

Material No.	1.7220
US standard (AISI)	-
Abbreviation	34CrMo4
Old designation	-
Description	Carbon steel
Composition Alloy constituents [%]	■ C: 0.30 - 0.37 ■ Si: ≤ 0.40 ■ Mn: 0.60 - 0.90 ■ P: ≤ 0.025 ■ S: ≤ 0.035 ■ Cr: 0.90 - 1.20 ■ Mo: 0.15 - 0.30
Density [g/cm ³]	7.9
Yield point Rp0.2 / Re[N/mm ²]	≥ 550
Tensile strength Rm [N/mm ²]	800 - 950
Elongation after fracture A [%]	≥ 14
Machinability	good
Weldability	unsuitable
Heat treatment	possible
Other properties	-
Main uses	■ Cams, single ■ Cam clamps ■ Double clevis joints with threaded pin ■ Double cam levers