



MELCO PRECISIONS PVT. LTD.

An ISO 9001:2000
Certified Company

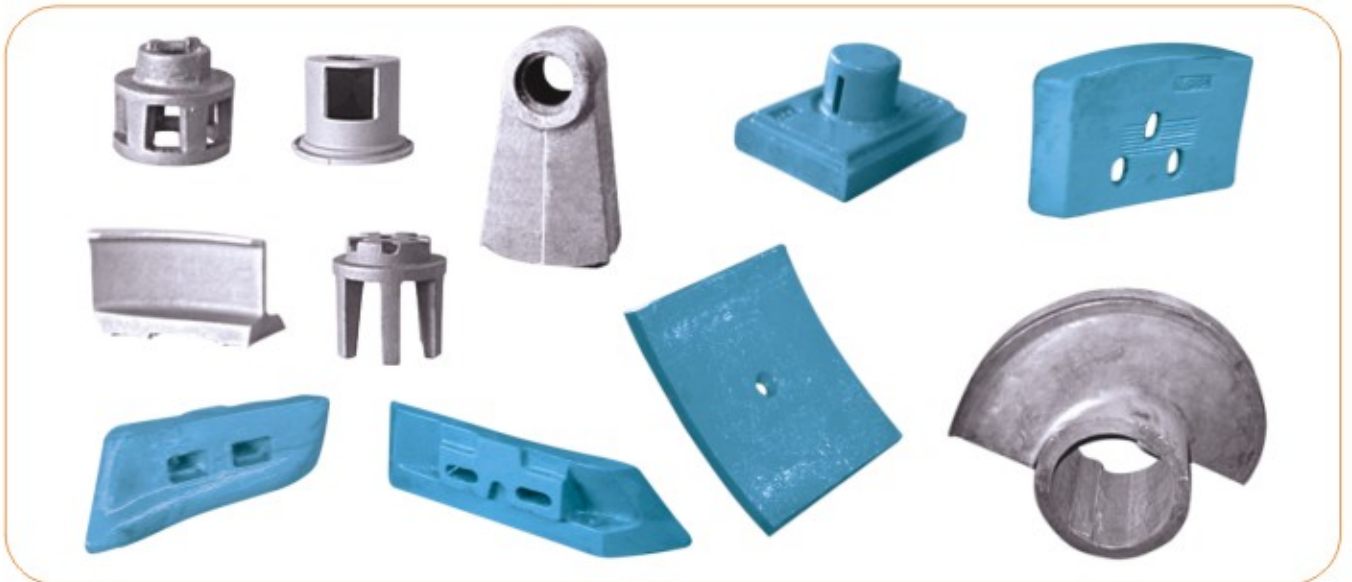
Typical Composition Of Wear Resistant Alloy Castings

HI-CHROME

MELCO LOY No.	T.C. %	Si %	Mn %	NI %	Cr %	Mo %	Hardness	ASTM Spec.	BS4844
MPW-1	2.8-3.6	0.8Max.	2.0Max.	3.3-5.0	1.4-4.0	1.0Max.	550-600	A-532-IA	2A
MPW-2	2.4-3.0	0.8Max.	2.0Max.	3.3-5.0	1.4-4.0	1.0Max.	550-600	A-532-IB	2B
MPW-3	2.5-3.7	0.8Max.	2.0Max.	4.0Max.	1.0-2.5	1.0Max.	550-600	A-532-IC	-
MPW-4	2.5-3.6	2.0Max.	2.0Max.	4.5-7.0	7.0-11.0	1.5Max.	550-600	A-532-ID	2C, 2D, 2E
MPW-5	2.0-3.3	1.5Max.	2.0Max.	2.5Max.	11.0-14.0	3.0Max.	600-650	A-532-IIA	3F / 3G
MPW-6	2.0-3.3	1.5Max.	2.0Max.	2.5Max.	14.0-18.0	3.0Max.	600-650	A-532-IIB	3A
MPW-7	2.8-3.6	1.0Max.	2.0Max.	0.5-1.0	14.0-18.0	2.3-3.5	600-650	A-532-IIC	3B
MPW-8	2.0-3.3	1.0-2.2	2.0Max.	2.5Max.	18.0-23.0	3.0Max.	600-700	A-532-IID	3C
MPW-9	2.6-3.2	1.0	2.0Max.	1.5-2.0	18.0-23.0	1.0-2.0	600-700	A-532-IIE	-
MPW-10	2.0-3.3	1.5Max.	2.0Max.	2.5Max.	23.0-30.0	3.0Max.	600-700	A-532-IIIA	3D

MANGANESE STEEL

MELCO LOY No.	C %	Mn %	Si %	S %	P %	Cr %	Mo %	NI %	IS 276-2000 Grade
MPW-11	1.05-1.35	11.0-14.0	1.0	0.08	0.025	-	-	-	1
MPW-12	0.09-1.05	11.5-14.0	1.0	0.08	0.025	-	-	-	2
MPW-13	1.05-1.35	11.5-14.0	1.0	0.08	0.025	1.5-2.5	-	-	3
MPW-14	0.70-1.30	11.5-14.0	1.0	0.08	0.025	-	-	3.0-5.0	4
MPW-15	1.05-1.45	11.5-14.0	1.0	0.08	0.025	-	1.8-2.1	-	5
MPW-16	1.05-1.35	16.0-19.0	0.30-0.90	0.08	0.025	-	-	-	6
MPW-17	1.05-1.35	16.0-19.0	0.30-0.90	0.08	0.025	1.5-2.5	-	-	7



Website: www.melcocastings.com

Cast Wear Components



Castings for Wear applications

Aggregate Processing / RMC / Shot Blasting components

Wear Parts for Stone Crushers

- Jaw Crusher Parts - Jaw Plates etc.
- Cone Crusher Parts - Cone, Mantles etc
- Horizontal Shaft Impactor (HSI) Parts - Blowbars, Impact Plates, Wear Plates etc
- Vertical Shaft Impactor (VSI) Parts - Anvils, Clad Rotor parts etc.

Ready Mix Concrete (RMC) Wear Parts

Shot Blasting Machine Wear Parts

Melco has developed a range of alloys highly resistant to wear and mechanical stress : Improved Manganese Steels, Hi Chrome Cast Irons, Composite Solutions and Martensite Steels.

Benefits of using Melco's Aggregate Processing and crusher parts :

- Longer life and better production
- Less risk of premature failure.
- Less downtime.
- Guarantee for proper fit, performance and customer satisfaction.
- Lower cost per ton of material produced.