



Prakash Steel Corporation

Dealers & Stockists In : Alloys & Special Steel

Cold Work Steels

These are categories of steel having high surface hardness, good toughness and compressive strength, high wear resistance and hence used for cutting and pressing tools, cavity moulds, knives, hobbing and drawing tools, cavity-sinking punches, flat and circular thread-rolling dies, and much more.

Application

Cutting dies, Heavy duty cutting and Punching tools, Milling cutters, Reamers, Calipers, Tapping dies, Measuring tools, etc.

Grade	%	C	Mn	Si	Cr	Mo	V	W	S	P	Co
AISI O1	Min	0.85	1.00	0.20	0.40	—	Max	0.40	Max	Max	—
	Max	0.95	1.30	0.40	0.60	—	0.20	0.60	0.015	0.020	—
AISI D2 (DIN 1.2379)	Min	1.40	0.30	0.30	11.0	0.70	0.90	—	Max	Max	Max
	Max	1.60	0.50	0.50	13.0	1.20	1.10	—	0.015	0.020	0.60
AISI D3 (DIN 1.2080)	Min	2.00	0.24	0.25	11.00	—	Max	Max	Max	Max	—
	Max	2.35	0.45	0.45	13.00	—	0.80	0.75	0.015	0.020	—