

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/mm²
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

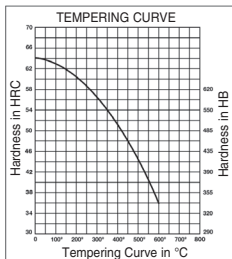
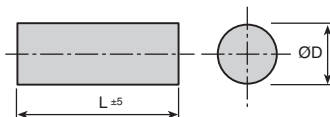
Excellent price/
quality ratio

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



MDB_MTB
Moulded plastic bevel gear (nylon), 2:1



ZBconique
Machined plastic bevel gear , 1:1



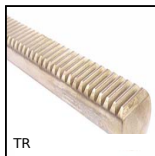
VRC2
Retaining clamp, dual sided, Dual sided



ACL-PLAngle
Joining plate for aluminium profile, Angle connection



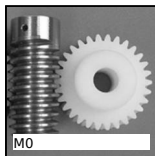
DOMI120
Domino 120 adjustable slide, Slide DOMILINE 120 with counter and han...



TR
Spur round rack, Stainless steel - module 0,25-1,5



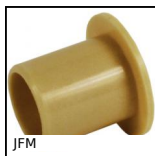
R203
Die spring ISO10243, Light



M0
Worm and wheel set, Machined plastic (delrin)



ZBconique
Machined plastic bevel gear , 1:1



JFM
Flanged polymer bush, Universal



VQTplqn
Quarter-turn clamp lock - Clamping plate,



PGMT
Pull handle, Steel

Complementary products



JSM
Cylindrical polymer bush, Universal polymer



MET
Cylindrical sintered bronze bush, Self-lubricating sintered bronze