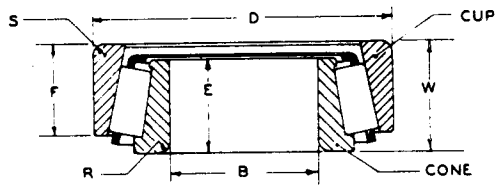
BEARING, ROLLER, TAPER, TYPE TS

SINGLE ROW



BORE - B -	OUTSIDE DIAM. - D -	WIDTHS Assy. - W -	WIDTHS Cone - E -	WIDTHS Cup - F -	CORNER RADIUS Cone - R -	CORNER RADIUS Cup - S -	ASSY. RUN OUT	AFBMA NUMBER* Cone - Cup	ORDNANCE PART NUMBER Assy.	ORDNANCE PART NUMBER Cone	ORDNANCE PART NUMBER Cup
3.3125	5.3750	1.1875	1.1720	.8750	9/64	1/8	.002	498-493	712629	705111	706660
3.3475	5.5090	1.7500	1.8375	1.4375	9/64	1/8	.002	749-742	703085	705187	706704
3.3750	6.0000	1.5625	1.4300	1.1875	9/64	1/8	.002	596-592A	703077	705155	706691
3.3750	6.0000	1.6250	1.6250	1.2500	9/64	1/8	.002	665-652	712630	705177	706698
3.5000	6.0000	1.5625	1.4300	1.1875	9/64	1/8	.002	593-592A	712631	705819	706691
3.5000	6.3750	2.1250	2.1693	1.6875	9/64	1/8	.002	6580-6535	713555	713556	706795
3.5000	6.3750	1.8750	1.9000	1.5000	9/64	1/8	.002	759-752	703086	705194	706707
3.5000	7.5000	2.2500	2.2650	1.7500	5/16	1/8	.002	855-854	712632	705221	706720
3.5430	6.3030	1.1860	1.1875	.8780	3/32	1/8	.002	69354-69630	712633	705559	706941
3.6250	6.0000	1.5625	1.4300	1.1875	9/64	1/8	.002	598-592A	712634	705156	706691
3.6250	6.7500	1.8750	1.9000	1.5000	9/64	1/8	.002	77362-77675	712635	705580	706951
3.6875	5.8437	1.1250	1.1406	.8438	.120	.120	.002	42368-42584	703210	705494	706891
3.7500	5.8437	1.1250	1.1406	.8438	.120	.120	.002	42375-42584	703154	705495	706891
3.7500	6.0000	1.5625	1.4300	1.1875	9/64	1/8	.002	594-592A	703076	705154	706691
3.7500	6.6250	1.6250	1.6250	1.1875	9/64	1/8	.002	683-672	703081	705178	706702
3.7500	6.7500	1.8750	1.9000	1.5000	9/64	1/8	.002	77375-77675	712636	705581	706951
3.8750	6.6250	1.6250	1.6250	1.1875	9/64	1/8	.002	685-672	712637	705179	706702
3.8750	7.1250	1.8750	1.8900	1.5000	9/64	1/8	.002	779-772	712638	705203	706710
4.0000	6.1875	1.4375	1.4219	1.0313	9/64	1/8	.002	52400-52618	712639	705525	706907
4.0000	6.6250	1.6250	1.6250	1.1875	9/64	1/8	.002	687-672	712640	705180	706702
4.0000	7.1250	1.8750	1.8900	1.5000	9/64	1/8	.002	780-772	703222	705204	706710
4.0000	7.5000	2.2500	2.2650	1.7500	5/16	1/8	.002	861-854	712641	705222	706720
4.1250	7.1250	1.8750	1.8900	1.5000	9/64	1/8	.002	782-772	712642	705208	706710
4.2500	6.2500	.9063	.8440	.6250	9/64	1/8	.002	37425-37625	712643	705488	706885
4.5000	7.0000	1.6250	1.6250	1.1875	9/64	1/8	.002	64450-64700	712644	705541	706924
4.5000	7.5000	1.8750	1.9375	1.3750	9/64	1/8	.002	71450-71750	712645	705563	706942
4.5000	8.3750	2.6250	2.6250	2.1250	9/32	1/8	.002	938-932	712646	705231	706725
4.6250	7.1250	1.3750	1.2500	1.0000	9/64	1/8	.002	68462-68712	712647	705558	706940
4.7500	8.1250	1.8750	1.8750	1.3750	1/8	1/8	.002	795-792	712648	705209	706714
5.0000	8.0000	1.8125	1.8125	1.5000	9/64	1/8	.002	67388-67320	712649	705552	706932
5.0000	8.5000	1.8750	1.8750	1.3750	9/64	1/8	.002	74500-74850	712650	705572	706948
5.0000	9.2500	2.5000	2.5000	1.9375	1/4	1/8	.002	95500-95925	712651	705631	706976
5.0000	9.7500	2.5000	2.5000	1.8750	1/8	3/16	.002	EE116050-116097	712652	705662	706993
5.0000	10.0000	3.0625	3.2500	2.2500	3/8	1/4	.002	EE153050-153100	712653	705684	707005
5.0000	11.6250	3.2500	3.4375	2.2500	17/32	1/4	.002	EE540502-541162	712654	705744	707043
5.0000	11.6250	3.3750	3.5000	2.5000	1/4	1/4	.002	EE455051-455116	712655	705728	707033
5.0000	12.0000	3.1250	3.1250	2.1875	1/4	1/8	.002	EE580500-581200	712656	705755	707049
5.0000	12.0000	2.3750	2.4375	1.6250	1/4	1/4	.002	EE750502-751200	712657	705766	707056
5.0625	7.5000	1.3750	1.2500	1.0000	9/64	1/8	.002	48506-48750	712658	705513	706903
5.0625	8.1250	1.8750	1.8750	1.3750	1/8	1/8	.002	799-792	703089	705212	706714
5.1181	8.1250	1.8750	1.8750	1.3750	9/64	1/8	.002	797-792	712659	705210	706714
5.2500	8.0000	1.8125	1.8125	1.5000	9/64	1/8	.002	67390-67320	712660	705553	706932
5.2500	8.5000	1.8750	1.8750	1.3750	9/64	1/8	.002	74525-74850	712661	705575	706948

DIMENSIONS IN INCHES.

MATERIAL: HIGH GRADE ALLOY STEEL.

TOLERANCES: BORE UP TO 2-1/2" +.0005 -.0000; 2-1/2" TO 12" +.0010 -.0000; OUTSIDE DIAMETER UP TO 12" +.0010 -.0000; 12" TO 24" +.0020 -.0000; WIDTH +.014 -.010; RADII +.0156 -.0000.

SEE "CROSS REFERENCE SHEETS" IN SNL H12, ORD. 5 FOR MANUFACTURERS' PART NUMBERS.

* AFBMA: ANTI-FRICTION BEARING MANUFACTURERS' ASSOCIATION.

NOTE 1: DIMENSIONS, TOLERANCES AND OTHER MANUFACTURING AND INSPECTION REQUIREMENTS ARE TO BE IN ACCORDANCE WITH GRADE IV OF FEDERAL SPECIFICATION FF-B-186 AND AMENDMENTS OF LATEST DATE.

NOTE 2: BEARINGS INCLUDED HEREIN ARE IN ACCORDANCE WITH AFBMA STANDARDS TABLE.

NOTE 3: COMPONENT PARTS MADE BY DIFFERENT MANUFACTURERS ARE NOT TO BE INTERCHANGED TO MAKE A COMPLETE BEARING ASSEMBLY.

NOTES:—For design purposes, use Ordnance Engineering Design Standards, CASX series. The items contained on this page are for identification, storage, issue and procurement purposes, and shall not be used for design purposes except when Ordnance Engineering Design Standards are not applicable.

Before using any item on this page for any purpose, consult Ordnance Engineering Design Standards Cross Reference publication for recommended supersessions.

For procurement of items on this sheet, G.M. (General Motors) materials and finishes shall be converted to Ordnance materials and finishes. See drawing number MB1.103A.