

Nominal Chemistries for Cold Work Tool Steels

Grade	Carbon	Chromium	Molybdenum	Manganese	Vanadium	Tungsten	Silicon	Cobalt	Other
O1	0.90	0.50	===	1.20	===	0.50	0.30	===	===
L6	0.70	0.90	===	0.60	===	===	0.30	===	===
S5	0.60	0.30	0.85	0.80	0.25	===	2.00	===	===
S7	0.50	3.25	1.50	0.55	===	===	0.60	===	===
A2	1.00	5.10	1.25	0.70	0.35	===	0.35	===	===
D2	1.50	12.0	0.95	0.35	0.80	===	0.35	===	===
SB Wear	1.10	7.50	1.60	0.35	2.30	1.20	1.10	===	===
PSB 22	1.00	8.00	2.00	0.40	0.20	===	1.00	===	===
PSF 27	1.55	12.0	0.85	0.35	1.00	===	0.25	===	===
PD #1	1.10	7.75	1.60	0.35	2.35	1.10	1.15	===	===
PM A11	2.45	5.25	1.30	0.50	9.75	===	0.90	===	===
PM 9	1.85	5.25	1.30	0.50	9.00	===	0.90	===	===
M2	0.85	4.25	5.00	0.35	2.00	6.15	0.35	===	===
PM M4	1.50	4.25	5.00	0.70	3.75	5.60	0.65	===	===
PM T15	1.60	4.25	===	0.50	4.75	12.25	0.35	5.00	===

Note: Chemistries are for general reference only. Each element has a range and will vary from heat to heat.