

**WELKER STANDARD CAST BRONZE BEARINGS SAE 660**

Part #	Dimensions		
	ID	OD	Length
0305-04	3/16	5/16	1/2
0305-08			1
0406-02	1/4	3/8	1/4
0406-06			3/4
0406-08			1
0406-10			1 1/4
0407-08	1/4	7/16	1
0407-10			1 1/4
0507-06	5/16	7/16	3/4
0507-08			1
0507-10			1 1/4
0508-06	5/16	1/2	3/4
0508-08			1
0508-10			1 1/4
0608-04	3/8	1/2	1/2
0608-06			3/4
0608-08			1
0608-10			1 1/4
0608-12			1 1/2
0609-06	3/8	9/16	3/4
0609-08			1
0610-06	3/8	5/8	3/4
0610-08			1
0610-10			1 1/4
0610-12			1 1/2
0709-08	7/16	9/16	1
0709-10			1 1/4
0709-12			1 1/2
0710-08	7/16	5/8	1
0710-12			1 1/2
0710-16			2
0711-12	7/16	11/16	1 1/2
0712-10	7/16	3/4	1 1/4
0712-12			1 1/2
0810-05	1/2	5/8	5/8
0810-06			3/4
0810-07			7/8
0810-08			1
0810-10			1 1/4
0810-12			1 1/2
0810-14			1 3/4
0810-16			2
0810-18			2 1/4
0811-06	1/2	11/16	3/4
0811-08			1
0811-10			1 1/4
0811-12			1 1/2
0811-14			1 3/4
0811-16			2

Part #	Dimensions		
	ID	OD	Length
0812-06	1/2	3/4	3/4
0812-08			1
0812-10			1 1/4
0812-12			1 1/2
0812-14			1 3/4
0812-16			2
0812-20			2 1/2
0812-22			2 3/4
0813-18	1/2	13/16	2 1/4
0814-08	1/2	7/8	1
0814-10			1 1/4
0814-12			1 1/2
0814-14			1 3/4
0814-16			2
0816-08	1-2	1	1
0816-12			1 1/2
0816-16			2
0816-18			2 1/4
0911-08	9/16	11/16	1
0911-10			1 1/4
0911-12			1 1/2
0911-16			2
0911-18			2 1/4
0912-08	9/16	3/4	1
0912-12			1 1/2
0912-16			2
0912-20			2 1/2
0913-08	9/16	13/16	1
0913-16			2
0914-12	9/16	7/8	1 1/2
1012-04	5/8	3/4	1/2
1012-06			3/4
1012-08			1
1012-09			1 1/8
1012-10			1 1/4
1012-12			1 1/2
1012-14			1 3/4
1012-16			2
1012-18			2 1/4
1012-20			2 1/2
1013-08	5/8	13/16	1
1013-10			1 1/4
1013-12			1 1/2
1013-16			2
1013-18			2 1/4
1014-06	5/8	7/8	3/4
1014-08			1
1014-09			1 1/8
1014-10			1 1/4
1014-12			1 1/2
1014-14			1 3/4
1014-16			2
1014-18			2 1/4
1014-20			2 1/2
1014-24			3

Part #	Dimensions		
	ID	OD	Length
1015-08	5/8	15/16	1
1015-12			1 1/2
1015-20			2 1/2
1016-08	5/8	1	1
1016-12			1 1/2
1016-16			2
1016-18			2 1/4
1016-20			2 1/2
1016-24			3
1018-12	5/8	1 1/8	1 1/2
1018-16			2
1018-18			2 1/4
1113-08	11/16	13/16	1
1113-12			1 1/2
1113-14			1 3/4
1116-16			2
1114-08	11/16	7/8	1
1114-12			1 1/2
1114-16			2
1114-20			2 1/2
1115-08	11/16	15/16	1
1115-10			1 1/4
1115-12			1 1/2
1116-10	11/16	1	1 1/4
1116-20			2 1/2
1214-06	3/4	7/8	3/4
1214-08			1
1214-10			1 1/4
1214-12			1 1/2
1214-14			1 3/4
1214-16			2
1214-18			2 1/4
1214-20			2 1/2
1215-08	3/4	15/16	1
1215-10			1 1/4
1215-12			1 1/2
1215-14			1 3/4
1215-16			2
1215-18			2 1/4
1215-20			2 1/2
1216-06	3/4	1	3/4
1216-08			1
1216-09			1 1/8
1216-10			1 1/4
1216-11			1 3/8
1216-12			1 1/2
1216-14			1 3/4
1216-16			2
1216-17			2 1/8
1216-18			2 1/4
1216-20			2 1/2
1216-22			2 3/4
1216-24			3
1216-28			3 1/2

## WELKER STANDARD BRONZE BEARINGS

Part #	Dimensions		
	ID	OD	Length
1217-08	3/4	1 1/16	1
1217-12			1 1/2
1217-16			2
1218-08	3/4	1 1/8	1
1218-12			1 1/2
1218-16			2
1218-20			2 1/2
1218-24			3
1219-16	3/4	1 3/16	2
1220-14	3/4	1 1/4	1 3/4
1220-16			2
1220-20			2 1/2
1220-24			3
1315-08	13/16	15/16	1
1315-12			1 1/2
1316-12	13/16	1	1 1/2
1316-16			2
1316-20			2 1/2
1317-12	13/16	1 1/16	1 1/2
1317-16			2
1318-12	13/16	1 1/8	1 1/2
1318-16			2
1416-08	7/8	1	1
1416-10			1 1/4
1416-12			1 1/2
1416-16			2
1417-08	7/8	1 1/16	1
1417-10			1 1/4
1417-12			1 1/2
1417-16			2
1417-20			2 1/2
1417-24			3
1418-06	7/8	1 1/8	3/4
1418-08			1
1418-10			1 1/4
1418-11			1 3/8
1418-12			1 1/2
1418-14			1 3/4
1418-16			2
1418-18			2 1/4
1418-20			2 1/2
1418-24			3
1418-28			3 1/2
1419-08	7/8	1 3/16	1
1419-12			1 1/2
1420-12	7/8	1 1/4	1 1/2
1420-14			1 3/4
1420-20			2 1/2
1420-24			3

Part #	Dimensions		
	ID	OD	Length
1422-12	7/8	1 3/8	1 1/2
1422-16			2
1422-24			3
1518-12	15/16	1 1/8	1 1/2
1518-16			2
1519-10	15/16	1 3/16	1 1/4
1519-16			2
1519-24			3
1520-12	15/16	1 1/4	1 1/2
1520-16			2
1520-20			2 1/2
1618-08	1	1 1/8	1
1618-11			1 3/8
1618-12			1 1/2
1618-14			1 3/4
1618-16			2
1618-20			2 1/2
1619-08	1	1 3/16	1
1619-10			1 1/4
1619-12			1 1/2
1619-16			2
1619-20			2 1/2
1620-06	1	1 1/4	3/4
1620-08			1
1620-09			1 1/8
1620-10			1 1/4
1620-11			1 3/8
1620-12			1 1/2
1620-13			1 5/8
1620-14			1 3/4
1620-16			2
1620-18			2 1/4
1620-20			2 1/2
1620-22			2 3/4
1620-24			3
1620-28			3 1/2
1620-32			4
1620-36			4 1/2
1621-12	1	1 5/16	1 1/2
1621-16			2
1621-20			2 1/2
1621-24			3
1622-08	1	1 3/8	1
1622-10			1 1/4
1622-12			1 1/2
1622-14			1 3/4
1622-16			2
1622-20			2 1/2
1622-24			3
1622-28			3 1/2
1622-32			4

Part #	Dimensions		
	ID	OD	Length
1624-12	1	1 1/2	1 1/2
1624-14			1 3/4
1624-16			2
1624-20			2 1/2
1624-24			3
1624-32			4
1626-16	1	1 5/8	2
1626-20			2 1/2
1626-24			3
1628-52	1	1 3/4	6 1/2
1632-24	1	2	3
1721-12	1 1/16	1 5/16	1 1/2
1721-16			2
1721-20			2 1/2
1820-12	1 1/8	1 1/4	1 1/2
1820-14			1 3/4
1820-16			2
1822-08	1 1/8	1 3/8	1
1822-10			1 1/4
1822-12			1 1/2
1822-14			1 3/4
1822-16			2
1822-18			2 1/4
1822-20			2 1/2
1822-24			3
1822-28			3 1/2
1822-32			4
1823-12	1 1/8	1 7/16	1 1/2
1823-20			2 1/2
1823-24			3
1824-12	1 1/8	1 1/2	1 1/2
1824-16			2
1824-20			2 1/2
1824-24			3
1824-28			3 1/2
1824-32			4
1826-14	1 1/8	1 5/8	1 3/4
1826-16			2
1826-20			2 1/2
1826-24			3
1826-32			4
1830-52	1 1/8	1 7/8	6 1/2
1832-24	1 1/8	2	3
1922-14	1 3/16	1 3/8	1 3/4
1922-16			2
1923-10	1 3/16	1 7/16	1 1/4
1923-12			1 1/2
1923-16			2
1923-20			2 1/2
1923-24			3
1923-28			3 1/2

## WELKER STANDARD BRONZE BEARINGS

Part #	Dimensions		
	ID	OD	Length
1924-16	1 3/16	1 1/2	2
1924-24			3
1924-32			4
1926-16	1 3/16	1 5/8	2
1926-20			2 1/2
1926-24			3
1927-16	1 3/16	1 11/16	2
1927-24			3
2023-20	1 1/4	1 7/16	2 1/2
2023-24			3
2024-08	1 1/4	1 1/2	1
2024-09			1 1/8
2024-10			1 1/4
2024-11			1 3/8
2024-12			1 1/2
2024-13			1 5/8
2024-14			1 3/4
2024-16			2
2024-18			2 1/4
2024-20			2 1/2
2024-22			2 3/4
2024-24			3
2024-26			3 1/4
2024-28			3 1/2
2024-32			4
2024-36			4 1/2
2024-40			5
2024-44			5 1/2
2025-16	1 1/4	1 9/16	2
2025-20			2 1/2
2025-24			3
2026-14	1 1/4	1 5/8	1 3/4
2026-16			2
2026-20			2 1/2
2026-24			3
2026-26			3 1/4
2026-28			3 1/2
2026-32			4
2026-36			4 1/2
2028-14	1 1/4	1 3/4	1 3/4
2028-16			2
2028-20			2 1/2
2028-24			3
2028-28			3 1/2
2028-30			3 3/4
2028-32			4
2028-40			5
2030-16	1 1/4	1 7/8	2
2030-20			2 1/2
2030-32			4
2032-24	1 1/4	2	3
2032-32			4
2032-52			6 1/2
2124-24	1 5/16	1 1/2	3

Part #	Dimensions		
	ID	OD	Length
2126-16	1 5/16	1 5/8	2
2126-20			2 1/2
2126-24			3
2129-24	1 5/16	1 13/16	3
2130-28	1 5/16	1 7/8	3 1/2
2224-14	1 3/8	1 1/2	1 3/4
2224-16			2
2224-20			2 1/2
2226-10	1 3/8	1 5/8	1 1/4
2226-12			1 1/2
2226-16			2
2226-24			3
2226-28			3 1/2
2226-32			4
2226-36			4 1/2
2227-28	1 3/8	1 11/16	3 1/2
2228-16	1 3/8	1 3/4	2
2228-18			2 1/4
2228-20			2 1/2
2228-24			3
2228-28			3 1/2
2228-32			4
2230-24	1 3/8	1 7/8	3
2230-32			4
2230-36			4 1/2
2232-24	1 3/8	2	3
2232-32			4
2234-52	1 3/8	2 1/8	6 1/2
2326-14	1 7/16	1 5/8	1 3/4
2326-24			3
2327-20	1 7/16	1 11/16	2 1/2
2327-24			3
2327-28			3 1/2
2327-32			4
2327-34			4 1/4
2328-18	1 7/16	1 3/4	2 1/4
2328-24			3
2328-32			4
2329-24	1 7/16	1 13/16	3
2329-34			4 1/4
2329-40			5
2330-24	1 7/16	1 7/8	3
2330-32			4
2330-40			5
2331-16	1 7/16	1 15/16	2
2331-24			3
2331-32			4
2332-32	1 7/16	2	4

Part #	Dimensions		
	ID	OD	Length
2426-16	1 1/2	1 5/8	2
2428-08	1 1/2	1 3/4	1
2428-10			1 1/4
2428-12			1 1/2
2428-14			1 3/4
2428-16			2
2428-18			2 1/4
2428-20			2 1/2
2428-24			3
2428-28			3 1/2
2428-32			4
2428-36			4 1/2
2428-40			5
2428-44			5 1/2
2429-24	1 1/2	1 13/16	3
2430-12	1 1/2	1 7/8	1 1/2
2430-16			2
2430-20			2 1/2
2430-22			2 3/4
2430-24			3
2430-28			3 1/2
2430-32			4
2430-40			5
2432-16	1 1/2	2	2
2432-20			2 1/2
2432-24			3
2432-28			3 1/2
2432-32			4
2432-36			4 1/2
2432-40			5
2434-24	1 1/2	2 1/8	3
2434-32			4
2436-24	1 1/2	2 1/4	3
2436-32			4
2436-40			5
2436-52			6 1/2
2529-24	1 9/16	1 13/16	3
2630-18	1 5/8	1 7/8	2 1/4
2630-24			3
2630-30			3 3/4
2632-14	1 5/8	2	1 3/4
2632-20			2 1/2
2632-24			3
2632-28			3 1/2
2632-32			4
2632-40			5
2632-44			5 1/2
2634-24	1 5/8	2 1/8	3
2634-32			4
2731-24	1 11/16	1 15/16	3

## WELKER STANDARD BRONZE BEARINGS

Part #	Dimensions		
	WCB-	ID	OD
2732-28	1 11/16	2	3 1/2
2732-36			4 1/2
2733-24	1 11/16	2 1/16	3
2733-32			4
2735-16	1 11/16	2 3/16	2
2735-24			3
2735-32			4
2736-24	1 11/16	2 1/4	3
2832-12	1 3/4	2	1 1/2
2832-16			2
2832-18			2 1/4
2832-20			2 1/2
2832-24			3
2832-32			4
2832-36			4 1/2
2832-42			5 1/4
2834-20	1 3/4	2 1/8	2 1/2
2834-22			2 3/4
2834-26			3 1/4
2834-28			3 1/2
2834-32			4
2834-34			4 1/4
2834-40			5
2836-14	1 3/4	2 1/4	1 3/4
2836-16			2
2836-20			2 1/2
2836-24			3
2836-28			3 1/2
2836-32			4
2836-40			5
2838-28	1 3/4	2 3/8	3 1/2
2838-36			4 1/2
2840-52	1 3/4	2 1/2	6 1/2
3034-20	1 7/8	2 1/8	2 1/2
3034-24			3
3034-32			4
3036-24	1 7/8	2 1/4	3
3036-32			4
3036-40			5
3038-24	1 7/8	2 3/8	3
3038-32			4
3135-16	1 15/16	2 3/16	2
3135-24			3
3135-32			4
3136-24	1 15/16	2 1/4	3
3136-36			4 1/2
3137-28	1 15/16	2 5/16	3 1/2
3137-32			4
3137-40			5
3137-44			5 1/2

Part #	Dimensions		
	WCB-	ID	OD
3138-24	1 15/16	2 3/8	3
3138-32			4
3139-24	1 15/16	2 7/16	3
3139-32			4
3139-40			5
3140-24	1 15/16	2 1/2	3
3140-40			5
3236-16	2	2 1/4	2
3236-20			2 1/2
3236-24			3
3236-28			3 1/2
3236-32			4
3236-36			4 1/2
3236-40			5
3238-20	2	2 3/8	2 1/2
3238-24			3
3238-28			3 1/2
3238-32			4
3238-36			4 1/2
3240-16	2	2 1/2	2
3240-20			2 1/2
3240-24			3
3240-28			3 1/2
3240-32			4
3240-36			4 1/2
3240-40			5
3240-48			6
3242-32	2	2 5/8	4
3244-52	2	2 3/4	6 1/2
3440-24	2 1/8	2 1/2	3
3440-32			4
3442-32	2 1/8	2 5/8	4
3442-40			5
3442-48			6
3542-32	2 3/16	2 5/8	4
3542-40			5
3543-28	2 3/16	2 11/16	3 1/2
3543-32			4
3543-40			5
3544-36	2 3/16	2 3/4	4 1/2
3544-48			6
3640-24	2 1/4	2 1/2	3
3640-28			3 1/2
3640-32			4
3642-24	2 1/4	2 5/8	3
3642-32			4
3642-40			5

Part #	Dimensions		
	WCB-	ID	OD
3644-24	2 1/4	2 3/4	3
3644-28			3 1/2
3644-32			4
3644-40			5
3644-48			6
3648-28	2 1/4	3	3 1/2
3648-40			5
3844-32	2 3/8	2 3/4	4
3844-40			5
3844-48			6
3846-32	2 3/8	2 7/8	4
3944-32	2 7/16	2 3/4	4
3944-40			5
3946-24	2 7/16	2 7/8	3
3946-40			5
3947-32	2 7/16	2 15/16	4
3947-40			5
3947-50			6 1/4
3948-30	2 7/16	3	3 1/4
3948-40			5
3948-50			6 1/4
4044-24	2 1/2	2 3/4	3
4044-32			4
4044-40			5
4046-26	2 1/2	2 7/8	3 1/4
4046-36			4 1/2
4048-24	2 1/2	3	3
4048-32			4
4048-40			5
4048-48			6
4048-56			7
4050-28	2 1/2	3 1/8	3 1/2
4050-32			4
4052-32	2 1/2	3 1/4	4
4052-40			5
4052-48			6
4052-58			7 1/4
4056-52	2 1/2	3 1/2	6 1/2
4248-24	2 5/8	3	3
4248-40			5
4250-58	2 5/8	3 1/8	7 1/4
4252-56	2 5/8	3 1/4	7
4254-52	2 5/8	3 3/8	6 1/2
4351-32	2 11/16	3 3/16	4
4351-50			6 1/4

## WELKER STANDARD BRONZE BEARINGS

Part #	Dimensions		
	ID	OD	Length
4450-32	2 3/4	3 1/8	4
4450-48			6
4452-32	2 3/4	3 1/4	4
4452-40			5
4452-48			6
4452-56			7
4454-32	2 3/4	3 3/8	4
4456-52	2 3/4	3 1/2	6 1/2
4654-32	2 7/8	3 3/8	4
4564-64			8
4656-36	2 7/8	3 1/2	4 1/2
4755-28	2 15/16	3 7/16	3 1/2
4755-40			5
4755-52			6 1/2
4854-36	3	3 3/8	4 1/2
4854-64			8
4856-24	3	3 1/2	3
4856-32			4
4856-36			4 1/2
4856-44			5 1/2
4856-48			6
4856-72			9

Part #	Dimensions		
	ID	OD	Length
4858-40	3	3 5/8	5
4860-50	3	3 3/4	6 1/4
4864-52	3	4	6 1/2
5256-32	3 1/4	3 1/2	4
5260-40	3 1/4	3 3/4	5
5563-36	3 7/16	3 15/16	4 1/2
5563-52			6 1/2
5664-32	3 1/2	4	4
5664-44			5 1/2
5664-48			6
5664-56			7
5666-48	3 1/2	4 1/8	6
5668-36	3 1/2	4 1/4	4 1/2
5668-56			7
5668-78			9 3/4
6068-40	3 3/4	4 1/4	5
6068-56			7
6072-52	3 3/4	4 1/2	6 1/2

Part #	Dimensions		
	ID	OD	Length
6472-32	4	4 1/2	4
6472-48			6
6472-56			7
6476-40	4	4 3/4	5
6476-48			6
6480-40	4	5	5
6480-48			6
6876-40	4 1/4	4 3/4	5
6876-48			6
6876-56			7
6880-40	4 1/4	5	5
6880-48			6
6880-56			7
7280-48	4 1/2	5	6
7280-56			7
7280-64			8
7288-48	4 1/2	5 1/2	6
8088-48	5	5 1/2	6
8096-56	5	6	7
8096-64			8

## METRIC BEARINGS & WASHERS



1401 Piedmont Troy, MI 48083

Ph: (248) 528-2020

Fax: (248) 528-0920

CDA 932 SAE 660		
CAST BRONZE METRIC BEARINGS		
I.D.	O.D.	LENGTH
CBMM 10	15	10, 16, 20, 25
CBMM 12	17	12, 16, 20, 25
CBMM 15	20	16, 20, 25, 32
CBMM 16	22	16, 20, 25, 32
CBMM 20	25	16, 20, 25, 32
CBMM 25	30	20, 25, 32, 40
CBMM 30	38	24, 30, 38
CBMM 32	40	20, 25, 32, 40, 50
CBMM 35	45	25, 35, 40, 50
CBMM 40	50	25, 32, 40, 50
CBMM 50	60	32, 40, 50, 63
CBMM 60	70	50, 60, 90, 120
CBMM 70	80	90, 120
CBMM 80	100	120
CBMM 100	120	120

Part Number System: CBMM I.D. x O.D. x Length  
Example: CBMM 12x17x20

Tolerance:  
I.D. = +/- .025 MM  
O.D.= +/- .050MM to .100MM  
Length= +/- .127MM

CDA 932 SAE 660		
CAST BRONZE METRIC WASHERS		
I.D. x O.D.	THICK	Part Number
10 x 35	2.5MM	WBMM-1035
12 X 35	2.5MM	WBMM-1235
15 X 40	2.5MM	WBMM-1540
16 X 40	2.5MM	WBMM-1640
20 X 45	2.5MM	WBMM-2045
25 X 50	2.5MM	WBMM-2550
30 X 60	2.5MM	WBMM-3060
32 X 60	2.5MM	WBMM-3260
35 X 60	2.5MM	WBMM-3560
40 X 65	2.5MM	WBMM-4065
50 X 75	2.5MM	WBMM-5075

Tolerance:  
I.D.= +.13MM to .26MM/-0  
O.D.= +/- .13MM  
Thk.= +/- .13MM