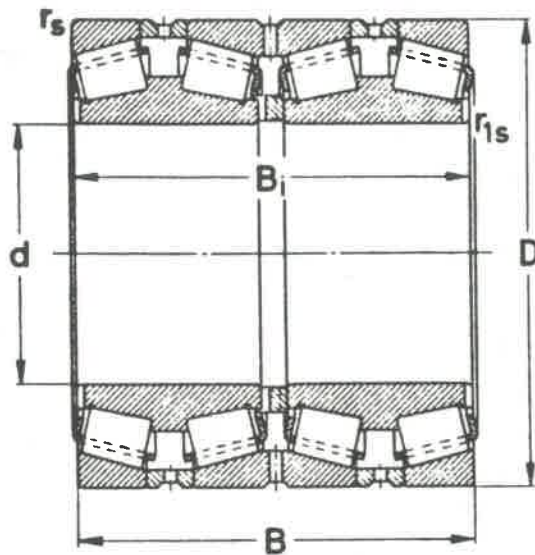




Bearing Repair in Intergrated, Mini Mills, Speciality Steel Mills and Aluminum Mills

Backup and Work Roll Bearings, Four Row Tapered Roller Bearings



**ROTATION PRODUCTS CORPORATION
BEARING CARE CENTER, USA**

2849 CATHERWOOD DRIVE • INDIANAPOLIS, IN 46219

1-800-536-8567

**INTERCHANGE FOR WORKROLL AND
BACKUP ROLL BEARINGS. FOUR ROW TAPERED
ROLLER BEARINGS TQO TYPE**

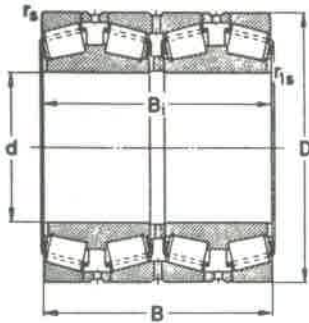
FAG	TIMKEN	TORRINGTON	SKF	DESIGN	DIMENSION
541598	L217845DW.810.810D	N/A	634012A	1	3.3750 x 4.8750 x 3.6251
538585	M224749DW.710.710D	N/A	N/A	1	4.750 x 6.8750 x 5.5625
509680	42890DW.220.220D	N/A	330880B	1	5.000 x 7.1875 x 6.2500
514353	67391D.322.323D	N/A	N/A	1	5.1250 x 7.7500 x 7.8750
509693A	4868DW.620.620D	N/A	N/A	1	5.5000 x 7.8750 x 6.3126
535519	73550D.875.876D	N/A	N/A	1	5.5000 x 8.7500 x 5.0000
510291	81576DW.962.963D	N/A	N/A	1	5.7500 x 9.6250 x 7.375
508137	M231649DW.610.610D	N/A	331329	2	6.0000 x 8.7500 x 6.8750
518921	46791D.720.721D	N/A	330835	1	6.5000 x 8.8750 x 6.6250
501193A	67791DW.720.721D	N/A	331480	1	7.0000 x 9.7500 x 7.5625
508776A	M238849DW.810.810D	N/A	331382	1	7.3750 x 10.6250 x 8.3125
502331	67885DW.820.820D	75TQ0351AA229	331249	1	7.5000 x 10.5000 x 7.4375
521799A	M240648DW.611.611D	N/A	330899A	1	7.8125 x 11.1875 x 8.8750
509681B	67986DW.920.921D	81TQ041913B236	331486	1	8.1250 x 11.1250 x 7.5000
523935	LM742749DW.714.714D	N/A	N/A	1	8.5000 x 11.3750 x 7.0000
507747	EE130850W.400.401D	85TQ0395AG262	330283	1	8.5000 x 14.0000 x 10.0000
506200	M244249DW.210.210D	86TQ0429AA234	331156	2	8.6875 x 12.3750 x 9.4375
511115	EE130904DW.400.402D	90TQ0395DF263	330892	1	9.0000 x 14.0000 x 10.2500
524152	EE529091D.157.158D	90TQ0394AA229	N/A	1	9.0000 x 15.7500 x 11.688
513166A	EE8576DW.8520.8520D	92TQ0448AA229	331399	1	9.2500 x 12.8750 x 7.7500
510890	EE127097DW.135.136D	95TQ0451BF241	330782A	1	9.5070 x 13.7460 x 9.0000
509411	LM247748DW.710.710D	96TQ0450AA229		1	9.6250 x 12.8750 x 7.6250
521798	LM247748DW.710.710D	96TQ0450AA229	330862B	2	9.6250 x 12.8750 x 7.6250
513833	M249748DW.710.710D	100TQ0461AA229	331275	1	10.0000 x 14.1250 x 10.6250
510847	EE822101DW.175.176	100TQ0457AA229	N/A	1	10.0000 x 17.5000 x 11.0000
510375	EE221027DW.575.576D	102TQ0478AA256	N/A	1	10.2500 x 15.7500 x 9.9998
517254	HM252349DW.310.310D	102TQ0479BH264	N/A	1	10.2500 x 16.6250 x 12.50000
504414D	LM451349DW.310.310D	105TQ0503AA229	N/A	2	10.5000 x 14.0000 x 9.0000
521797A	LM451349DW.310.310D	105TQ0503AA229	330822B	1	10.5000 x 14.0000 x 9.0000
515700	EE275106DW.155.156D	105TQ0496BA244	N/A	1	10.5000 x 15.5000 x 10.6251
526113	EE275106DW.160.161D	105TQ0490AB251	N/A	1	10.50000 x 16.0000 x 10.2502
511479	M252349DW.310.310D	106TQ0480AA229	331168A	1	10.6250 x 15.0000 x 11.1250
522846	89108D.148.151D	108TQ0493BI229	N/A	1	10.8750 x 15.0000 x 7.6250
504512	EE275109DW.155.156D	108TQ0496AA229	331288	1	10.8750 x 15.5000 x 10.6251
511860	EE135111DW.155.156D	110TQ0496AA229	330410	1	11.0000 x 15.5000 x 10.6250
507430	LM654644DW.610.610D	110TQ0546BA234	330540A	2	11.0070 x 14.9960 x 9.6250
511048	LM654648DW.610.610D	112TQ0546AA229	330337A	1	11.2500 x 14.9960 x 9.6250
514225	M255449DW.410.410D	113TQ0540AA229	331452	1	11.3750 x 16.0000 x 11.7500
512630	EE330116D.166.167D	115TQ0514AA229	331968	1	11.5000 x 16.6250 x 10.6250
533455	N/A	117TQ0510AA229	N/A	1	11.7500 x 17.2500 x 9.0000

FAG	TIMKEN	TORRINGTON	SKF	DESIGN	DIMENSION
523053A	HM256849DW.810.810D	118TQ0518AA235	331287	1	11.8125 x 16.6250 x 12.2500
504415A	M757448DW.410.410D	120TQ0532BA234	331492	1	11.9940 x 17.2460 x 11.0000
511861	M257149DW.110.110D	120TQ0524AA229	331687	1	12.0000 x 16.5000 x 10.6250
512971	N/A	B-5395-C	330693C	3	12.0000 x 19.0000 x 14.8750
531271	N/A	N/A	N/A	3	12.0000 x 19.0000 x 14.875
511736A	M257248DW.210.210D	120TQ0530BB241	330758A	1	12.0040 x 16.2460 x 10.5000
518078	M757449DW.410.410D	120TQ0532AA234	N/A	1	12.0080 x 17.2460 x 11.0000
521316	LM258649DW.610.610D	125TQ0555A229	330870A	1	12.5000 x 16.6250 x 10.6250
524469	HM259049DW.010.010D	125TQ0556AA229	331161A	2	12.5000 x 17.6250 x 12.8750
523902A	HM259049DW.010.010D	125TQ0556AA229	331161A	3	12.5000 x 17.6250 x 12.8750
531883	M260149DW.110.110D	N/A	N/A	1	13.0000 x 17.5000 x 11.8750
531281	EE161301D.900.901D	130TQ0609AC231	N/A	1	13.0000 x 19.0000 x 8.7500
525465	EE13813DW.172.173D	130TQ0562BA234	331664	2	13.0040 x 17.2450 x 10.0000
536974	N/A	B-5690-C	N/A	1	13.1250 x 18.0000 x 10.0000
511787	HM261049DW.010.010D	131TQ0585AA229	331381	1	13.1250 x 18.5000 x 13.5000
523498	HM261049DW.010.010D	131TQ0585AA229	331381	3	13.1250 x 18.5000 x 13.5000
539439	971355DW.100.103D	135TQ0589AA229	N/A	1	13.5000 x 21.0000 x 11.8750
518353	EE536136DW.225.226D	135TQ0586AA229	N/A	1	13.5000 x 22.5000 x 13.5000
514208B	LM761649DW.610.610D	N/A	330661C	2	13.5060 x 17.9960 x 10.0000
509975B	LM761649DW.610.610D	135TQ0590AA1287	N/A	1	13.5060 x 17.9960 x 10.0000
514352	HM262749DW.710.710D	136TQ0591AA229	331228	1	13.6250 x 19.2500 x 14.1250
529273	HM262749DW.710.710D	N/A	N/A	2	13.6250 x 19.2500 x 14.1250
528846	LM262449.DW.410.410D	N/A	331077A	1	13.6875 x 18.5000 x 10.2500
527852	M262449DW.410.410D	136TQ0593AA234	331092A	1	13.6875 x 18.5000 x 11.5000
523453	N/A	N/A	331508	1	13.9764 x 19.2913 x 12.4409
532968	LM263149DW.110.110D	140TQ0596AA229	N/A	1	14.0000 x 18.0000 x 9.9375
512442A	LM763449DW.410.410D	140TQ0594AB229	N/A	1	14.0000 x 19.0000 x 10.6250
561897	LM763449DW.410.410D	N/A	330662A	2	14.0000 x 19.0000 x 10.6250
523899	M263349DW.310.310D	140TQ0597AA229	331271	2	14.0000 x 19.2500 x 12.50000
548757	HM265049DW.010.010D	145TQ0611A229	N/A	1	14.5000 x 20.6250 x 15.0625
509737A	HM265049DW.010.010D	N/A	33159A	2	14.5000 x 20.6250 x 15.0625
527934	LM765149DW.110.110D	147TQ0615AD262	N/A	1	14.7500 x 19.7500 x 10.2500
506725A	HM266449DW.410.410D	151TQ0647AA229	331149A	1	15.1250 x 21.5000 x 15.7500
527253	HM266449DW.410.410D	151TQ0647AA229	331149A	3	15.1250 x 21.5000 x 15.7500
528726	LM665949DW.910.910D	N/A	331202	2	15.1875 x 20.2500 x 12.5000
527676	EE234157DW.215.216D	155TQ0645BD242	N/A	1	15.5000 x 21.5000 x 11.3750
508328B	EE234161DW.215.216D	160TQ0645BD242	331465	1	16.0000 x 21.5000 x 11.3750
524533B	EE234161DW.215.216D	160TQ0645BD242	331465	2	16.0000 x 21.5000 x 11.3750
531578A	EE234161DW.215.216D	160TQ0645BD242	331465	4	16.0000 x 21.5000 x 11.3750
509118	LM67749DW.710.710D	160TQ0649AA229	330650C	1	16.0000 x 21.5000 x 11.3750
518571	LM67749DW.710.710D	160TQ0649AA229	330650C	2	16.0000 x 21.5000 x 11.3750
529723	M267949DW.910.910D	N/A	N/A	1	16.0000 x 22.2500 x 15.0000
533807	M267949DW.910.910D	N/A	331347	3	16.0000 x 22.2500 x 15.0000
511569	EE833161D.232.233D	160TQ0650AA229	331133A	1	16.0000 x 23.2500 x 15.7500

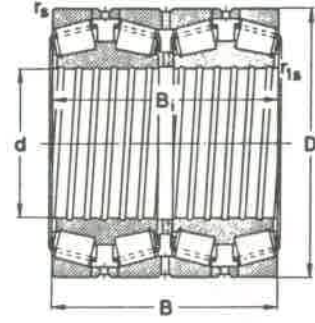
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517944	EE833161D.232.233D	160TQ0650AA229	331133A	3	16.0000 x 23.2500 x 15.7500
511401	M667947DW.910.910D	161TQ0660AA229	331333	1	16.1250 x 21.5000 x 13.1875
525218	M667947DW.910.910D	161TQ0660AA229	331333	3	16.1250 x 21.5000 x 13.1875
509739	M268749DW.710.710D	163TQ0663AA229	331160A	2	16.3750 x 23.2500 x 17.1250
523499	M268749DW.710.710D	163TQ0663AA229	331160A	3	16.3750 x 23.2500 x 17.1250
545455	LM69349DW.310.310D	170TQ0679AA229	331226	1	17.0000 x 22.5000 x 11.0000
513831	LM69349DW.310.310D	170TQ0679AA229	331226	1	17.0000 x 22.5000 x 13.2500
529274	LM69349DW.310.310D	170TQ0679AA229	331226	2	17.0000 x 22.5000 x 13.2500
54404	LM69349DW.310.310D	170TQ0679AA229	331226	3	17.0000 x 22.5000 x 13.2500
513880A	LM69349DW.310.310D	N/A	N/A	3	17.0000 x 22.5000 x 13.2500
530985	EE931170DW.250.251D	170TQ0667AA229	332060	1	17.0000 x 25.0000 x 14.0000
530731	EE931170DW.250.251D	170TQ0667AA229	332060	3	17.0000 x 25.0000 x 14.0000
529077	EE736173DW.238.239D	170TQ0675CB234	N/A	1	17.0080 x 23.9970 x 12.5000
513357	M270749D.710.710D	176TQ0680AA229	330608C	2	17.6250 x 25.0000 x 18.2500
513894	M270749D.710.710D	N/A	N/A	3	17.6250 x 25.0000 x 18.2500
513832A	M270749D.710.710D	N/A	N/A	3	17.6250 x 25.0000 x 18.2500
511755A	L770847DW.810.810D	180TQ0684AA229	331169	1	18.0000 x 23.5000 x 11.0000
506201	M272749DW.710.710D	188TQ0659AB229	330886B	1	18.8750 x 26.7500 x 19.5000
561038	M272749DW.710.710D	188TQ0695A957	N/A	3	18.8750 x 26.7500 x 19.5000
518239A	LM272248DW.210.210D	N/A	332096	2	19.0000 x 24.2500 x 13.0000
509099A	LM272249DW.210.210D	190TQ0698EA1035	330641C	1	19.0000 x 24.2500 x 13.0000
543575	LM272248DW.210.210D	N/A	N/A	4	19.0000 x 24.2500 x 13.0000
512343	EE640193DW.260.261D	192TQ0710AB229	330904	1	19.2500 x 26.0000 x 14.2500
504391A	LM772749DW.710.710D	192TQ0711AA234	N/A	1	19.2530 x 24.9950 x 12.6250
518570A	LM772749DW.710.710D	192TQ0711AA234	331090A	2	19.2530 x 24.9950 x 12.6250
507495A	EE641198DW.265.266D	197TQ0714AA269	331499	1	19.7500 x 26.5000 x 15.2500
512803	EE641198DW.265.266D	197TQ0714AA269	331499	3	19.7500 x 26.5000 x 15.2500
515180	M274149DW.110.110D	197TQ0713AA229	N/A	1	19.7500 x 28.0000 x 20.5000
529275	M274149DW.110.110D	197TQ0713AA229	331081A	2	19.7500 x 28.0000 x 20.5000
530843	M274149DW.110.110D	197TQ0713AA229	331081A	3	19.7500 x 28.0000 x 20.5000
518284	EE531201DW.300.310D	200TQ0716AA229	N/A	1	20.0000 x 30.0000 x 18.2500
509738	LM274449DW.410.410D	N/A	N/A	1	20.2500 x 26.5000 x 16.62500
527872	LM274449DW.410.410D	N/A	331157A	2	20.2500 x 26.5000 x 16.62500
512802	LM274449DW.410.410	N/A	331157A	3	20.2500 x 26.5000 x 16.62500
522203	M275349D.310.310D	204TQ0721AA229	331078A	1	20.4375 x 29.0000 x 21.1250
501359A	LM275349DW.310.310D	N/A	331243	1	20.5000 x 28.0000 x 15.7500
510498	M276449DW.410.410D	211TQ0740AA229	331174	1	21.1250 x 29.9950 x 22.0000
536091	M276449DW.410.410D	211TQ0740AA229	331174	3	21.1250 x 29.9950 x 22.0000
500634A	EE843221DW.290.291D	220TQ0749AA229	331165A	1	22.0000 x 29.0000 x 12.6875
533504	EE843221DW.290.291D	220TQ0749AA229	331165A	3	22.0000 x 29.0000 x 12.6875
512345	LM377449DW.410.410D	220TQ0745AA229	330993B	1	22.0000 x 29.0000 x 16.1250
512344	M278749DW.710.710D	225TQ0756AA229	330529B	1	22.5000 x 32.0000 x 23.3750
522575	M278749DW.710.710D	225TQ0756AA229	331477	3	22.5000 x 32.0000 x 23.3750
508770	N/A	N/A	331189	1	23.0000 x 28.7500 x 13.5000

FAG	TIMKEN	TORRINGTON	SKF	DESIGN	DIMENSION
506222	LM778549DW.510.510D	230TQ0760AA229	331148A	1	23.0000 x 30.0000 x 15.8125
535868	EE665231DW.355.356D	230TQ0758AA229		1	23.0000 x 35.5000 x 21.2499
518674	LM278849DW.810.810D	230TQ0771AA234	331093A	2	23.0625 x 30.3750 x 18.8750
518067	M280049DW.010.010D	234TQ0770AA229	331300	1	23.4375 x 33.2500 x 24.2500
544840	M280049DW.010.010D	234TQ0770AA229	331300	3	23.4375 x 33.2500 x 24.2500
528834	M289249DW.210.210D	N/A	331625	1	23.7500 x 33.7500 x 24.5000
541388	M280249DW.210.210D	N/A	331625	3	23.7500 x 33.7500 x 24.5000
509637	EE649241DW.310.311D	240TQ0776AB229	331175A	1	24.0000 x 31.0000 x 14.2500
525937	LM280249D.210.210D	N/A	331925	2	24.0000 x 32.0300 x 18.8750
529150	LM280249DW.210.210D	N/A	331925	4	24.0000 x 32.0300 x 18.8750
530986	M280349DW.310.310D	N/A	332391	3	24.0000 x 34.0000 x 26.0000
513141	M281049D.010.010D	250TQ0788AA229	330990A	3	25.0000 x 35.5000 x 25.7500
541121	M281049DW.010.010D	254TQ0799AA229	332671	2	25.4375 x 33.7500 x 21.3750
514434	EE424257D.405.406D	255TQ0803AA229		3	25.5000 x 40.5000 x 22.2500
503326A	M281649DW.610.610D	258TQ0801AA229	330824A	3	25.8750 x 36.7500 x 26.6250
529001	EE749259DW.334.335D	N/A		1	25.9843 x 33.6614 x 12.5386
511347	L281149DW.110.110D	N/A	331190	2	26.0000 x 32.0000 x 14.3750
527018	L281149DW.110.110D	N/A	331190	4	26.0000 x 32.0000 x 14.3750
515672	EE428262420.421XD	260TQ0806AA229	331622	3	26.0000 x 42.0000 x 25.5000
521612	LM281849DW.810.810D	267TQ0800AA229	331700	1	26.7500 x 35.5000 x 21.7500
523543	M282249D.210.210D	268TQ0811AA229	331503	3	26.8750 x 38.0000 x 27.6250
512405	EE655271DW.345.346D	270TQ0812AA229	331089	1	27.0000 x 34.5000 x 14.0000
539347	EE655271DW.345.346D	270TQ0812AA229	331089	3	27.0000 x 34.5000 x 14.0000
530297	LM282549DW.510.510D	N/A	332098A	3	27.8750 x 36.6250 x 22.2500
529103	L882449DW.410.410D	N/A	330733A	2	27.9528 x 35.4331 x 16.1417
542899		N/A	331351	4	27.9528 x 35.4331 x 16.1417
506737	EE755281DW.360.361D	280TQ0815AA229	330882C	1	28.0000 x 36.0000 x 12.5000
527030	M383240DW.210.210D	281TQ0814AA229	331358	3	28.1250 x 40.0000 x 27.7500
518154	LM282847DW.810.810D	282TQ0847AA229	332244	1	28.2500 x 37.2500 x 22.2500
535952	LM282847DW.810.810D	282TQ0847AA229	332244	3	28.2500 x 37.2500 x 22.2500
514433A	M283449DW.410.410D	287TQ0813AA229	330803A	4	28.7500 x 40.7500 x 29.7480
526837	LM283649DW.610.610D	295TQ0821AA229	331616	1	29.5000 x 39.0000 x 23.8189
527082	LM283649DW.610.610D	N/A	N/A	3	29.5000 x 39.0000 x 23.8189
513140	EE325296DW.420.421D	295TQ0820AA229	331094A	3	29.5000 x 42.0000 x 28.5000
531554	N/A	T-4305-G	N/A	3	30.0000 x 39.0000 x 24.0000
529825	M2841148DW.111.111D	300TQ0825AA229	N/A	3	30.0000 x 42.0000 x 29.0000
514752	M284249D.210.210D	300TQ0824AA229	330676B	3	30.0000 x 42.5000 x 31.0000
532879	EE631305D.484.483XD	N/A	N/A	3	30.5000 x 48.0315 x 33.0108
526416	EE631367D.484.483XD	N/A	N/A	3	30.7087 x 48.0315 x 33.0108
518554	N/A	N/A	331248	4	32.0000 x 45.0000 x 30.2500
517623	M285848DW.810.810D	325TQ0832AA229	331066A	3	32.5000 x 46.0000 x 33.2500
528337	N/A	N/A	N/A	3	34.0000 x 42.9134 x 26.3750
525789	LM286249DW.210.210D	340TQ0848DB957	331123	3	34.0000 x 44.5000 x 26.3750
561585	LM286449DW.410.410D	N/A	331649	3	34.0000 x 46.50000 x 26.2500

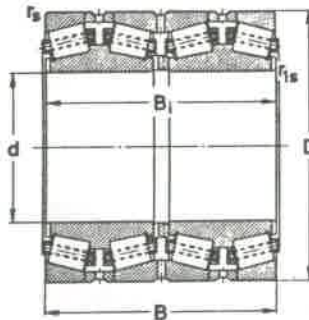
FAG	TIMKEN	TORRINGTON	SKF	DESIGN	DIMENSION
511775	EE547341DW.480.481D	340TQ0837AA229	330742	3	34.0000 x 48.0000 x 35.0000
521592	EE634356D.510.510D	335TQ0860AA229	330903A	3	35.5000 x 51.0000 x 36.0000
511435	LM287649DW.610.610D	N/A	330726A	3	36.9375 x 50.0000 x 32.5000
511781	LM287849D.810.810D	370TQ0862AA229	N/A	3	37.0000 x 52.5000 x 37.5000
535919	LM288249D.210.210D	N/A	N/A	3	39.6250 x 51.0000 x 30.0787
523207	LM288949D.910.910D	472TQ0882AA229	331440	3	47.2500 x 62.7500 x 39.0000



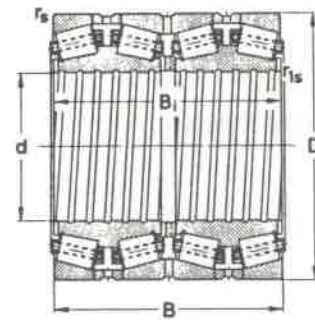
Design 1



Design 2



Design 3



Design 4

INTEGRATED STEEL MILLS

ROTATION PRODUCTS CORPORATION provides two Classes of Integrated Steel Mill bearing repair and remanufacturing, including chocks:

CLASS "B": disassemble; polish all parts; hand grind out spalls; magnetic particle inspection of rings as required; regrind spacers to assure correct endplay; visual and dimensional inspection; remark load zone; preserve; wrap in VCI paper with protective packing; box; and, ship. (NOTE: *Guaranteed the same as a new bearing.*)

CLASS "A": remanufacture bearing by regrinding or replacing components; proper geometry is recalculated. Disassemble; grind or replace components; polish all parts; magnetic particle inspection of components as required; regrind spacers to assure correct endplay; visual and dimensional inspection, including Bearing Service Card; preserve; wrap in VCI paper with protective packing; box; and, ship. (NOTE: *Guaranteed the same as a new bearing.*)