



## Hot-Rolled Steel Wire Rod

## Wire Rod



## CHEMICAL COMPOSITION OF ROUND STEEL WIRE ROD GRADES (\*) (Wt%)

Grade	C max	Mn	S max	P max	P+S	B	N max
EN 10025 S235J2 (St 37)	0,19	1,50	0,040	0,040	-	-	0,012
SAE 1006**	0,08	0,25-0,45	0,040	0,040	-	-	0,012
SAE 1006 drawing**	0,06	0,25-0,40	0,035 (aiming 0,025)	0,035 (aiming 0,025)	aiming 0,060 max	-	0,012
SAE 1006-B drawing**	0,06	0,25-0,40	0,035 (aiming 0,025)	0,035 (aiming 0,025)	aiming 0,060 max	✓	0,012
SAE 1008**	0,10	0,30-0,50	0,040	0,040	-	-	0,012
SAE 1010**	0,08-1,13	0,30-0,60	0,040	0,040	-	-	0,012

**Typical Uses:** Assistant use in construction of buildings, bundle binding, reduction for wire making, black and galvanized wires, small nails, galvanized fencing mesh, etc.

(\*) Specific and detailed chemical composition including other elements (Si, Cr, Ni, Cu, etc) can be agreed upon and produced according to customer's request or according to other internationally recognized specification.

(\*\*) Upon Request.

## DIAMETERS, WEIGHT &amp; TOLERANCES

Nominal Diameter (mm)	Permissible Deviation (mm)	Nominal cross section (cm <sup>2</sup> )	Nominal Weight (kg/m)	Permissible out - of Roundness (mm)
5,5	-/+ 0,4	0,238	0,186	0,60
6,0	-/+ 0,4	0,283	0,222	
6,5	-/+ 0,4	0,332	0,260	
7,0	-/+ 0,4	0,385	0,302	0,60
(*) 8,0	-/+ 0,4	0,503	0,395	
(**) 10,0	-/+ 0,4	0,785	0,617	
(**) 12,0	-/+ 0,4	1,131	0,888	
(**) 14,0	-/+ 0,4	1,539	1,208	
(**) 16,0	-/+ 0,4	2,011	1,578	

(\*) It is also produced in Bars form, 12m long

(\*\*) Upon request can also be produced in bars form, 12m long