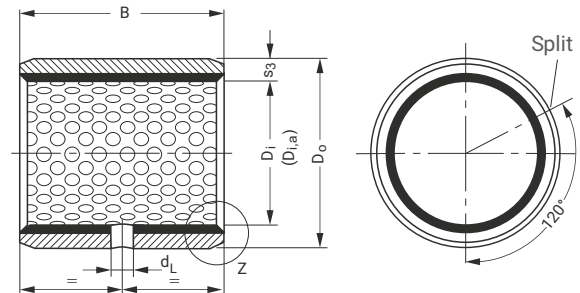
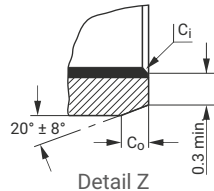


# 8 Standard Products

## 8.2 MB DX® CYLINDRICAL BUSHES



Dimensions and Tolerances according to ISO 3547 and GGB-Specifications

### Outside $C_0$ and Inside $C_i$ chamfers

WALL THICKNESS $S_3$	$C_0$ (a) MACHINED / ROLLED	$C_i$ (b)
0,75	$0,5 \pm 0,3$	$0,5 \pm 0,3$
1	$0,6 \pm 0,4$	$0,6 \pm 0,4$
1,5	$0,6 \pm 0,4$	$0,6 \pm 0,4$

WALL THICKNESS $S_3$	$C_0$ (a) MACHINED / ROLLED	$C_i$ (b)
2	$1,2 \pm 0,4$	$1,0 \pm 0,4$
2,5	$1,8 \pm 0,6$	$1,2 \pm 0,4$

(a) = chamfer  $C_0$  machined or rolled at the opinion of the manufacturer

(b) =  $C_i$  can be a radius or a chamfer in accordance with ISO 13715

PART NO.	NOMINAL DIAMETER		WALL THICKNESS S <sub>3</sub> max. min.	WIDTH B max. min.	SHAFT Ø D <sub>jm</sub> [d8] max. min.	HOUSING Ø D <sub>H</sub> [H7] max. min.	BUSH Ø D <sub>i,a,m</sub> ASSEMBLY IN H7 HOUSING max. min.	CLEARANCE C <sub>D</sub> max. min.	OIL HOLE Ø d <sub>L</sub>
	D <sub>i</sub>	D <sub>O</sub>							
MB0808DX	8	10	1,108 1,082	8,25 7,75	7,960 7,938	10,015 10,000	8,015 8,000	0,077 0,040	No hole
MB0810DX				10,25 9,75					
MB0812DX				12,25 11,75					
MB1010DX	10	12		10,25 9,75	9,960 9,938	12,018 12,000	10,018 10,000	0,080 0,040	3
MB1012DX				12,25 11,75					4
MB1015DX				15,25 14,75					
MB1020DX				20,25 19,75					
MB1210DX	12	14		10,25 9,75	11,950 11,923	14,018 14,000	12,018 12,000	0,095 0,050	3
MB1215DX				15,25 14,75					4
MB1220DX				20,25 19,75					
MB1420DX	14	16		20,25 19,75	13,950 13,923	16,018 16,000	14,018 14,000		4
MB1425DX				25,25 24,75					
MB1510DX	15	17		10,25 9,75	14,950 14,923	17,018 17,000	15,018 15,000		3
MB1512DX				12,25 11,75				4	
MB1515DX				15,25 14,75					
MB1525DX				25,25 24,75					

All dimensions in mm. For stock availability please contact your local sales representative.

PART NO.	NOMINAL DIAMETER		WALL THICKNESS S <sub>3</sub> max. min.	WIDTH B max. min.	SHAFT Ø D <sub>jm</sub> [d8] max. min.		HOUSING Ø D <sub>H</sub> [H7] max. min.		BUSH Ø D <sub>i.a.m</sub> ASSEMBLY IN H7 HOUSING max. min.	CLEARANCE C <sub>D</sub> max. min.	OIL HOLE Ø d <sub>L</sub>			
	D <sub>i</sub>	D <sub>O</sub>												
MB1615DX	16	18	1,108 1,082	15,25 14,75	d8	15,950 15,923	H7	18,018 18,000	16,018 16,000	0,095 0,050	4			
MB1625DX				25,25 24,75										
MB1815DX	18	20		15,25 14,75								17,950 17,923	20,021 20,000	18,018 18,000
MB1825DX				25,25 24,75										
MB2010DX	20	23	10,25 9,75	19,935 19,902	23,021 23,000	20,021 20,000								
MB2015DX			15,25 14,75											
MB2020DX			20,25 19,75											
MB2025DX			25,25 24,75											
MB2030DX			30,25 29,75											
MB2215DX	22	25	15,25 14,75	21,935 21,902	25,021 25,000	22,021 22,000								
MB2220DX			20,25 19,75											
MB2225DX			25,25 24,75											
MB2230DX			30,25 29,75											
MB2415DX	24	27	15,25 14,75	23,935 23,902	27,021 27,000	24,021 24,000								
MB2420DX			20,25 19,75											
MB2425DX			25,25 24,75											
MB2430DX			30,25 29,75											
MB2515DX	25	28	15,25 14,75	24,935 24,902	28,021 28,000	25,021 25,000								
MB2520DX			20,25 19,75											
MB2525DX			25,25 24,75											
MB2530DX			30,25 29,75											
MB2820DX	28	32	20,25 19,75	27,935 27,902	32,025 32,000	28,021 28,000								
MB2825DX			25,25 24,75											
MB2830DX			30,25 29,75											
MB3020DX	30	34	20,25 19,75	29,935 29,902	34,025 34,000	30,021 30,000								
MB3030DX			30,25 29,75											
MB3040DX			40,25 39,75											

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# 8 Standard Products

PART NO.	NOMINAL DIAMETER		WALL THICKNESS S <sub>3</sub> max. min.	WIDTH B max. min.	SHAFT Ø D <sub>jm</sub> [d8] max. min.		HOUSING Ø D <sub>H</sub> [H7] max. min.		BUSH Ø D <sub>i.a.m</sub> ASSEMBLY IN H7 HOUSING max. min.	CLEARANCE C <sub>D</sub> max. min.	OIL HOLE Ø d <sub>L</sub>
	D <sub>i</sub>	D <sub>O</sub>									
MB3220DX	32	36	2,108 2,072	20,25 19,75		31,920 31,881		36,025 36,000	32,025 32,000	0,144 0,080	6
MB3230DX				30,25 29,75							
MB3235DX				35,25 34,75							
MB3240DX				40,25 39,75							
MB3520DX	20,25 19,75	34,920 34,881		39,025 39,000	35,025 35,000						
MB3530DX	30,25 29,75										
MB3550DX	50,25 49,75										
MB3720DX	37	41		20,25 19,75	36,920 36,881	41,025 41,000	37,025 37,000				
MB4020DX	40	44		20,25 19,75	39,920 39,881	44,025 44,000	40,025 40,000				
MB4030DX				30,25 29,75							
MB4040DX				40,25 39,75							
MB4050DX				50,25 49,75							
MB4520DX	45	50		20,25 19,75	d8	44,920 44,881	H7	50,025 50,000	45,025 45,000		
MB4530DX				30,25 29,75							
MB4540DX				40,25 39,75							
MB4545DX				45,25 44,75							
MB4550DX				50,25 49,75							
MB5040DX	50	55		40,25 39,75		49,920 49,881	55,030 55,000	50,025 50,000			
MB5060DX				60,25 59,75							
MB5520DX	55	60	2,634 2,588	20,25 19,75		54,900 54,854	60,030 60,000	55,030 55,000			
MB5525DX				25,25 24,75							
MB5530DX				30,25 29,75							
MB5540DX				40,25 39,75							
MB5550DX				50,25 49,75							
MB5560DX				60,25 59,75							
MB6030DX	60	65		30,25 29,75		59,900 59,854	65,030 65,000	60,030 60,000			
MB6040DX				40,25 39,75							
MB6060DX				60,25 59,75							
MB6070DX				70,25 69,75							

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PART NO.	NOMINAL DIAMETER		WALL THICKNESS S <sub>3</sub> max. min.	WIDTH B max. min.	SHAFT Ø D <sub>Jm</sub> [d8] max. min.		HOUSING Ø D <sub>H</sub> [H7] max. min.		BUSH Ø D <sub>i.a.m</sub> ASSEMBLY IN H7 HOUSING max. min.	CLEARANCE C <sub>D</sub> max. min.	OIL HOLE Ø d <sub>L</sub>
	D <sub>i</sub>	D <sub>O</sub>									
MB6540DX	65	70	2,634 2,568	40,25 39,75	64,900 64,854		70,030 70,000	65,030 65,000	0,176 0,100	8	
MB6550DX				50,25 49,75							
MB6560DX				60,25 59,75							
MB6570DX				70,25 69,75							
MB7040DX	70	75		40,25 39,75	69,900 69,854	75,030 75,000	70,030 70,000				
MB7050DX				50,25 49,75							
MB7065DX				65,25 64,75							
MB7070DX				70,25 69,75							
MB7080DX	80,25 79,75	74,900 74,854		80,030 80,000	75,030 75,000						
MB7540DX	40,25 39,75										
MB7560DX	60,25 59,75										
MB7580DX	80,25 79,75										
MB8040DX	80	85		40,50 39,50	79,900 79,854	85,035 85,000	80,030 80,000				
MB8060DX				60,50 59,50							
MB8080DX				80,50 79,50							
MB80100DX				100,50 99,50							
MB8530DX	85	90		30,50 29,50	84,880 84,826	90,035 90,000	85,035 85,000	0,209 0,120	9,5		
MB8540DX				40,50 39,50							
MB8560DX				60,50 59,50							
MB8580DX				80,50 79,50							
MB85100DX	100,50 99,50	89,880 89,826		95,035 95,000	90,035 90,000						
MB9040DX	40,50 39,50										
MB9060DX	60,50 59,50										
MB9090DX	90,50 89,50										
MB90100DX	100,50 99,50	94,880 94,826		100,035 100,000	95,035 95,000						
MB9560DX	60,50 59,50										
MB95100DX	100,50 99,50										
MB10050DX	100	105		50,50 49,50	99,880 99,826	105,035 105,000	100,035 100,000				
MB10060DX				60,50 59,50							
MB10080DX				80,50 79,50							
MB10095DX				95,50 94,50							
MB100115DX				115,50 114,50							

All dimensions in mm. For stock availability please contact your local sales representative.

# 8 Standard Products

PART NO.	NOMINAL DIAMETER		WALL THICKNESS S <sub>3</sub> max. min.	WIDTH B max. min.	SHAFT Ø D <sub>jm</sub> [d8] max. min.	HOUSING Ø D <sub>H</sub> [H7] max. min.	BUSH Ø D <sub>i.a.m</sub> ASSEMBLY IN H7 HOUSING max. min.	CLEARANCE C <sub>D</sub> max. min.	OIL HOLE Ø d <sub>L</sub>		
	D <sub>i</sub>	D <sub>O</sub>									
MB10560DX	105	110	2,634 2,568	60,50 59,50	104,880 104,826		110,035 110,000	0,209 0,120	9,5		
MB105110DX				110,50 109,50							
MB105115DX				115,50 114,50							
MB11060DX	110	115		60,50 59,50	109,880 109,826	115,035 115,000	110,035 110,000				
MB110115DX				115,50 114,50							
MB11550DX				50,50 49,50							
MB11570DX	115	120		70,50 69,50	114,880 114,826	120,035 120,000	115,035 115,000				
MB12060DX				60,50 59,50						125,040 125,000	120,035 120,000
MB120100DX				100,50 99,50							
MB125100DX	125	130		100,50 99,50	124,855 124,792	130,040 130,000	125,040 125,000	0,248 0,145	No hole		
MB13050DX	130	135		50,50 49,50	129,855 129,792	135,040 135,000	130,040 130,000				
MB13060DX				60,50 59,50							
MB130100DX			100,50 99,50								
MB13560DX	135	140	60,50 59,50	134,855 134,792	140,040 140,000	135,040 135,000					
MB13580DX			80,50 79,50								
MB14060DX			140		145	60,50 59,50	139,855 139,792			145,040 145,000	140,040 140,000
MB140100DX	100,50 99,50										
MB15060DX	150	155		60,50 59,50		149,855 149,792				155,040 155,000	150,040 150,000
MB15080DX			80,50 79,50								
MB150100DX			100,50 99,50								

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