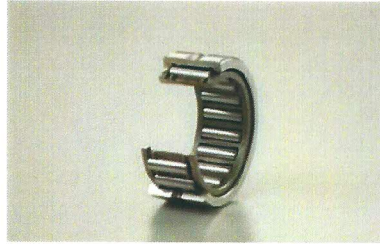


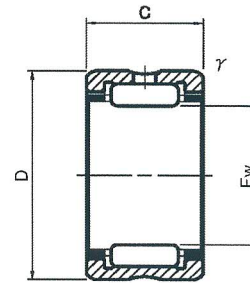
# MACHINED RING NEEDLE ROLLER BEARINGS STAINLESS STEEL

WITHOUT INNER RING



RNA49,NK TYPE

**STAINLESS  
STEEL !!**



RNA49...M,NK...M

Shaft Diameter (mm)	Designation		Dimensions (mm)			Standard mounting dimensions	Basic dynamic load rating	Basic static load rating	Limiting speed	Weight	
	Fw	RNA 49	NK	D	C	1) $\gamma$ s min	Da MAX mm	Cr N	Cor N	2) rpm	g
8	8	RNA 496M	—	15	10	0.15	13.8	3100	2700	32000	7.3
8	8	—	NK 8/12M	15	12	0.3	13	4000	3700	32000	9
8	8	—	NK 8/16M	15	16	0.3	13	5600	5800	32000	13
9	9	—	NK 9/12M	16	12	0.3	14	4400	4200	30000	10
9	9	—	NK 9/16M	16	16	0.3	14	6000	6500	30000	13.2
9	9	RNA 497M	—	17	10	0.15	15.8	3600	2800	30000	9.3
10	10	—	NK 10/12M	17	12	0.3	15	4700	4800	28000	10.7
10	10	—	NK 10/16M	17	16	0.3	15	6500	7300	28000	14.3
10	10	RNA 498M	—	19	11	0.2	17.4	4900	4000	28000	12.6
12	12	—	NK 12/12M	19	12	0.3	17	5200	5800	26000	12.2
12	12	—	NK 12/16M	19	16	0.3	17	7300	8900	26000	16.3
12	12	RNA 499M	—	20	11	0.3	18	5200	5000	26000	13.6
14	14	RNA 4900M	—	22	13	0.3	20	7300	8000	24000	16.5
14	14	—	NK 14/16M	22	16	0.3	20	9400	10900	24000	21
14	14	—	NK 14/20M	22	20	0.3	20	11800	14800	24000	26.5
15	15	—	NK 15/16M	23	16	0.3	21	9900	11900	23000	22.5
15	15	—	NK 15/20M	23	20	0.3	21	12400	16100	23000	28
16	16	RNA 4901M	—	24	13	0.3	22	7700	8800	23000	18.1
16	16	—	NK 16/16M	24	16	0.3	22	9800	12000	23000	23
16	16	—	NK 16/20M	24	20	0.3	22	12400	16300	23000	29
17	17	—	NK 17/16M	25	16	0.3	23	10200	13000	22000	24.5
17	17	—	NK 17/20M	25	20	0.3	23	13000	17600	22000	30.5
18	18	—	NK 18/16M	26	16	0.3	24	10700	14000	21000	25.5
18	18	—	NK 18/20M	26	20	0.3	24	13600	18800	21000	32
19	19	—	NK 19/16M	27	16	0.3	25	11200	14900	21000	27
19	19	—	NK 19/20M	27	20	0.3	25	14100	20200	21000	34
20	20	RNA 4902M	—	28	13	0.3	26	8700	11000	20000	21.5
22	22	RNA 4903M	—	30	13	0.3	28	9400	12400	18000	23.5
25	25	RNA 4904M	—	37	17	0.3	35	16800	20000	16000	55.5
30	30	RNA 4905M	—	42	17	0.3	40	18900	24500	13000	64

1) Smallest permissible chamfer dimension.

2) Suitable for oil lubrication. In case of grease lubrication, up to 60% of this value.

\*NK type of 10mm or less inscribed circle diameter (FW) is without oil holes.

Oil hole on these small sizes is also available on request.

**JNS**

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