

# CASTING



## Alloy & steel casting

### Applications-

- Power plants
- Cement plants
- Slurry pump
- Paper & pulp industry

Features	Benefits
1.Low carbon	Strong and stiff
2.Corrossion resistant	Corrossion free even when exposed directly to water
3.Heat resistant	Can be used at high temperature places
4.Chemical resistant	Does not react with chemicals

### Chemical composition

Grades	T.C%	Si%	Cr%	Mn%	Ni%	Mo%	BHN
A532-IA	2.7-3.6	0.8 max	1.4-4.0	2.0 max	3.3-5.0	1.0 max	550/600
A532-ID	2.5-3.6	2.0 max	7.0-11.0	2.0 max	4.5-7.0	1.5 max	550/600
A532-IIA	2.0-3.3	1.5 max	14.0-18.0	2.0 max	2.5 max	3.0 max	600/650
A532-IID	2.0-3.3	1.0-2.2	18.0-23.0	2.0 max	2.5 max	3.0 max	600/650
A532-IIIA	2.0-3.3	1.5 max	23.0-30.0	2.0 max	2.5 max	3.0 max	600/650

