

## Heatproof cast steel

Material Name	Type	ASTM Designation	Chemical Composition (wt.%)							
			C	Si (Max)	Mn (Max)	P (Max)	S (Max)	Ni	Cr	Others
HF	19Cr-9Ni	ASTM A608 HF30	0.25/0.35	2.0	1.5	0.03	0.03	9.0/12.0	19.0/23.0	Mo < 0.5
HH	25Cr-12Ni	ASTM A608 HF30	0.25/0.35	2.0	1.5	0.03	0.03	11.0/14.0	24.0/28.0	Mo < 0.5
HK	25Cr-20Ni	ASTM A608 HK40	0.35/0.45	1.75	1.5	0.03	0.03	19.0/22.0	23.0/27.0	Mo < 0.5
Mod.HK	23.5Cr-22.5Ni		0.40/0.45	1.2	1.0	0.03	0.03	21.0/23.0	23.0/25.0	Mo < 0.5
HiSi-HK	25Cr-20Ni-Si		0.40/0.60	1.5/2.2	1.5	0.03	0.03	19.0/23.0	23.0/27.0	Mo < 0.5
HS	24Cr-24Ni-Nb		0.25/0.35	1.0	1.0	0.03	0.03	23.0/25.0	23.0/25.0	Nb=1.4/1.8, Mo < 0.5
Mod.HS	23Cr-26Ni-Nb		0.30/0.40	1.0	1.0	0.03	0.03	24.0/28.0	23.0/25.0	Nb=1.0/1.8, Mo < 0.5
HT	15Cr-35Ni	ASTM A608 HT50	0.40/0.60	2.0	1.5	0.03	0.03	33.0/37.0	15.0/19.0	Mo < 0.5
HU	19Cr-39Ni	ASTM A608 HT50	0.40/0.60	2.0	1.5	0.03	0.03	37.0/41.0	17.0/21.0	Mo < 0.5
HP	25Cr-35Ni	ASTM A297	0.40/0.60	1.75	1.5	0.03	0.03	33.0/37.0	24.0/28.0	Mo < 0.5
HO	27Cr-29Ni		0.40/0.60	1.75	1.5	0.03	0.03	27.0/31.0	25.0/29.0	Mo < 0.5
HiSi-HP	25Cr-35Ni-Si		0.40/0.60	1.5/2.2	1.5	0.03	0.03	33.0/37.0	23.0/27.0	Mo < 0.5
HP-Nb	25Cr-35Ni-Nb		0.35/0.45	2.0	1.5	0.03	0.03	33.0/37.0	23.0/27.0	Nb=0.7/1.5, Mo < 0.5
HiSi-HP-AA	29Cr-34Ni-Si		0.45/0.55	1.5/2.0	1.5	0.03	0.03	32.0/36.0	27.0/31.0	W 2, Mo 1, Nb 1, Ti 0.2
HOS	28Cr-28Ni-Co-W		0.40/0.60	1.5/2.0	2.0	0.03	0.03	26.0/30.0	26.0/30.0	Co=2.0/3.0, W=1.0/2.0, Mo < 0.5
HV	28Cr-48Ni-W		0.40/0.60	2.0	1.5	0.03	0.03	46.0/50.0	26.0/30.0	W=4.0/6.0, Mo < 0.5
HZ	25Cr-35Ni-Co-W		0.40/0.60	2.0	2.0	0.03	0.03	33.0/37.0	24.0/28.0	Co=13.0/17.0, W=4.0/6.0, Mo < 0.5