

ROLLER FOLLOWERS
STAINLESS STEEL
SEPARABLE WITHOUT INNER RING

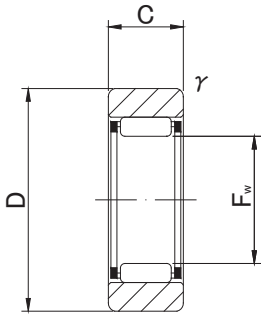


SUS/INOX

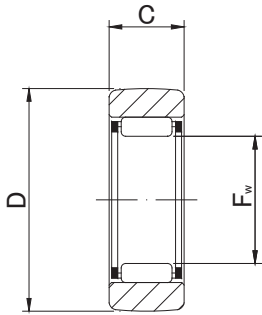
STAINLESS STEEL



RNAS...M



RNAS...M



RNAS...MR

RNAS...M TYPE

Prepacked Grease

Shaft Diameter (mm)	Designation		Dimensions (mm)				Basic dynamic load rating	Basic static load rating	Track load capacity		Limiting speed *	Mass
	Cylindrical outer ring	Crowned outer ring (R500)										
												
			Fw	D	C	rs min	Cr N	Cor N	Cylindrical outer ring N	Crowned outer ring N	rpm	g (approx)
7	RNA5T 5M	RNA5T 5MR	7 ^{+0.022 +0.013}	16	7.8	0.3	2 520	2 190	2 350	1 080	30 000	8.9
10	RNA5T 6M	RNA5T 6MR	10 ^{+0.027 +0.016}	19	9.8	0.3	3 790	4 180	3 530	1 370	20 000	13.9
12	RNA5T 8M	RNA5T 8MR	12 ^{+0.027 +0.016}	24	9.8	0.6	5 220	5 410	4 020	1 860	17 000	23.5
14	RNA5T10M	RNA5T10MR	14 ^{+0.027 +0.016}	30	11.8	1	8 920	8 890	5 590	2 450	15 000	42.5
16	RNA5T12M	RNA5T12MR	16 ^{+0.027 +0.016}	32	11.8	1	9 560	10 020	5 980	2 740	13 000	49.5
20	RNA5T15M	RNA5T15MR	20 ^{+0.033 +0.020}	35	11.8	1	11 310	13 150	6 570	3 140	10 000	50
22	RNA5T17M	RNA5T17MR	22 ^{+0.033 +0.020}	40	15.8	1	16 000	19 220	10 900	3 720	9 500	90
25	RNA5T20M	RNA5T20MR	25 ^{+0.033 +0.020}	47	15.8	1	17 660	22 540	12 700	4 610	8 500	135
30	RNA5T25M	RNA5T25MR	30 ^{+0.033 +0.020}	52	15.8	1	19 040	26 120	14 100	5 290	7 000	152
38	RNA5T30M	RNA5T30MR	38 ^{+0.041 +0.025}	62	19.8	1	27 870	41 760	22 100	6 660	5 500	255
42	RNA5T35M	RNA5T35MR	42 ^{+0.041 +0.025}	72	19.8	1	29 620	46 550	25 700	8 130	5 000	375
50	RNA5T40M	RNA5T40MR	50 ^{+0.041 +0.025}	80	19.8	1.5	32 840	56 210	26 900	9 310	4 000	420
55	RNA5T45M	RNA5T45MR	55 ^{+0.049 +0.030}	85	19.8	1.5	34 130	61 080	28 500	10 100	4 000	460
60	RNA5T50M	RNA5T50MR	60 ^{+0.049 +0.030}	90	19.8	1.5	35 600	66 050	30 200	11 000	3 500	500

* Suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible.

OUTER RINGS TOLERANCE

TYPE	Cylindrical outer ring	Crowned outer ring
RNAS5M	0/-8	0/-50
RNAS6M,RNAS8M,RNAS10M	0/-9	0/-50
RNAS12M,RNAS15M,RNAS17M,RNAS20M	0/-11	0/-50
RNAS25M,RNAS30M,RNAS35M,RNAS40M	0/-13	0/-50
RNAS45M,RNAS50M	0/-15	0/-50

ROLLER FOLLOWERS
STAINLESS STEEL
SEPARABLE WITH INNER RING

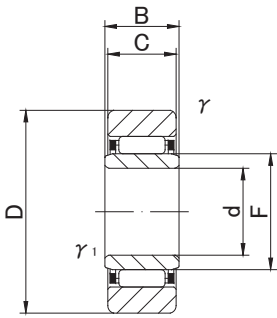


SUS/INOX

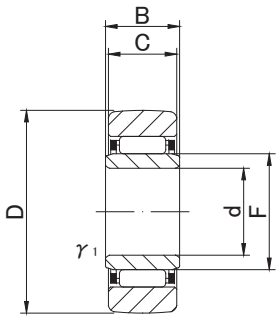
STAINLESS STEEL



NAST..M



NAST..M



NAST..MR

NAST..M TYPE

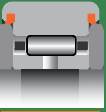
Prepacked Grease

Shaft Diameter (mm)	Designation		Dimensions (mm)							Basic dynamic load rating	Basic static load rating	Track load capacity		Limiting speed *	Mass
															
			d	D	B	C	r/s min	r1s min	F	Cr N	Cor N	Cylindrical outer ring N	Crowned outer ring N	rpm	g (approx)
6	NAST 6M	NAST 6MR	6 ⁰ _{-0.008}	19	10	9.8	0.3	0.3	10	3 790	4 180	3 530	1 370	20 000	17.8
8	NAST 8M	NAST 8MR	8 ⁰ _{-0.008}	24	10	9.8	0.6	0.3	12	5 220	5 410	4 020	1 860	17 000	28
10	NAST10M	NAST10MR	10 ⁰ _{-0.008}	30	12	11.8	1	0.3	14	8 920	8 890	5 590	2 450	15 000	50
12	NAST12M	NAST12MR	12 ⁰ _{-0.008}	32	12	11.8	1	0.3	16	9 560	10 020	5 980	2 740	13 000	58
15	NAST15M	NAST15MR	15 ⁰ _{-0.008}	35	12	11.8	1	0.3	20	11 310	13 150	6 570	3 140	10 000	62
17	NAST17M	NAST17MR	17 ⁰ _{-0.010}	40	16	15.8	1	0.3	22	16 000	19 220	10 900	3 720	9 500	110
20	NAST20M	NAST20MR	20 ⁰ _{-0.010}	47	16	15.8	1	0.3	25	17 660	22 540	12 700	4 610	8 500	155
25	NAST25M	NAST25MR	25 ⁰ _{-0.010}	52	16	15.8	1	0.3	30	19 040	26 120	14 100	5 290	7 000	180
30	NAST30M	NAST30MR	30 ⁰ _{-0.010}	62	20	19.8	1	0.6	38	27 870	41 760	22 100	6 660	5 500	320
35	NAST35M	NAST35MR	35 ⁰ _{-0.012}	72	20	19.8	1	0.6	42	29 620	46 550	25 700	8 130	5 000	440
40	NAST40M	NAST40MR	40 ⁰ _{-0.012}	80	20	19.8	1.5	1	50	32 840	56 210	26 900	9 310	4 000	530
45	NAST45M	NAST45MR	45 ⁰ _{-0.012}	85	20	19.8	1.5	1	55	34 130	61 080	28 500	10 100	4 000	580
50	NAST50M	NAST50MR	50 ⁰ _{-0.012}	90	20	19.8	1.5	1	60	35 600	66 050	30 200	11 000	3 500	635

* Suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible.

TYPE	Cylindrical outer ring	Crowned outer ring
NAST6M,NAST8M,NAST10M	0/-9	0/-50
NAST12M,NAST15M,NAST17M,NAST20M	0/-11	0/-50
NAST25M,NAST30M,NAST35M,NAST40M	0/-13	0/-50
NAST45M,NAST50M	0/-15	0/-50

ROLLER FOLLOWERS
STAINLESS STEEL
SEPARABLE
WITH INNER RING
WITH SHIELD

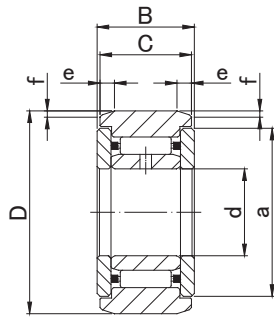


SUS/INOX

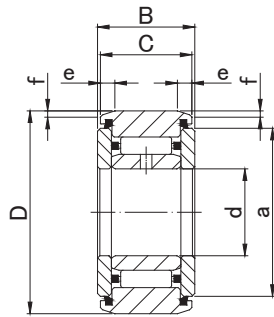
SUS/INOX



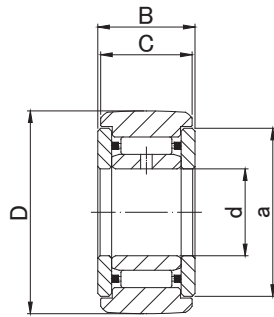
NAST..MZZ



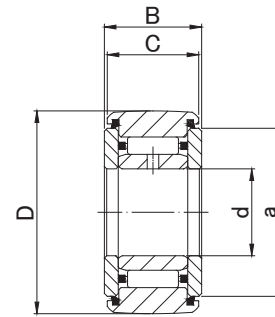
NAST..MZZ



NAST..MZZUU



NAST..MZZR



NAST..MZZUUR

STAINLESS STEEL

NAST..MZZ TYPE

Prepacked Grease

Shaft Diameter (mm)	Designation				Dimensions (mm)							Basic dynamic load rating	Basic static load rating	Track load capacity		Limiting speed *	Mass
	Cylindrical outer ring		Crowned outer ring (R500)		   												
	Without seals	With seals	Without seals	With seals	d	D	B	C	a	e	f	Cr N	Cor N	Cylindrical outer ring N	Crowned outer ring N	rpm	g (approx)
6	NAST 6MZZ	NAST 6MZZUU	NAST 6MZZR	NAST 6MZZUUR	6 ⁰ _{-0.008}	19	14	13.8	14	2.5	0.8	3 790	4 180	3 530	1 370	20 000	24.5
8	NAST 8MZZ	NAST 8MZZUU	NAST 8MZZR	NAST 8MZZUUR	8 ⁰ _{-0.008}	24	14	13.8	17.5	2.5	0.8	5 220	5 410	4 510	1 860	17 000	39
10	NAST10MZZ	NAST10MZZUU	NAST10MZZR	NAST10MZZUUR	10 ⁰ _{-0.008}	30	16	15.8	23.5	2.5	0.8	8 920	8 890	6 860	2 450	15 000	65
12	NAST12MZZ	NAST12MZZUU	NAST12MZZR	NAST12MZZUUR	12 ⁰ _{-0.008}	32	16	15.8	25.5	2.5	0.8	9 560	10 020	7 350	2 740	13 000	75
15	NAST15MZZ	NAST15MZZUU	NAST15MZZR	NAST15MZZUUR	15 ⁰ _{-0.008}	35	16	15.8	29	2.5	0.8	11 310	13 150	8 040	3 140	10 000	83
17	NAST17MZZ	NAST17MZZUU	NAST17MZZR	NAST17MZZUUR	17 ⁰ _{-0.010}	40	20	19.8	32.5	3	1	16 000	19 220	11 800	3 720	9 500	135
20	NAST20MZZ	NAST20MZZUU	NAST20MZZR	NAST20MZZUUR	20 ⁰ _{-0.010}	47	20	19.8	38	3	1	17 660	22 540	13 800	4 610	8 500	195
25	NAST25MZZ	NAST25MZZUU	NAST25MZZR	NAST25MZZUUR	25 ⁰ _{-0.010}	52	20	19.8	43	3	1	19 040	26 120	15 300	5 290	7 000	225
30	NAST30MZZ	NAST30MZZUU	NAST30MZZR	NAST30MZZUUR	30 ⁰ _{-0.010}	62	25	24.8	50.5	4	1.2	27 870	41 760	22 100	6 660	5 500	400
35	NAST35MZZ	NAST35MZZUU	NAST35MZZR	NAST35MZZUUR	35 ⁰ _{-0.012}	72	25	24.8	53.5	4	1.2	29 620	46 550	25 700	8 130	5 000	550
40	NAST40MZZ	NAST40MZZUU	NAST40MZZR	NAST40MZZUUR	40 ⁰ _{-0.012}	80	26	25.8	61.5	4	1.2	32 840	56 210	30 300	9 310	4 000	710
45	NAST45MZZ	NAST45MZZUU	NAST45MZZR	NAST45MZZUUR	45 ⁰ _{-0.012}	85	26	25.8	66.5	4	1.2	34 130	61 080	31 100	10 100	4 000	760
50	NAST50MZZ	NAST50MZZUU	NAST50MZZR	NAST50MZZUUR	50 ⁰ _{-0.012}	90	26	25.8	76	4	1.2	35 600	66 050	34 000	11 000	3 500	830

* Without seals, suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible, and 70% of this value shall apply for types with seals.

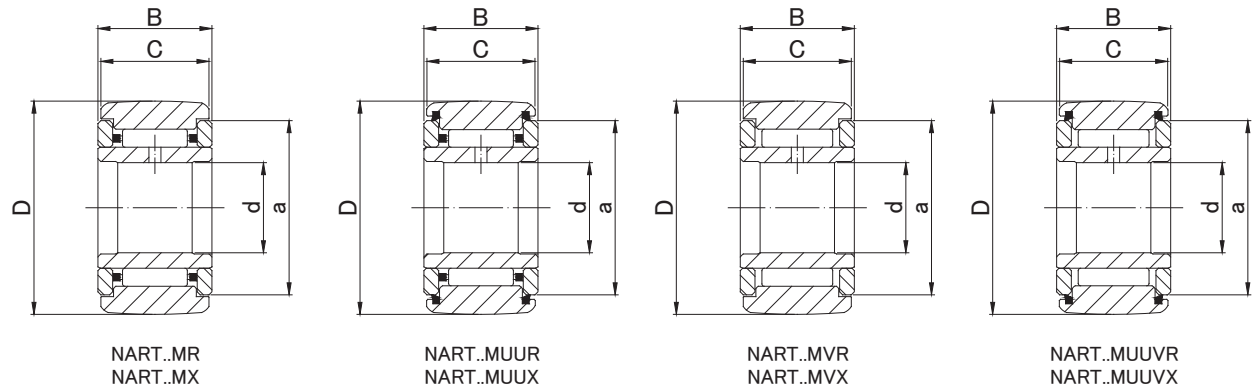
OUTER RINGS TOLERANCE (Outside diameter) (μm)

TYPE	Cylindrical outer ring	Crowned outer ring
NAST6M,NAST8M,NAST10M	0/-9	0/-50
NAST12M,NAST15M,NAST17M,NAST20M	0/-11	0/-50
NAST25M,NAST30M,NAST35M,NAST40M	0/-13	0/-50
NAST45M,NAST50M	0/-15	0/-50

ROLLER FOLLOWERS
STAINLESS STEEL
NON SEPARABLE WITH INNER RING



SUS/INOXSUS/INOX



STAINLESS STEEL

NART.. M TYPE

Prepacked Grease

Shaft Diameter (mm)	Designation				Dimensions (mm)					Basic dynamic load rating	Basic static load rating	Track load capacity		Limiting speed *	Mass
	Crowned outer ring R500(≤ NART17R) R1000(NART20R ≤)		Cylindrical outer ring												
															
	Without seals	With seals	Without seals	With seals	d	D	B	C	a	Cr N	Cor N	Crowned outer ring N	Cylindrical outer ring N	rpm	g (approx)
5	NART 5MR NART 5MVR	NART 5MUUR NART 5MUUVR	NART 5MX NART 5MVX	NART 5MUUX NART 5MUUVX	5 ⁰ -0.008	16	12	11	12	3 330 6 210	3 420 7 670	1 080 1 080	3 430 3 430	25 000 8 500	14.5 15.1
6	NART 6MR NART 6MVR	NART 6MUUR NART 6MUUVR	NART 6MX NART 6MVX	NART 6MUUX NART 6MUUVX	6 ⁰ -0.008	19	12	11	14	3 860 7 020	4 320 9 470	1 370 1 370	4 020 4 020	20 000 7 000	20.5 21.5
8	NART 8MR NART 8MVR	NART 8MUUR NART 8MUUVR	NART 8MX NART 8MVX	NART 8MUUX NART 8MUUVX	8 ⁰ -0.008	24	15	14	17.5	6 070 10 850	6 710 14 350	1 860 1 860	5 950 5 950	17 000 5 500	41.5 42.5
10	NART10MR NART10MVR	NART10MUUR NART10MUUVR	NART10MX NART10MVX	NART10MUUX NART10MUUVX	10 ⁰ -0.008	30	15	14	23.5	7 910 14 350	7 630 16 650	2 450 2 450	7 060 7 060	15 000 5 000	64.5 66.5
12	NART12MR NART12MVR	NART12MUUR NART12MUUVR	NART12MX NART12MVX	NART12MUUX NART12MUUVX	12 ⁰ -0.008	32	15	14	25.5	8 370 15 450	8 460 18 860	2 740 2 740	7 450 7 450	13 000 4 500	71 73
15	NART15MR NART15MVR	NART15MUUR NART15MUUVR	NART15MX NART15MVX	NART15MUUX NART15MUUVX	15 ⁰ -0.008	35	19	18	29	13 240 23 090	16 190 33 480	3 140 3 140	11 200 11 200	10 000 3 500	102 106
17	NART17MR NART17MVR	NART17MUUR NART17MUUVR	NART17MX NART17MVX	NART17MUUX NART17MUUVX	17 ⁰ -0.008	40	21	20	32.5	17 110 29 440	20 700 42 500	3 720 3 720	14 400 14 400	9 500 3 000	149 155
20	NART20MR NART20MVR	NART20MUUR NART20MUUVR	NART20MX NART20MVX	NART20MUUX NART20MUUVX	20 ⁰ -0.010	47	25	24	38	22 170 38 360	30 080 61 910	7 150 7 150	21 000 21 000	8 000 2 500	250 255
25	NART25MR NART25MVR	NART25MUUR NART25MUUVR	NART25MX NART25MVX	NART25MUUX NART25MUUVX	25 ⁰ -0.010	52	25	24	43	23 730 41 860	34 500 72 680	8 230 8 230	23 200 23 200	7 000 2 500	285 295
30	NART30MR NART30MVR	NART30MUUR NART30MUUVR	NART30MX NART30MVX	NART30MUUX NART30MUUVX	30 ⁰ -0.010	62	29	28	50.5	33 300 55 010	52 340 101 560	10 500 10 500	33 000 33 000	5 500 1 800	470 485
35	NART35MR NART35MVR	NART35MUUR NART35MUUVR	NART35MX NART35MVX	NART35MUUX NART35MUUVX	35 ⁰ -0.012	72	29	28	53.5	35 140 57 960	57 770 111 780	12 900 12 900	38 000 38 000	5 000 1 700	640 655
40	NART40MR NART40MVR	NART40MUUR NART40MUUVR	NART40MX NART40MVX	NART40MUUX NART40MUUVX	40 ⁰ -0.012	80	32	30	61.5	42 500 70 100	77 920 151 060	14 900 14 900	44 400 44 000	4 000 1 400	845 865
45	NART45MR NART45MVR	NART45MUUR NART45MUUVR	NART45MX NART45MVX	NART45MUUX NART45MUUVX	45 ⁰ -0.012	85	32	30	66.5	45 350 73 780	87 580 166 610	16 100 16 100	47 000 47 000	4 000 1 300	915 935
50	NART50MR NART50MVR	NART50MUUR NART50MUUVR	NART50MX NART50MVX	NART50MUUX NART50MUUVX	50 ⁰ -0.012	90	32	30	76	47 010 77 370	94 110 182 160	17 300 17 300	50 000 50 000	3 500 1 200	980 1 010

* Without seals, suitable for grease lubrication. In case of oil lubrication, up to 130% of this value shall be permissible, and 70% of this value shall apply for types with seals.

OUTER RINGS TOLERANCE (Outside diameter) (μm)

TYPE	Crowned outer ring	Cylindrical outer ring
NART5M	0/-50	0/-8
NART6M,NART8M,NART10M	0/-50	0/-9
NART12M,NART15M,NART17M,NART20M	0/-50	0/-11
NART25M,NART30M,NART35M,NART40M	0/-50	0/-13
NART45M,NART50M	0/-50	0/-15