

## PRECISION GROUND FLAT STOCK

### MATERIAL:

#### BS 1407

C= 1.1  
Si= 0.22  
Mn= 0.37  
Cr= 0.43  
P= < 0.45  
S= < 0.45

#### 1.2210, 115 Cr V3

C=1.10 ÷ 1.25  
Si= 0.15 ÷ 0.30  
Mn= 0.20 ÷ 0.40  
Cr= 0.50 ÷ 0.80  
V= 0.07 ÷ 0.12  
P= < 0.03  
S= < 0.03



LENGHT: 1000 mm

Example of designation:  
**CSS 3 x 1000**

Silver steel  
Ground bar  
1000 mm  
**CSS**



Diameter	Description	Price VAT excl. Euro x100	% Price Change 1 2	Package
50,00	<b>CSS 50 X 1000</b>	<b>600,00</b>	- -	1

### FEATURES

Supplied: annealed  
Hardness HB 207-237  
Tensile strenght 700 / 850 N/mm2

### DIAMETER TOLERANCE

> 25 mm +0 / 0,015  
< 25 mm +0 / 0,025

**MATERIAL:** BS 1407 o 1.2210, 115 Cr V3 according to stock availability

### SURFACE FINISH

Roughness < 0,6 micron

### THERMAL TREATMENT:

#### Hardening

In case of low carbon level, heat slowly up to 760-800 °C.

In case of high carbon level, maintain on minimum temperature. Leave the temperature uniforms. Then harden in well stirred (agited) water. Hardness reached after hardening: about 65-68 HRC. The approximate quench hardness is 65 to 68 Rc.

#### TEMPERING

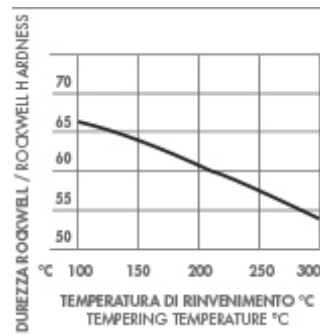
Proceed with temperatures between 180 °C and 350 °C according to the usage needs and referring to the tempering curve (see below).

### PACKAGING

Bars are protected from corrosion by applying a solution of lanolin.  
In addition, all bars are carefully packed to prevent damage during handling and transport.

### APPLICATIONS

Gauges, spindles, pins, various tools, punches, points, moulds accessories, e.t.c.



Technical informations are indicative and can be updated.

Copyright Gandini Fasteners S.r.l. 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 FASTENERS SRL**  
viale Pier Paolo Pasolini, 83  
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