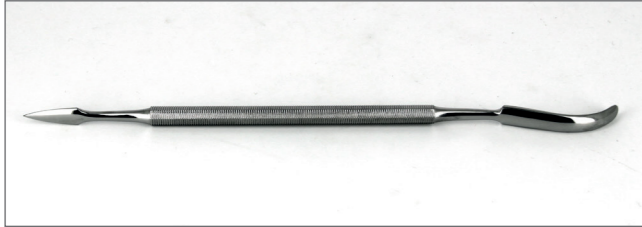


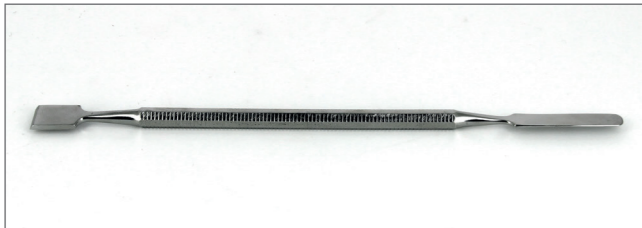
Spatulas



MPTSS1
Stainless steel spatula - Short pointed tip & long curved rounded tip



MPTSS2
Stainless steel spatula – Short rounded tip & large flat squared tip



MPTSS3
Stainless steel spatula – Short flat squared tip & long flat rounded tip



MPTSS4
Stainless steel spatula – Long curved pointed tip & long curved rounded tip



K4MPTSS
Stainless steel spatulas - Kit of four styles (MPTSS1, MPTSS2, MPTSS3, MPTSS4)

Material information

General notes:

- » **Martensitic higher carbon steel** (Material number 1.4021, AISI number 410)
- » The grade is basically an iron chromium alloy
- » Magnetizable
- » Good formability and ductility
- » It is a martensitic grade which exhibits good mechanical properties coupled with good corrosion resistance.

Composition

Component	Wt. %	Component	Wt. %	Component	Wt. %
C	≤0.15	Si	≤1.0	Mn	≤2.0
P	≤0.025	S	≤0.025	Cr	11.5-13.5

Mechanical properties

Density	7.70 Kg/dm³
Tensile strength, ultimate	586-655 MPa
0.2% Yield stress	≥420 MPa
Modulus of elasticity	200 GPa

Thermal properties

Coef. of lin. therm expansion	10.5 E-6/°C	20°C-100°C
Coef. of lin. therm expansion	11.5 E-6/°C	20°C-300°C
Specific heat capacity	0.46 J/(g K)	20°C
Thermal conductivity	30 W/(m K)	20°C

Electrical properties

Resistivity	0.06 E-6 Ohm.m
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