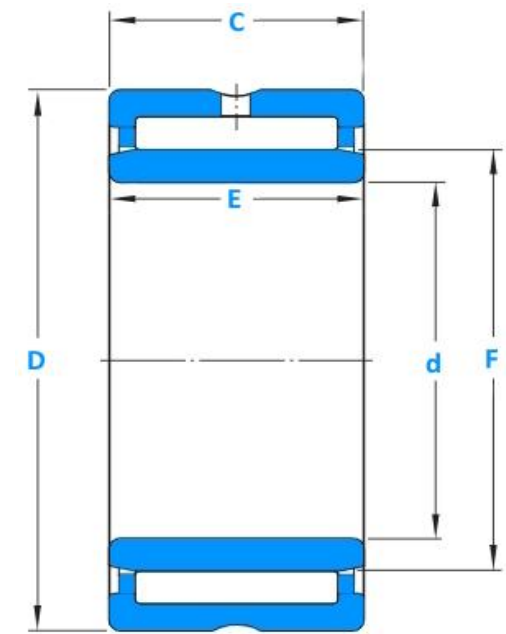


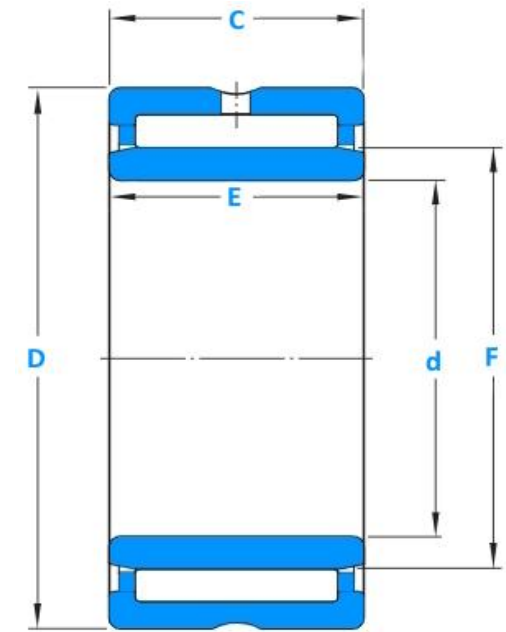
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKI5/12	5	15	12	12	7	2650	1920	32000	0.0115
NKI5/16	5	15	16	16	7	5800	5800	32000	0.0153
NKI6/12	6	16	12	12	8	5100	5000	31000	0.0135
NKI6/16	6	16	16	16	8	6600	7100	31000	0.0174
NAO6X17X10	6	17	10	10	10	5300	5500	29500	0.0140
NAO12X24X13	6	17	10	10	10	10100	11800	23600	0.0300
NKI7/12	7	17	12	12	10	5300	5500	29500	0.0137
NKI7/12	7	17	12	12	10	5300	5500	29500	0.0137
NKI7/16	7	17	16	16	10	7000	7800	29500	0.0182
NKI7/16	7	17	16	16	10	7000	7800	29500	0.0182
NKI9/12	9	19	12	12	12	7200	7100	20200	0.0166
NKI9/16	9	19	16	16	12	10100	11000	26500	0.0219



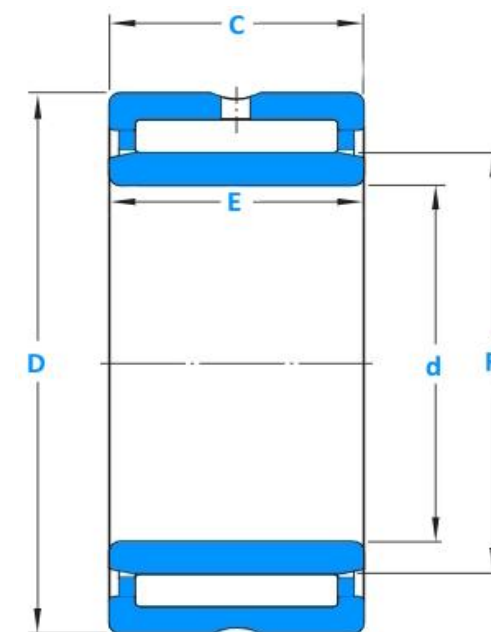
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NAO9X22X12	9	22	12	12	12	9600	10000	26000	0.0235
NKI10/12	10	22	12	12	14	5300	5500	29500	0.0371
NA4900	10	22	13	13	14	8000	9000	23700	0.0210
NA4900-2RS	10	22	13	14	14	4560	4660	13000	0.0210
NKI10/16	10	22	16	16	14	11400	11500	24600	0.0294
NKI10/20	10	22	20	20	14	14500	15600	24600	0.0371
NA6900	10	22	22	22	14	9000	11000	23700	0.0380
NA6900-2RS	10	22	22	22	14	9000	11000	23700	0.0380
NA4901	12	24	13	13	16	9000	10800	20000	0.0251
NA4901-2RS	12	24	13	14	16	4950	5800	12000	0.0251
NKI12/16	12	24	16	16	16	12800	13900	23200	0.0333
NKI12/20	12	24	20	20	16	14000	18400	21000	0.0419



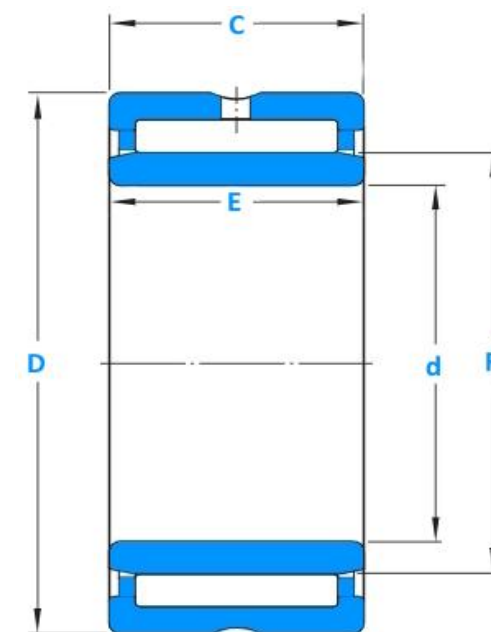
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA6901	12	24	22	22	16	6000	21600	20000	0.0384
NA6901-2RS	12	24	22	22	16	6000	21600	20000	0.0384
NAO12X28X12	12	28	12	12	16	11500	12500	22900	0.0400
NKIS12	12	30	16	16	18	16000	17000	20000	0.0580
NKI15/16	15	27	16	16	19	8800	12800	19100	0.0388
NKI15/20	15	27	20	20	19	12300	19000	19100	0.0487
NA4902	15	28	13	13	20	6400	9000	18000	0.0320
NAO15X28X13	15	28	13	13	20	11100	14300	21300	0.0290
NA4902-2RS	15	28	14	13	20	6400	9000	18000	0.0320
NA6902	15	28	23	23	20	13100	20900	18000	0.0616
NA6902-2RS	15	28	23	23	20	13100	20900	18000	0.0616
NAO15X32X12	15	32	12	12	20	15100	16200	21300	0.0500



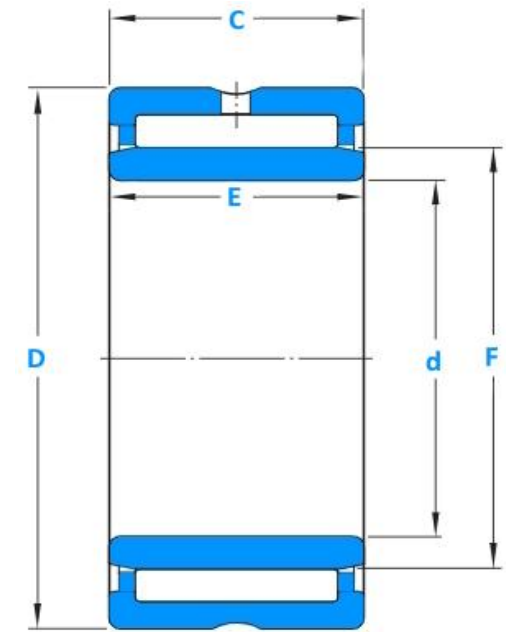
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKIS15	15	35	20	20	22	23500	24000	17000	0.0920
NKI17/16	17	29	16	16	21	13000	18200	20000	0.0424
NKI17/20	17	29	20	20	21	19300	25500	20600	0.0534
NA4903	17	30	13	13	22	7000	10000	17000	0.0328
NAO17X30X13	17	30	13	13	22	15900	20400	11100	0.0420
NA4903-2RS	17	30	14	13	22	7000	10000	17000	0.0328
NA6903	17	30	23	23	22	14400	24900	17000	0.0682
NA6903-2RS	17	30	23	23	22	14400	24900	17000	0.0682
NAO17X35X16	17	35	16	16	22	19400	25500	19000	0.0780
NKIS17	17	37	20	20	24	26000	31000	17200	0.0980
NKI20/16	20	32	16	16	24	10800	17000	16700	0.0490
NKI20/20	20	32	20	20	24	21400	30500	18500	0.0610



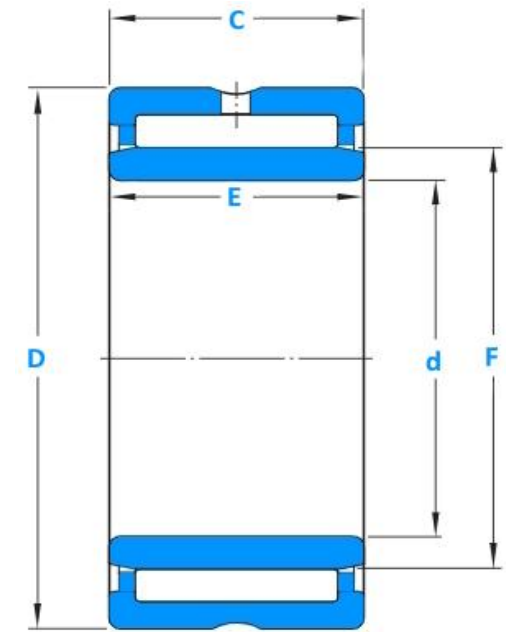
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NAO20X35X17	20	35	17	17	25	14900	26000	18100	0.0760
NAO20X37X16	20	37	16	16	25	23500	27500	17200	0.0820
NA4904	20	37	17	17	25	21000	25000	17000	0.0702
NA4904-2RS	20	37	17	18	25	21000	25000	17000	0.0702
NA6904	20	37	30	30	25	36000	51000	17000	0.1120
NA6904-2RS	20	37	30	30	25	36000	51000	17000	0.1120
NKIS20	20	42	20	20	28	28000	35500	15000	0.1290
NKI22/16	22	34	16	16	26	15300	23600	17000	0.0520
NKI22/20	22	34	20	20	26	22000	32000	17200	0.0654
NA49/22	22	39	17	17	28	22000	29500	15000	0.0800
NA69/22	22	39	30	30	28	37500	55000	15000	0.1500
NKI25/20	25	38	20	20	29	21900	34000	15000	0.0794



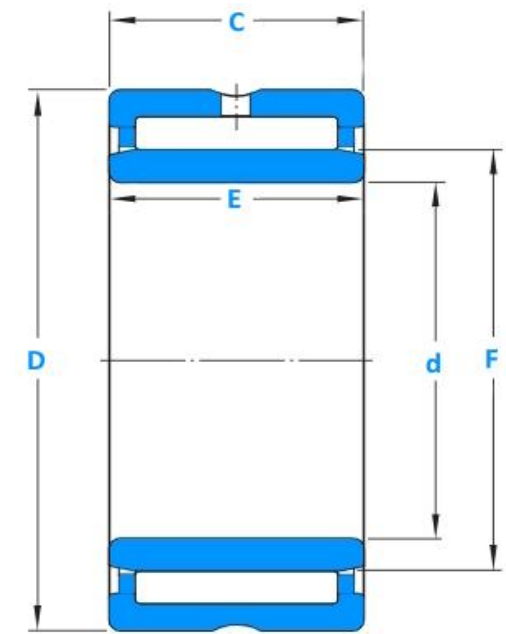
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKI25/30	25	38	30	30	29	31500	56000	14000	0.1240
NAO25X40X17	25	40	17	17	30	22100	34000	15100	0.0880
NAO25X42X16	25	42	16	16	30	26000	33500	14600	0.0860
NA4905	25	42	17	17	30	23600	31500	14000	0.0760
NA4905-2RS	25	42	17	18	30	23600	31500	14000	0.0760
NA6905	25	42	30	30	30	29000	59000	14000	0.1380
NA6905-2RS	25	42	30	30	30	29000	59000	14000	0.1380
NAO25X42X32	25	42	32	32	30	45000	67000	14600	0.1900
NKIS25	25	47	22	22	32	32000	55000	13000	0.1600
NKI28/20	28	42	20	20	32	23000	37500	14000	0.0965
NKI28/30	28	42	30	30	32	39000	63000	14000	0.1460
NA49/28	28	45	17	17	32	24000	33500	14000	0.0977



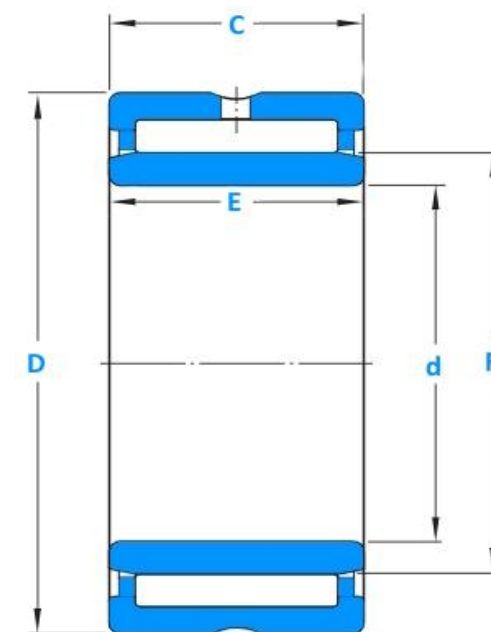
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA69/28	28	45	30	30	32	40500	63000	14000	0.1800
NAO30X45X17	30	45	17	17	35	19800	39000	13000	0.1020
NKI30/20	30	45	20	20	35	24000	42500	13000	0.1120
NAO30X45X26	30	45	26	26	35	31500	56000	13100	0.1570
NKI30/30	30	45	30	30	35	36500	69000	13000	0.1700
NAO30X47X16	30	47	16	16	35	27500	37500	12500	0.1090
NA4906	30	47	17	17	35	25000	35500	13000	0.1130
NA4906-2RS	30	47	17	18	35	25000	35500	13000	0.1130
NAO30X47X18	30	47	18	18	35	31000	43000	12500	0.1900
NA6906	30	47	30	30	35	43500	71000	13000	0.2420
NA6906-2RS	30	47	30	30	35	43500	71000	13000	0.2420
NKIS30	30	52	22	22	37	36500	50000	11700	0.1800



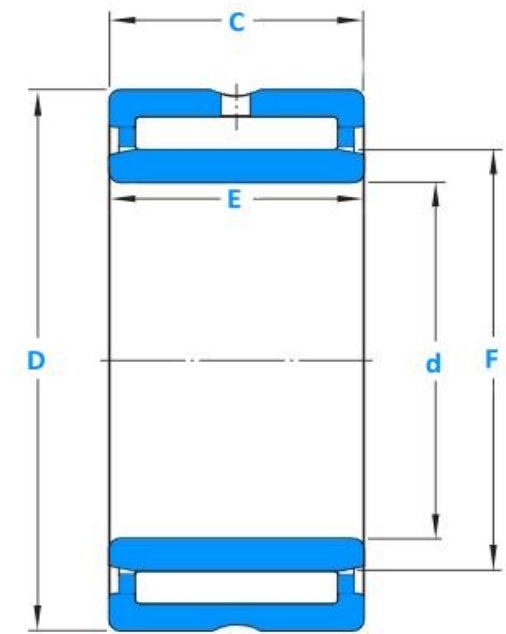
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKI32/20	32	47	20	20	37	28000	43500	12300	0.1180
NKI32/30	32	47	30	30	37	42000	73000	12300	0.1800
NA69/32	32	52	36	36	40	100000	100000	11000	0.2900
NAO35X50X17	35	50	17	17	40	21400	41500	11500	0.1130
NKI35/20	35	50	20	20	40	33500	56000	11400	0.1270
NKI35/30	35	50	30	30	40	39000	79000	11000	0.1930
NA4907	35	55	20	20	42	19800	41500	11000	0.1510
NAO35X55X20	35	55	20	20	40	37000	57000	11300	0.1900
NA4907-2RS	35	55	20	21	42	19800	41500	11000	0.1510
NA6907	35	55	36	36	42	26000	60500	11000	0.3010
NA6907-2RS	35	55	36	36	42	26000	60500	11000	0.3010
NKIS35	35	58	22	22	43	33000	56000	9500	0.2200



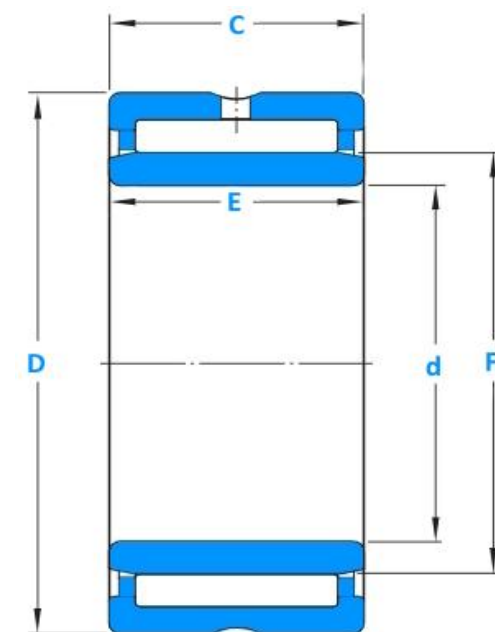
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKI38/20	38	53	20	20	43	30500	51000	10700	0.1360
NKI38/30	38	53	30	30	43	45500	85000	10700	0.2070
NAO40X55X17	40	55	17	17	45	22500	46000	10300	0.1270
NKI40/20	40	55	20	20	45	22000	48000	10000	0.1420
NKI40/30	40	55	30	30	45	35000	86000	10000	0.2160
NA4908	40	62	22	22	48	42000	65000	8500	0.1230
NA4908.NTN	40	62	22	22	48	42000	65000	8500	0.1230
NA4908-2RS	40	62	22	23	48	42000	65000	8500	0.1230
NA6908	40	62	40	40	48	64000	112000	8500	0.4010
NA6908-2RS	40	62	40	40	48	64000	112000	8500	0.4010
NKIS40	40	65	22	22	47	42500	67000	4850	0.2800
NKI42/20	42	57	20	20	47	26000	52500	9500	0.1480



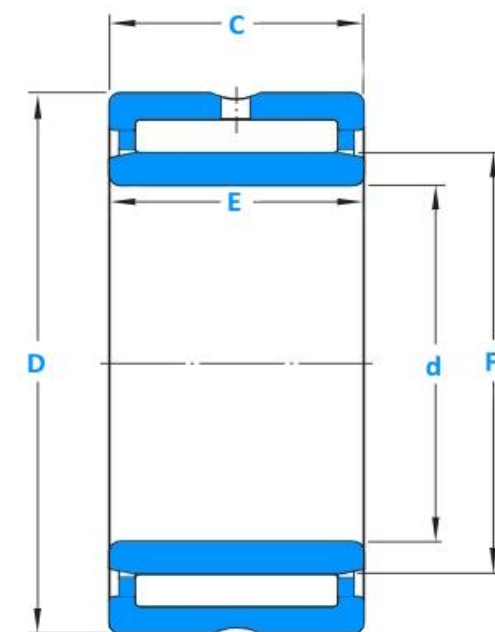
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKI42/30	42	58	30	30	47	48500	94000	9800	0.2220
NKI45/25	45	62	25	25	50	36000	70000	8500	0.2290
NKI45/35	45	62	35	35	50	41500	102000	8500	0.3220
NA4909	45	68	22	22	52	37000	96500	8000	0.2600
NA4909-2RS	45	68	22	23	52	37000	96500	8000	0.2600
NA6909	45	68	40	40	52	61500	123500	8000	0.4790
NA6909-2RS	45	68	40	40	52	61500	123500	8000	0.4790
NKIS45	45	72	22	22	52	43000	71000	7500	0.3400
NAO50X68X20	50	68	20	20	55	32000	66000	8500	0.2300
NKI50/25	50	68	25	25	55	32000	78000	7500	0.2700
NKI50/35	50	68	35	35	55	53000	118000	7500	0.3790
NA4910	50	72	22	22	58	41000	72000	7500	0.2640



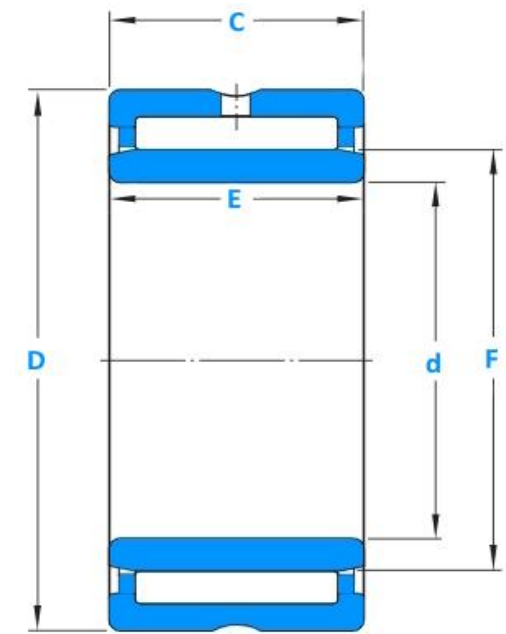
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA4910-2RS	50	72	22	23	58	41000	72000	7500	0.2640
NA6910	50	72	40	40	58	68000	135000	7500	0.4570
NA6910-2RS	50	72	40	40	58	68000	135000	7500	0.4570
NKIS50	50	80	28	28	58	60000	95000	7500	0.5200
NKI55/25	55	72	25	25	60	53000	103000	7700	0.2720
NKI55/35	55	72	35	35	60	48000	126800	7500	0.3790
NA4911	55	80	25	25	63	50600	96580	7500	0.3860
NA6911	55	80	45	45	63	82560	172000	7500	0.7600
NA6911-2RS	55	80	45	45	63	82560	172000	7500	0.7600
NKIS55	55	85	28	28	63	75000	108000	6900	0.5580
NKI60/25	60	82	25	25	68	35500	85000	7000	0.3940
NKI60/35	60	82	35	35	68	70000	139000	6800	0.5530



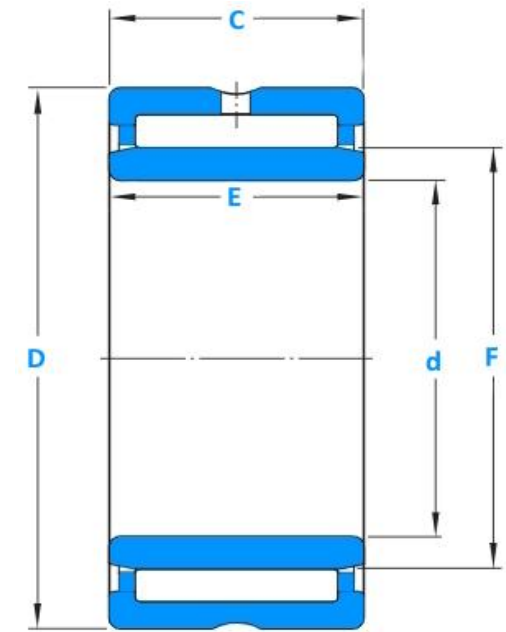
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA4912	60	85	25	25	68	52800	110500	6500	0.4120
NA6912	60	85	45	45	68	88500	186000	6500	0.7980
NA6912-2RS	60	85	45	45	68	88500	186000	6500	0.7980
NKIS60	60	90	28	28	68	65000	110000	6500	0.5600
NA4913	65	90	25	25	71	57500	110500	6500	0.4560
NA4913-2RS	65	90	25	25	71	57500	110500	6500	0.4560
NKI65/25	65	90	25	25	73	53000	100000	6500	0.4670
NKI65/35	65	90	35	35	73	75000	156000	6500	0.6590
NA6913	65	90	45	45	72	87600	194500	6500	0.8210
NA6913-2RS	65	90	45	45	72	87600	194500	6500	0.8210
NKIS65	65	95	28	28	72	81000	123000	6000	0.6410
NKI70/25	70	95	25	25	80	63000	119000	5800	0.5210



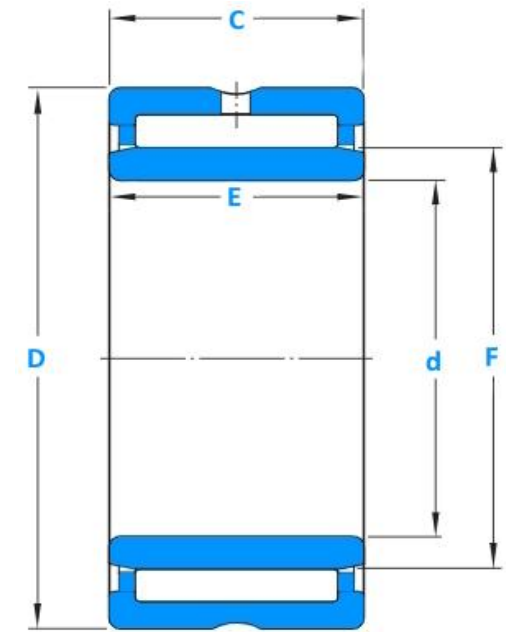
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NKI70/35	70	95	35	35	80	78000	184000	5500	0.7370
NA4914	70	100	30	30	80	79000	154000	5500	0.7280
NKIS70	70	100	30	30	80	75000	133000	5700	1.1800
NA6914	70	100	54	54	80	121000	263000	5500	1.3260
NA6914-2RS	70	100	54	54	80	121000	263000	5500	1.3260
NKI75/25	75	105	25	25	85	78000	123000	5400	0.6410
NA4915	75	105	30	30	85	82000	158000	5500	0.7750
NKI75/35	75	105	35	35	85	111000	193000	5400	0.9080
NA6915	75	105	54	54	85	128000	272000	5500	1.5100
NKI80/25	80	110	25	25	90	81000	132000	5100	0.6770
NA4916	80	110	30	30	90	81000	170500	5500	0.8700
NKI80/35	80	110	35	35	90	103000	208000	5000	0.9590



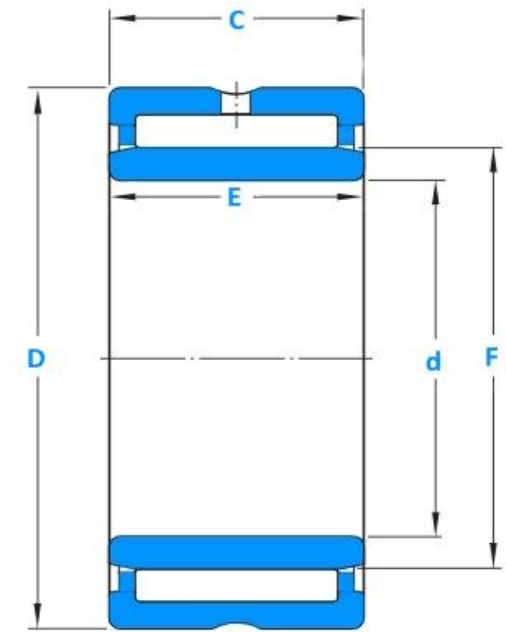
Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA6916	80	110	54	54	90	130500	280600	5000	1.5100
NKI85/26	85	115	26	26	95	73000	137000	4800	0.7430
NKI85/36	85	115	36	36	95	107000	223000	4800	1.0400
NA4917	85	120	35	35	100	111000	237000	4600	1.2500
NA6917	85	120	63	63	100	166000	400000	4600	2.2000
NKI90/26	90	120	26	26	100	26000	146000	4600	0.7780
NKI90/36	90	120	36	36	100	125000	237000	4600	1.0900
NA4918	90	125	35	35	105	114000	250000	4600	1.3120
NA6918	90	125	63	63	105	172000	425000	4600	2.3100
NKI95/26	95	125	26	26	105	78000	115000	4200	0.8160
NKI95/36	95	125	36	36	105	114000	250000	4200	1.1450
NA4919	95	130	35	35	110	116000	260000	4200	1.3120



Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA6919	95	130	63	63	110	174000	440000	4200	2.5000
NKI100/30	100	130	30	30	110	98000	210000	4000	0.9900
NKI100/40	100	130	40	40	110	143000	290000	4200	1.3300
NA4920	100	140	40	40	115	12000	274000	4000	1.9000
NA4822	110	140	30	30	120	94000	216000	3900	1.0800
NA4922	110	150	40	40	125	132000	290000	3700	2.0700
NA4824	120	150	30	30	130	99000	239000	3600	1.1700
NA4924	120	165	45	45	135	181000	890000	3400	2.8600
NA4826	130	165	35	35	145	118000	310000	3200	1.8100
NA4926	130	180	50	50	150	223000	470000	3100	3.9000
NA4828	140	175	35	35	155	120000	325000	3000	1.9200
NA4928	140	190	50	50	160	209000	500000	2900	4.1500



Needle Roller Bearings With Inner Rings

Code	Bore Size (mm) d	Outer Diameter (mm) D	Outer Ring Width (mm) C	Inner Ring Width (mm) E	Raceway Diameter (mm) F	Dynamic Load Rating (N)	Static Load Rating (N)	Limiting Speed (RPM)	Weight (kg)
NA4830	150	190	40	40	165	152000	400000	2800	2.7200
NA4832	160	200	40	40	175	160000	435000	2700	2.8900
NA4834	170	215	45	45	185	185000	510000	2500	3.9600
NA4836	180	225	45	45	195	194000	550000	2400	4.2000
NA4838	190	240	50	50	210	227000	690000	2300	5.6100
NA4840	200	250	50	50	220	230000	720000	2200	5.8400
NA4844	220	270	50	50	240	243000	790000	2000	6.3800

For Full Compliment Needle Bearings with Inner Ring, please look at our NA10-- / NA20-- / NA30-- Series