

MATERIAL LIST (JIS)

Metal

Class	Name of JIS Standard	Symbol
Structural Steel	Rolled Steel for Welded Structure	SM
	Re-Rolled Steel	SRB
	Rolled Steel for General Structure	SS
	Light Gauge Steel for General Structure	SSC
Steel Sheet	Hot-Rolled Steel Plate, Sheet and Strip for Automobile Structural Use	SAPH
	Cold-Rolled Steel Plate, Sheet and Strip	SPC
Steel Pipe	Hot-Rolled Soft Steel Plate, Sheet and Strip	SPH
	Carbon Steel Pipe for Ordinary Piping	SGP
	Carbon Steel Pipe for Boiler / Heat Exchanger	STB
	Seamless Steel Pipe for High Pressure Gas Cylinder	STH
	Carbon Steel Pipe for General Structural Use	STK
	Carbon Steel Pipe for Machine Structural Use	STKM
	Alloy Steel Pipe for Structural Use	STKS
	Stainless Steel Pipe for Machine Structural Use	SUS-TK
	Steel Square Pipe for General Structural Use	STKR
	Alloy Steel Pipe for Ordinary Piping	STPA
	Carbon Steel Pipe for Pressure Service	STPG
	Carbon Steel Pipe for High-Temperature Service	STPT
	Carbon Steel Pipe for High-Pressure Service	STS
	Stainless Steel Pipe for Ordinary Piping	SUS-TP
Steel for Machine Structural Use	Carbon Steel for Machine Structural Use	SxxC, SxxCK
	Aluminium Chromium Molybdenum Steel	SACM
	Chromium Molybdenum Steel	SCM
	Chromium Steel	SCr
	Nickel Chromium Steel	SNC
	Nickel Chromium Molybdenum Steel	SNCM
	Manganese Steel and Manganese Chromium Steel for Machine Structural Use	SMn, SMnC
	Carbon Tool Steel	SK
Tool Steel	Hollow Drill Steel	SKC
	Alloy Tool Steel	SKS, SKD, SKT
Special Steel	High Speed Tool Steel	SKH
	Free Cutting Carbon Steel	SUM
	High Carbon Chromium Bearing Steel	SUJ
	Spring Steel	SUP
	Stainless Steel Bar	SUS-B
	Hot-Rolled Stainless Steel Plate, Sheet and Strip	SUS-HP, SUS-HS
	Cold-Rolled Stainless Steel Plate, Sheet and Strip	SUS-CP, SUS-CS
	Heat-Resisting Steel Bar	SUH-B, SUH-CB
	Heat-Resisting Steel Plate and Sheet	SUH-HP, SUH-CP
	Super Alloy	Corrosion-Resisting and Heat-Resisting Superalloy Bar
	Corrosion-Resisting and Heat-Resisting Superalloy Plate and Sheet	NCF-P
Forged Steel	Carbon Steel Forging	SF
	Chromium Molybdenum Steel Forging	SFCM
	Nickel Chromium Molybdenum Steel Forging	SFNCM
Cast Iron	Gray Cast Iron	FC
	Spheroidal Graphite Cast Iron	FCD
	Blackheart Malleable Cast Iron	FCMB
	Whiteheart Malleable Cast Iron	FCMW
	Pearlitic Malleable Cast Iron	FCMP
Cast Steel	Carbon Cast Steel	SC
	High Tensile Strength Carbon Cast Steel & Low Alloy Cast Steel	SCC
	Stainless Cast Steel	SCS
	Heat-Resisting Cast Steel	SCH
	High Manganese Cast Steel	SCMnH
	Cast Steel for High Temperature and High Pressure Service	SCPH

Non-Ferrous Metal

Class	Name of JIS Standard	Symbol
Copper	Copper and Copper Alloy Sheet / Strip	CxxxP CxxxPP CxxxR
	Copper and Copper Alloy Rod and Bar	CxxxBD CxxxBDS CxxxBE
Aluminum Alloy and Aluminum Alloy Expanded Material	Aluminum and Al. Alloy Sheet / Strip	AxxxP AxxxPC
	Aluminum and Al. Alloy Rod, Bar, and Wire	AxxxBE AxxxBES AxxxBD AxxxBDS AxxxW AxxxWS
	Aluminum and Al. Alloy Extruded Shape	AxxxS
	Aluminum and Al. Alloy Forging	AxxxFD AxxxFH
Magnesium Alloy Expanded Material	Magnesium Alloy Sheet and Plate	MP
	Magnesium Alloy Rod and Bar	MB
Nickel Alloy	Nickel Copper Alloy Sheet and Plate	NCuP
	Nickel Copper Alloy Rod and Bar	NCuB
Titanium Expanded Material	Titanium Rod and Bar	TB
Casting	Brass Casting	CAC20x
	High Strength Brass Casting	CAC30x
	Bronze Casting	CAC40x
	Phosphoric Bronze Casting	CAC50x
	Aluminum Bronze Casting	CAC70x
	Aluminum Alloy Casting	AC
	Magnesium Alloy Casting	MC
	Zinc Alloy Die Casting	ZDCx
	Aluminum Alloy Die Casting	ADC
	Magnesium Alloy Die Casting	MD
White Metal	WJ	