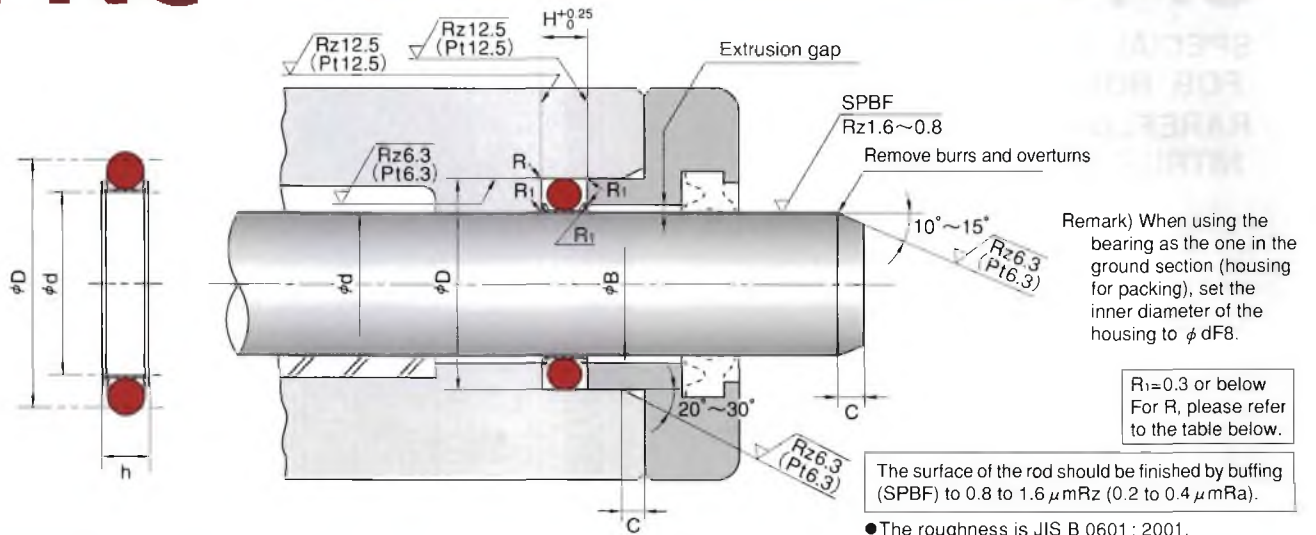


SPNC TYPE SPECIAL PACKINGS FOR ROD SEALS



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

Nominal Number	Nominal Size of Packing			Housing dimensions						NOK Part Number	
				For general hydraulic use		For pneumatic and hydraulic low-friction applications		H	R		C
d	D	h	ϕd	ϕD	ϕd	ϕD					
SPNC 3	3	6	2.3	3	6	3	6.5	2.5	0.3 or below	3~4	GS2000F0
4	4	7		4	7	4	7.5				GS2001F0
5	5	8		5	8	5	8.5				GS2002F0
6	6	9		6	9	6	9.5				GS2003F0
7	7	10		7	10	7	10.5				GS2004F0
8	8	11		8	11	8	11.5				GS2005F0
9	9	12		9	12	9	12.5				GS2006F0
10	10	13		10	13	10	13.5				GS2007F0
10A	10	14		10	14	10	14.6				GS2008F0
11	11	15		11	15	11	15.6				GS2009F0
11.2	11.2	15.2	11.2	15.2	11.2	15.8	GS2010F0				
12	12	16	3	12	16	12	16.6	3.2	0.4 or below	4~5	GS2011F0
12.5	12.5	16.5		12.5	16.5	12.5	17.1				GS2012F0
14	14	18		14	18	14	18.6				GS2013F0
15	15	19		15	19	15	19.6				GS2014F0
16	16	20		16	20	16	20.6				GS2015F0
18	18	22		18	22	18	22.6				GS2016F0
20	20	24		20	24	20	24.6				GS2017F0
21	21	25		21	25	21	25.6				GS2018F0
22	22	26		22	26	22	26.6				GS2020F0
22A	22	28		22	28	22	28.6				GS2019F0
22.4	22.4	28.4	22.4	28.4	22.4	29	GS2021F0				
24	24	30	4.4	24	30	24	30.6	4.7	0.7 or below	5~6	GS2022F0
25	25	31		25	31	25	31.6				GS2023F0
25.5	25.5	31.5		25.5	31.5	25.5	32.1				GS2024F0
26	26	32		26	32	26	32.6				GS2025F0
28	28	34		28	34	28	34.6				GS2026F0
29	29	35		29	35	29	35.6				GS2027F0
29.5	29.5	35.5		29.5	35.5	29.5	36.1				GS2028F0
30	30	36		30	36	30	36.6				GS2029F0
31	31	37		31	37	31	37.6				GS2030F0
31.5	31.5	37.5		31.5	37.5	31.5	38.1				GS2031F0
32	32	38	32	38	32	38.6	GS2032F0				
34	34	40	34	40	34	40.6	GS2033F0				
35	35	41	35	41	35	41.6	GS2034F0				
35.5	35.5	41.5	35.5	41.5	35.5	42.1	GS2035F0				
36	36	42	36	42	36	42.6	GS2036F0				
38	38	44	38	44	38	44.6	GS2037F0				
39	39	45	39	45	39	45.6	GS2038F0				
40	40	46	40	46	40	46.6	GS2039F0				

F DIMENSION SPNC

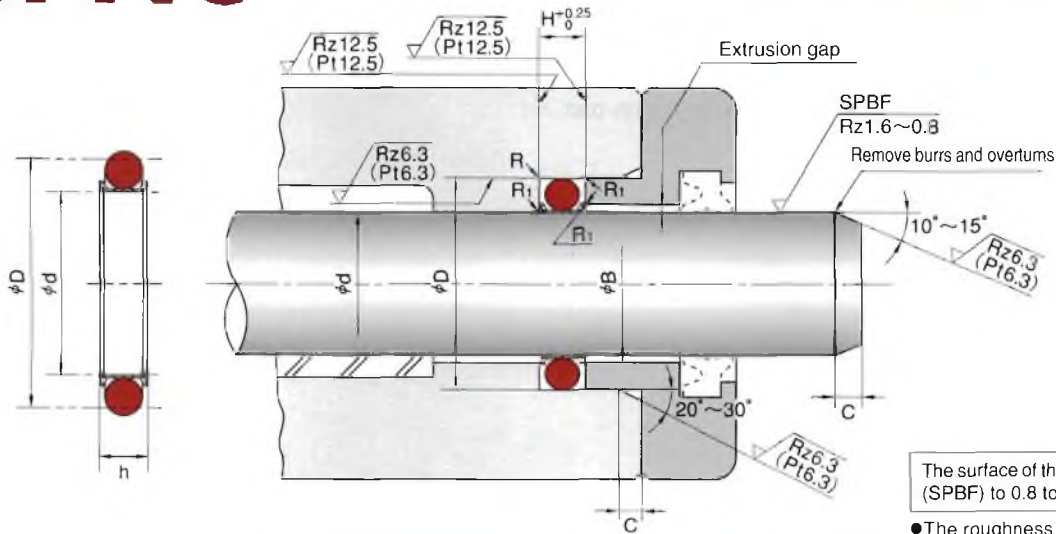
HOW TO DETERMINE B DIMENSION

To determine B dimension, please make the maximum extrusion gap 0.4mm or below considering the eccentricity of rod.

Nominal Number	Nominal Size of Packing			Housing dimensions								H	R	C	NOK Part Number		
				For general hydraulic use				For pneumatic and hydraulic low-friction applications									
	d	D	h	ϕd	ϕD	ϕd	ϕD	ϕd	ϕD								
SPNC 41	41	47	4.4	41	47	47	41	47.6	47.6	4.7	0.7 or below	5~6	GS2040F0				
42	42	48		42									48	42	48.6	48.6	GS2041F0
44	44	50		44									50	44	50.6	50.6	GS2042F0
45	45	51		45									51	45	51.6	51.6	GS2043F0
46	46	52		46									52	46	52.6	52.6	GS2044F0
48	48	54		48									54	48	54.6	54.6	GS2046F0
49	49	55		49									55	49	55.6	55.6	GS2047F0
50	50	56		50									56	50	56.6	56.6	GS2049F0
48A	48	58		48									58	48	58.6	58.6	GS2045F0
50A	50	60		50									60	50	60.6	60.6	GS2048F0
52	52	62		52									62	52	62.6	62.6	GS2050F0
53	53	63		53									63	53	63.6	63.6	GS2051F0
55	55	65		55									65	55	65.6	65.6	GS2052F0
56	56	66		56									66	56	66.6	66.6	GS2053F0
58	58	68		58									68	58	68.6	68.6	GS2054F0
60	60	70		60									70	60	70.6	70.6	GS2055F0
62	62	72	62	72	62	72.6	72.6	GS2056F0									
63	63	73	63	73	63	73.6	73.6	GS2057F0									
65	65	75	65	75	65	75.6	75.6	GS2058F0									
67	67	77	67	77	67	77.6	77.6	GS2059F0									
70	70	80	70	80	70	80.6	80.6	GS2060F0									
71	71	81	71	81	71	81.6	81.6	GS2061F0									
75	75	85	75	85	75	85.6	85.6	GS2062F0									
80	80	90	80	90	80	90.6	90.6	GS2063F0									
85	85	95	7	85	95	95	85	95.6	95.6	7.5	0.8 or below	6~8	GS2064F0				
90	90	100	90	100	90	100.6	100.6	100.6	GS2065F0								
95	95	105	95	105	95	105.6	105.6	105.6	GS2066F0								
100	100	110	100	110	100	110.6	110.6	110.6	GS2067F0								
102	102	112	102	112	102	112.6	112.6	112.6	GS2068F0								
105	105	115	105	115	105	115.6	115.6	115.6	GS2069F0								
110	110	120	110	120	110	120.6	120.6	120.6	GS2070F0								
112	112	122	112	122	112	122.6	122.6	122.6	GS2071F0								
115	115	125	115	125	115	125.6	125.6	125.6	GS2072F0								
120	120	130	120	130	120	130.6	130.6	130.6	GS2073F0								
125	125	135	125	135	125	135.6	135.6	135.6	GS2074F0								
130	130	140	130	140	130	140.6	140.6	140.6	GS2075F0								
132	132	142	132	142	132	142.6	142.6	142.6	GS2076F0								
135	135	145	135	145	135	145.6	145.6	145.6	GS2077F0								
140	140	150	140	150	140	150.6	150.6	150.6	GS2078F0								
145	145	155	145	155	145	155.6	155.6	155.6	GS2079F0								
150	150	160	150	160	150	160.6	160.6	160.6	GS2081F0								

F DIMENSION SPNC

SPNC TYPE SPECIAL PACKINGS FOR ROD SEALS



Remark 1) To determine ϕB dimension, please make the maximum extrusion gap 0.4mm or below considering the eccentricity of rod.

Remark 2) When using the bearing as the one in the ground section (housing for packing), set the inner diameter of the housing to $\phi dF8$.

$R_1=0.3$ or below
For R, please refer to the table below.

The surface of the rod should be finished by buffing (SPBF) to 0.8 to 1.6 μmRz (0.2 to 0.4 μmRa).

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

Nominal Number	Nominal Size of Packing			Housing dimensions								NOK Part Number
				For general hydraulic use				For pneumatic and hydraulic low-friction applications				
	d	D	h	ϕd	ϕD	ϕd	ϕD	H	R	C		
SPNC 150A	150	165		150	165	150	165.6					GS2080F0
155	155	170		155	170	155	170.6					GS2082F0
160	160	175		160	175	160	175.6					GS2083F0
165	165	180		165	180	165	180.6					GS2084F0
170	170	185		170	185	170	185.6					GS2085F0
175	175	190		175	190	175	190.6					GS2086F0
180	180	195		180	195	180	195.6					GS2087F0
185	185	200		185	200	185	200.6					GS2088F0
190	190	205		190	205	190	205.6					GS2089F0
195	195	210		195	210	195	210.6					GS2090F0
200	200	215		200	215	200	215.6					GS2091F0
205	205	220		205	220	205	220.6					GS2092F0
209	209	224		209	224	209	224.6					GS2093F0
210	210	225		210	225	210	225.6					GS2094F0
215	215	230		215	230	215	230.6					GS2095F0
220	220	235		220	235	220	235.6					GS2096F0
225	225	240		225	240	225	240.6					GS2097F0
230	230	245		230	245	230	245.6					GS2098F0
235	235	250		235	250	235	250.6					GS2099F0
240	240	255	10.5	240	255	240	255.6	+0.10 0				GS2100F0
245	245	260		245	260	245	260.6	-0.10 0	11.0	0.8 or below	8~12	GS2101F0
250	250	265		250	265	250	265.6					GS2102F0
255	255	270		255	270	255	270.6					GS2103F0
260	260	275		260	275	260	275.6					GS2104F0
265	265	280		265	280	265	280.6					GS2105F0
270	270	285		270	285	270	285.6					GS2106F0
275	275	290		275	290	275	290.6					GS2107F0
280	280	295		280	295	280	295.6					GS2108F0
285	285	300		285	300	285	300.6					GS2109F0
290	290	305		290	305	290	305.6					GS2110F0
295	295	310		295	310	295	310.6					GS2111F0
300	300	315		300	315	300	315.6					GS2112F0
315	315	330		315	330	315	330.6					GS2113F0
320	320	335		320	335	320	335.6					GS2114F0
335	335	350		335	350	335	350.6					GS2115F0
340	340	355		340	355	340	355.6					GS2116F0
355	355	370		355	370	355	370.6					GS2117F0
360	360	375		360	375	360	375.6					GS2118F0
375	375	390		375	390	375	390.6					GS2119F0
385	385	400		385	400	385	400.6					GS2120F0

F DIMENSION SPNC