

HD



PRODUCT DESCRIPTION

This innerspring features a high number of MINIBONNEL springs (212springs/m²) which grant an excellent degree of rigidity, essential factor for an orthopedic mattress. With the additional application of a perimetral steel frame it is possible to obtain an extremely compact item.



SPRING STEEL WIRE

MATERIAL	DIMENSION	DIMENSIONAL TOLERANCES	MECHANICAL AND TECHNOLOGICAL FEATURES	
DESIGNATION	WIRE DIAMETER (mm)	SHIFTING LIMIT (mm)	TENSILE STRENGTH N/mm ²	Kgf//mm ²
WIRE 2.0	2.00	± 0.030	1720 ÷ 1970	175 ÷ 200
WIRE 1.9	1.90	± 0.030	1720 ÷ 1970	175 ÷ 200

CHEMICAL ANALYSIS			SHIFTINGS ALLOWED
CARBON	C	0.70%	± 0.04%
MANGANESE	Mn	0.55%	± 0.04%
SILICON	Si	0.25%	± 0.03%
PHOSPHORUS	P	0.010%	± 0.005%
SULPHUR	S	0.015%	± 0.005%

HELICAL STEEL WIRE

MATERIAL	DIMENSION	DIMENSIONAL TOLERANCES	MECHANICAL AND TECHNOLOGICAL FEATURES	
DESIGNATION	WIRE DIAMETER (mm)	SHIFTING LIMIT (mm)	TENSILE STRENGTH N/mm ²	Kgf//mm ²
WIRE 1.3	1.30	± 0.020	1670 ÷ 1970	170 ÷ 200

CHEMICAL ANALYSIS			SHIFTINGS ALLOWED
CARBON	C	0.45%	± 0.04%
MANGANESE	Mn	0.60%	± 0.04%
SILICON	Si	0.25%	± 0.03%
PHOSPHORUS	P	0.010%	± 0.005%
SULPHUR	S	0.015%	± 0.005%