

Parmaco Material Overview

Parmaco Metal Injection Molding AG

Fischingerstrasse 75

CH-8376 Fischingen

Tel. +41/ (0) 71 977 21 41, Fax +41/ (0) 71 977 21 22

www.parmaco.com



Materials	AISI	DIN	DIN W.Nr.	ISO	Composition
Low alloyed steels					
Parmaco 2NiFe					2% Ni, Rest Fe
Parmaco 2NiSiFe					2% Ni, 0.3% Si, Rest Fe
Parmaco 7NiFe					7% Ni, Rest Fe
Parmaco 4340	4340	40NiCrMo6	1.6565		0.5% Cr, 1.8% Ni, 0.25% Mo, 0.4% C, Rest Fe
Parmaco 100Cr6		100Cr6	1.2067		1.5% Cr, 1% C, Rest Fe
High speed steel					
Parmaco M2	M2	S 6-5-2	1.3343		6% W, 5% Mo, 4% Cr, 2% V, 1% C, Rest Fe
Ferritic stainless steels					
Parmaco 17/4PH	17/4PH	X5CrNiCuNb174	1.4542		17% Cr, 4% Ni, 3.6% Cu, 0.2% Nb, max 0.03% C, Rest Fe
Ferritic/martensitic stainless steels					
Parmaco 410	410	X15Cr13	1.4124		13% Cr, 0.15% C, Rest Fe
Parmaco 430F	430F	X12CrMo17	1.4104		17% Cr, 1% Si, 1.2% Mn, 0.5% Mo, 0.12% C, Rest Fe
Martensitic stainless steels					
Parmaco 420	420	X46Cr13	1.4034		13% Cr, 0.5% C, Rest Fe
Parmaco 440C	440C	X105CrMo17	1.4125		17% Cr, 0.5% Mo, 1% C, Rest Fe
Austenitic stainless steels					
Parmaco 316L	316L	X2CrNiMo17132	1.4404		17% Cr, 13% Ni, 2% Mo, max0.02% C, Rest Fe
Heat resistant austenitic stainless steels					
Parmaco HK30	HK30		similar 1.4841		25% Cr, 20% Ni, 1.5% Si, 0.3% C, Rest Fe
Parmaco 1.4841	310	X15CrNiSi2520	1.4841		25% Cr, 20% Ni, 1.5% Si, 0.15% C, Rest Fe
Expansion controlled alloys					
Parmaco 36NiFe					36% Ni, Rest Fe
Parmaco Kovar					29% Ni, 17% Co, Rest Fe
Soft magnetic alloys					
Parmaco 3SiFe					3% Si, Rest Fe
Parmaco 50NiFe					50% Ni, Rest Fe
Parmaco 80NiFe					80% Ni, Rest Fe
Hard metals					
Parmaco K10				K10	94%WC, 6% Co
Parmaco K40				K40	89% WC, 11% Co