

ISI TYPE

SPECIAL PACKINGS FOR ROD SEALS IRON RUBBER (AU)



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

(Example) Order for the packing as a single piece

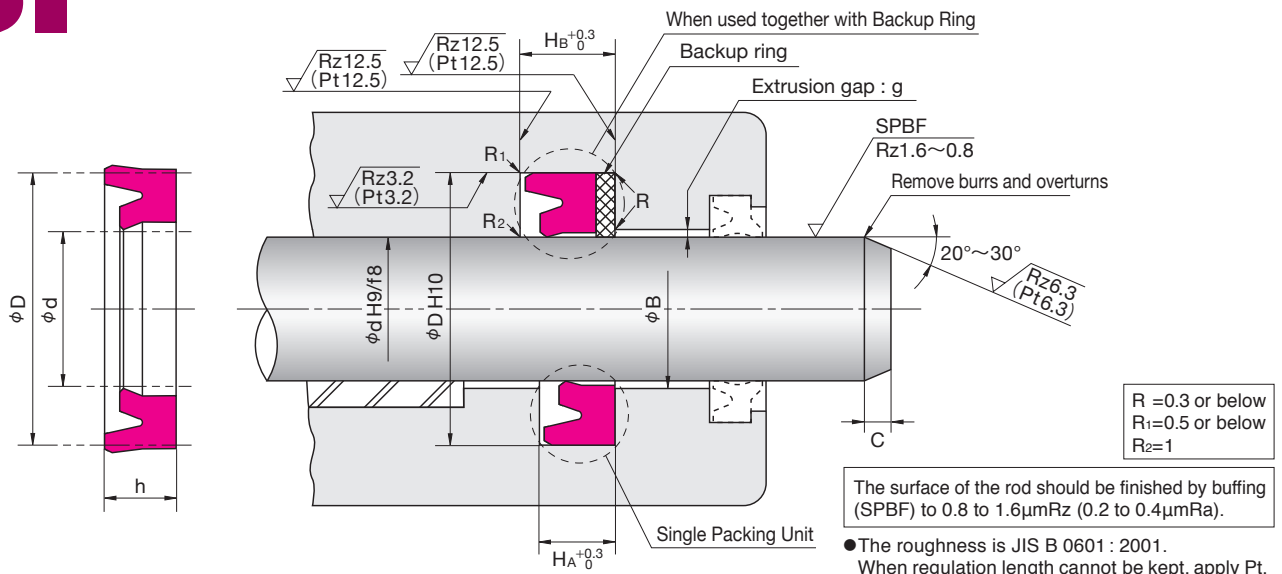
· Type Dimensions	ISI	18	26	5	
	└─ Type Sign		└─ Nominal Size of Packing described in order of inner diameter(d), outer diameter(D), and height(h)		
· Part Number	FU0180K0				

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

· Type Dimensions	BRT2	18	26	2	
	└─ Type Sign		└─ Nominal Size of Backup ring described in order of inner diameter(d), outer diameter(D), and thickness(t)*		
· Part Number	GN4778V0				*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 U801 Heat resistant type : NOK U641
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Nominal Size of Packing, and Housing dimensions						Packing Part Number		Combination Backup Ring Part Number		
d	D	h	HA	HB	C	Standard (U801)	Heat resistant (U641)	BRT2 (Biascut)	BRN2 (Biascut)	
								19YF	80NP	
18	26	5	5.7	7.7	2	FU0180K0	FU0180K2	GN4778V0	GN9106O0	
20	28	5				FU0212K0	FU0212K1	GN4780V0	GN9108O0	
22.4	30	5				FU0260K0	FU0260K1	GN4784V0	GN9112O0	
	30.4	5				FU0261K0	FU0261K1	GN5714V0	GN9785O0	
23.5	31.5	5				FU0267K0	FU0267K1	GN4786V0	GN9114O0	
25	33	5				FU0276K0	FU0276K2	GN5019V1	GN9786O0	
	35	5				FU0278K0	FU0278K2	GN4787V0	GN9115O0	
28	35.5	5				8.7	FU0320K0	FU0320K1	GN4791V0	GN9119O0
	36	5					FU0321K0	FU0321K1	GN5715V0	GN9787O0
30	40	6				7	10	FU0357K0	FU0357K3	GN4794V0
31.5	41.5	6	FU0382K0	FU0382K1	GN4796V0			GN9124O0		
35	45	6	FU0424K0	FU0424K7	GN4799V0			GN9127O0		
35.5	45	6	FU0451K0	FU0451K1	GN4801V0			GN9129O0		
	45.5	6	FU0452K0	FU0452K1	GN5716V0			GN9788O0		
36	46	6	FU2921K1	FU2921K0	GN5733V0			GN3033O0		
40	50	6	FU0497K0	FU0497K5	GN4050V0			GN9131O0		
45	55	6	8	11	FU0567K0			FU0567K6	GN4804V0	GN9133O0
	56	7			FU0572K0			FU0572K1	GN4805V0	GN9134O0
50	60	6	7	10	FU0619K0			FU0619K3	GN4335V0	GN9138O0
53	63	6			FU0679K0	FU0679K2	GN4693V0	GN9140O0		
55	65	6			FU0694K0	FU0694K2	GN4810V0	GN9141O0		
56	66	6			FU0722K0	FU0722K1	GN4766V0	GN9143O0		
60	70	6			FU0746K0	FU0746K5	GN4676V0	GN9144O0		
	71	7			FU0750K0	FU0750K1	GN4812V0	GN9145O0		
63	73	6			7	10	FU0786K0	FU0786K3	GN4814V0	GN9147O0
65	75	6					FU0809K0	FU0809K1	GN4816V0	GN9149O0
67	77	6					FU0828K0	FU0828K1	GN4697V0	GN9150O0
70	80	6					FU0849K0	FU0849K5	GN4651V0	GN9092O0
71	81	6	FU0880K0	FU0880K1			GN4819V0	GN9153O0		
75	85	6	FU0901K0	FU0901K1			GN4692V0	GN9241O0		
80	90	6	FU0939K0	FU0939K1			GN4820V0	GN9155O0		
85	100	9	10	13			FU0984K0	FU0984K2	GN4687V0	GN9091O0
90	105	9					FU1024K0	FU1024K3	GN4698V0	GN9158O0
95	110	9					FU1051K0	FU1051K2	GN4822V0	GN9160O0
98	112	8.5			9.5	12.5	FU1067K0	FU1067K1	GN4824V0	GN9162O0
100	115	9			10	13	FU1082K0	FU1082K1	GN4512V0	GN9163O0
105	120	9			9.5	12.5	FU1125K0	FU1125K1	GN5198V0	GN9589O0
106	120	8.5					FU1135K0	FU1135K1	GN4826V0	GN9166O0
	121	9			FU1136K0	FU1136K1	GN5717V0	GN9789O0		
110	125	9			10	13	FU1157K0	FU1157K2	GN4480V0	GN9430O0
112	125	9					FU1179K0	FU1179K1	GN4827V0	GN9167O0
115	130	9	FU1195K1	FU1195K2			GN4593V0	GN9274O0		

E DIMENSION

HOW TO DETERMINE B DIMENSION

■ When using backup ring

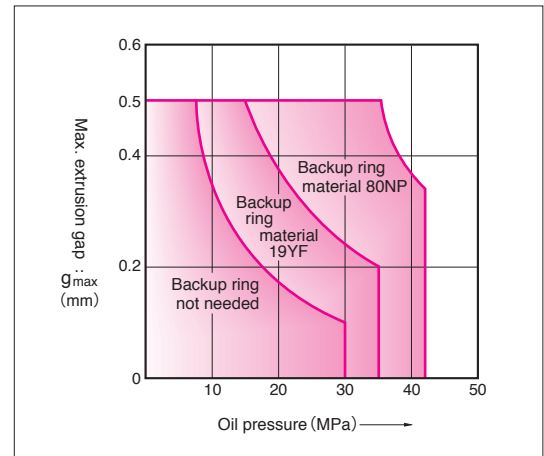
Please determine B dimension according to the table below. If you require smaller B dimension because of the cylinder configuration, please consult NOK.

Maximum Service Pressure	14MPa	21MPa	35MPa
Material of Backup ring	19YF		
B Dimension	$B \leq \phi d + 1.0$	$B \leq \phi d + 0.5$	$B \leq \phi d + 0.2$

Maximum Service Pressure	35MPa	42MPa
Material of Backup ring	80NP	
B Dimension	$B \leq \phi d + 0.8$	$B \leq \phi d + 0.4$

■ 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 (U801)	Heat resistant (U641)	BRT2 (Biascut) 19YF	BRN2 (Biascut) 80NP
118	133	9	10	13	4	FU1205K0	FU1205K1	GN5718V0	GN9790O0
120	135	9				FU1220K0	FU1220K1	GN5036V0	GN9679O0
125	140	9				FU1252K0	FU1252K1	GN4481V0	GN9170O0
130	145	9				FU1280K0	FU1280K1	GN4628V1	GN9742O1
136	150	8.5	9.5	12.5		FU1306K0	FU1306K1	GN4830V0	GN9173O0
140	155	9	10	13		FU1323K0	FU1323K2	GN4526V0	GN9410O0
145	160	9				FU1343K0	FU1343K1	GN4551V0	GN9175O0
150	165	9				FU1359K0	FU1359K1	GN4833V0	GN9177O0
155	170	9				FU1388K0	FU1388K2	GN4834V0	GN9178O0
160	175	9				FU1406K0	FU1406K1	GN4835V0	GN9180O0
165	180	9			FU1429K0	FU1429K1	GN4836V0	GN9182O0	
170	185	9	13	14	FU1443K0	FU1443K2	GN5464V0	GN9791O0	
175	190	9			FU1459K0	FU1459K1	GN4839V0	GN9185O0	
180	200	12			FU1483K0	FU1483K1	GN4470V0	GN9187O0	
190	210	12			FU1516K0	FU1516K1	GN4841V0	GN9190O0	
200	220	12			FU1543K0	FU1543K1	GN4385V0	GN9191O0	
204	224	12			FU1563K0	FU1563K1	GN4842V0	GN9193O0	
210	230	12			FU1575K0	FU1575K1	GN4627V0	GN9195O0	
220	240	12			FU1596K0	FU1596K1	GN4444V0	GN9196O0	
225	245	12	17	21	FU1621K0	FU1621K1	GN4844V0	GN9197O0	
230	250	12			FU1637K0	FU1637K1	GN4635V0	GN9047O0	
240	260	12			FU1657K0	FU1657K1	GN4845V0	GN9198O0	
250	270	12			FU1678K0	FU1678K1	GN4459V0	GN9199O0	
260	285	16			FU1704K0	FU1704K1	GN4847V0	GN9202O0	
270	295	16			FU1720K0	FU1720K1	GN4850V0	GN9205O0	
280	305	16			FU1733K0	FU1733K1	GN4410V0	GN9208O0	
290	315	16			FU1748K0	FU1748K1	GN4854V0	GN9210O0	
300	325	16			FU1762K0	FU1762K1	GN4855V0	GN9211O0	

E DIMENSION
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