

OUIS TYPE

SPECIAL PACKINGS FOR PISTON 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 **OUIS** 40 30 6
 ↳ Type Sign ↳ Nominal Size of Packing described in order of outer diameter(D), inner diameter(d), and height(h)

• Part Number **FU0490P0**

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

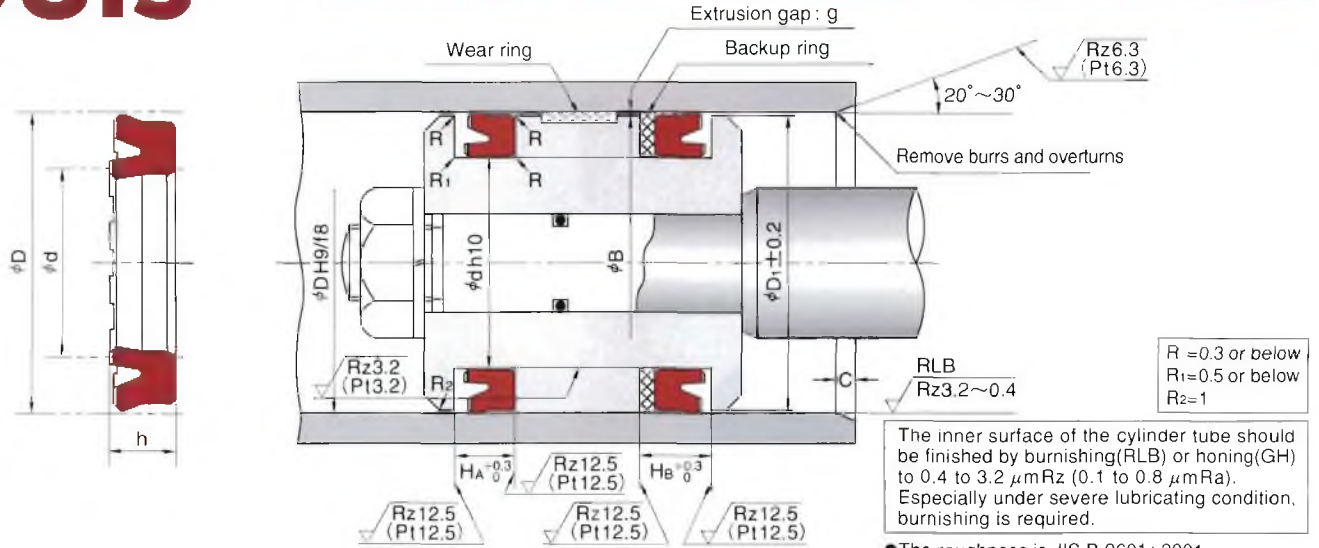
• Type Dimensions **BRT2** 30 40 3
 ↳ Type Sign ↳ Nominal Size of Backup ring described in order of inner diameter(d), outer diameter(D), and thickness(t)*

• Part Number **GN4794V0** *t = H_B - H_A (Housing dimensions)

● Please check the application range on pages 14 and 15 before selecting the type.

Material	NOK U641
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OUIS TYPE SPECIAL PACKINGS FOR PISTON SEALS (INSTALLED WITH INTERNAL GROOVE)



HOW TO DETERMINE B DIMENSION

■ When using backup ring

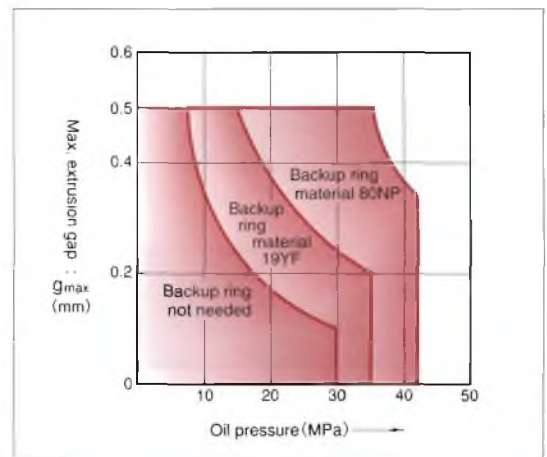
Please determine B dimension according to the table below. If you require smaller B dimension because of the cylinder configuration, please consult NOK.

Maximum Service Pressure	14MPa	21MPa	35MPa
Material of Backup ring	19YF		
B Dimension	$B \geq \phi D - 1.0$	$B \geq \phi D - 0.5$	$B \geq \phi D - 0.2$

Maximum Service Pressure	35MPa	42MPa
Material of Backup ring		
B Dimension	$B \geq \phi D - 0.8$	$B \geq \phi D - 0.4$

■ 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	φD ₁	C		BRT2(Biascut) 19YF	BRN2(Biascut) 80NP
40	30	6	7	10	39	2.5	FU0490P0	GN4794V0	GN912200
45	35	6			44		GN4799V0	GN912700	
50	40	6			49		GN4050V0	GN913100	
60	50	6			59		GN4335V0	GN913800	
63	53	6			62		GN4693V0	GN914000	
65	55	6			64		GN4810V0	GN914100	
70	60	6			69		GN4676V0	GN914400	
75	65	6			74		GN4816V0	GN914900	
80	70	6			79		GN4651V0	GN909200	
85	75	6			84		GN4692V0	GN924100	
90	80	6	89	GN4820V0	GN915500				
100	85	9	10	13	98	4	FU1078P0	GN4687V0	GN909100
105	90	9			103		GN4698V0	GN915800	
110	95	9			108		GN4822V0	GN916000	
120	105	9			118		GN5198V0	GN958900	
125	112	9			123		GN4827V0	GN916700	
130	115	9			128		GN4593V0	GN927400	
140	125	9			138		GN4481V0	GN917000	
150	135	9			148		GN5025V0	GN953900	
160	145	9			158		GN4515V0	GN917500	
170	155	9			168		GN4834V0	GN917800	
180	165	9	14	17	178	GN4836V0	GN918200		
190	175	9			188	GN4839V0	GN918500		
200	180	12			198	GN4470V0	GN918700		