

# MATERIAL CROSS REFERENCE CHART

## Cast Iron

CLASS	USA AISI / SAE	JAPAN JIS	CHINA GB	UK BS	GERMANY DIN	FRANCE NF	RUSSIA ГОСТ
GRAY CAST IRON	NO.20	FC100	HT100	100			CY10
	NO.30	FC150	HT150	150	GG15	FGL150	CY15
	NO.35	FC200	HT200	200	GG20	FGL200	CY20
	NO.45	FC250	HT250	250	GG25	FGL250	CY25
	NO.50	FC300	HT300	300	GG30	FGL300	CY30
	NO.60	FC350	HT350	350	GG35	FGL350	CY35
					GG40	FGL400	CY40
NODULAR CAST IRON	60-40-18	FCD400	QT400-18	400/17	GGG40	FGS370-17	BY40
	65-45-12	FCD450	QT450-10	420/12		FGS400-12	BY45
	70-50-05	FCD500	QT500-7	500/7	GGG50	FGS500-7	BY50
	80-60-03	FCD600	QT600-3	600/7	GGG60	FGS600-2	BY60
	100-70-03	FCD700	QT700-2	700/2	GGG70	FGS700-2	BY70
	120-90-02	FCD800	QT800-2	800/2	GGG80	FGS800-2	BY80
			QT900-2	900/2			BY100

## Non-Ferrous Metal

CLASS	USA AISI / SAE	JAPAN JIS	CHINA GB	UK BS	GERMANY DIN	FRANCE NF	RUSSIA ГОСТ
ALUMINUM ALLOY	1199		1A99		A199.99R		A99
			1A97		A199.98R		A97
			1A95				A95
		A1080	1A80	1080(1A)	A199.90	1080A	A8
	1050	A1050	1A50	1050(1B)	A199.50	1050A	A5
	5052	A5052	5A02	NS4	AlMg2.5	5052	Amg
			5A03	NS5			AMg3
	5056	A5056	5A05	NB6	AlMg5		AMg5V
	5456	A5556	5A30	NG61		5957	
	2036	A2117	2A01		AlCu2.5Mg0.5	2117	D18
		A2017	2A11	HF15	AlCuMg1	2017S	D1
	2124	A2024	2A12		AlCuMg2	2024	D16AVTV
	2319		2B16				
		A2N01	2A80				AK4
	2218	A2018	2A90				AK2
	2014	A2014	2A14		AlCuSiMn	2014	AK8
	6061	A6061		6061		6061	
7175	A7075	7A09		AlZnMgCu1.5	7075	V95P	
ALUMINUM ALLOY CASTING	356.2	AC4C	ZAlSi7Mn	LM25	G-AlSi7Mg		
	413.2	AC3A	ZAlSi12	LM6	G-Al12	A-S12-Y4	AL2
	355.2		ZAlSi5Cu1Mg				AL5
	413.0	AC8A	ZAlSi2Cu2Mg1		G-Al12(Cu)		
			ZAlCu5Mn				AL19
	201.0		ZAlCu5MnCdVA				
	520.2		ZAlMg10	LM10	G-AlMg10	AG11	AL8
		ZAlMg5Si		G-AlMg5Si		AL13	

GRADES	<b>A</b>
LINEUP / INSERTS	<b>B</b>
45° / 70° LEAD	<b>C</b>
75° LEAD	<b>D</b>
90° LEAD	<b>E</b>
HIGH FEED	<b>F</b>
MULTI-FUNCTION	<b>G</b>
SLOT MILLS	<b>H</b>
RADIUS / BALL-NOSE	<b>J</b>
OTHER APPLICATIONS	<b>K</b>
TOOL HOLDING	<b>O</b>
SPARE PARTS	<b>P</b>
<b>TECHNICAL</b>	<b>R</b>
INDEX	<b>T</b>