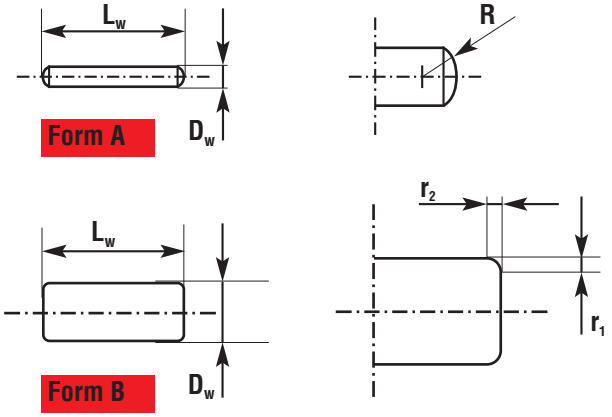

We produce needles in forms A and B.

example order of a needle roller D_w = 2 mm,

L_w = 15,8 mm, Form B, Grad 2
needle rollers according to DIN 5402 – B2 x 15,8 G2

edge distance r

D_w over	D_w up to	r_1 r_2 min.	r_1 max.	r_2[1]) max.
1,5	3	0,2	0,6	0,8
3	6	0,3	0,8	1

[1]) mean values; the crossover to the profiled case surface can only be determined approximately

R = between $\frac{D_w}{2}$ and $\frac{L_w}{2}$

Dimensional and form accuracy, sorts, roughness

grade	sorts[1]) µm			roundness[1]) t_{Dw} µm	roughness case surface R_a, µm
G2	0 -2	-1 -3	-2 -4	1	0,2
	-3 -5	-4 -6	-5 -7		
	-6 -8	-7 -9	-8 -10		
G5	0 -5	-3 -8	-5 -10	2,5	0,25
[1]) The values are valid in the middle of the needle roller.					

case profile according to DIN 5402 – part 3 or special dimensions on request.

Needles are divided according to their diameter. Each sort is packed separately and marked with the mean variations for the diameter.

hardness of roller bearing steel 100 Cr 6 (1.3505) 58 – 65 HRC (670 – 840 HV).

Other dimensions and materials on request