

CARBON STEELS FOR DRAWING, WIRES, P.C. WIRE AND MECHANICAL SPRINGS

They consist of steels used in many industrial applications and can be subjected to reduced or high percentages of drawability and have suitable surfaces for subsequent galvanic treatments. Our casting techniques guarantee restricted analytical dispersions, low concentration of S and P, non-metallic inclusion content and controlled axial segregation of the carbon. Careful control of the rolling and cooling parameters (Stelmor bed) guarantees the achievement of the mechanical characteristics and the degree of drawability required by customers.



Steel grade

| Steel grade | Corresponding standard | | | Average chemical composition | | | | |
|-------------|------------------------|------------|--------|------------------------------|------|------|------|------|
| | Werkstoff | ORI Martin | | C | Mn | Si | Cr | V |
| C | C60D2 | 1.1228 | MC6001 | 0,60 | 0,60 | 0,20 | - | - |
| | C68D2 | 1.1232 | MC6801 | 0,68 | 0,60 | 0,20 | - | - |
| | C70D2 | 1.1251 | MC7201 | 0,70 | 0,60 | 0,20 | - | - |
| | C80D2 | 1.1255 | MC8201 | 0,80 | 0,60 | 0,20 | - | - |
| | C86D2 | 1.1265 | MC8501 | 0,86 | 0,60 | 0,20 | - | - |
| | C92D2 | 1.1282 | MC9201 | 0,93 | 0,60 | 0,20 | - | - |
| Cr | C80+Cr | | MC8001 | 0,80 | 0,60 | 0,20 | 0,20 | - |
| Cr V | C80+CrV | | MC8002 | 0,82 | 0,75 | 0,22 | 0,25 | 0,07 |