

# Drawn ground round bar



## MAT

## 100C6 steel bar

- Alloy tool steel for cold working, resists wear and fatigue but sensitive to shocks
- High toughness/ductility, low deformation after hardening (completely or just the surface by induction)
- Not recommended for welding
- Tolerance on diameter h7
- Materials:

100C6 steel (1.2067)  
In normalised, softened state  
Rm: 700/800 N/mm<sup>2</sup>  
Hardness: ≤ 217HB  
Density: 7.85

### Composition:

Carbon: 0.95 to 1.1%  
Manganese: 0.25 to 0.45%  
Silicon: 0.15 to 0.35%  
Chromium: 1.35 to 1.6%  
Sulphur (max): 0.015%  
Phosphorous (max): 0.025%

### Heat treatment:

Oil quenched between 825 and 875 °C

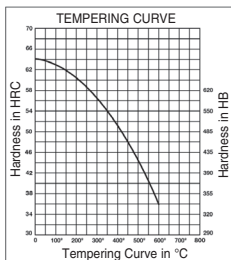
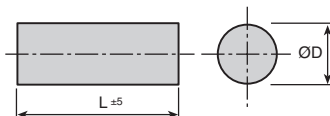
Excellent price/  
quality ratio

### Applications

- Dowel pins, punches, ejector pins, guide rods, bearings, files, drills, reamers

### Info

- Not sold individually, contact us for details



### DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-10%	On request

Part number	ØD (h7)	L	Weight (kg/m)	Stock*	Price each 1 to 5
MAT2-1000	2	1000	0,05	✓	2,23 €
MAT2,5-1000	2,5	1000	0,08	✓	8,00 €
MAT3-1000	3	1000	0,11	✓	2,50 €
MAT4-1000	4	1000	0,2	✓	2,74 €
MAT5-1000	5	1000	0,31	✓	6,37 €
MAT6-1000	6	1000	0,45	✓	3,76 €
MAT8-1000	8	1000	0,8	✓	4,24 €
MAT10-1000	10	1000	1,25	✓	6,27 €
MAT12-1000	12	1000	1,8	✓	9,04 €
MAT15-1000	15	1000	2,82	✓	13,35 €
MAT20-1000	20	1000	5,01	✓	23,73 €
MAT30-1000	30	1000	11,26	✓	53,45 €
MAT40-1000	40	1000	20,03	✓	95,02 €
MAT50-1000	50	1000	31,29	-	148,46 €

\* Depending on availability - Dimensions in mm

## Our other products



CHTRP

Single and dual output gearboxes, Up to 75,7 Nm



NT121

Spur gear coaxial gearbox, from 20 to 68 Nm - Inline



CHINV

Invisible hinge, Invisible - 90° opening



VPRA\_M

Handwheel with handle, Thermosetting plastic - stainless steel hub



BLHT70

Right angled gearbox, from 26 to 128 Nm



RPCpl

Swivel castor with double brake, Steel - Polyamide



CHA35

Hinge for aluminium profile, Hinge



GCL

Linear ball slide Eco Range, economy range



CHB

Feet, For CHB gearbox



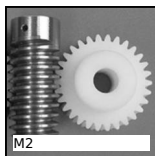
BPLF

Ball transfer unit light duty, Light



BSM\_LOK

Long-Lok spring plunger with internal hexagonal socket,



M2

Worm and wheel set, Machined plastic (delrin)

## Complementary products



JSM

Cylindrical polymer bush, Universal polymer



MET

Cylindrical sintered bronze bush, Self-lubricating sintered bronze