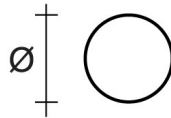


**PRECISION GROUND FLAT STOCK**
**MATERIAL:**
**BS 1407**

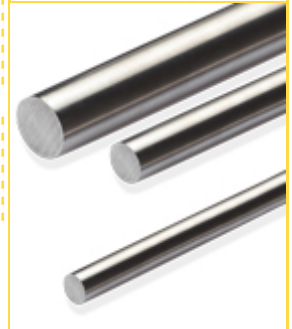
C= 1.1  
 Si= 0.22  
 Mn= 0.37  
 Cr= 0.43  
 P= < 0.45  
 S= < 0.45

**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		Package
			1	2	
24,00	<b>CSS 24 X 1000</b>	<b>130,00</b>	-	-	1

**FEATURES**

Supplied: annealed  
 Hardness HB 207-237  
 Tensile strenght 700 / 850 N/mm<sup>2</sup>

**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 &lt; 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**

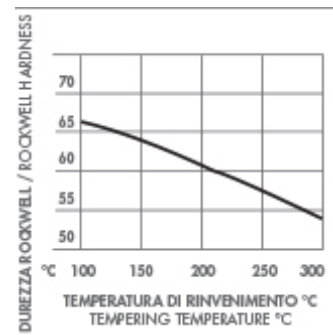
Proceed with temperatures between 180 °C and 350 °C according to the usage needs and referring to the tempering curve (see below).

**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.

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