			
150	165					CU1343N0			GN4551V0			
160	175					CU1359N2	CU1359N4		GN4833V0			
						CU1406N1		14		GN4835V0		
170	190					12	13	17	CU3494N1	CU3494N0	CU3494N2	GN4529V0
180	200								CU1483N2	CU1483N3		GN4470V0
190	215					16	17	21	CU3523N0	CU3523N2		GN4577V0
200	225								CU1548N1			GN4560V0
210	235	CU3640N0							GN5758V0			
220	245	CU3630N0		CU3630N1	GN5754V0							
240	265	19	20	24	CU3335N1						GN4428V1	

Remark) Since the mold is utilized, the part number and the product's engraved mark may be different.