



Carbon Steel

Flat Products/ Long Products



YIEH CORP.
Integrity, Profession, Efficiency



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Carbon Steel Flat Products

Hot Rolled Products

Hot Rolled Coil/ PO/ Strip/ Sheet

Product	Coil	Picked and Oiled Steel Coil (PO)	Strip/ Sheet
Size (mm)	Thickness: 1.2 - 16 Width: 900 - 1800	Thickness: 1.4 - 9 Width: 900 - 1800	The size depends on the customer's needs
Grade	SPHC, SPHD, SPHE, SS400, SS490, SS540 SAE 1006~1025 GB Q195/ Q235/ Q345 ASTM A36/ A570/ A572 EN10130 DC01/ DC03/ DC04		

● The size depends on the customer's needs

Hot Rolled Heavy Plate/ Ship Plate

Product	Heavy Plate	Ship Plate
Size (mm)	Thickness: 6.0 - 100 Width: 1500 - 3500 Length: 6000 - 18000 PCS Weight 21tons max	Thickness: 6.0 - 100 Width: 1500 - 3500 Length: 6000 - 18000 PCS Weight 21tons max
Grade	JIS SS400, SN400A/ B/ C, SN490B/ C, SM400A/ B/ C, SM490A/ B/ C ASTM A36, A572 Gr.50, A516 Gr.70, A709 Gr.50/ 70, A588 Gr.A/ B GB Q235/ Q355/ Q390/ Q420 EN10025 S275N, S355N/ NL/ J2	Grade: A, B, D, AH32, AH36, DH32, DH36, EH32, EH36 Classification Certificates : CCS of China, BV of France, NK of Japan, GL of Germany, ABS of USA, LR of U.K., KR of Korea, DNV of Norway, RINA of Italy

● The size depends on the customer's needs

Cold Rolled Products

Cold Rolled Coil/ Coil Full Hard/ Strip/ Sheet

Product	Coil	Full Hard	Strip/ Sheet
Size (mm)	Thickness: 0.3 - 2.5 Width: 900 - 1650	Thickness: 0.13 - 1.60 Width: 762 - 1300	The size depends on the customer's needs
Grade	JIS SPCC, SPCD, SPCE GB Q195/ 215/ 235 ASTM A109/ 1008 BS EN10130/ 10139	JIS SPCC-1B	JIS SPCC, SPCD, SPCE ASTM A109/ 1008 BS EN10130/ 10139
Surface Finish	Bright Finish, Dull Finish	Bright Finish, Dull Finish	Bright Finish, Dull Finish

Application

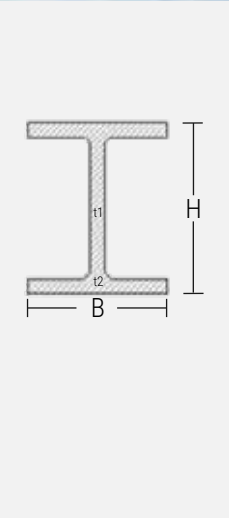
- General use
- Home Appliance
- Road Vehicle Systems
- Transmissions
- Fluid Systems
- Manufacturing
- Construction



Carbon Steel Long Products

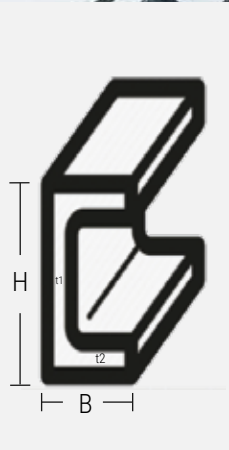
H-Beam

Serial Size (mm)	H : Depth (Web) B : Wodth (Flange) Wide Flange: 100*100 - 400*400 Medium Flange: 150*100 - 900*300 Small Flange: 100*50 - 600*200 t1 : 5 - 25mm t2 : 7 - 40mm	
	ASTM	A36, A572Gr.50, A709Gr.36/ 50, A992
Grade	JIS	SS400, SM400A/ B, SM490A/ B, SN400A/ B, SN490B/ C
	EN	S235JR, S275JR, S355JR, S235J0, S275J0, S355J0, S235J2, S275J2, S355J2
	AZ/NZ	G300/ G350



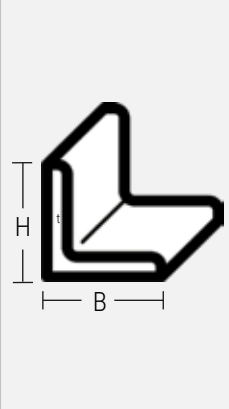
Channel

Serial Size (mm)	Tapered-Flange Channel Parallel-Flange Channel HxBxt: 75*40 - 380*100: T1: 5 - 13 T2: 7 - 20	
	ASTM	A36, A572Gr.50, A709Gr.36/50, A992
Grade	JIS	SS400, SM400A/ B, SM490A/ B, SN400A/ B, SN490B/ C
	EN	S235JR, S275JR, S355JR, S235J0, S275J0, S355J0, S235J2, S275J2, S355J2
	AZ/NZ	G300/ G350



Angle

Serial Size (mm)	EQUAL ANGLE HxBxt: 25 - 250*25 - 250*t2.5 - 35 UNEQUAL ANGEL HxBxt: 40 - 200*20 - 200* t3 - 12	
	ASTM	A36, A572Gr.50, A709Gr.36/50, A992
Grade	JIS	SS400, SM400A/ B, SM490A/ B, SN400A/ B, SN490B/ C
	EN	S235JR, S275JR, S355JR, S235J0, S275J0, S355J0, S235J2, S275J2, S355J2
	AZ/NZ	G300/ G350



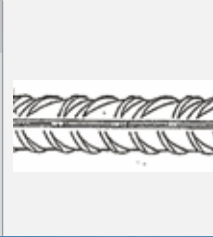
U Type Sheet Pile

Serial Size (mm)	SP-I/ II/ III/ IV 400x85/ 100/ 125/ 170 T: 8/ 10.5/ 13/ 15.5	
	JIS	JIS A5528 SY295/ 390
Grade		



Deformed Bar/ Deformed Bar in Coil

Serial Size (mm)	D10 - D57mm
Grade	BS 4449 B460B/ B500B ASTM A615 Gr.50/ 60, A706 Gr.60 AS/ NZS 4671 (500N) KS D 3504 (SD 400 ~ SD 500 ~ SD 600) MS 146 (B500B)



Wire Rod

Serial Size (mm)	D5.5 - D12	
	Merchandise Quality	SAE1006/ 8/ 10/ 12 + Silicon Kill (SK) or Aluminum Kill (AK)
Grade	Rimmed Quality	SWRM6/ 8/ 10
	Cold Heading Quality	35ACR/ 40ACR, SWRCH6A/ 8A/ 10A/ 18A/ 22A
	High Carbon Quality	SAE 1045/ SK45C/ SWRH52A/ 62A/ 72A S10C~S55C
	Alloy Quality	10B21/ 10B33, 35CrV/ 40CrV, SCr415 ~ SCr440, SCM415 ~ SCM440, SCM435
	Free Cutting Quality	12L14, SUM23/ 24

Bar in Coil

Serial Size (mm)	D14 - D55	
	Merchandise Quality	SAE1006/ 8/ 10/ 12 + Silicon Kill (SK) or Aluminum Kill (AK)
Grade	Rimmed Quality	SWRM6/ 8/ 10
	Cold Heading Quality	35ACR/ 40ACR, SWRCH6A/ 8A/ 10A/ 18A/ 22A
	High Carbon Quality	SAE 1045/ SK45C/ SWRH52A/ 62A/ 72A S10C~S55C
	Alloy Quality	10B21/ 10B33, 35CrV/ 40CrV, SCr415 ~ SCr440, SCM415 ~ SCM440, SCM435
	Free Cutting Quality	12L14, SUM23/ 24

Steel Bar

Product	Flat Bar	Round Bar	Square Bar
Serial Size (mm)	Thickness: 9 - 300 Width: 3 - 36	Diameter: 3 - 80	3x3 - 80 - 80 (mm.sq)
Grade	· Structural Steel: SS330 ~ SS540, A36 · Special Steel: S15C, S35C, S45C, S55C 10B21/ 10B33/ 50BV30 SCr440, SCM415, SCM420, SCM435, SCM440 SAE 1015, 1035, 1045, 1055, 1541		

Carbon Steel Pipe / Tube



Carbon Steel Welded Pipe / Tube

Product	Diameter	Wall Thickness	Steel Grade
Round pipe	12.7 - 3048 mm	1.0 - 100 mm	JIS G3444 STK , JIS G3454 STPG, JIS G3452 SGP BS 1387/ISO 65 AS/NZS 1163/AS1074 EN 10219/EN10217-1/EN10255 ASTM A500/G40.20/G40.21 ASTM A53/SA53/ASTM A795 ASTM A252 /AWS D1.1/CSA W59 API 5L Hydrostatic Test Pressure A/B/X42-X80
API pipe	1/2 in - 120 in	1.0 - 50.8 mm	
Product	Size	Wall Thickness	
Square Hollow Tube	20x20 - 500x500 mm	1.0 - 25.4 mm	
Rectangular Hollow Tube	20x30 - 400x600	1.0 - 25.4 mm	API 5CT Hydrostatic Test Pressure H40/J55/K55/N80

● The length depends on the customer's needs

Carbon Steel Seamless Pipe / Tube

Product	Diameter	Steel Grade
ASTM/ ASME A/ SA53	1/2" - 48"	GR.B
ASTM/ ASME A/ SA106	1/2" - 48"	GR.B, GR.C
ASTM/ ASME A/ SA333	1/2" - 48"	GR.6
ASTM/ASME	1/2" - 4"	A/ SA179/ SA192/ SA210M GR.C, GR.A1
API 5L	1/2" - 48"	GR.B/ X42/ X52/ X60/ X65/ X70/ X80, PSL1/ PSL2
API 5CT	1" - 24"	K55, L80, C95, P110, Q125
EN10028	1" - 48"	P235GH, P265GH, P295GH, P355GH, P355NH
EN10210	1" - 48"	S235, S275, S355J2

● The length depends on the customer's needs