

Cold work steel 1.2826 (60MnSiCr4)

Chemical composition:

C	Si	Mn	Cr
0,6	1	1,1	0,3

Characteristics:

Cold work steel with very good spring property, high robustness in heat-treated state, and high wear resistance.

Use:

Tongs and bridges, single shear blades and die plates, ejectors and inserts in plastic moulds that are in high risk of fracture due to their cross sections.

Hot forming and heat treatment:

Soft annealing:	700 – 740 °C/furnace
Stress relieving:	600 – 650 °C/furnace
Hardening:	820 – 850 °C/oil
Tempering:	160 – 500 °C