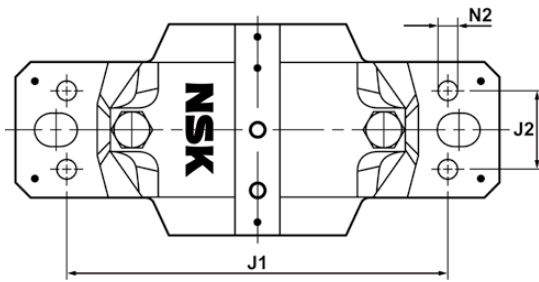


Cap & Fixing Bolts Sizes – Recommended Tightening Torques

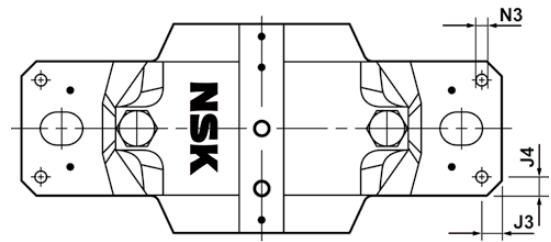
SNN Housing	Cap Bolt Size Grade 8.8	Recommended max. Tightening Torque (lubricated)	Base Bolts Size Grade 8.8	Recommended max. Tightening Torque (lubricated)
		Nm		Nm
SNN505	M10	50	M12	80
SNN506-605	M10	50	M12	80
SNN507-606	M10	50	M12	80
SNN508-607	M10	50	M12	80
SNN509	M10	50	M12	80
SNN510-608	M10	50	M12	80
SNN511-609	M12	80	M16	200
SNN512-610	M12	80	M16	200
SNN513-609	M12	80	M16	200
SNN515-612	M12	80	M16	200
SNN516-613	M16	150	M20	385
SNN517	M16	150	M20	385
SNN518-615	M16	150	M20	385
SNN519-616	M16	150	M20	385
SNN520-617	M20	200	M24	665
SNN522-619	M20	200	M24	665
SNN524-620	M20	200	M24	665
SNN526	M24	350	M24	665
SNN528	M24	350	M30	1310
SNN530	M24	350	M30	1310
SNN532	M24	350	M30	1310

4 Bolt Fixing Holes / Locating Pin Holes – Recommended Dimensions



**Recommended Dimensions
for 4-Bolt Fixing Holes (mm)**

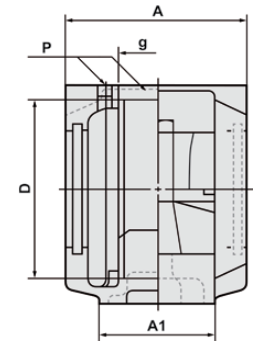
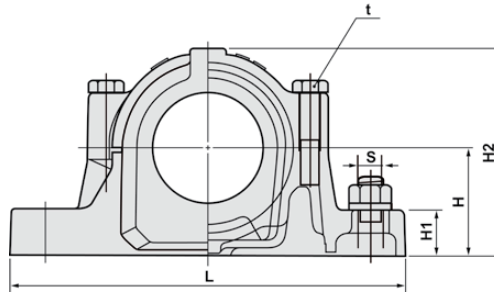
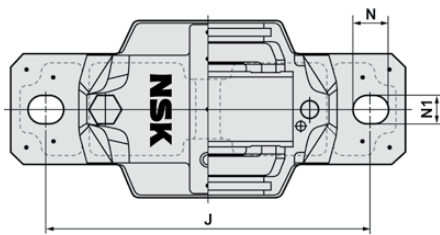
Housing No.	J1	J2	N2	Bolt Size
SNN508-607	160	34	11	M10
SNN509	160	34	11	M10
SNN510-608	160	34	11	M10
SNN511-609	200	40	14	M12
SNN512-610	200	40	14	M12
SNN513-611	210	48	14	M12
SNN515-612	220	48	14	M12
SNN516-613	244	52	18	M16
SNN517	254	52	18	M16
SNN518-615	275	58	18	M16
SNN519-616	275	58	18	M16
SNN520-617	300	66	18	M16
SNN522-619	320	74	18	M16
SNN524-620	320	74	18	M16
SNN526	355	84	22	M20
SNN528	400	92	26	M24
SNN530	430	100	26	M24
SNN532	450	100	26	M24



**Recommended Dimensions
for Locating Pin Holes (mm)**

Housing No.	J3	J4	N3 Max
SNN505	7	7	6
SNN506-605	8	8	6
SNN507-606	8	8	6
SNN508-607	9	9	8
SNN509	9	9	8
SNN510-608	9	9	8
SNN511-609	10	10	10
SNN512-610	10	10	10
SNN513-611	12	12	10
SNN515-612	12	12	10
SNN516-613	15	15	12
SNN517	15	15	12
SNN518-615	15	15	12
SNN519-616	15	15	12
SNN520-617	15	15	12
SNN522-619	18	18	16
SNN524-620	18	18	16
SNN526	18	18	16
SNN528	18	18	16
SNN530	18	18	16
SNN532	18	18	16

Dimensions – Shaft Diameter 20-65 mm



Shaft Diam. D (mm)	Bearing		Adapter Sleeve	Locating Ring Kit (2 rings)	Housing	Housing Designation	D (mm)	H (mm)	J (mm)	A (mm)	L (mm)	A1 (mm)	H1 (mm)	H2 (mm)										
	Ball	Roller																						
20	1205K	-	H205	SR52x5	SNN505	SNN505	52	40	130	70	165	46	22	73										
	2205K	22205K	H305	SR52x3.5																				
	1305K	21305K	H305	SR62x7.5	SNN605	SNN506-605																		
	2305K	-	H2305	SR62x4																				
25	1206K	-	H206	SR62x8	SNN506	SNN506-605	62	50	150	80	185	52	22	88										
	2206K	22206K	H306	SR62x6																				
	1306K	21306K	H306	SR72x7.5	SNN606	SNN507-606																		
	2306K	-	H2306	SR72x3.5																				
30	1207K	-	H207	SR72x8.5	SNN507	SNN507-606	72	50	150	85	185	52	22	93										
	2207K	22207K	H307	SR72x5.5																				
	1307K	21307K	H307	SR80x9	SNN607	SNN508-607																		
	2307K	-	H2307	SR80x4																				
35	1208K	-	H208	SR80x10.5	SNN508	SNN508-607	80	60	170	90	205	60	25	107										
	2208K	22208K	H308	SR80x8																				
	1308K	21308K	H308	SR90x9	SNN608	SNN510-608																		
	2308K	22308K	H2308	SR90x4																				
40	1209K	-	H209	SR85x5.5	SNN509	SNN509	85	60	170	90	205	60	25	111										
	2209K	22209K	H309	SR85x3.5																				
	1309K	21309K	H309	SR100x9.5	SNN609	SNN511-609																		
	2309K	22309K	H2309	SR100x4																				
45	1210K	-	H210	SR90x10.5	SNN510	SNN510-608	90	60	170	95	205	60	25	113										
	2210K	22210K	H310	SR90x9																				
	1310K	21310K	H310	SR110x10.5	SNN610	SNN512-610																		
	2310K	22310K	H2310	SR110x4																				
50	1211K	-	H211	SR100x11.5	SNN511	SNN511-609	100	70	210	100	255	70	28	129										
	2211K	22211K	H311	SR100x9.5																				
	1311K	21311K	H311	SR120x11	SNN611	SNN513-611																		
	2311K	22311K	H2311	SR120x4																				
55	1212K	-	H212	SR110x13	SNN512	SNN512-610	110	70	210	110	255	70	30	134										
	2212K	22212K	H312	SR110x10																				
	1312K	21312K	H312	SR130x12.5	SNN612	SNN515-612																		
	2312K	22312K	H2312	SR130x5																				
60	1213K	-	H213	SR120x14	SNN513	SNN513-611	120	80	230	115	275	80	30	150										
	2213K	22213K	H313	SR120x10																				
	1313K	21313K	H313	SR140x12.5	SNN613	SNN516-613																		
	2313K	22313K	H2313	SR140x5																				
65	1215K	-	H215	SR130x15.5	SNN515	SNN515-612	130	80	230	120	280	80	30	155										
	2215K	22215K	H315	SR130x12.5																				
	1315K	21315K	H315	SR160x14	SNN615	SNN518-615																		
	2315K	22315K	H2315	SR160x5																				

Interchange Lists

Plummer Block Housings for Tapered Bore Bearings

SKF / SNL	FAG / SNV	SNR / SNC	RHP / SNU	NSK / SNN
SNL505V	SNV052-L	SNC505	SNU505	SNN505
SNL506-605V	SNV062-L	SNC506-605	SNU506-605	SNN506-605
SNL507-606V	SNV072-L	SNC507-606	SNU507-606	SNN507-606
SNL508-607V	SNV080-L	SNC508-607	SNU508-607	SNN508-607
SNL509V	SNV085-L	SNC509	SNU509	SNN509
SNL510-608V	SNV090-L	SNC510-608	SNU510-608	SNN510-608
SNL511-609V	SNV100-L	SNC511-609	SNU511-609	SNN511-609
SNL512-610V	SNV110-L	SNC512-610	SNU512-610	SNN512-610
SNL513-611V	SNV120-L	SNC513-611	SNU513-611	SNN513-611
SNL515-612V	SNV130-L	SNC515-612	SNU515-612	SNN515-612
SNL516-613V	SNV140-L	SNC516-613	SNU516-613	SNN516-613
SNL517V	SNV150-L	SNC517	SNU517	SNN517
SNL518-615V	SNV160-L	SNC518-615	SNU518-615	SNN518-615
SNL519-616V	SNV170-L	SNC519-616	SNU519-616	SNN519-616
SNL520-617V	SNV180-L	SNC520-617	SNU520-617	SNN520-617
SNL522-619V	SNV200-L	SNC522-619	SNU522-619	SNN522-619
SNL524-620V	SNV215-L	SNC524-620	SNU524-620	SNN524-620
SNL526V	SNV230-L	SNC526	SNU526	SNN526
SNL528V	SNV250-L	SNC528	SNU528	SNN528
SNL530V	SNV270-L	SNC530	SNU530	SNN530
SNL532V	SNV290-L	SNC532	SNU532	SNN532
SNL3134	SD3134	-	SD3134	-
SNL3136	SD3136	-	SD3136	-
SNL3138	SD3138	-	SD3138	-
SNL3140	SD3140	-	SD3140	-
SNL3144	SD3144	-	SD3144	-
SNL3148	SD3148	-	SD3148	-
SNL3152	SD3152	-	SD3152	-
SNL3156	SD3156	-	SD3156	-
SNL3160	SD3160	-	SD3160	-
SNL3164	SD3164	-	SD3164	-
SNL3168	SD3168	-	SD3168	-
SNL3172	SD3172	-	SD3172	-
SNL3176	SD3176	-	SD3176	-
SNL3180	SD3180	-	SD3180	-

Lubrication

SNN plummer blocks have been developed primarily for grease lubrication.

NSK SNN housings are equipped as standard with 1 straight grease nipple, 2 lubrication holes, 1 on one side of the cap, the other in the centre of the cap to enable lubrication through the bearing outer ring grease groove. This relubrication method is preferred as fresh grease is delivered directly to the bearing. SNN housings are also equipped with a threaded drain hole.

The application conditions (speeds, loads, temperature) will determine the grease re-lubrication intervals and quantity. However, in addition to the bearing grease fill, it is necessary to fill the housing with a certain quantity of grease before the first use. For recommended grease weight/initial fill, please refer to the table on the right side.



SNN Housing	Grease Weight Initial Fill (g)
SNN505	25
SNN506-605	40
SNN507-606	50
SNN508-607	60
SNN509	65
SNN510-608	75
SNN511-609	100
SNN512-610	150
SNN513-611	180
SNN515-612	230
SNN516-613	280
SNN517	330
SNN518-615	430
SNN519-616	480
SNN520-617	630
SNN522-619	850
SNN524-620	1000
SNN526	1100
SNN528	1400
SNN530	1700
SNN532	2000

Housing	Size of Grease Nipple	Size of Threaded Drain Hole
SNN505 to SNN515-612	R1/8	R1/8
SNN516-613 to SNN522-619	R1/4	R1/4
SNN524-620 to SNN532	R3/8	R3/8