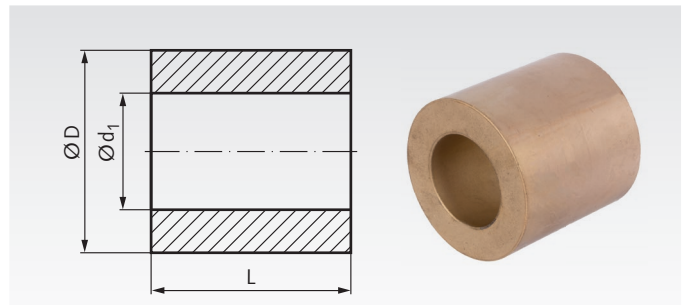


Raw Material of Sintered Bronze with Bore for Plain Bearing Production

Tube of sintered bronze to be machined into plain bearings.
 After machining, impregnation with oil is encouraged.
 Recommended oil type: Mineral oil ISO VG 68.
 Temperature of oil bath: + 60°C.
 Duration: 24 hours, afterwards cooling down in the oil bath.

Ordering Details: e.g.: Product No. 623 390 20, Raw Material, 38/66 x 65mm

Tube Product No.	d ₁ mm	D mm	L min. mm	Weight kg
623 390 20	38±0,8	66±1,5	65	0,99
623 390 25	38±0,8	66±1,5	120	1,84
623 390 30	45±0,8	105±1,5	120	5,68
623 390 35	53±1	85±1,5	65	1,51
623 390 37	53±1	85±1,5	120	2,79
623 390 55	59max.	125min.	80	5,11
623 390 60	59max.	125min.	140	8,95
623 390 38	68±1,5	104±1,5	65	2,12
623 390 40	68±1,5	104±1,5	120	3,91
623 390 65	79max.	149min.	80	6,72
623 390 70	79max.	149min.	140	11,56
623 390 45	83±1,5	123±2	65	2,82
623 390 47	83±1,5	123±2	120	5,21
623 390 48	98±1,5	142±2	65	3,61
623 390 50	98±1,5	142±2	120	6,66
623 390 75	110max.	178min.	80	8,24
623 390 80	110max.	178min.	140	14,43
623 390 85	150max.	202min.	140	13,48



Technical Data

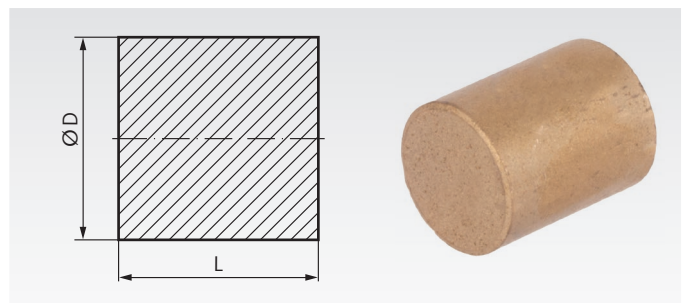
Surface pressure: max. 35 N/mm²,
 depending on speed and diameter.
 Maximum load: P*V = 2,5 MPA*m/s
 Density: ca. 6,4 - 6,8 g/cm³.
 Radial breaking strength: min. 120 N/mm².
 Hardness: min. 25 HB.
 Porosity: ≈ 25%.
 After reworking, impregnation with oil is encouraged.
 Temperature range: -20°C to +120°C.

Raw Material of Sintered Bronze without Bore for Plain Bearing Production

Solid of sintered bronze to be machined into plain bearings.
 After machining, impregnation with oil is encouraged.
 Recommended oil type: Mineral oil ISO VG 68.
 Temperature of oil bath: + 60°C.
 Duration: 24 hours, afterwards cooling down in the oil bath.

Ordering Details: e.g.: Product No. 623 395 20, Raw Material 15 x 30 mm

Solid Material Product No.	D mm	L min. mm	Weight kg
623 395 20	15±0,8	30	0,04
623 395 23	20±0,8	25	0,06
623 395 25	20±0,8	50	0,11
623 395 27	25±0,8	25	0,08
623 395 30	25±0,8	50	0,16
623 395 33	32±0,8	40	0,22
623 395 35	32±0,8	80	0,43
623 395 40	42±0,8	50	0,46
623 395 43	42±0,8	100	0,92
623 395 45	45±1	90	0,96
623 395 47	52±1	60	0,82
623 395 48	52±1	120	1,64
623 395 50	62±1,5	120	2,43
623 395 55	70±1,5	120	3,09
623 395 60	80±1,5	120	4,04
623 395 65	105±2	120	6,96
623 395 70	125min.	80	6,58
623 395 75	125min.	140	11,51
623 395 80	149min.	80	9,35
623 395 85	149min.	140	16,36
623 395 90	178min.	140	23,54
623 395 95	202min.	80	17,18



Technical Data

Surface pressure: max. 35 N/mm²,
 depending on speed and diameter.
 Maximum load: P*V = 2,5 MPA*m/s
 Density: ca. 6,4 - 6,8 g/cm³.
 Radial breaking strength: min. 120 N/mm².
 Hardness: min. 25 HB.
 Porosity: ≈ 25%.
 After reworking, impregnation with oil is encouraged.
 Temperature range: -20°C to +120°C.