



Bushing BM (Steel + Sintered Bronze + PTFE)

COMPOSIZIONE=ACCIAIO/
BRONZO SINTERIZZATO/ PTFE

ELEVATA RESISTENZA MECCANICA. BUONA CONDUCEBILITÀ TERMICA ED ELETTRICA. RESISTENZA CHIMICA A SOLVENTI INDUSTRIALI. AUMENTO DEI VALORI MAX DELLA VELOCITÀ E DEL PV IN PRESENZA DI FLUIDI. ATTRITO DI PRIMO DISTACCO QUASI NULLO. PERNI CONSIGLIATI IN LEGHE FERROSE, ACCIAI INOX CROMATI O ALLUMINI ANODIZZATI. SCONSIGLIATI BRONZO, ALLUMINIO E MATERIALI FOSFATATI E NICHELATI (RUGOSITÀ MAX 0,24 μ CLA).

TOLLERANZE CONSIGLIATE PER GLI ALBERI:

Ø3-Ø4=h6
Ø5-Ø75=f7
Ø80-Ø300=h8

TOLLERANZE CONSIGLIATE PER LE SEDI:

Ø3-Ø4=H6
Ø5-Ø300=H7

COMPOSITION=STEEL/
SINTERED BRONZE/ PTFE

HIGH MECHANICAL RESISTANCE: GOOD ELECTRICAL AND THERMAL CONDUCTIVITY. CHEMICAL RESISTANCE TO INDUSTRIAL SOLVENTS. FLUID PRESENCE INCREASES PERFORMANCE. STICK SLIP ALMOST ABSENT. SHAFTS RECOMMENDED IN IRON ALLOY, STAINLESS STEELS, CHROME PLATED OR ANODIZED ALUMINIUM; NOT RECOMMENDED IN BRONZE, ALUMINIUM AND PHOSPHATE-COATED AND NICKEL PLATED (MAX ROUGHNESS 0,24 μ CLA).

RECOMMENDED SHAFTS

TOLERANCES:
Ø3-Ø4=h6
Ø5-Ø75=f7
Ø80-Ø300=h8

RECOMMENDED SEAT

TOLERANCES:
Ø3-Ø4=H6
Ø5-Ø300=H7

COMPOSITION=ACIER/
BRONZE FRITTE/ PTFE

RESISTANCE MECANIQUE ELEVÉE BONNE CONDUCTIBILITÉ THERMIQUE ET ELECTRIQUE, RESISTANCE CHIMIQUE A SOLVANTS INDUSTRIELLES. AUGMENTATION DES VALEURS MAXI DE LA VITESSE ET DU PV EN PRESENCE DE FLUIDES. FROTTEMENT PRESQUE NUL AU DEMARRAGE. AXES CONSEILLÉS EN ALLIAGE DE FER, ACIER INOX CHROMATE OU ALUMINIUM ANODISÉ. DECONSEILLÉS BRONZE, ALUMINIUM, ET MATIÈRES PHOSPHATES ET NICKELÉS (RUGOSITÉ MAXI 0.24 μ CLA).

TOLERANCES CONSEILLÉES

POUR LES AXES:
Ø3-Ø4=h6
Ø5-Ø75=f7
Ø80-Ø300=h8

TOLERANCES CONSEILLÉES

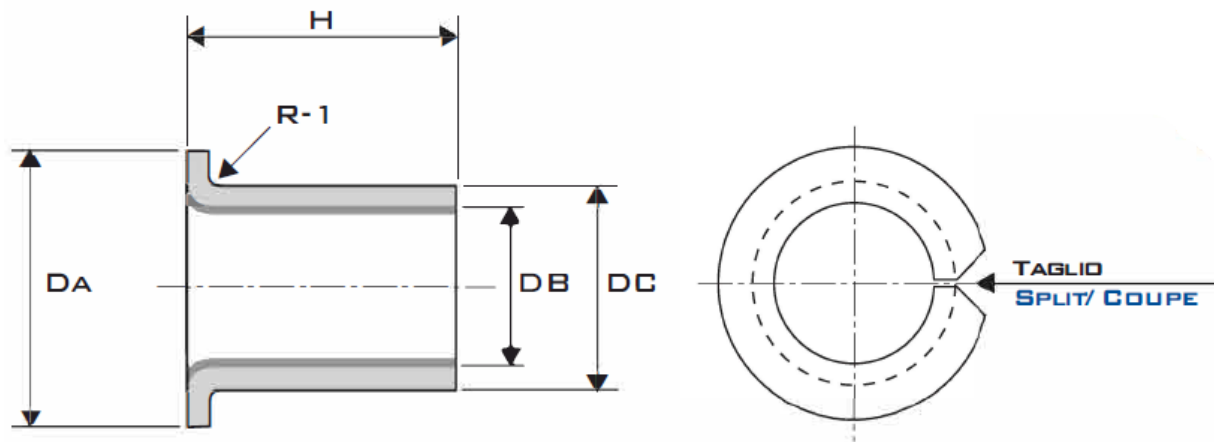
POUR LES ALESAGES:
Ø3-Ø4=H6
Ø5-Ø300=H7

CARICO STATICO MAX	MAX STATIC LOAD	CHARGE STATIQUE MAXI	150 N/MM ²
CARICO DINAMICO MAX	MAX DYNAMIC LOAD	CHARGE DINAMIQUE MAXI	N/MM ² XM/SEC <= 1,5
VELOCITÀ MAX DI STRISCIAMENTO	MAX SLIDING SPEED	VITESSE MAXI DE GLISSEMENT	2,5M/SEC.
TEMPERATURA D'ESERCIZIO	WORKING TEMPERATURE	TEMPERATURE D'EXERCISE	-200/+290°C
CONDUCEBILITÀ TERMICA	THERMAL CONDUCTIVITY	CONDUCTIVITE THERMIQUE	46W/MXK
COEFFICIENTE D'ATTRITO	FRICTION FACTOR	COEFFICIENT DE FROTTEMENT	0,03-0,25
COEFFICIENTE DILATAZIONE LINEARE	LINEAR EXPANSION COEFFICIENT	COEFFICIENT DILATATION LINEAIRE	10x10 ⁻⁶ /K

Cylindrical Dimensions ID x OD x Length

Flange Dimensions ID x OD x Flange OD x Flange Thickness x Length

DIMENSIONI DIMENSIONS			TOLLERANZE TOLERANCES		LUNGHEZZE (TOLLERANZA L +/- 0,25) LENGTHS/ LONGUEUR (TOLERANCE L +/- 0,25)																		
D	Ø	B MIN/MAX	ALBERO SHAFT AXES	SEDE SEAT ALCSBEE	3	4	5	6	8	10	12	15	20	25	30	35	40	50	60	70	80	100	115
3	4,5	0,750	H5	0/-0,006	H6	+0,008	x	x	x	x													
4	5,5	0,730		0/-0,008		0	x	x	x	x													
5	7			-0,010		+0,015		x	x	x													
6	8			-0,022		0			x	x	x												
8	10			-0,013					x	x	x												
10	12			-0,028					x	x	x	x											
12	14								x	x	x	x	x										
13	15	1,005				+0,018				x	x	x	x										
14	16	0,980				0				x	x	x	x										
15	17			-0,016						x	x	x	x										
16	18			-0,034						x	x	x	x	x									
17	19											x	x	x									
18	20											x	x	x									
20	22									x	x	x	x										
20	23					+0,021				x	x	x	x										
22	25	1,505	F7			0					x	x	x	x									
24	27	1,475									x	x	x	x									
24	28			-0,020							x	x	x	x									
25	28			-0,041							x	x	x	x	x				x				
28	32											x	x	x									
30	34	2,005									x	x	x	x									
32	36	1,970				+0,025					x	x	x										
35	39			-0,025		0					x	x	x	x									
40	44			-0,050							x	x	x	x									
45	50										x	x	x	x									
50	55										x	x	x	x	x								
55	60	2,505									x	x	x	x	x								
60	65	2,460		-0,030		+0,030					x	x	x	x									
65	70			-0,060		0					x	x	x	x									
70	75				H7														x	x	x	x	
75	80																		x	x	x	x	
80	85			0/-0,046															x	x	x	x	
85	90																			x	x	x	
90	95																			x	x	x	
95	100	2,490				+0,035														x	x	x	
100	105	2,440		0		0														x	x	x	
105	110			-0,054																x	x	x	
110	115																			x	x	x	
115	120																			x	x	x	
120	125																			x	x	x	
125	130																			x	x	x	
130	135																			x	x	x	
135	140					+0,040														x	x	x	
140	145					0														x	x	x	
145	150																			x	x	x	
150	155			0																x	x	x	
155	160		HB	-0,063																x	x	x	
160	165																			x	x	x	
165	170																			x	x	x	
170	175	2,465																		x	x	x	
175	180	2,415																		x	x	x	
180	185					+0,046														x	x	x	
200	205					0														x	x	x	
205	210																			x	x	x	
210	215																			x	x	x	
215	220			-0,072																x	x	x	
220	225																			x	x	x	
250	255					+0,050														x	x	x	
280	285			0		0														x	x	x	
300	305			-0,081																x	x	x	



TIPO/ TYPE	DB	DC	DA (±0,5)	H (0,25)	TIPO/ TYPE	DB	DC	DA (±0,5)	H (0,25)
BMF 06.04	6	8	12	4	BMF 15.17	15	17	23	17
BMF 06.07	6	8	12	7	BMF 16.12	16	18	24	12
BMF 06.08	6	8	12	8	BMF 16.17	16	18	24	17
BMF 08.05,5	8	10	15	5,5	BMF 18.12	18	20	26	12
BMF 08.07,5	8	10	15	7,5	BMF 18.17	18	20	26	17
BMF 08.09,5	8	10	15	9,5	BMF 18.22	18	20	26	22
BMF 10.07	10	12	18	7	BMF 20.11,5	20	23	30	11,5
BMF 10.09	10	12	18	9	BMF 20.16,5	20	23	30	16,5
BMF 10.12	10	12	18	12	BMF 20.21,5	20	23	30	21,5
BMF 10.17	10	12	18	17	BMF 25.11,5	25	28	35	11,5
BMF 12.07	12	14	20	7	BMF 25.16,5	25	28	35	16,5
BMF 12.09	12	14	20	9	BMF 25.21,5	25	28	35	21,5
BMF 12.12	12	14	20	12	BMF 30.16	30	34	42	16
BMF 12.17	12	14	20	17	BMF 30.26	30	34	42	26
BMF 14.12	14	16	22	12	BMF 35.16	30	34	42	16
BMF 14.17	14	16	22	17	BMF 35.26	35	39	47	26
BMF 15.09	15	17	23	9	BMF 40.26	40	44	53	26
BMF 15.12	15	17	23	12					



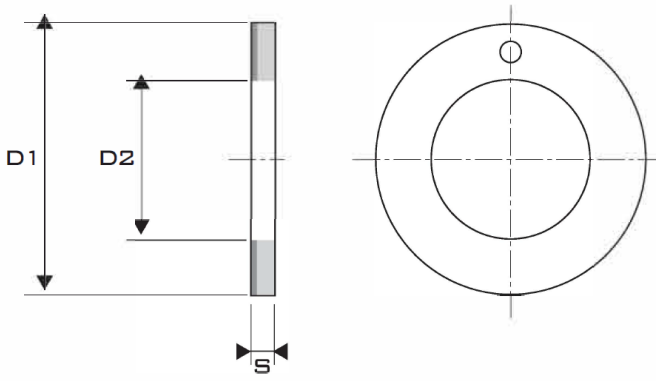


TABELLA DIMENSIONALE RALLE REGGISPINTA BM/BMX
DIMENSIONAL CHART STANDARD THRUST WASHER BM/BMX
TABLEAUX DIMENSIONNELS RONDELLES BM/BMX

TIPO/ TYPE	D2 +0,25	D1 -0,25	S -0,05
BMR 10.20	10	20	1,5
BMR 12.24	12	24	1,5
BMR 14.26	14	26	1,5
BMR 16.30	16	30	1,5
BMR 18.32	18	32	1,5
BMR 20.36	20	36	1,5
BMR 22.38	22	38	1,5
BMR 26.44	26	44	1,5
BMR 28.48	28	48	1,5
BMR 32.54	32	54	1,5
BMR 38.62	38	62	1,5
BMR 42.66	42	66	1,5
BMR 48.74	48	74	2
BMR 52.78	52	78	2
BMR 62.90	62	90	2