



BUNTING®

Product Catalog

Certified to ISO 9001:2000

CAST BRONZE
BEARINGS

CONTINUOUS AND
CENTRIFUGAL CAST
BRONZE BARS

ALUMINUM BRONZE
BAR AND WEARPLATE

POWDERED METAL
PRODUCTS

LUBE-ALIGN
MOUNTED BEARINGS

ENGINEERED
PLASTIC BEARINGS

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Registered Trademarks

Bunting®, Lube-Align®, BB-16® of Bunting Bearings Corp.,
VESPEL® and Delrin® of DuPont Co.

Bunting C93200

Cast Bronze Sleeve (Plane) Bearings

Bunting cast bronze bearings are machined from continuous cast C93200 (SAE 660) bronze for superior quality and performance. The continuous casting process assures a uniform bronze structure throughout the bearing, free from porosity and hard particle inclusions commonly found in other cast processes.

Our standard bearing line features over 900 sizes, carried in stock at Bunting Bearings and Authorized Distributors. These standards provide off-the-shelf economy for most applications, and may be easily resized, oil grooved, or graphited to meet special requirements.

In addition to standard sleeve (plane) bearings, see your local Bunting Bearings Authorized Distributor for:

- Machined to print bearings
- Precision finished bearings
- Grease or oil grooved bearings
- Graphite-filled grooved bearings
- Graphite-filled plug type bearings
- Special alloy bearings

Tolerances

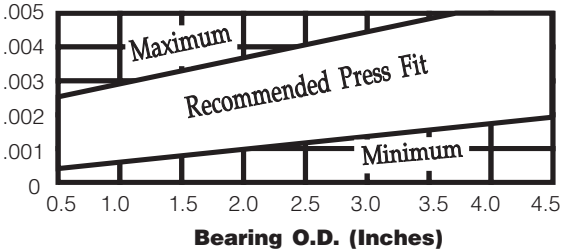
I.D. 3" or less	$\pm .0010"$
Over 3"	$\pm .0015"$
O.D. 3" or less	$+ .002"$ to $.003"$
Over 3"	$+ .003"$ to $.005"$
Length	$\pm .005"$
Concentricity	$.003"$ T.I.R.



C93200 Cast Bronze Bearing Engineering Data

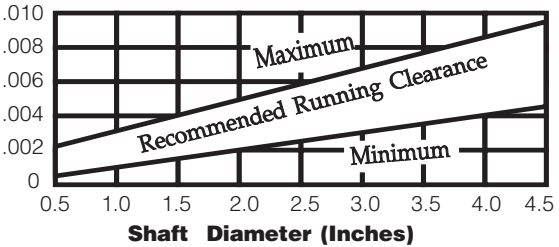
Press Fit

Less than normal press fit proves satisfactory: (1) if the bearing is long and the wall is not exceptionally thin and (2) if the bearing is also carrying a moderate load exerted only in one direction.



Clearance

Greater than normal clearance must be allowed: (1) if exceptionally high speed is involved or (2) if higher than normal loading is encountered.



Typical Properties

Note: Not to be used for specification purposes.

Chemical Composition

Copper	81.0 - 85.0%
Tin	6.3 - 7.5%
Lead	6.0 - 8.0%
Zinc	2.0 - 4.0%

Minimum Physical Properties

Tensile Strength, PSI	35,000
Yield Strength, PSI	20,000
Elongation in 2"	10%
Brinell @ 500 KG Load	65

Maximum Operating Temperature for C93200 (SAE 660) = 450°F+

Comparable Alloy Specifications: C93200; SAE 660

Common Manufacturing Specifications:

ASTM B505; QQ-C-390B, Type III



Cast Bronze Sleeve (Plane) Bearings

PART NUMBER	I.D.	O.D.	LENGTH
CB030504 CB030506 CB030508	3/16	5/16	1/2 3/4 1
CB040602 CB040603 CB040604 CB040606 CB040608 CB040610	1/4	3/8	1/4 3/8 1/2 3/4 1 1- 1/4
CB040706 CB040708 CB040710	1/4	7/16	3/4 1 1- 1/4
CB050703 CB050704 CB050706 CB050708 CB050710	5/16	7/16	3/8 1/2 3/4 1 1- 1/4
CB050806 CB050808 CB050810	5/16	1/2	3/4 1 1- 1/4
CB060803 CB060804 CB060806 CB060808 CB060810 CB060812	3/8	1/2	3/8 1/2 3/4 1 1- 1/4 1- 1/2
CB060906 CB060908 CB060910	3/8	9/16	3/4 1 1- 1/4
CB061006 CB061008 CB061010 CB061012	3/8	5/8	3/4 1 1- 1/4 1- 1/2
CB070908 CB070910 CB070912 CB070914 CB070916	7/16	9/16	1 1- 1/4 1- 1/2 1- 3/4 2
CB071008 CB071010 CB071012 CB071016	7/16	5/8	1 1- 1/4 1- 1/2 2

PART NUMBER	I.D.	O.D.	LENGTH
CB071112	7/16	11/16	1- 1/2
CB071208 CB071210 CB071212	7/16	3/4	1 1- 1/4 1- 1/2
CB071312	7/16	13/16	1-1/2
CB081005 CB081006 CB081007 CB081008 CB081010 CB081011 CB081012 CB081014 CB081016 CB081018	1/2	5/8	5/8 3/4 7/8 1 1- 1/4 1- 3/8 1- 1/2 1- 3/4 2 2- 1/4
CB081106 CB081108 CB081110 CB081112 CB081114 CB081116 CB081118 CB081120	1/2	11/16	3/4 1 1- 1/4 1- 1/2 1- 3/4 2 2- 1/4 2- 1/2
CB081206 CB081208 CB081210 CB081212 CB081214 CB081216 CB081218 CB081220 CB081222	1/2	3/4	3/4 1 1- 1/4 1- 1/2 1- 3/4 2 2- 1/4 2- 1/2 2- 3/4
CB081308 CB081312 CB081318	1/2	13/16	1 1- 1/2 2- 1/4
CB081408 CB081410 CB081412 CB081414 CB081416	1/2	7/8	1 1- 1/4 1- 1/2 1- 3/4 2
CB081608 CB081612 CB081616 CB081618	1/2	1	1 1- 1/2 2 2- 1/4

Cast Bronze Sleeve (Plane) Bearings



PART NUMBER	I.D.	O.D.	LENGTH		
CB091108	9/16	11/16	1		
CB091110			1- 1/4		
CB091112			1- 1/2		
CB091114			1- 3/4		
CB091116			2		
CB091118			2- 1/4		
CB091120			2- 1/2		
CB091208	9/16	3/4	1		
CB091210			1- 1/4		
CB091212			1- 1/2		
CB091214			1- 3/4		
CB091216			2		
CB091218			2- 1/4		
CB091220			2- 1/2		
CB091308	9/16	13/16	1		
CB091310			1- 1/4		
CB091312			1- 1/2		
CB091314			1- 3/4		
CB091316			2		
CB091320			2- 1/2		
CB091408	9/16	7/8	1		
CB091412			1- 1/2		
CB091416			2		
CB101204	5/8	3/4	1/2		
CB101206			3/4		
CB101208			1		
CB101209			1- 1/8		
CB101210			1- 1/4		
CB101212			1- 1/2		
CB101214			1- 3/4		
CB101216			2		
CB101218			2- 1/4		
CB101220			2- 1/2		
CB101224			3		
CB101308			5/8	13/16	1
CB101310					1- 1/4
CB101312	1- 1/2				
CB101314	1- 3/4				
CB101316	2				
CB101318	2- 1/4				
CB101320	2- 1/2				
CB101404	5/8	7/8	1/2		
CB101406			3/4		
CB101408			1		
CB101409			1- 1/8		
CB101410			1- 1/4		

PART NUMBER	I.D.	O.D.	LENGTH
CB101412	5/8	7/8	1- 1/2
CB101414			1- 3/4
CB101416			2
CB101418			2- 1/4
CB101420			2- 1/2
CB101424			3
CB101508	5/8	15/16	1
CB101512			1- 1/2
CB101516			2
CB101520			2- 1/2
CB101608	5/8	1	1
CB101612			1- 1/2
CB101616			2
CB101618			2- 1/4
CB101620			2- 1/2
CB101624	3		
CB101812	5/8	1- 1/8	1- 1/2
CB101816			2
CB101818			2- 1/4
CB111308	11/16	13/16	1
CB111310			1- 1/4
CB111312			1- 1/2
CB111314			1- 3/4
CB111316			2
CB111320			2- 1/2
CB111408	11/16	7/8	1
CB111410			1- 1/4
CB111412			1- 1/2
CB111414			1- 3/4
CB111416			2
CB111418			2- 1/4
CB111420			2- 1/2
CB111508	11/16	15/16	1
CB111510			1- 1/4
CB111512			1- 1/2
CB111514			1- 3/4
CB111516			2
CB111520			2- 1/2
CB111610	11/16	1	1- 1/4
CB111618			2- 1/4
CB111620			2- 1/2
CB121406	3/4	7/8	3/4
CB121408			1
CB121410			1- 1/4



Cast Bronze Sleeve (Plane) Bearings

PART NUMBER	I.D.	O.D.	LENGTH
CB121412 CB121414 CB121416 CB121418 CB121420	3/4	7/8	1- 1/2 1- 3/4 2 2- 1/4 2- 1/2
CB121508 CB121510 CB121511 CB121512 CB121514 CB121516 CB121518 CB121520 CB121522 CB121524	3/4	15/16	1 1- 1/4 1- 3/8 1- 1/2 1- 3/4 2 2- 1/4 2- 1/2 2- 3/4 3
CB121604 CB121606 CB121607 CB121608 CB121609 CB121610 CB121611 CB121612 CB121614 CB121615 CB121616 CB121617 CB121618 CB121620 CB121622 CB121624 CB121628	3/4	1	1/2 3/4 7/8 1 1- 1/8 1- 1/4 1- 3/8 1- 1/2 1- 3/4 1- 7/8 2 2- 1/8 2- 1/4 2- 1/2 2- 3/4 3 3- 1/2
CB121708 CB121712 CB121716 CB121718 CB121720 CB121724	3/4	1- 1/16	1 1- 1/2 2 2- 1/4 2- 1/2 3
CB121808 CB121812 CB121816 CB121818 CB121820 CB121824	3/4	1- 1/8	1 1- 1/2 2 2- 1/4 2- 1/2 3
CB121912 CB121916	3/4	1- 3/16	1- 1/2 2

PART NUMBER	I.D.	O.D.	LENGTH
CB122014 CB122016 CB122018 CB122020 CB122024	3/4	1- 1/4	1- 3/4 2 2- 1/4 2- 1/2 3
CB131508 CB131512 CB131516	13/16	15/16	1 1- 1/2 2
CB131612 CB131614 CB131616 CB131620	13/16	1	1- 1/2 1- 3/4 2 2- 1/2
CB131712 CB131716 CB131720 CB131724	13/16	1- 1/16	1- 1/2 2 2- 1/2 2- 3/4 3
CB131812 CB131816	13/16	1- 1/8	1- 1/2 2
CB131920 CB131924	13/16	1- 3/16	2- 1/2 3
CB141608 CB141610 CB141611 CB141612 CB141613 CB141616	7/8	1	1 1- 1/4 1- 3/8 1- 1/2 1- 5/8 2
CB141708 CB141710 CB141712 CB141714 CB141716 CB141718 CB141720 CB141724	7/8	1- 1/16	1 1- 1/4 1- 1/2 1- 3/4 2 2- 1/4 2- 1/2 3
CB141806 CB141808 CB141810 CB141811 CB141812 CB141814 CB141816 CB141818 CB141820	7/8	1- 1/8	3/4 1 1- 1/4 1- 3/8 1- 1/2 1- 3/4 2 2- 1/4 2- 1/2

Cast Bronze Sleeve (Plane) Bearings



PART NUMBER	I.D.	O.D.	LENGTH
CB141824 CB141826 CB141828	7/8	1- 1/8	3 3- 1/4 3- 1/2
CB141908 CB141910 CB141912 CB141916 CB141920 CB141924	7/8	1- 3/16	1 1- 1/4 1- 1/2 2 2- 1/2 3
CB142012 CB142014 CB142016 CB142018 CB142020 CB142024 CB142028 CB142032	7/8	1- 1/4	1- 1/2 1- 3/4 2 2- 1/4 2- 1/2 3 3- 1/2 4
CB142212 CB142214 CB142216 CB142220 CB142224	7/8	1- 3/8	1- 1/2 1- 3/4 2 2- 1/2 3
CB151812 CB151816 CB151820	15/16	1- 1/8	1- 1/2 2 2- 1/2
CB151910 CB151912 CB151916 CB151918 CB151924	15/16	1- 3/16	1- 1/4 1- 1/2 2 2- 1/4 3
CB152008 CB152012 CB152016 CB152020 CB152022	15/16	1- 1/4	1 1- 1/2 2 2- 1/2 2- 3/4
CB152112 CB152116 CB152124	15/16	1- 5/16	1- 1/2 2 3
CB161808 CB161811 CB161812 CB161814 CB161816 CB161820	1	1- 1/8	1 1- 3/8 1- 1/2 1- 3/4 2 2- 1/2

PART NUMBER	I.D.	O.D.	LENGTH
CB161907 CB161908 CB161910 CB161912 CB161914 CB161916 CB161920	1	1- 3/16	7/8 1 1- 1/4 1- 1/2 1- 3/4 2 2- 1/2
CB162006 CB162008 CB162009 CB162010 CB162011 CB162012 CB162013 CB162014 CB162015 CB162016 CB162018 CB162020 CB162022 CB162024 CB162028 CB162030 CB162032 CB162036	1	1- 1/4	3/4 1 1- 1/8 1- 1/4 1- 3/8 1- 1/2 1- 5/8 1- 3/4 1- 7/8 2 2- 1/4 2- 1/2 2- 3/4 3 3- 1/2 3- 3/4 4 4- 1/2
CB162112 CB162116 CB162118 CB162120 CB162124 CB162128 CB162130	1	1- 5/16	1- 1/2 2 2- 1/4 2- 1/2 3 3- 1/2 3- 3/4
CB162208 CB162210 CB162212 CB162214 CB162216 CB162220 CB162222 CB162224 CB162226 CB162228 CB162232 CB162236	1	1- 3/8	1 1- 1/4 1- 1/2 1- 3/4 2 2- 1/2 2- 3/4 3 3- 1/4 3- 1/2 4 4- 1/2
CB162412 CB162414 CB162416 CB162420	1	1- 1/2	1- 1/2 1- 3/4 2 2- 1/2



Cast Bronze Sleeve (Plane) Bearings

PART NUMBER	I.D.	O.D.	LENGTH
CB162424 CB162432	1	1- 1/2	3 4
CB162616 CB162620 CB162624 CB162628	1	1- 5/8	2 2- 1/2 3 3- 1/2
CB162852	1	1- 3/4	6- 1/2
CB163224 CB163252	1	2	3 6- 1/2
CB172112 CB172116 CB172120 CB172124 CB172128	1- 1/16	1- 5/16	1- 1/2 2 2- 1/2 3 3- 1/2
CB172208 CB172216 CB172220	1- 1/16	1- 3/8	1 2 2- 1/2
CB172320 CB172324 CB172332	1- 1/16	1- 7/16	2- 1/2 3 4
CB182012 CB182014 CB182016	1- 1/8	1- 1/4	1- 1/2 1- 3/4 2
CB182118 CB182120	1- 1/8	1- 5/16	2- 1/4 2- 1/2
CB182208 CB182210 CB182212 CB182214 CB182216 CB182218 CB182220 CB182224 CB182226 CB182228 CB182232	1- 1/8	1- 3/8	1 1- 1/4 1- 1/2 1- 3/4 2 2- 1/4 2- 1/2 3 3- 1/4 3- 1/2 4
CB182312 CB182320 CB182324 CB182328	1- 1/8	1- 7/16	1- 1/2 2- 1/2 3 3- 1/2
CB182412	1- 1/8	1- 1/2	1- 1/2

PART NUMBER	I.D.	O.D.	LENGTH
CB182416 CB182420 CB182424 CB182428 CB182432	1- 1/8	1- 1/2	2 2- 1/2 3 3- 1/2 4
CB182614 CB182616 CB182620 CB182624 CB182628 CB182632 CB182636	1- 1/8	1- 5/8	1- 3/4 2 2- 1/2 3 3- 1/2 4 4- 1/2
CB183052	1- 1/8	1- 7/8	6- 1/2
CB183224 CB183244	1- 1/8	2	3 5- 1/2
CB192214 CB192216 CB192220	1- 3/16	1- 3/8	1- 3/4 2 2- 1/2
CB192310 CB192312 CB192316 CB192320 CB192324 CB192328	1- 3/16	1- 7/16	1- 1/4 1- 1/2 2 2- 1/2 3 3- 1/2
CB192416 CB192424 CB192432	1- 3/16	1- 1/2	2 3 4
CB192512 CB192520 CB192524 CB192528	1- 3/16	1- 9/16	1- 1/2 2- 1/2 3 3- 1/2
CB192616 CB192620 CB192624	1- 3/16	1- 5/8	2 2- 1/2 3
CB192716 CB192720 CB192724 CB192728	1- 3/16	1-11/16	2 2- 1/2 3 3- 1/2
CB202316 CB202320 CB202324	1- 1/4	1- 7/16	2 2- 1/2 3

Cast Bronze Sleeve (Plane) Bearings



PART NUMBER	I.D.	O.D.	LENGTH
CB202408	1- 1/4	1- 1/2	1
CB202409			1- 1/8
CB202410			1- 1/4
CB202411			1- 3/8
CB202412			1- 1/2
CB202413			1- 5/8
CB202414			1- 3/4
CB202416			2
CB202418			2- 1/4
CB202420			2- 1/2
CB202422			2- 3/4
CB202424			3
CB202426			3- 1/4
CB202428			3- 1/2
CB202432			4
CB202434			4- 1/4
CB202436			4- 1/2
CB202440			5
CB202444			5- 1/2
CB202516			1- 1/4
CB202520	2- 1/2		
CB202524	3		
CB202528	3- 1/2		
CB202530			3- 3/4
CB202614	1- 1/4	1- 5/8	1- 3/4
CB202616			2
CB202620			2- 1/2
CB202624			3
CB202626			3- 1/4
CB202628			3- 1/2
CB202632			4
CB202636			4- 1/2
CB202638			4- 3/4
CB202716			1- 1/4
CB202720	2- 1/2		
CB202726	3- 1/4		
CB202728	3- 1/2		
CB202810	1- 1/4	1- 3/4	1- 1/4
CB202814			1- 3/4
CB202816			2
CB202818			2- 1/4
CB202820			2- 1/2
CB202822			2- 3/4
CB202824			3
CB202828			3- 1/2
CB202830			3- 3/4
CB202832			4
CB202840			5

PART NUMBER	I.D.	O.D.	LENGTH
CB203016	1- 1/4	1- 7/8	2
CB203020			2- 1/2
CB203024			3
CB203032			4
CB203224	1- 1/4	2	3
CB203232			4
CB203252			6- 1/2
CB212414	1- 5/16	1- 1/2	1- 3/4
CB212424			3
CB212524	1- 5/16	1- 9/16	3
CB212528			3- 1/2
CB212532			4
CB212616	1- 5/16	1- 5/8	2
CB212620			2- 1/2
CB212624			3
CB212632			4
CB212638			4- 3/4
CB212720	1- 5/16	1-11/16	2- 1/2
CB212724			3
CB212732			4
CB212924	1- 5/16	1-13/16	3
CB212932			4
CB213028	1- 5/16	1- 7/8	3- 1/2
CB213036			4- 1/2
CB222414	1- 3/8	1- 1/2	1- 3/4
CB222416			2
CB222420			2- 1/2
CB222610	1- 3/8	1- 5/8	1- 1/4
CB222612			1- 1/2
CB222616			2
CB222624			3
CB222626			3- 1/4
CB222628			3- 1/2
CB222632			4
CB222636	4- 1/2		
CB222728	1- 3/8	1-11/16	3- 1/2
CB222816	1- 3/8	1- 3/4	2
CB222818			2- 1/4
CB222820			2- 1/2
CB222824			3
CB222828			3- 1/2
CB222828			3- 1/2



Cast Bronze Sleeve (Plane) Bearings

PART NUMBER	I.D.	O.D.	LENGTH
CB222832	1- 3/8	1- 3/4	4
CB223024	1- 3/8	1- 7/8	3
CB223028			3- 1/2
CB223032			4
CB223036			4- 1/2
CB223224	1- 3/8	2	3
CB223232			4
CB223452	1- 3/8	2- 1/8	6- 1/2
CB232614	1- 7/16	1- 5/8	1- 3/4
CB232622			2- 3/4
CB232624			3
CB232720	1- 7/16	1-11/16	2- 1/2
CB232724			3
CB232728			3- 1/2
CB232732			4
CB232734			4- 1/4
CB232818	1- 7/16	1- 3/4	2- 1/4
CB232824			3
CB232832			4
CB232924	1- 7/16	1-13/16	3
CB232926			3- 1/4
CB232928			3- 1/2
CB232932			4
CB232934			4- 1/4
CB232940	5		
CB233024	1- 7/16	1- 7/8	3
CB233032			4
CB233036			4- 1/2
CB233040			5
CB233116	1- 7/16	1-15/16	2
CB233124			3
CB233128			3- 1/2
CB233132			4
CB233136			4- 1/2
CB233140			5
CB233144			5- 1/2
CB233232	1- 7/16	2	4
CB242616	1- 1/2	1- 5/8	2
CB242722	1- 1/2	1-11/16	2- 3/4

PART NUMBER	I.D.	O.D.	LENGTH
CB242808	1- 1/2	1- 3/4	1
CB242810			1- 1/4
CB242812			1- 1/2
CB242814			1- 3/4
CB242816			2
CB242818			2- 1/4
CB242820			2- 1/2
CB242824			3
CB242828			3- 1/2
CB242832			4
CB242836			4- 1/2
CB242840			5
CB242844			5- 1/2
CB242924			1- 1/2
CB243012	1- 1/2	1- 7/8	1- 1/2
CB243016			2
CB243020			2- 1/2
CB243022			2- 3/4
CB243024			3
CB243028			3- 1/2
CB243032			4
CB243036			4- 1/2
CB243040	5		
CB243044	5- 1/2		
CB243216	1- 1/2	2	2
CB243220			2- 1/2
CB243224			3
CB243228			3- 1/2
CB243232			4
CB243236			4- 1/2
CB243240	5		
CB243424	1- 1/2	2- 1/8	3
CB243432			4
CB243624	1- 1/2	2- 1/4	3
CB243632			4
CB243640			5
CB243652			6- 1/2
CB252924	1- 9/16	1-13/16	3
CB252928			3- 1/2
CB252932			4
CB253128	1- 9/16	1-15/16	3- 1/2
CB253136			4- 1/2
CB263018	1- 5/8	1- 7/8	2- 1/4
CB263024			3

Cast Bronze Sleeve (Plane) Bearings



PART NUMBER	I.D.	O.D.	LENGTH
CB263030	1- 5/8	1- 7/8	3- 3/4
CB263214 CB263220 CB263224 CB263228 CB263232 CB263236 CB263240 CB263244	1- 5/8	2	1- 3/4 2- 1/2 3 3- 1/2 4 4- 1/2 5 5- 1/2
CB263424 CB263432 CB263436 CB263440	1- 5/8	2- 1/8	3 4 4- 1/2 5
CB273124 CB273128	1-11/16	1-15/16	3 3- 1/2
CB273228 CB273236	1-11/16	2	3- 1/2 4- 1/2
CB273324 CB273328 CB273332 CB273336 CB273340 CB273344	1-11/16	2- 1/16	3 3- 1/2 4 4- 1/2 5 5- 1/2
CB273516 CB273520 CB273524 CB273528 CB273532 CB273536 CB273544	1-11/16	2- 3/16	2 2- 1/2 3 3- 1/2 4 4- 1/2 5- 1/2
CB273624 CB273636	1-11/16	2- 1/4	3 4- 1/2
CB283212 CB283216 CB283218 CB283220 CB283224 CB283232 CB283236 CB283242	1- 3/4	2	1- 1/2 2 2- 1/4 2- 1/2 3 4 4- 1/2 5- 1/4
CB283328	1- 3/4	2- 1/16	3- 1/2
CB283420	1- 3/4	2- 1/8	2- 1/2

PART NUMBER	I.D.	O.D.	LENGTH
CB283422 CB283426 CB283428 CB283432 CB283434 CB283440 CB283444	1- 3/4	2- 1/8	2- 3/4 3- 1/4 3- 1/2 4 4- 1/4 5 5- 1/2
CB283614 CB283616 CB283620 CB283624 CB283628 CB283632 CB283634 CB283640	1- 3/4	2- 1/4	1- 3/4 2 2- 1/2 3 3- 1/2 4 4- 1/4 5
CB283828 CB283836 CB283840	1- 3/4	2- 3/8	3- 1/2 4- 1/2 5
CB284052	1- 3/4	2- 1/2	6- 1/2
CB293532 CB293542	1-13/16	2- 3/16	4 5- 1/4
CB293732 CB293740	1-13/16	2- 5/16	4 5
CB303420 CB303424 CB303432	1- 7/8	2- 1/8	2- 1/2 3 4
CB303624 CB303626 CB303632 CB303640	1- 7/8	2- 1/4	3 3- 1/4 4 5
CB303824 CB303832 CB303842	1- 7/8	2- 3/8	3 4 5- 1/4
CB313516 CB313524 CB313532	1-15/16	2- 3/16	2 3 4
CB313624 CB313636	1-15/16	2- 1/4	3 4- 1/2
CB313728 CB313732 CB313740	1-15/16	2- 5/16	3- 1/2 4 5



Cast Bronze Sleeve (Plane) Bearings

PART NUMBER	I.D.	O.D.	LENGTH
CB313744 CB313750	1- 15/16	2- 5/16	5- 1/2 6- 1/4
CB313824 CB313832 CB313844	1-15/16	2- 3/8	3 4 5- 1/2
CB313924 CB313932 CB313940 CB313944	1-15/16	2- 7/16	3 4 5 5- 1/2
CB314024 CB314040	1-15/16	2- 1/2	3 5
CB323616 CB323620 CB323624 CB323628 CB323630 CB323632 CB323636 CB323640	2	2- 1/4	2 2- 1/2 3 3- 1/2 3- 3/4 4 4- 1/2 5
CB323820 CB323824 CB323828 CB323832 CB323836	2	2- 3/8	2- 1/2 3 3- 1/2 4 4- 1/2
CB324016 CB324020 CB324024 CB324028 CB324032 CB324036 CB324040 CB324044 CB324048	2	2- 1/2	2 2- 1/2 3 3- 1/2 4 4- 1/2 5 5- 1/2 6
CB324232	2	2- 5/8	4
CB324448 CB324452	2	2- 3/4	6 6- 1/2
CB344024 CB344032	2- 1/8	2- 1/2	3 4
CB344232 CB344240 CB344248	2- 1/8	2- 5/8	4 5 6

PART NUMBER	I.D.	O.D.	LENGTH
CB354232 CB354240	2- 3/16	2- 5/8	4 5
CB354328 CB354332 CB354336 CB354340	2- 3/16	2-11/16	3- 1/2 4 4- 1/2 5
CB354436 CB354442 CB354448	2- 3/16	2- 3/4	4- 1/2 5- 1/4 6
CB354636	2- 3/16	2- 7/8	4- 1/2
CB364024 CB364028 CB364032	2- 1/4	2- 1/2	3 3- 1/2 4
CB364224 CB364232 CB364240	2- 1/4	2- 5/8	3 4 5
CB364338	2- 1/4	2-11/16	4- 3/4
CB364424 CB364428 CB364432 CB364436 CB364440 CB364448 CB364452	2- 1/4	2- 3/4	3 3- 1/2 4 4- 1/2 5 6 6- 1/2
CB364828 CB364840	2- 1/4	3	3- 1/2 5
CB365052	2- 1/4	3- 1/8	6- 1/2
CB384432 CB384440 CB384448	2- 3/8	2- 3/4	4 5 6
CB384632 CB384640 CB384648	2- 3/8	2- 7/8	4 5 6
CB394432 CB394440	2- 7/16	2- 3/4	4 5
CB394624 CB394640	2- 7/16	2- 7/8	3 5
CB394732	2- 7/16	2-15/16	4

Cast Bronze Sleeve (Plane) Bearings



PART NUMBER	I.D.	O.D.	LENGTH
CB394740 CB394750	2- 7/16	2- 15/16	5 6- 1/4
CB394830 CB394840 CB394850	2- 7/16	3	3- 3/4 5 6- 1/4
CB404424 CB404432 CB404440	2- 1/2	2- 3/4	3 4 5
CB404626 CB404636	2- 1/2	2- 7/8	3- 1/4 4- 1/2
CB404824 CB404830 CB404832 CB404840 CB404848 CB404856	2- 1/2	3	3 3- 3/4 4 5 6 7
CB405028 CB405032 CB405036 CB405054	2- 1/2	3- 1/8	3- 1/2 4 4- 1/2 6- 3/4
CB405232 CB405240 CB405248 CB405258	2- 1/2	3- 1/4	4 5 6 7- 1/4
CB405652	2- 1/2	3- 1/2	6- 1/2
CB424824 CB424832 CB424840	2- 5/8	3	3 4 5
CB425040 CB425048 CB425058	2- 5/8	3- 1/8	5 6 7- 1/4
CB425256	2- 5/8	3- 1/4	7
CB425452	2- 5/8	3- 3/8	6- 1/2
CB435132 CB435140 CB435150	2-11/16	3- 3/16	4 5 6- 1/4
CB445032 CB445040 CB445048	2- 3/4	3- 1/8	4 5 6

PART NUMBER	I.D.	O.D.	LENGTH
CB445232 CB445240 CB445248 CB445256	2- 3/4	3- 1/4	4 5 6 7
CB445432 CB445452	2- 3/4	3- 3/8	4 6- 1/2
CB445652	2- 3/4	3- 1/2	6- 1/2
CB465432 CB465448 CB465464	2- 7/8	3- 3/8	4 6 8
CB465636 CB465654	2- 7/8	3- 1/2	4- 1/2 6- 3/4
CB475528 CB475540 CB475552	2-15/16	3- 7/16	3- 1/2 5 6- 1/2
CB476056	2-15/16	3- 3/4	7
CB485436 CB485464	3	3- 3/8	4- 1/2 8
CB485624 CB485632 CB485636 CB485644 CB485648 CB485672	3	3- 1/2	3 4 4- 1/2 5- 1/2 6 9
CB485840 CB485852 CB485864	3	3- 5/8	5 6- 1/2 8
CB486050	3	3- 3/4	6- 1/4
CB486452	3	4	6- 1/2
CB525632	3- 1/4	3- 1/2	4
CB526040 CB526048 CB526072	3- 1/4	3- 3/4	5 6 9
CB556336 CB556352	3- 7/16	3-15/16	4- 1/2 6- 1/2
CB566432 CB566444	3- 1/2	4	4 5- 1/2



Cast Bronze Sleeve (Plane) Bearings

PART NUMBER	I.D.	O.D.	LENGTH
CB566448 CB566456	3- 1/2	4	6 7
CB566648	3- 1/2	4- 1/8	6
CB566836 CB566856 CB566878	3- 1/2	4- 1/4	4- 1/2 7 9- 3/4
CB606840 CB606856	3- 3/4	4- 1/4	5 7
CB607252	3- 3/4	4- 1/2	6- 1/2
CB647232 CB647248 CB647256	4	4- 1/2	4 6 7
CB647640 CB647648 CB647656	4	4- 3/4	5 6 7
CB648040 CB648048 CB648056	4	5	5 6 7

PART NUMBER	I.D.	O.D.	LENGTH
CB687640 CB687648 CB687656	4- 1/4	4- 3/4	5 6 7
CB688040 CB688048 CB688056	4- 1/4	5	5 6 7
CB728048 CB728056 CB728064	4- 1/2	5	6 7 8
CB728848 CB728856 CB728864	4- 1/2	5- 1/2	6 7 8
CB808848 CB808856 CB808864	5	5- 1/2	6 7 8
CB809656 CB809664 CB809672	5	6	7 8 9

Drilling and Oil Grooving Standard Bearings

Any of the standard bearings or bar stock listed in this catalog can be machined, grooved, graphited, drilled or re-machined in many ways to handle a variety of needs. Such services are available through any of the Bunting Bearings Authorized Distributors.

Unless otherwise specified, the width and depth of oil grooves will be proportional to the wall thickness and size of bearing, contained within the bearing. Special designs or a combination of standard styles, illustrated below, may be furnished if desired.

In order to form a more perfect oil film between the bearing and shaft, we recommend a V-shaped groove whenever the design permits, as it allows full flow of the lubricant across the bearing surface.



Straight



Circular



Style 1



Style 2



Style 3



Style 4



Style 5



Style 11

Graphiting

Any of the standard stock sizes of sleeve (plane) type bronze bearings listed in this catalog are adaptable to grooving and graphiting. A great many different styles of graphiting are available of which the six styles illustrated are the most popular. The depth and width of the groove depend upon the wall thickness, bearing diameter and other factors that may vary with the individual application. Graphite is mechanically forced into the groove under extreme pressure. A film of lubricant is transferred to the shaft as it starts to turn. Graphited bearings are free reaming. Generally speaking, a graphited bearing should be ordered or reamed at assembly, so the I.D. is from .001 to .002" greater than would be needed if ungraphited bearings were being used.

The SKR style graphited bearing is excellent for high temperature applications.

SKR style bearings are available in bore sizes from 5/16" through 3" with tolerances to meet standard or special applications.

Slightly greater than normal running clearances are also required for SKR bearings. When it is necessary to finish the bearing at assembly, total stock removal should not exceed .005". Contact Bunting Bearings or your local Authorized Distributor for additional information.



Style 9



Style 5G



Style SKR



Style 7A



Style 10



Plug