

## 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 1000 - 01**



s= thickness  
L= width

LENGTH: 1000 mm

Ground flat stock  
1000 mm  
**GFS-01**



Width L	Thickness s	Description	Price VAT excl. Euro x100	% Price Change 1	% Price Change 2	Package
50,00	12,00	<b>GFS 50 X 12 X 1000 - 01</b>	<b>160,00</b>	-	-	1

### FEATURES

Supplied annealed

Free of decarburization

Max. Hardness 63 HRC

### AVAILABLE DIMENSIONS

Length 1000 mm

section: see dimension table

Thickness tolerance

+ 0,05 / -0,00

Width tolerance

+ 0,2 / -0,0

Length tolerance

+ 5 / -0



### MATERIAL: AISI 01 - Cold work tool steel

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 TREATMENTS:

#### Hardening in oil

Preheat at 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

Single package in order to protect bar 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.

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