

ABRASION-RESISTANT CAST IRONS ASTM A532-1990

Class	Type	Designation	Carbon	Manganese	Silicone	Nickel	Chromium	Molybdenum	Copper	Phosphorus	Sulfur
I	A	Ni-Cr-HC	2.8-3.6	2.0 max.	0.8 max	3.3-5.0	1.4-4.0	1.0 max	...	0.3 max	0.15 max
I	B	Ni-Cr-LC	2.4-3.0	2.0 max	0.8 max	3.3-5.0	1.4-4.0	1.0 max	...	0.3 max	0.15 max
I	C	Ni-Cr-GB	2.5-3.7	2.0 max	0.8 max	4.0 max	1.0-2.5	1.0 max	...	0.3 max	0.15 max
I	D	Ni-Hi-Cr	2.5-3.6	2.0 max	2.0 max	4.5-7.0	7.0-11.0	1.5max10max	0.15 max
II	A	12% Cr	2.0-3.3	2.0 max	1.5 max	2.5 max	11.0-14.0	3.0max	1.2 max	.10max	.06 max
II	B	15% Cr-Mo	2.0-3.3	2.0 max	1.5 max	2.5 max	14.0-18.0	3.0max	1.2 max	.10max	.06 max
II	D	20% Cr-Mo	2.0-3.3	2.0 max	1.0-2.2	2.5 max	18.0-23.0	3.0max	1.2 max	.10max	.06 max
III	A	25% Cr	2.0-3.3	2.0 max	1.5 max	2.5 max	23.0-30.0	3.0max	1.2 max	.10max	.06 max

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