

Material Group	Lamina Group	Material Example	Hardness	Vc		Passes	
				min [m/mm]	max [m/mm]	min	max
Non Alloyed	1	C35, Ck45, 1020, 1045, 1060, 28Mn6	125 HB	120	200	7	13
			190 HB	110	180	7	13
			250 HB	100	170	7	13
Low Alloyed	2	42CrMo4, St50, Ck60, 4140, 4340, 100Cr6	180 HB	100	170	7	13
			230 HB	100	170	7	13
			280 HB	70	120	7	13
High Alloyed	3	X40CrMoV5, H13, M42, D3, S6-5-2, 12Ni19	350 HB	60	90	7	13
			220 HB	100	170	7	13
			280 HB	100	170	7	13
Austentic	4	304, 316, X5CrNi18-9	320 HB	70	120	7	13
			350 HB	60	90	7	13
			180 HB	70	140	7	13
Duplex	5	X2CrNiN23-4, S31500	240 HB	80	120	7	13
			290 HB	50	110	7	13
Ferritic & Martensitic	6	410, X6Cr17, 17-4 PH, 430	310 HB	50	110	7	13
			200 HB	70	140	7	13
Grey	7	GG20, GG40, EN-GJL-250, N030B	388 HB	50	110	7	13
			150 HB	70	150	7	13
			200 HB	100	140	7	13
Malleable & Nodular	8	GGG40, GGG70, 50005	250 HB	70	120	7	13
			150 HB	70	150	7	13
			200 HB	100	140	7	13
Fe, Ni & Co Based	9	Incoloy 800	250 HB	30	50	7	13
			240 HB	40	60	7	13
			350 HB	20	35	7	13
Steel Chilled Cast Iron White Cast Iron	11	X100CrMo13, 440C, G-X260NiCr42	419 HB	25	50	7	13
			469 HB	25	50	7	13
			552 HB	25	35	7	13
			400 HB	25	35	7	13
Al (>8%Si)	12	AlSi12	552 HB	25	35	7	13
			130 HB	100	400	7	13



Steel



Stainless steel



Cast iron



High temp alloys



Hardened material



ALU