



TIMKEN Matched single row tapered roller bearing Metric

Timken metric tapered roller bearing matched assemblies consist of two single-row bearings [type TS] with individually matched spacers that are set at the factory to pre-determined dimensions and tolerances. The standard outer ring spacer is designed with lubrication holes to allow for lubricant flow into both bearing rows.

Matched bearing assemblies are supplied ready-to-fit into customer applications, with a unique serial number marked on spacers and bearing components for easy identification.

Timken can supply standard matched bearing assemblies in both the direct (DF) and indirect (DB) mounting arrangements to meet the application needs. Both types can accommodate axial loads in both directions.

Direct mounting “DF” (face-to-face)

- This arrangement consists of: [ul2]Two single-row bearings, with abutting back-facing inner-rings
- An outer-ring spacer with lubricating holes

Indirect mounting “DB” (back-to-back)

- This arrangement consists of: [ul2]Two single-row bearings
- An outer-ring spacer with lubricating holes
- A solid inner-ring spacer

Characteristics

Series: 320

Manufacturer ID	Inner diameter mm	Cup Outer diameter mm	Total width mm	Article Max. 200 articles in the table
A4059-902A7	14.986	35.052	24.638	11496733
A4059-902A5	14.986	35.052	24.638	11496731
12580-90026	20.574	49.276	39.624	11490936
14137A-90126	35.052	69.088	41.91	11491090
14139-90051	35.052	69.088	45.974	11440186
25570-90073	38.1	83.058	47.752	11491625
11157-902A2	39.878	76.2	38.1	11490894
11162-90025	41.402	76.2	38.1	11490900
26885-90034	41.402	80.264	50.8	11491777
25584-90074	44.958	83.058	47.752	11491651
HM903249-904A1	44.45	95.25	61.976	11498670
25590-902A1	45.72	83.058	57.15	11491665
HM804848-902A1	48.514	95.25	60.452	11498589
18790-90037	50.8	85.09	40.64	11491384
18790-90047	50.8	85.09	127	11491386
28580-90029	50.8	92.202		11491946
JHM807045-90N01	50.038	104.902	80.01	11498880
JHM807045-90N02	50.038	104.902	80.01	11498881
28584-902A1	52.324	92.202	54.864	11491958
28584-90055	52.324	92.202	54.864	11491957
28584-902A3	52.324	92.202	54.864	11491959
HM911242-90010	54.102	130.302	130.302	11498677
JH307749-90N01	55.118	109.982	86.106	11498794
JH307749-90N03	55.118	109.982	95.504	11498795
390/395LB	57.15	109.982	49.53	11493115
28980-90099	59.944	100.076	114.3	11492018

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28980-90085	59.944	100.076	133.35	11492017
28985-902A1	60.452	100.076	106.426	11492039
HM813841-90010	60.452	127	90.17	11498619
HM911245-90014	60.325	130.175	73.025	11498684
HM911245-90031	60.452	130.302	73.152	11498685
H913842-90020	61.976	146.05	82.55	11497707
H913842-90015	61.976	146.05	82.55	11497706
HM212047-902A2	63.5	122.174	76.2	11498174
JH211749-90N01	65	120	86	11498781
H715340-90012	65.024	136.652	98.552	11497666
HM212049-90017	66.802	122.174	76.2	11498178
HH914449-90011	66.802	177.8	114.3	11497984
HH914449-90010	66.802	177.8	114.3	11497983
9278-90016	68.326	162.052	98.552	11496244
29675-90013	69.85	112.776	50.8	11492118
HM813846-902A1	69.85	127	73.152	11498629
H913849-90040	69.85	146.05	82.55	11497716
H913849-90013	69.85	146.05	82.55	11497712
H913849-90010	69.85	146.05	90.424	11497710
H913849-90027	69.85	146.05	90.424	11497713
H913849-90011	69.85	146.05	90.488	11497711
H913849-90028	69.85	146.05	90.424	11497714
H913849-90030	69.85	146.05	91.44	11497715
H913849-90042	69.85	146.05	91.516	11497717
9382-90078	69.85	171.45		11496375
JH913848-90K04	70.104	150.114	87.884	11498816
JH415647-90N02	74.93	145.034	102.616	11498801
JH415647-90N01	74.93	145.034	112.014	11498800
755-90080	76.2	161.925	95.25	11495691
9285-902A5	76.2	161.925	98.425	11496257
9285-90013	76.2	161.925	98.425	11496250
9285-90017	76.2	162.052	98.552	11496252
9285-90014	76.2	162.052	107.95	11496251
9380-90034	76.2	171.45	98.552	11496349
9380-90050	76.2	171.45	98.552	11496351
9380-90019	76.2	171.45	98.552	11496348
9378-902A2	76.2	171.45	104.902	11496311
9378-902A3	76.2	171.45	104.902	11496312
98316-90077	80.01	199.898	105.41	11496582
HM516449C-902A7	82.55	133.35	79.502	11498504
HM516449C-902A6	82.55	133.35	85.852	11498503
27690-90040	83.312	125.476	54.864	11491831
27690-90045	83.312	125.476	54.864	11491832
9386H-902B6	84.074	171.45	98.552	11496381
JHM516849-90N01	85	140	86	11498843
JH217249-90K02	85	150	92	11498787
JH217249-90N01	85.09	150.114	102.108	11498788
90334-90018	85	188.913	112.944	11496215
759-902A7	88.9	161.925	120.65	11495711
850-90052	88.9	168.402	122.174	11496037
98350-90039	88.9	200	105.522	11496590
98350-90070	88.9	200	105.522	11496592
JHM318448-90K02	89.916	154.94	87.884	11498833

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	mm	mm	mm	Max. 200 articles in the table
JHM318448-90N01	89.916	154.94	98.044	11498834
J90354-90K05	89.916	189.992	101.6	11498773
J90354-90K01	90	190	101.6	11498772
776-902A2	95.25	180.975	104.775	11495754
864-902A1	95.25	190.5	115.062	11496134
90381-90021	96.838	188.913	107.95	11496219
HH421246C-902A1	98.552	184.15	127	11497956
HM321245-902A1	99.314	171.45	98.552	11498490
HH224334-90050	99.974	212.725	142.875	11497842
JHM720249-90K03	100.076	160.02	82.042	11498870
JHM720249-90K01	100.076	160.02	82.042	11498869
JHM720249-90K09	100.076	160.02	89.408	11498871
JHM720249-90N04	100	160	90	11498873
783-90184	100	180		11495825
687/672D	101.6	168.275	92.075	11495450
HH221449-90044	101.6	190.5	114.3	11497821
861-90097	101.6	190.5	153.416	11496122
861-90100	101.6	190.5	157.734	11496123
HH221449-90078	101.6	190.5	189.484	11497823
98400-90031	101.6	199.898	105.41	11496605
98400-90044	101.6	199.898	105.41	11496610
98400-90030	101.6	199.898	105.41	11496604
98400-90028	101.6	199.898	105.41	11496603
98400-90067	101.6	199.898	105.41	11496613
HH923649-90012	101.6	250.952	152.4	11497990
HH923649-90020	101.6	250.952	152.4	11497992
HH923649-90016	101.6	250.952	162.052	11497991
HH224340-90031	107.95	212.852	133.35	11497849
936-90063	107.95	212.725	133.35	11496276
HH224340-90054	107.95	212.852	133.35	11497850
JHM522649-90K01	109.982	180.086	102.362	11498849
JHM522649AC-90KA9	109.982	180.086	102.362	11498855
JHM522649-90N07	109.982	180.086	128.524	11498852
JHM522649-90N01	110	180	102.974	11441661
71437-90154	111.252	190.5		11495486
H924045-90014	111.125	214.313	111.125	11497745
H924045-90022	111.125	214.313	111.125	11497748
HM926740-90082	114.3	228.6		11498718
HM926740-90056	114.3	228.6	107.95	11498712
HM926740-90073	114.3	228.6	107.95	11498717
HM926740-902A6	114.3	228.6	107.95	11498720
HM926740-90025	114.3	228.6	107.95	11498706
HM926740-90052	114.3	228.6	107.95	11498711
HM926740-90041	114.3	228.6	107.95	11498708
HH926744-90036	114.3	273.05	165.1	11498004
HH926744-90034	114.3	273.05	165.1	11498003
HH926744-90030	114.3	273.05	184.15	11498002
HH926744-90044	114.3	279.4	184.15	11498005
71453-90113	115.087	190.5		11495513
71453-902A3	115.062	190.5	106.426	11495517
HH926749-90032	120.65	273.05	165.1	11498010
HH926749-90018	120.65	273.05	165.1	11498009
HH926749-90016	120.65	273.05	177.8	11498008

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HM926745-90036	125.222	228.6	107.95	11498731
HM926747-90027	127	228.6	107.95	11498737
HM926749-90079	127.792	228.6	107.95	11498752
HM926749-90054	127.762	228.6	107.95	11498750
HM926747-90057	127	228.6	107.95	11498739
HM926747-902B6	127	228.6	107.95	11498745
HM926747-90019	127	228.6	107.95	11498735
95500-90114	127	234.95	127	11496470
HH932132-90011	127	304.8	177.8	11498016
HH932132-90012	127	304.8	177.8	11498017
HH932132-90013	127	304.8	177.8	11498018
HH932132-90071	127	304.8	190.5	11498023
HH932132-90034	127	304.8	190.5	11498020
HH932132-90066	127	304.8	190.5	11498022
HH932132-90019	127	304.8	228.6	11498019
74525-90099	133.35	215.9	95.25	11495596
74550-902D1	139.7	215.9	95.25	11495638
74550-90189	139.7	215.9	101.6	11495620
896-902A4	139.078	228.613	123.927	11496194
898-902B2	139.7	228.6	123.952	11496206
99550-90152	139.7	254	133.35	11496637
HM231140-90033	146.05	236.474	114.3	11498211
HH932145-90049	146.05	304.8	177.8	11498032
HH932145-90022	146.05	304.8	177.8	11440926
HH932145-90023	146.05	304.8	177.8	11440752
HH932145-90024	146.05	304.8	190.5	11498027
HH932145-902A4	146.05	304.8	190.5	11498036
HH932145-90047	146.05	304.8	190.5	11498031
HH932145-90044	146.05	304.8	190.5	11498030
HH932145-90060	146.05	304.8	190.5	11498034
HH932145-90028	146.05	311.15	190.5	11498029
99600-90040	152.4	254	133.35	11496671
99603-908A2	152.4	254	168.91	11496692
HH234048-90011	152.4	308.102	177.8	11497912
H936340-902A4	155.575	330.2	171.45	11497763
H936340-902A3	155.702	330.2	171.45	11497762
H936340-90069	155.702	330.2	171.45	11497761
H936340-90032	155.702	330.2	171.45	11497758
H936340-90057	155.702	330.2	181.102	11497759
H936340-90016	155.702	342.9	190.5	11497757
94649-90011	165.1	289.052	127	11496410
H936349-902A1	168.275	330.2	171.45	11497773
H936349-90050	168.402	330.2	171.45	11497770
H936349-902B8	168.275	330.2	171.45	11497779
H936349-902B5	168.275	330.2	171.45	11497778
H936349-902A2	168.275	330.2	184.15	11497774
H936349-90055	168.275	330.2	184.15	11497771
H936349-902A6	168.402	330.2	190.5	11497776
H936349-902A3	168.402	342.9	171.45	11497775
H936349-902B2	168.402	342.9	171.45	11497777
H936349-90048	168.402	342.9	181.102	11497769
JHM534149-90N03	169.926	230.124		11498864
JHM534149-90K03	169.926	230.124	77.978	11498861

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JHM534149-90K01	169.926	230.124	87.122	11498860
JHM534149-90K05	169.926	230.124	87.122	11498862
JHM534149-90K02	170	230	77.998	11441667
JHM534149-90N01	170	230	87.975	11498863
HH840249-90015	190.5	336.55	196.85	11497980
HH840249-90011	190.5	336.55	196.85	11497977
HH840249-90012	190.5	336.55	209.55	11497978
HH840249-902A1	190.5	336.55	209.55	11497981
HH840249-90014	190.5	336.55	209.55	11497979
JHM840449-90K01	200	300	141	11498888
93825-902A5	209.55	317.5	127	11496367
93825-902B4	209.55	321.501	146.05	11496368
96825-90052	209.55	355.6	136.525	11496525
88900-90010	228.6	320.802	101.6	11496176

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