

TECHNICAL SHEET



**PEELED & POLISHED BARS (PEL) OR ROUGH GROUND
BARS (SRE) (BRIGHT BAR)**

Definition			
Peeled and polished bars or rough ground bars are bright bars used for cold machining with a further mechanical polishing. Finishing code according to EN 10088-3 : 2B.			

Diameters and Size Tolerances			
<i>Finishing</i>	<i>Diameter</i>	<i>Tolerance *</i>	<i>Ovalization</i>
PEL	20 – 101,60	h 10	1/2 of tolerance
SRE	25 - 80	h 9	1/2 of tolerance

*If required, other tolerances, J and K in the field 9 – 10, are available

Lengths and Tolerances					
<i>Finishing</i>	<i>Diameter **</i>	<i>Length ***</i>	<i>Tolerance STD</i>	<i>Tolerance Extra STD</i>	<i>Short bars</i>
PEL/SRE	20 – 101,60	3-4-6 m	+200 -0	+100 -0	0

** 1 mm progression + diameter in inches.

*** If required, other fixed lengths are available.

Other characteristics				
<i>Finishing</i>	<i>Diameters</i>	<i>Roughness</i>	<i>Straightness</i>	<i>Bar's end ****</i>
PEL	20 – 101,60 h 10	Ra 1,2 µm	0.8 ‰	1 Chamfering 45° 1 Cold heading
SRE	25 – 80 h 9	Ra 1,5 µm	0.5 ‰	1 Chamfering 45° 1 Cold heading

**** Double chamfering is available upon request

Surface defects
Bars free from surface defects excepting both ends for the length of 15 mm that can have rolling marks and/or undersizing.

SAP Identification
01PELTONDI – toll h10 –
01SRETONDI – toll h 9 –

Packaging
Bundles for diameter from 20 to 50 min 500 Kg; for diameter from 51 to 101 min 1000 Kg. Bundles wrapped in plastified cardboard, 3 tight bands per bundle with separation rings and containing caps at the ends. Packaging type ES2