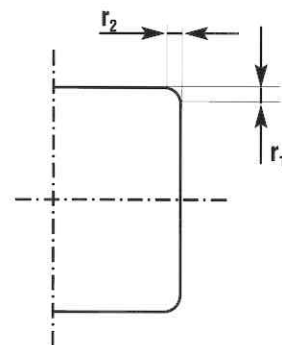
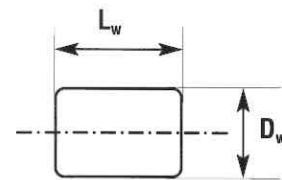


Cylindrical rollers according to DIN 5402 part 1

dimensions table, dimension in mm (extract from the production programme)

symbol f. e.	kg/ 1000 piece	dimensions	
		D_w	L_w
6,0 x 8,0	1,78	6,0	8,0
6,0 x 8,5	1,87	6,0	8,5
6,0 x 9,0	1,98	6,0	9,0
6,0 x 10,0	2,19	6,0	10,0
6,0 x 12,0	2,61	6,0	12,0
6,5 x 6,5	1,66	6,5	6,5
6,5 x 8,0	2,00	6,5	8,0
6,5 x 9,0	2,30	6,5	9,0
6,5 x 11,0	2,85	6,5	11,5
7,0 x 7,0	2,05	7,0	7,0
7,0 x 10,0	2,96	7,0	10,0
7,0 x 14,0	4,17	7,0	14,0
7,0 x 17,0	5,10	7,0	17,0
7,5 x 7,5	2,54	7,5	7,5
7,5 x 9,0	3,06	7,5	9,0
7,5 x 10,0	3,40	7,5	10,0
7,5 x 11,0	3,74	7,5	11,0
8,0 x 8,0	3,08	8,0	8,0
8,0 x 10,0	3,91	8,0	10,0
8,0 x 12,0	4,65	8,0	12,0
8,0 x 13,0	5,07	8,0	13,0
8,0 x 14,0	5,49	8,0	14,0
8,0 x 16,0	6,27	8,0	16,0
8,0 x 20,0	7,84	8,0	20,0
9,0 x 9,0	4,40	9,0	9,0
9,0 x 10,0	4,98	9,0	10,0
9,0 x 12,0	5,95	9,0	12,0
9,0 x 13,0	6,40	9,0	13,0
9,0 x 14,0	6,80	9,0	14,0
10,0 x 10,0	6,00	10,0	10,0
10,0 x 11,0	6,70	10,0	11,0
10,0 x 12,0	7,35	10,0	12,0
10,0 x 14,0	8,50	10,0	14,0



example order of a cylindrical roller

$D_w = 8$ mm, $L_w = 12$ mm

r_1 ; r_2 according to DIN 5402

ZR DIN 5402-8 x 12

resp. 8 x 12 G1

hardness of roller bearing steel

100 Cr6 (1.3505)

58 – 65 HRC (670 – 840 HV)