

Steel Chart

STEEL	Carbon	Chromium	Cobalt	Copper	Manganese	Molybdenum	Nickel
0-1	0.85-1.00	0.40-0.60	—	—	1.00-1.40	—	0.30
W-1	0.70-1.50	0.15	—	—	0.10-0.40	0.10	0.20
A-2	0.95-1.05	4.75-5.50	—	—	1.00	0.90-1.40	0.30
D-2	1.40-1.60	11.00-13.00	—	—	0.60	0.70-1.20	0.30
M-2	0.95-1.05	3.75-4.50	—	—	0.15-0.40	4.75-6.50	0.30
W-2	0.85-1.50	0.15	—	—	0.10-0.40	0.10	0.20
L-6	0.65-0.75	0.60-1.20	—	—	0.25-0.80	0.50	1.25-2.00
1095	0.90-1.03	—	—	—	0.30-0.50	—	—
5160	0.56-0.64	0.70-0.90	—	—	0.75-1.00	—	—
420	0.15	12.00-14.00	—	—	1.00	—	—
420 MODIFIED	0.40-0.50	12.00-14.00	—	—	0.80	0.60	—
425 MODIFIED	0.40-0.54	13.50-15.00	—	—	0.50	0.60-1.00	—
440A	0.65-0.75	16.00-18.00	—	—	1.00	0.75	—
440B	0.75-0.95	16.00-18.00	—	—	1.00	0.75	—
440C	0.95-1.20	16.00-18.00	—	—	1.00	0.75	—
440XH	1.60	16.00	—	—	0.50	0.80	0.35
AUS-6	0.55-0.65	13.00-14.50	—	—	1.00	—	0.49
AUS-8	0.70-0.75	13.00-14.50	—	—	0.50	0.10-0.30	0.49
AUS-10	0.95-1.10	13.00-14.50	—	—	0.50	0.10-0.31	0.49
GIN-1*	0.90	15.50	—	—	0.60	0.30	—
ATS-34	1.05	14.00	—	—	0.40	4.00	—
154CM	1.05	14.00	—	—	0.50	4.00	—
ATS-55	1.00	14.00	0.40	0.20	0.50	0.60	—
VG-10	0.95-1.05	14.50-15.50	1.30-1.50	—	0.50	0.90-1.20	—
BG-42	1.15	14.50	—	—	0.50	4.00	—
MBS-26	0.85-1.00	13.00-15.00	—	—	0.30-0.60	0.15-0.25	—
MRS-30	1.12	14.00	—	—	0.50	0.60	—
CPM(T)440V**	2.15	17.00	—	—	0.40	0.40	—
CPM 420-V**	2.30	14.00	—	—	—	1.00	—
CPM 10V**	2.45	5.25	—	—	0.50	1.30	—
CPM 3V**	0.80	7.50	—	—	—	1.30	—
SANDVIK 12C27	0.60	14.00-14.50	—	—	0.35	—	—
HITACHI SHIROGAMI 1	1.30	—	—	—	0.20	—	—
VASCOWEAR	1.12	7.75	—	—	0.30	1.60	—

STEEL	Phosphorus	Silicon	Sulphur	Tungsten	Vanadium
0-1	—	0.50	—	—	0.30
W-1	—	0.10-0.40	—	0.50	0.10
A-2	—	0.50	—	—	0.15-0.50
D-2	—	0.60	—	—	1.10
M-2	—	0.20-0.45	—	5.00-6.75	2.25-2.75
W-2	—	0.10-0.40	—	0.15	0.15-0.35
L-6	—	0.50	—	—	0.20-0.30
1095	0.04	—	0.05	—	—
5160	0.035	0.15-0.30	—	—	—
420	0.04	1.00	0.03	—	—
420 MODIFIED	0.05	1.00	0.02	—	0.18
425 MODIFIED	0.035	0.80	0.03	—	0.10
440A	0.04	1.00	0.03	—	—
440B	0.04	1.00	0.03	—	—
440C	0.04	1.00	0.03	—	—
440XH	—	0.40	—	—	0.45
AUS-6	0.04	1.00	0.03	—	—
AUS-8	0.04	1.00	0.03	—	0.10-0.26
AUS-10	0.04	1.00	0.03	—	0.10-0.27
GIN-1*	0.02	0.37	0.03	—	—
ATS-34	0.03	0.35	0.02	—	—
154CM	—	0.30	—	—	—
ATS-55	—	0.40	—	—	—
VG-10	0.03	0.60	—	—	0.10-0.30
BG-42	—	0.30	—	—	1.20
MBS-26	0.04	0.65	0.01	—	—
MRS-30	—	1.00	—	—	0.25
CPM(T) 440V**	—	0.40	—	—	5.50
CPM 420V**	—	—	—	—	9.00
CPM 10V**	—	0.90	0.07	—	9.75
CPM 3V**	—	—	—	—	2.75
SANDVIK 12C27	—	0.35	—	—	—
HITACHI SHIROGAMI 1	0.025	0.10	0.04	—	—
VASCOWEAR	—	1.20	—	1.10	2.40

*GIN-1 (Gingami 1) is the accurate manufacturer's reference name for this steel.
GIN-1 is also known as G-2.

**The process used to manufacture particle metallurgy permits unusually high carbon and vanadium content.