

### PRECISION GROUND FLAT STOCK

MATERIAL:

AISI 01, 1.2510

Tool steel for cold processes

C= 0.95 Si= 0.20

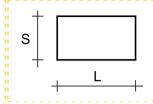
Mn= 1.20 Cr= 0.60

W = 0.60

V= 0.10

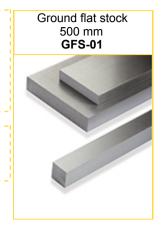
Example of designation:

GFS 25 x 8 x 500 - 01



s= thickness L= width

LENGHT: 500 mm



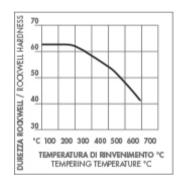
Width L	Thickness s	Description	Price VAT excl. Euro x100	% Price 1	Change 2	Package
25,00	1,50	GFS 25 X 1,5 X 500 - 01	26,00	-	-	1

#### **SUPPLIED**

Supplyed annealed Free of decarburization Maximum hardness obtainable 63 HRC

## **AVAILABLE DIMENSIONS**

Lenght 500 mm Section: see dimension table Thickness tolerance + 0,05 / -0,00 Width tolerance + 0,2 / -0,0 Lenght tolerance + 5 / -0



# **MATERIAL: AISI 01, 1.2510**

Tool steel for generic use, hardenable in oil, not subject to deformations.

Thermal treatment on this kind of tool steel for cold processes is less complicated than others at higher alloy.

# THERMAL TREATMENT:

### Hardening in oil

Preheat up to 300/500 °C before reaching hardness temperature of 780/820 °C.

### **Tempering**

proceed with temperatures between 150 °C and 350 °C according to the usage needs and referring to the tempering curve.

Ex. 1 hour at 150° = hardness HRC 63-64

Ex. 1 hour at 200° = hardness HRC 61-62

Ex. 1 hour at 250° = hardness HRC 58-60

Ex. 1 hour at 300° = hardness HRC 54-56

### **PACKAGING**

Bars are always supplied oiled and individually packaged to avoid and prevent damage during handling and transport.

# **APPLICATIONS**

Dies medium passage, tools for particular presses, punches for drawing, pins, bushes, bits for lathe, lathe jaws, engraving cutters, blades for tear-off machines, calibrated caps, threaded gauges and precision tools as cams, blade to cut the fabric, reamers, collets, knife cutters, cut strips, trimmers, expander rollers, plastic moulds, accessories for moulds and knives for wood processing.

Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.I. All rights reserved. No part of this web site may be reproduced in any form without express permission.

**GANDINI FASTENERS SRL** viale Pier Paolo Pasolini, 83 - 20099 Sesto S.Giovanni Milano Italy Tel. +39 02 241 047 250 Fax +39 02 241 047 74

Production and distribution of fasteners, fixing elements and mechanical parts
machining

GANDINI PASTENERS SRE viale Pier Paolo Pasolini, 83
Sesto San Giovanni Mi - Italy

**GANDINI FASTENERS SRL** Sesto San Giovanni Mi - Italy **Sales department** 250@gandini.it tel +39 02 241 047 250

Administration 350@gandini.it tel +39 02 241 047 350