



## P.I. CASTINGS LTD

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### NICKEL AND COBALT BASED ALLOYS

(P) = Proprietary Alloy and/or Registered Trade Mark

<b>STELLITE TYPE (P)</b>	Co/Cr alloys for heat, corrosion and wear resistant parts. Various specifications including BS3146 ANC 13 and 14
<b>HASTELLOY TYPE (P)</b>	Ni alloys, resistant to corrosion, acids and heat. Various specifications including BS3146 ANC 15, 16 and 17

### ALLOYS FOR MAGNETIC USE

<b>BS 3100 AM1</b>	Low Carbon "Swedish" iron for Solenoid and Armature Cores
<b>50/50</b>	50% Nickel, 50% Iron Magnetic Alloy

### TOOL STEELS

AISI TOOL STEEL	TYPE	NOMINAL CHEMICAL COMPOSITION %					
		C	Cr	Mo	W	V	Co
D3	2% C-Cr Die Steel	2.0	12.0	0.3	-	-	-
D5	1½ % C-Cr Die Steel	1.5	13.0	1.5	-	-	3.5
A2	C-Cr-Mo Air Hardening Steel	1.0	5.0	1.0	-	0.5	-
L3	1% C Low Alloy Steel	1.0	1.5	-	0.5	0.3	-
H12	Cr-Mo Hot Work Steel	0.4	5.0	1.0	1.0	0.3	-
M2	Mo High Speed Steel	1.0	4.0	5.0	6.0	2.0	-
440C	18% Cr Corrosion Resistant Steel	1.0	18.0	0.5	-	-	-