

## ZA Hardened ground steel

### - Hardened steel shaft for linear guiding

#### - Material:

CK55 hardened by high frequency  
( $60 \pm 3$  HRC)

- Hardened depth: 0.8 to 2.6mm, conforms to DIN 6773

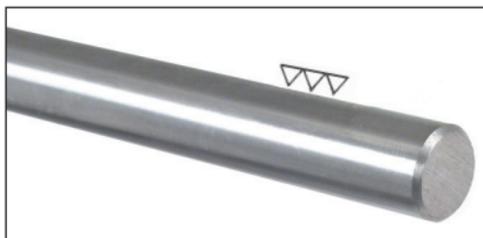
- Standard length 1000mm

- External diameter tolerance. h6

- Straightness  $t_3/1000$ mm

- Surface roughness  $R_a = 0.25\mu\text{m}$

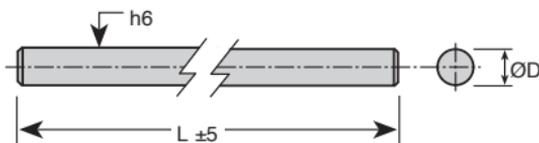
- Ends machined + deburred but not chamfered



### Options

- Available in 3mm and 4mm diameters, please contact us for details.

Please see following pages for details of machining options  
(tome 3 p.250-251)



For lengths greater than 1000mm, please contact us

### DISCOUNTS

Qty	1+	2+	4+	8+
Disc.	List	-15%	-20%	On request

Part number	Nominal ØD (h6)	Hardened depth (mm)	Circularity t1 (µm)	Cylindricity t2 (µm)	Straightness t3 (mm/m)	Standard length L (mm)	Max. length L (mm)	Weight (kg/m)	Stock*	Price each (for 1m)
Z-5-1000A	5	0,5-0,8	4	6	0,16	1000	3200	0,15	✓	37,59 €
Z-6-1000A	6	0,5-0,8	4	6	0,16	1000	3000	0,22	✓	31,63 €
Z-8-1000A	8	0,6-0,9	4	6	0,16	1000	3000	0,39	✓	14,19 €
Z-10-1000A	10	0,7-1,0	4	6	0,12	1000	4500	0,61	✓	18,94 €
Z-12-1000A	12	0,8-1,2	5	8	0,12	1000	6000	0,89	✓	22,11 €
Z-14-1000A	14	0,9-1,3	5	8	0,12	1000	6000	1,21	✓	31,63 €
Z-15-1000A	15	1,0-1,4	5	8	0,12	1000	6000	1,37	✓	31,63 €
Z-16-1000A	16	1,1-1,5	5	8	0,10	1000	6000	1,57	✓	27,20 €
Z-18-1000A	18	1,1-1,5	5	8	0,10	1000	6000	1,98	✓	41,15 €
Z-20-1000A	20	1,2-1,5	6	9	0,10	1000	6000	2,45	-	55,80 €
Z-25-1000A	25	1,5-1,7	6	9	0,10	1000	6000	3,83	✓	56,94 €
Z-30-1000A	30	1,5-1,9	6	9	0,10	1000	6000	5,51	✓	74,00 €
Z-40-1000A	40	1,6-2,0	7	11	0,10	1000	6000	9,80	✓	163,74 €
Z-50-1000A	50	2,2-2,6	7	11	0,10	1000	6000	15,30	-	206,18 €
Z-60-1000A	60	2,2-2,6	8	13	0,10	1000	6000	22,10	-	268,33 €
Z-80-1000A	80	2,2-2,6	8	13	0,10	1000	6000	39,20	-	481,73 €

\*Depending on availability - Dimensions in mm

- **Hardened steel shaft for linear guiding**
- Material: Stainless steel X90 CrMoV18 hardened by high frequency ( $55 \pm 3$  HRC)
- Hardened depth: 0.8 to 2.6mm, conforms to DIN 6773
- Standard length 1000mm
- External diameter tolerance h6
- Straightness  $t3/1000$ mm
- Surface roughness  $Ra = 0,25 \mu\text{m}$
- Ends machined + deburred but not chamfered

### Options

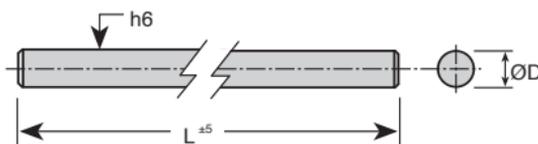
- Please contact us for details of machining options (tome 3 p.277)

### Advantages

- High resistance to corrosion and acids



For lengths greater than 1000mm please contact us



### DISCOUNTS

Qty	1+	2+	4+
Disc. List	-20%	-20%	On request

Part number	Nominal ØD (h6)	Treating depth (mm)	Circularity t1 (µm)	Cylindricity t2 (µm)	Straightness t3 (mm/m)	Standard length L (mm)	Max. length L (mm)	Weight (kg/m)	Stock*	Price each (for 1m)
Z-6-1000B	6	0,5-0,8	4	6	0,16	1000	3000	0,22	✓	71,26 €
Z-8-1000B	8	0,6-0,9	4	6	0,16	1000	3000	0,39	✓	56,97 €
Z-10-1000B	10	0,7-1,0	4	6	0,16	1000	4500	0,61	✓	66,51 €
Z-12-1000B	12	0,8-1,2	5	8	0,12	1000	6000	0,89	✓	66,51 €
Z-16-1000B	16	1,1-1,5	5	8	0,12	1000	6000	1,57	✓	134,53 €
Z-20-1000B	20	1,2-1,6	6	9	0,10	1000	6000	2,45	✓	157,10 €
Z-25-1000B	25	1,5-1,7	6	9	0,10	1000	6000	3,83	✓	237,65 €
Z-30-1000B	30	1,5-1,9	6	9	0,10	1000	6000	5,51	✓	348,57 €
Z-40-1000B	40	2,5-3,0	7	11	0,10	1000	3000	9,80	✓	538,76 €
Z-50-1000B	50	2,7-3,2	7	11	0,10	1000	3000	15,30	-	792,35 €

\*Depending on availability - Dimensions in mm