

HOT ROLLED & PLATE PRODUCT

1. Hot Rolled Coil Dimension

	Mill Edge	Slitted/Trimmed Edge/Recoiled	Skin Passed Mill
Thickness	2.0 - 6.0 mm	1.60 - 8.0 mm	1.6 - 7.0 mm
Width	600 - 2.000 mm	100 - 990 mm	600 - 1.500 mm
Length	760 - 2.000 mm	610 mm and 760 mm	760 mm
Weight	5 - 30 Ton	30 Ton Max	30 Ton Max

2. Hot Rolled Steel Strip / Plate

Mill Edge	Strip	Plate
Thickness	1.60 - 6.0 mm	1.60 - 8.0 mm
Width	600 - 2.000 mm	100 - 990 mm
Length	1.000 - 6.000 mm	610 mm and 760 mm
Weight	6 Ton	30 Ton Max

3. Hot Rolled Pickled & Oil

Mill Edge	Min.	Max.
Thickness	1.80 mm	5.50 mm
Width	600 mm	1.250 mm
Length	ID 610 mm	OD 2.000 mm
Weight	10 MT	23,4 MT

4. Standard Specification

4.1. Oil & Gas Pipe

Standard	Grade	Group Application
API SCT	API SCT H40	Hot Rolled Steel for Casing, Pipe and Tubing is used for Drilling, High Weld ability and Excellent Fracture resistance
	API SCT J55	
	API SCT K55	
API 5L	API 5L GRA	Hot Rolled Steel make Excellent Pipeline material because of its strength, low temperature toughness, weldability and hydrogen induced crack resistance (sour services). Use in pipeline transportation system in the petroleum and natural gas industries
	API 5L GRB M	
	API 5L GRB N	
	API 5L X42	
	API 5L X42 M	
	API 5L X46 BM	
	API 5L X46 M	
	API 5L X52 M	These use in pipeline transportation system in the petroleum and natural gas industries, for use as casing & tubing for wells, as well as for other applications, applies to pipe piles in wich the steel cylinder acts as a permanent load carrying member, or as shell to form cast-in-place concrete piles
	API 5L X52 MO	
	API 5L X52 MS	
	API 5L X56 M	
	API 5L X60 M	
	API 5L X60 MO	
	API 5L X60 MS	
	API 5L X65 M	
	API 5L X65 MO	
	API 5L X65 MS	
	API 5L X70 M	
	API 5L X80	
ASTM A139	ASTM A139 GRB	For electric Fusion (Arc) Welder Steel
DNV 485	DNV 485	
DNV OS F101	OS F101 GR450	Sub Marine pipe line system
	OS F101 GR450 USF	

4.2. Automotive

Standard	Grade	Group Application
JIS G3113	SAPH310	Hot Rolled Steel Plate, Sheet & Strip for Automotive Stuctural uses
	SAPH370	
	SAPH400	
	SAPH440	
	SAPH540	
JIS G3131	SPHC	Hot Rolled high strength steel plate, sheet & strip with improved formability for automotive structural uses
	SPHD	
	SPHE	
JIS G3134	SPFH490	Having Superior workability of high strength steels, it is applied to automobiles.
	SPFH540	
JIS G4051	S20C	Carbon steel for Machinery Structure
	S45C	
JIS G4052	SCR440	Chromium Steel for Machinery Structure
JIS G4104	SCR420H	Chromium Steel for Machinery Structure
	SCR440H	
KRAKATAU STEEL STANDARD	KS E380	Hot Rolled Steel Plate, Sheet & Strip for Automotive Structural used.
	KS E500	
	HSAPH 540	
	HSAPH 620	
	KSAPH 540	
	KSHT 800	Wear Resistance Material
	KSTA 400	
	KSTA 500	
	MIN SS 400	
NAW	NAW 490	
SAE	SAE 1045	Used in the manufacture of variety of axes, shafts, splindles and many other metal parts.
SNI 07 0601	KSTA 500	General Fabrication & Drawing Quality
SANH	MIN SS 400	Hot Rolled Steel for Automobile structure uses
TISTEN	NAW 490	High Tensile Steel

4.3. Hot Rolled Pickled & Oil

Standard	Grade	Group Application
ASTM A569	ASTM A569 M - 98	Automotive Parts for disc wheel of General Fabrication & Drawing Quality
ASTM A570	ASTM A570 Gr 33	
DIN 17100	DIN 17100 ST 37.2	
JIS G3101	SS 400	
JIS G3116	SG 255	
JIS G3131	SPHC, SPHD, SPHE	
JIS G3113	SAPH310, SAPH 370, SAPH400, SAPH440	LPG Bottle
KRAKATAU STEEL	KSI37H, KSS37H, MP38, MPW1, MPW2	Oil & Gas Pipe, Pipe & Tube, General Structure
JIS G3132	SPHT1, SPHT2, SPHT3, SPHT4	Automotive Parts for disc wheel of General Fabrication & Drawing Quality
SAE 1006		
SAE 1008		

4.4. Boiler & Presure Vessel

Standard	Grade	Group Application
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ASTM A53	ASTM A53 GRB	Hot Dipped, Zinc-Coated, Welded and Seamless
ASTM A252	ASTM A525 GR 1	Electrical Resistance Welded Carbon Steel for Boiled Tube
	ASTM A525 GR 2	
	ASTM A525 GR 3	
ASTM A283	ASTM A283 GRA	Plates, Carbon Steel, Low and Intermediate-Tensile Strength
	ASTM A283 GRB	
	ASTM A283 GRC	
	ASTM A283 GRD	
ASTM A285	ASTM A285 GRA	
	ASTM A285 GRB	
	ASTM A285 GRC	
ASTM A515	ASTM A515 GR70	Plates, Carbon Steel, Low and Intermediate and Higher - Temperature
ASTM A516	ASTM A516 GR70	Plates, CARBON Steel, for Moderate and Lower - Temperature Service
BSEN 10120	BSEN 10120 P265NB	Plates for building boilers and pressure vessels such as petroleum, chemical industry, reactor etc
JIS G3116	SG255	Welded containers for high pressure gas holder of volume less than 5000 l for LPG, acetylene and propane gas
	SG295	
SAE 1019	SAE 1019	These Steels are the lowest carbon steels of the plain carbon type, and are selected where cold formability is the primary requisite of the user. They are produced both as rimmed and killed steels
SAE 1020	SAE 1020	
SAE 1021	SAE 1021	
SAE 1022	SAE 1022	
SAE 1026	SAE 1026	

4.5. Container

Standard	Grade	Group Application
CORTEN	CORTEN A	Weather corrosion resistance steel for structure
	CORTEN B	
	CORTEN C	
JIS G3125	SPAH	Having superior atmospheric corrosion resistance, it is applied to architecture, steel tower, steel container and other structures
KRAKATAU STEEL	BTKC GRA	Weather corrosion resistance steel for structure
	BTKC GRW	
	BTKC GRC	
SNI	SNI 07 0601 BJPE	Corrugated Steel Structures

4.6. Pipe & Tube

Standard	Grade	Group Application
JIS A5525	SKK400	Welded Pipes with low and high frequency welding
JIS G3232	SPHT1	
	SPHT2	
	SPHT3	
	SPHT4	
KRAKATAU STEEL	SPHK1	Welded Steel pipes and tubes
	SPHK2	

4.7. General Structures

Standard	Grade	Group Application
AS 1594 - 1992	AS 1594 - 1992 HA200	
	AS 1594 - 1992 HA250	

AS 1594-1992	AS 1594 - 1992 HA300	General Structures for Buildings, Bridges and Ships
	AS 1594 - 1992 HA350	
AS/NZ 1594	AS/NZ 1594 HA 350	
	AS/NZ 1594 - 2002 HA250	
ASTM A36	ASTM A36	Carbon steels of structural quality for use welded construction of bridges and building and general structural purpose
ASTM A242	ASTM A242 GR2	High Strength Low - Alloy Structural Steel
ASTM A284	ASTM A284 GRC	Machine Parts and General Construction
	ASTM A284 GRD	
ASTM A569	ASTM A569	This material is intended for parts where bending, moderate forming or drawing, and welding may be involved
ASTM A570	ASTM A570 GR30	Structural Steel
	ASTM A570 GR33	
	ASTM A570 GR36	
	ASTM A570 GR40	
	ASTM A570 GR45	
	ASTM A570 GR50	
ASTM A572	ASTM A572 GR42	High Strength Low - Alloy Columbium - Vanadium Structural Steel
	ASTM A572 GR50	
	ASTM A572 GR55	
ASTM A573	ASTM A573 GR70	Structural Carbon Steel Plate of Improved Toughness
ASTM A607	ASTM A607 GR50	High - Strength Low Alloy Colombium - Vanadium Steel for Structural
ASTM A792	ASTM A792 GR50A	This product is intended for applications requiring corrosion resistance or heat resistance, or both
	ASTM A792 GR50B	
ASTM A907	ASTM A907 G36	Good tension stress and yield strength
	ASTM A907 GR30	
BS 4360	BS 4360 GR43A	High - strength Low Alloy Colombium - Vanadium Steel for Structural quality
	BS 4360 GR50B	
	BS 4360 GR50C	
	BS 4360 GR55C	
	BS 4360 WR50A	
BSEN 10025	BSEN S235JO	Welded Structure for Building, Bridges, Ships, Petroleum Storage, Tank Containers
	BSEN S235JR	
	BSEN S275J2	
	BSEN S275JO	
	BSEN S275JR	
	BSEN S355JO	
	BSEN S355JR	
CSA G4021	CSA G4021 300W	Stuctural, Carbon & HSLA Steel Plate
	CSA G4021 350W	
DIN 1543	DIN 1543 ST37-2 CU3	Welded Structure for Building, Bridges, Ships, Petroleum Storage, Tank Containers
	DIN 1543 ST52-2 CU3	
DIN 17100	DIN 17100 ST37-2	Applies to steel sections (including wide flange beams), steel bars, wire rod, flat product (strip, plate, wide flats) seamless and welded, square and rectangular hollow sections, forgings and semi-finished product in the general structural steels nemed, wich are delivered in the hot formed or normalized condition after production
	DIN 17100 ST44-2	
	DIN 17100 ST52-3	
DIN 17175	DIN 17175 15MO3	Seamless Steel Pipe/Tube wich is used for the pipeless of boiler industry
EN 10025	EN 10025 S235JR+AR	Hot Rolled product of non - alloy structural steels
	EN 10025 S355JOC	

EN 10025	EN 10025 S355JOG	Hot Rolled product of non - alloy structural steels
	EN 10025 S355JRG	
KRAKATAU STEEL	1E 1006	Steel for Heavy Equipment
JIS G3101	SS330	Having each strength level, wich is applied to structural materials for architecture, bridge, ships, rolling stocks and other structures
	SS400	
	SS490	
	SS540	
JIS G3106	SM400A	Having superior strength and weldability, it is applicable to architecture, bridge, ships, rolling stock body, petroleum storage tanks, container and other constructions
	SM400B	
	SM400C	
	SM490A	
	SM490B	
	SM490C	
	SM490YA	
	SM490YB	
	SM570	
JIS G3136	SN400B	Hot Rolled-seismic improved structural steels, used for structural members buildings, architecture structures
	SN490B	
JIS G3466	STKR 400	Carbon Steel Square for general structural purposes
SNI 07 0601	BJPC	General Fabrication & Drawing Quality
	BJPS	

4.8. Re - Rolling

Standard	Grade	Group Application
BSEN 10111	BSEN 10111 DD11	Mild Steel / low carbon steel, may still fall under the category of special steel if any special properties is specified in the street
SAE 1006	SAE 1006	These Steels are lowest carbon steels of the plain carbon type, and are selected where cold formability is the plain carbon type, and are selected where cold formability is the primary requisite of the usre. They are produced both as rimmed and killed steels
	SAE 1006 B	
	SAE 1006 C	
SAE 1008	SAE 1008	
SAE 1010	SAE 1010	
SAE 1012	SAE 1012	
SAE 1015	SAE 1015	
SAE 1016	SAE 1016	
SAE 1018	SAE 1018	
SAE 1019	SAE 1019	
SAE 1020	SAE 1020	
SAE 1021	SAE 1021	
SAE 1022	SAE 1022	
SAE 1026	SAE 1026	
ASTM A1006	ASTN A1006	
ASTM A1008	ASTM A1008	
	ASTM A1008 CS TYPE B	
ASTM A1010	ASTM A1010	
	ASTM A1010M1	
	ASTM A1010M2	
ASTM A1011	ASTM A1011	
	ASTM A1011B	
	ASTM A1011 CS TYPE B	
ASTM A1012	ASTM A1012	

4.8. Ship Building

Standard	Grade	Group Application
ABS	ABS AH32	Ordinary strength ship building steel comes in a number of grades, A & B, the plates are marked with the grade ang a preceding A or B, Higher strength ship building steel with two number strength 32 or 36
	ABS AH36	
	ABS GRA	
ASTM A131	A131 GRB	
BV	BV AH32	
	BV AH36	
	BV GRA	
	BV GRB	
GL	GL GRA	
	GL GRB	
KI	KI GRA	
	KI GRB	
LR	LR GRA	
NK	NK A32	
	NK A36	
	NK GRA	
NV	NV A	
	NV A32	
	NV A36	
RINA	RINA AH32	
	RINA AH36	
	RINA GRA	