

## TECHNICAL SHEET



## PEELED BARS (HOT BARS)

### Definition

Peeled and reeled bars are cold worked products with metal removal. As consequence of these workings the bars are free from surface defects.

### Diameters and Size Tolerances

<i>Diameter</i>	<i>Tolerance *</i>	<i>Ovalization</i>
20 – 101,60	h / k 10 - 11	1/2 of tolerance
* If required, other tolerances, J and K in the field 10 – 11 , are possible The ends of the bars can be underdimensioned for a maximum length of ½ diameter		

### Lengths and Tolerances

<i>Diameter **</i>	<i>Length ***</i>	<i>Tolerance STD</i>	<i>Tolerance Extra STD</i>	<i>Short bars****</i>
20 – 68,00	3-4-6 m	+200 -0	+100 -0	10 %
68,01–101,6	4-6 m			5 %

\*\* Progression diameters STD from 20 to 70,01 = 1 mm: from 71 to 100 = 5 mm. – Diameters in Inch STD.

\*\*\* Other fix length on request.

\*\*\*\* Short bars minimum 3 meters.

### Other characteristics

<i>Diameters</i>	<i>Roughness</i>	<i>Straightness*****</i>	<i>Bar's end</i>
STD	3 Ra	1 ‰	2 Cold heading
Ex - STD	2 Ra	0.8 ‰	1 Chamfering 45° 1 Cold heading

\*\*\*\*\* For austenitics / ferritics stainless steel, straightness 0,5 ‰ available on request

### Surface defects

Bars without surface defects.

Small mechanical defects, not detectable by Eddy Current test, ( maximum depth 0,1 mm ) can be present.

### SAP Identification

01PELtondi – toll h/k 10/11 – Stato superficiale= 1

### Packaging

Bundles min 1000 Kg.

3 tight bands per bundle, with identification label.(SS1)

Bundles wrapped in plastified cardboard, 3 tight bands per bundle, with identification label.(ES1)

Packaging type SS1 – ES1