

SPRING STEEL WIRE FOR BEDDING & SEATING

Application :

These high carbon steel wires are used for the production of spring for mattresses and seats.

Standards :

These steel wires are produced in conformity with the following standards :

- BS 4637
- DIN 17223
- NFA 47301
- Customer Specifications

Production range :

Diameter (mm)	Tolerance on diameter (mm)	Maximum ovality (mm)	Tensile strength Kg / mm ²
1,18 - 1,90	± 0,02	0,02	165 - 185
			170 - 190
			190 - 210
			140 - 160
2,00 - 5,00	± 0,03	0,03	150 - 170
			160 - 180
			165 - 185
			170 - 190
			185 - 205



Pocket springs



Bonnell springs



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Chemical composition (%) :

C	Mn	Si	P	S
0,38 - 0,85	0,40 - 0,85	0,35 max	0,035 max	0,035 max

Surface state :

Coated with zinc phosphate.

Conditioning :

Type	Wire diameter (mm)	Dimensions			Height (Kg)	Binding with
		Inner ø (mm)	Outer ø (mm)	Height ø (mm)		
Coil	1,18 - 2,00	350	480	160	50	4 steel wires
	2,20 - 3,90	500	700	160	100 - 200	4 steel wires or 4 straps
	4,00 - 5,00	550	750	300	100 - 350	4 straps
Bobbin on carton tube	1,25 - 1,40	360 - 425	720 - 760	650 - 800	~ 500	4 straps
	2,20 - 2,50	360 - 425	720 - 760	650 - 850	600 - 800	4 straps

Protection :

- Wrapping by a plastic film.
- Oil layer