Shandong Xin Wugang Steel

STEEL PLATE/SHEET PRODUCT CATALOG

PROFESSIONAL SUPPLIER OF STAINLESS STEEL PLATES



MATERIAL SPECIFICATION GUIDE

About us.

山东鑫武钢铁有限公司是一家综合性钢铁企业，深耕钢铁行业多年，依托完善的产业链布局、先进的生产装备、严苛的质量体系和贴心的全域服务，稳步发展为具有竞争力与口碑的标杆型钢铁企业，广泛服务于基建工程、机械制造、汽车工业、钢结构等多个核心领域。公司秉持客户至上、诚信为本、服务为先的经营宗旨，打造一站式全周期贴心服务体系。持续为客户提供高品质钢铁产品与一站式优质服务，致力于打造国内一流的现代化钢铁综合服务商与各界合作伙伴携手共赢、共创未来!

Shandong Xinwugang Steel Co., Ltd. is a comprehensive iron and steel enterprise with years of profound experience in the steel industry. Backed by a complete industrial chain layout, advanced production equipment, stringent quality management systems and thoughtful all-round services, we have steadily grown into a benchmark steel enterprise with strong competitiveness and a solid reputation. Our products widely serve a host of core sectors including infrastructure engineering, machinery manufacturing, automobile industry and steel structure construction.

Adhering to the business tenets of "customer supremacy, integrity-based operation and service first", the company has built a one-stop full-cycle considerate service system. We consistently supply high-quality steel products and all-in-one premium services to clients, and strive to become a first-class modern comprehensive steel service provider nationwide. We look forward to win-win cooperation and a shared bright future with all partners from all walks of life!

The most dynamic enterprise
and leader in the steel trading industry.

最具活力企业，钢铁贸易行业的领导者。



CARBON STEEL PLATE

Product Description

♦ STRUCTURAL & HIGH TENSILE STRENGTH CARBON STEEL PLATE





Description-Structural & High Tensile Strength Carbon Steel Plate:

Standard: GB/T3274, ASTM A6, EN 10025;

Grade: GB: Q235B、Q355B、Q460、Q550,Q690　ASTM: A36、A572 Gr50/Gr60、A1011、A1018 EN:S235JR、S275JR、S355JR、S460NL

Thickness:6~200mm

Width:1500/1800/2000/2200/2500mm

Length:6000/12000mm　Can be opened to a fixed length

Application: Factory steel structure, bridge support, tower crane machinery, engineering machinery chassis, shelf columns, building load-bearing components, container frame

♦ SHIPBUILDING & MARINE STEEL PLATE





Description-Shipbuilding & Marine Steel Plate:

Standard: CCS、ABS、DNV、LR、BV、NK、KR、 IACS 、ASTM A131、GB712

Grade: Grade A、Grade B、Grade D、Grade E　AH32/DH32/EH32、AH36/DH36/EH36、AH40/DH40/EH40

Thickness:6~150mm

Width: 900~4800mm

Length:3000~12000mm

Application: Ship deck, hull, cabin structure, ocean going cargo ships, yachts, offshore drilling platform ancillary structures, barges

♦ ABRASION / WEAR RESISTANT STEEL PLATE





Description-Abrasion / Wear Resistant Steel Plate:

Standard: GB/T24186、ASTM A148、EN 10210

Grade: NM400、NM450、NM500、NM550、NM600、AR400、AR450、AR500、HB400、Hardox 400、Hardox 450、Hardox 500、Hardox 550、Hardox 600

Thickness: 3~120mm

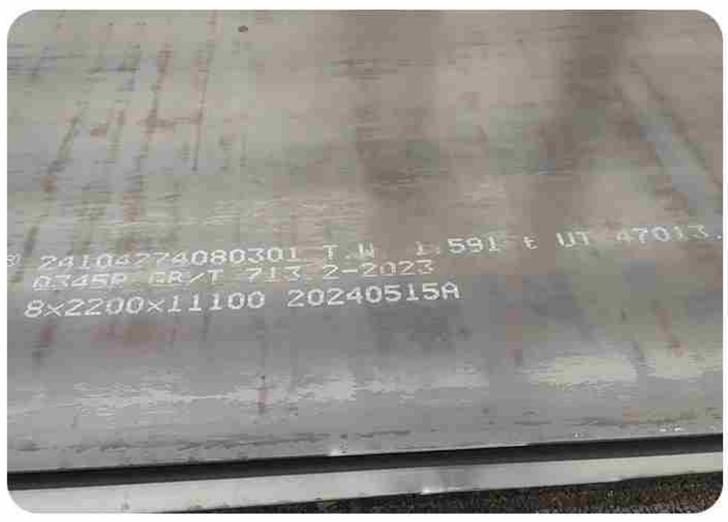
Width:1500~2500mm

Length:6000~12000mm

Application: Mining； Chutes； Hoppers； Crushers； Construction； Excavator Buckets； Bulldozer Blades； Cement； Fan Blades； Separator Liners

♦ BOILER & PRESSURE VESSEL STEEL PLATE







Description-Boiler & Pressure Vessel Steel Plate:

Standard: Boiler steel plate：GB/T 713、ASME SA-387、ASME SA-204、EN 10028-2

Pressure vessel steel plate：GB/T 713 / GB/T 3531 、ASME SA-516 / SA-537、EN 10028-3/4

Grade: Boiler steel plate：Q245R、Q345R、Q355R、Q370R、SA387 Gr.11、Gr.22、Gr.91、SA204 (Gr.A/B/C)、P265GH、P355GH、16Mo3

Pressure vessel steel plate：SA516 Gr.60/70、 SA537 Cl.1/2、P265GH、 P355NH/NL、16MnDR、09MnNiDR、06Ni9DR (9%Ni)、SA203 (Gr.A/B/D/E)、SA516 Gr.70 (HIC)、SA387 Gr.22 CL2

Thickness:Boiler steel plate：6~150mm　Pressure vessel steel plate：6 ~ 120mm

Width: Boiler steel plate：1500~4000mm　Pressure vessel steel plate：1800 ~ 3500mm

Length:Boiler steel plate：3000~12000mm　Pressure vessel steel plate：6000 ~ 12000mm

Application: Boiler Drum、Water Wall、Superheater、Heat Exchangers、Power Plant Headers Gas Storage Tanks、Chemical Reactors、LNG Storage Tanks、Pipeline Heads、Separators

♦ WEATHERING CORTEN STEEL PLATE (CORTEN A/B)





Description-Weathering Corten Steel Plate (Corten A/B):

Standard: ASTM A242、GB/T4171

Grade: Corten A, Corten B、ASTM A588 (Gr.A/B/C/K), ASTM A242, ASTM A709 Gr.50W、S355J0WP, S355J2W, S355K2W、SPA-H , SPA-C、Q235NH, Q345NH,Q355NH, Q355GNH

Thickness: 1.5mm - 100mm

Width:1000, 1250, 1500, 2000, 2500mm

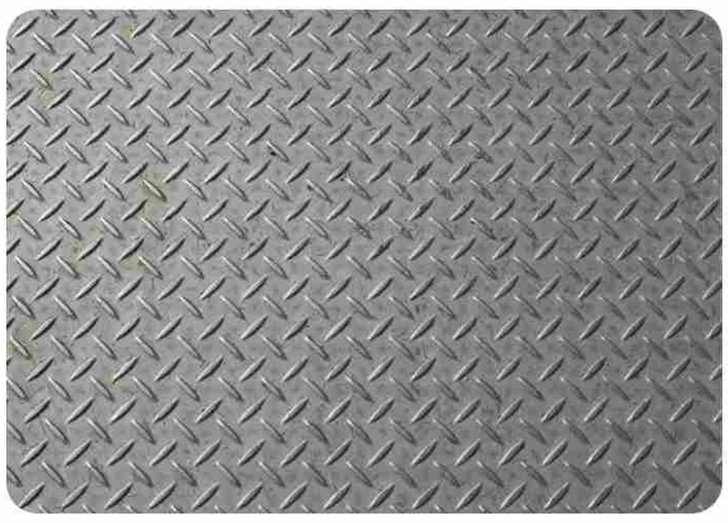
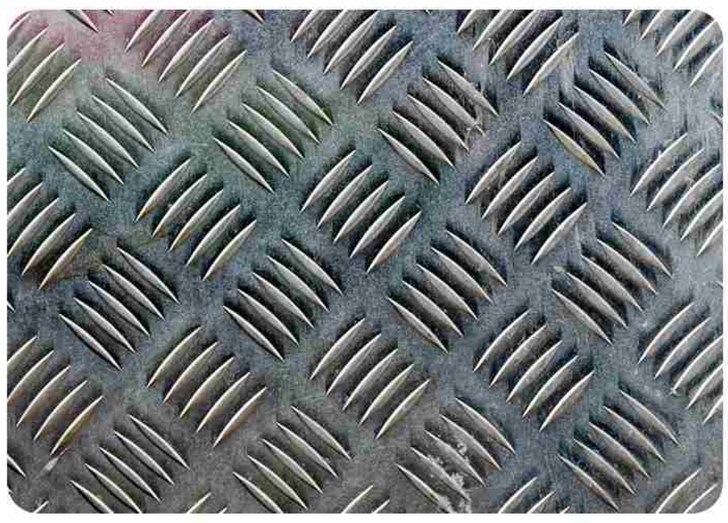
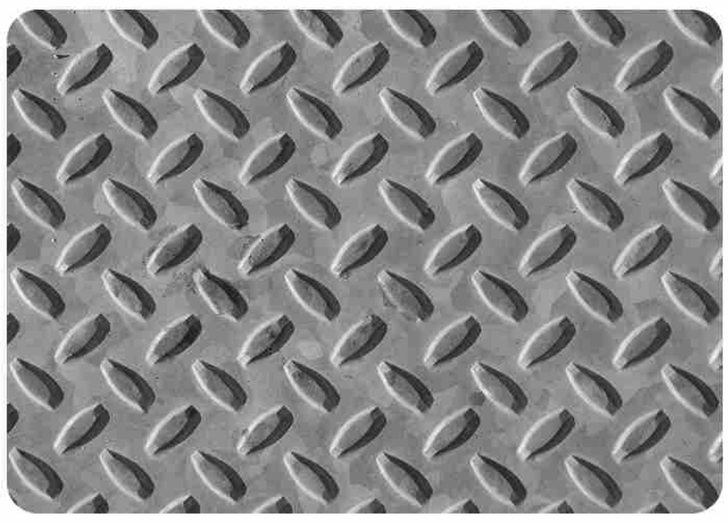
Length:2000 - 12000mm

Application: Landscape decoration: outdoor sculptures, curtain walls, flower beds

Transportation equipment: containers, railway vehicles

Construction projects: Bridge structures, power plant chimneys

♦ CHECKERED / DIAMOND TREAD STEEL PLATE

Description-Checkered / Diamond Tread Steel Plate:

Patterns: Lentil/Teardrop, Diamond, Round Bean, 5-Bar/Willow Leaf

Grade: Q235B, Q355B, ASTM A36, S235JR, SS400

Thickness: 1.2mm - 12.0mm

Width: 1000, 1219(4ft), 1250, 1500mm

Length: 2000, 2438(8ft), 3000, 6000mm

Application: Stair treads, factory anti slip flooring, truck floor, anti slip ramps

Detailed specifications

♦ Q235 points A/B/C level: A level does not undergo impact testing and is suitable for static ordinary structures; B-class ambient temperature impact, suitable for general industrial scenarios; C-level low-temperature shock, suitable for outdoor and low-temperature. working conditions

♦ 10 #/20 # low carbon steel: excellent plasticity and weldability, suitable for bending, stamping, pipelines, and pressure vessel accessories.

♦ 35 #/45 # medium carbon steel: higher strength and hardness, suitable for shafts, gears, and wear-resistant mechanical parts, with weaker welding performance.

牌号 Grade	执行标准 Standard	核心特性 Core Features	典型应用 Applications
Q195	GB/T 700	塑性极好、易冲压折弯、强度偏低 Excellent plasticity, easy stamping and bending, low strength	五金冲压件、薄壁外壳、护栏、冷弯型材 Metal stamping parts, thin-walled shells, guardrails, cold-formed profiles
Q215	GB/T 700	韧性优良、成型性好、焊接无忧 Excellent toughness, good formability, and worry-free welding	轻型结构、钣金件、非标小件、普通焊接件 Lightweight structures, sheet metal parts, non-standard small components, and ordinary welded parts
Q235A	GB/T 700	通用普钢、不做冲击试验、仅限常温静态结构 General ordinary steel, no impact test, limited to static structures at room temperature only	室内普通钢结构、设备底座、垫板、非受力静态构件 Indoor ordinary steel structure, equipment base, pad, non stress static components
Q235B	GB/T 700	常温冲击合格、综合性能均衡、市面通用主力 Qualified for impact at room temperature, balanced comprehensive performance, and widely used in the market	厂房钢构、设备机架、桥梁辅件、通用机械结构 Factory steel structure, equipment rack, bridge accessories, general mechanical structure
Q235C	GB/T 700	低温韧性好、杂质更低、稳定性更高 Good low-temperature toughness, lower impurities, and higher stability	户外钢结构、低温工况设备、重点承重构件 Outdoor steel structures, low-temperature equipment, and key load-bearing components
Q275	GB/T 700	强度更高、硬度大、塑性略低 Higher strength, greater hardness, slightly lower plasticity	承重支架、耐磨垫板、简单受力机械构件 Load bearing bracket, wear-resistant pad, simple load-bearing mechanical components
10#	GB/T 711	低碳优质钢、焊接极佳、塑性优异 Low carbon high-quality steel, excellent welding, excellent plasticity	压力容器辅板、管道板材、深冲压件、折弯件 Pressure vessel auxiliary plates, pipeline plates, deep drawn parts, bent parts
20#	GB/T 711	韧性强、可锻可焊、性能稳定 Strong toughness, malleable and weldable, stable performance	锅炉板材、封头板、精密结构件、焊接承压件 Boiler plates, head plates, precision structural components, welded pressure parts
45#	GB/T 711	中碳高强度、硬度高、耐磨、焊接性差 Medium carbon high strength, high hardness, wear resistance, poor weldability	机械齿轮、轴类、模具底板、耐磨配件 Mechanical gears, shafts, mold base plates, wear-resistant accessories
SS400 （日标）	JIS G3101	国际通用、性能对标Q235B、出口常用 International universal, performance benchmark Q235B, commonly used for export	外贸钢结构、外资项目、通用设备结构 Foreign trade steel structures, foreign-funded projects, and general equipment structures
SPHC （日标）	JIS G3131	热轧酸洗基材、超深冲、表面质量好 Hot rolled acid washed substrate, ultra deep drawing, good surface quality	汽车配件、钣金外壳、冲压深加工件 Automotive parts, sheet metal shells, stamped deep processed parts
S235JR （欧标）	EN10025	非合金结构钢、常温性能优、欧盟通用 Non alloy structural steel, excellent room temperature performance, EU universal	欧洲项目钢结构、通用机械、货架设备 European project steel structure, general machinery, shelving equipment
S355JR （欧标）	EN10025	高强度结构钢、承载力强 High strength structural steel with strong bearing capacity	大型重工设备、大跨度钢结构、承重构件 Large heavy industry equipment, large-span steel structures, load-bearing components
A36 （美标）	ASTM A36	美标通用结构钢、韧性稳定 American standard universal structural steel with stable toughness	北美外贸工程、重型钢结构、工程机械 North American foreign trade engineering, heavy steel structures, construction machinery

Detailed specifications

♦ Thickness tolerance: Complies with national/American standard tolerance requirements, with thin plates ± 0.1mm and medium thick plates ± 0.3~0.5mm (high-precision tolerance can be customized).

♦ Conventional widths: 1000mm, 1250mm, 1500mm, 1800mm, 2000mm, 2200mm.

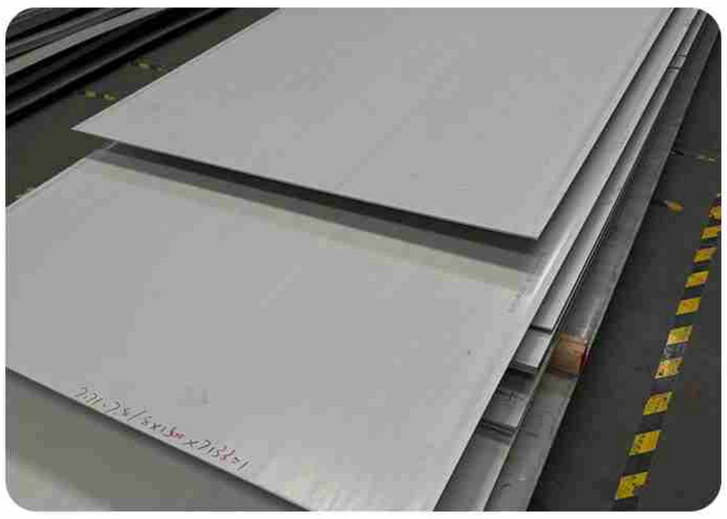
♦ Conventional lengths: 2000mm, 6000mm, 8000mm, 12000mm (can be cut to length or opened).

牌号 Grade	碳含量C(%) C (%)	锰含量Mn(%) Mn(%)	屈服强度(MPa) Yield strength	抗拉强度(MPa) Tensile strength	伸长率(%)≥ Elongation
Q195	0.06~0.12	0.25~0.50	≥195	315~430	33
Q215	0.09~0.15	0.25~0.55	≥215	335~450	31
Q235A	0.14~0.22	0.30~0.65	≥235	370~500	26
Q235B	0.14~0.22	0.30~0.65	≥235	370~500	26
Q235C	0.12~0.20	0.30~0.65	≥235	370~500	26
Q275	0.28~0.38	0.50~0.80	≥275	490~610	22
10#	0.07~0.13	0.35~0.65	≥205	335~475	31
20#	0.17~0.23	0.35~0.65	≥245	410~550	25
45#	0.42~0.50	0.50~0.80	≥355	600~750	16
SS400 (日标)	≤0.21	JIS G3101	≤1.50	≥245	400~510
SPHC (日标)	≤0.15	≤0.60	≥210	270~430	34
S235JR (欧标)	≤0.17	≤1.40	≥235	360~510	26
S355JR (欧标)	≤0.24	≤1.60	≥355	470~630	21
A36 (美标)	≤0.29	0.80~1.20	≥250	400~550	20

STAINLESS STEEL PLATE

Product Description

♦ HOT-ROLLED STAINLESS STEEL PLATE





Description- Hot-Rolled Stainless Steel Plate :

Standard: GB/T4237、ASTM A240、EN 10088

Grade: 304/L, 316/L, 321, 310S, 309S, 2205, 2507, 904L, 317L

Thickness: 3.0-100mm

Width: 1500/1800/2000/2500mm

Length: 6m/12m/fixed length

Surface: No.1 (hot-rolled pickling), black skin surface (Black)

Application: Petrochemical equipment, pressure vessels, heat exchangers, seawater desalination, nuclear power engineering

♦ COLD-ROLLED STAINLESS STEEL PLATE





Description- Cold-Rolled Stainless Steel Plate :

Standard: GB/T3280、ASTM A480

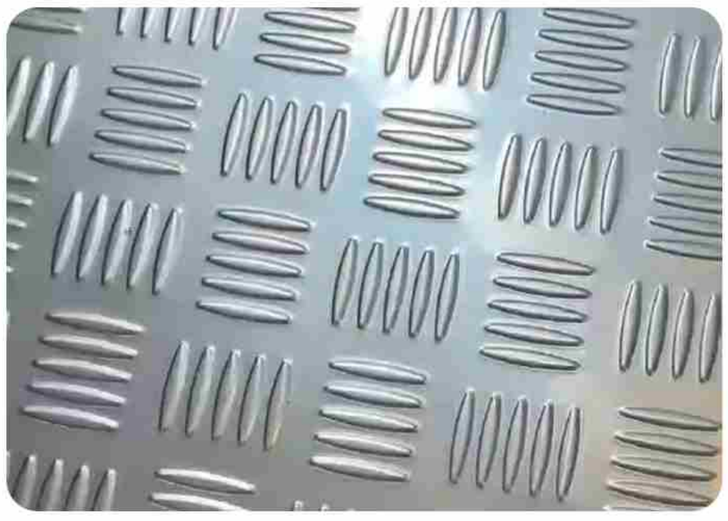
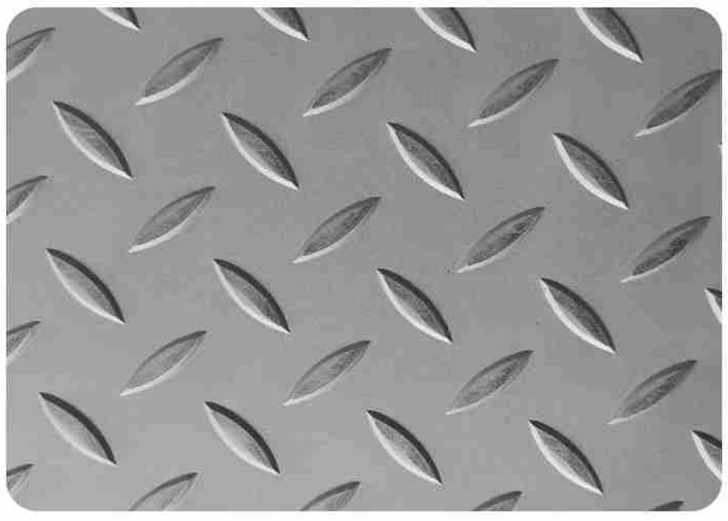
Grade: 304, 316L, 201, 430, 410S, 441, 444, 409L

Thickness:0.3-6.0mm

Conventional sizing: 1219*2438 (4x8ft), 1250*2500, 1500*3000

Application: Kitchen and bathroom appliances, elevator decorations, food machinery, car exhaust systems, hardware products

STAINLESS CHECKERED PLATE


Description- Stainless Checkered Plate :

Grade: 304/L, 316L, 201, 430

Thickness: 1.0-10.0mm; specifications are the same as cold/hot rolling standards

Pattern type: 5-Bar/Willow、Lentil/Teardrop、Diamond、Perforated

Application: Ship/offshore platform walkways, food factory floors, elevator floors, anti slip steps

Detailed specifications

Mainstream brand performance parameters

1.Chemical composition (core element standard values)

牌号 Grade	对应国标 Corresponding to national standards	碳C(%)≤	铬(Cr)	镍(Ni)	钼(Mo)	磷(P)≤	硫S(%)≤
304	06Cr19Ni10	0.08	18.00-20.00	8.00-10.50	—	0.045	0.030
304L	022Cr19Ni10	0.03	18.00-20.00	8.00-12.00	—	0.045	0.030
316L	022Cr17Ni12Mo2	0.03	16.00-18.50	10.00-14.00	2.00-3.00	0.045	0.030
310S	06Cr25Ni20	0.08	24.00-26.00	19.00-22.00	—	0.045	0.030
2205 (双相钢)	022Cr23Ni5Mo3	0.03	22.00-23.00	4.50-6.50	2.50-3.50	0.040	0.030
430	10Cr17	0.12	16.00-18.00	≤0.60	—	0.040	0.030
410	12Cr13	0.15	11.50-13.50	≤0.60	—	0.040	0.030

2.Mechanical performance parameters

牌号 Grade	屈服强度Rp 0.2(MPa)≥ Yield strength	抗拉强度Rm (MPa)≥ Tensile strength	伸长率%≥ Elongation	硬度 Hardness	核心性能特点 Core performance characteristics
304	205	515	40	201	韧性好、通用性强、易加工焊接 Good toughness, strong versatility, easy to process and weld
304L	170	485	40	201	低碳抗晶间腐蚀，焊接性能优异 Low carbon resistance to intergranular corrosion, excellent welding
316L	170	485	40	201	耐酸碱、抗氯离子、海水环境适配 Acid and alkali resistance, chloride ion resistance, and adaptability to seawater environment
310S	205	520	40	217	耐高温、抗氧化，适配高温炉体设备 High temperature resistance, oxidation resistance, suitable for high-temperature furnace equipment
2205	450	620	25	293	高强度、抗应力腐蚀、适配严苛工况 High strength, stress corrosion resistance, and adaptability to harsh working conditions
430	205	450	22	183	性价比高、抗氧化、装饰性良好 High cost-effectiveness, anti-oxidation, and good decorative properties
410	275	520	15	217	可淬火硬化、硬度高、耐磨性能好 Can be quenched and hardened, with high hardness and good wear resistance

GALVANIZED SHEET

Product Description

♦ GALVANIZED STEEL SHEET (GI)





Description- Galvanized Steel Sheet (GI) :

Standard: ASTM A653, JIS G3302, EN 10346, GB/T 2518

Grade:

①Commercial (CS Type A/B/C), Forming (FS)

②Structural (SS230/SS340/SS550)

③Deep Drawing (DDS/EDDS)

Zinc Coating: Z40g - Z275g/㎡ (G90)

Size: Thickness 0.15-3.5mm; Width 600-1500mm

Application: HVAC pipes, keels, household appliance casings, distribution cabinets

♦ ALUZINC GALVALUME STEEL SHEET (GL)





Description- Aluzinc Galvalume Steel Sheet (GL) :

Standard: ASTM A792, JIS G3321, EN 10346, AS 1397

Grade: CS Type A/B, SS33/SS37/SS40/SS50/SS80

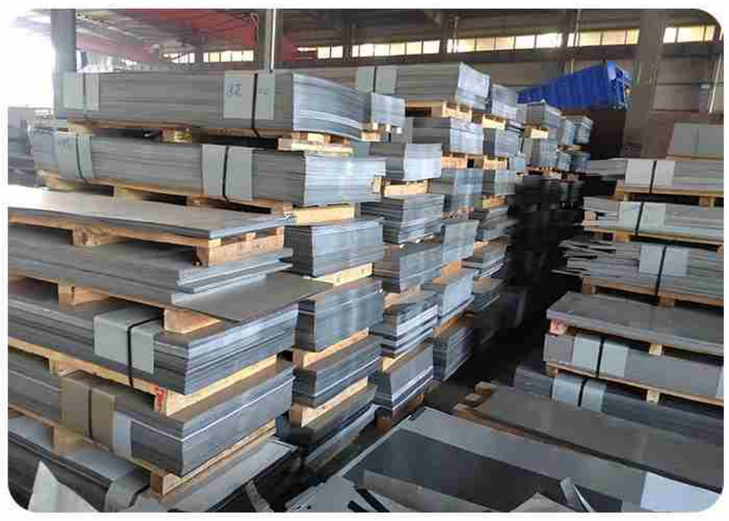
Al-Zn Coating: AZ30g - AZ150g/㎡

Surface: SFP (ordinary oil surface), AFP (transparent/gold fingerprint resistant)

Application: Coastal building roofs, mufflers, oven panels, photovoltaic brackets

♦ PREPAINTED STEEL SHEET - PPGI/PPGL





Description- Prepainted Steel Sheet - PPGI/PPGL :

Coating Structure: Top/Bottom (2/1, 2/2)

Grade: CGCC, TDC51D+AZ, G550 (for high-strength steel structures)

Paint Type: PE (polyester), HDP (high weather resistance), PVDF (fluorocarbon), SMP

Color: RAL Color System (such as RAL 9002, 5012, 3020)

Application: Industrial plant panels, cold storage panels, rolling shutter doors, container panels

♦ GI & GL CORRUGATED ROOFING STEEL SHEET





Description- GI & GL Corrugated Roofing Steel Sheet :

Thickness: 0.12mm - 0.8mm

Profiles: YX25-210-840, YX35-125-750, YX15-225-900, 1050, 1220

Features: Surface color, economical and durable, high-strength and lightweight

Application: Simple warehouse, temporary enclosure, civilian roof

♦ PPGI/PPGL COLOR COATED CORRUGATED ROOF SHEET





Description- PPGI/PPGL Color Coated Corrugated Roof Sheet :

Profiles: 840/900 type, 1050/1080, glazed tile type (Antique)

Colors: Sea Blue, White Grey, Bright Red

Features: Insulated, aesthetically pleasing, corrosion-resistant, and wind resistant

Color: RAL Color System (such as RAL 9002, 5012, 3020)

Application: Modern factories, new rural construction, warehousing and logistics centers

Detailed specifications

Mainstream brand performance parameters

1.Chemical composition of substrate (DX51D standard)

化学元素 Chemical element	含量标准（质量分数） Content standard (quality score)	性能作用 Performance Function
碳（C）	≤0.12%	低碳含量保障优异的冷成型性与焊接性能，减少加工开裂 Low carbon content ensures excellent cold formability and welding performance, reducing processing cracking
锰（Mn）	≤0.60%	提升钢材强度与韧性，平衡成型性能与结构稳定性 Enhance the strength and toughness of steel, balance formability and structural stability
磷（P）	≤0.10%	严控杂质含量，避免钢材冷脆，提升低温加工性能 Strictly control impurity content, avoid steel cold brittleness, and improve low-temperature processing performance
硫（S）	≤0.045%	降低杂质危害，保障板材延展性与可焊性，避免表面缺陷 Reduce the harm of impurities, ensure the ductility and weldability of the board, and avoid surface defects
硅（Si）	≤0.50%	适度提升基材强度，严控含量防止镀层附着力下降 Moderately increase the strength of the substrate, strictly control the content to prevent a decrease in coating adhesion
铝（Al）	≤0.015%	细化钢材晶粒，提升韧性与镀层结合稳定性 Refining the grain size of steel, improving toughness and coating adhesion stability

2.Core brand mechanical performance parameters

材质牌号 Material Grade	屈服强度(MPa) Yield strength	抗拉强度(MPa) Tensile strength	延伸率(%) Elongation rate	适用加工场景 Applicable processing scenarios
DX51D	140-300	270-500	≥22	通用折弯、钣金、简易成型加工 General bending, sheet metal, and simple forming processing
DX54D	120-260	260-420	≥28	深冲、拉伸、复杂异形配件加工 Deep drawing, stretching, and processing of complex shaped parts
SGH340	≥340	≥410	≥18	结构件、承重支架、中小型钢结构 Structural components, load-bearing brackets, small and medium-sized steel structures
S550GD	≥550	≥600	≥12	高强结构、光伏支架、重型设备框架 High strength structure, photovoltaic bracket, heavy equipment frame

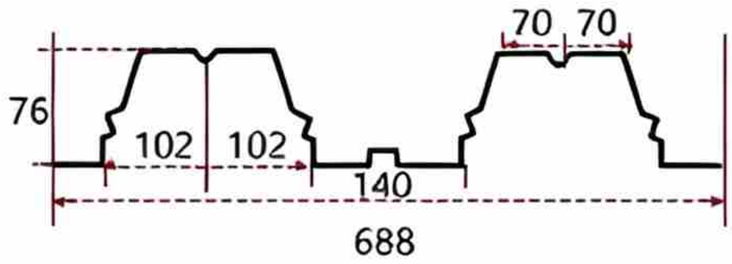
Product Selection

Color reference for corrugated board

ral 1000	ral 1001	ral 1002	ral 1003	ral 1004	ral 1005	ral 1006	ral 1007
ral 1011	ral 1012	ral 1013	ral 1014	ral 1015	ral 1016	ral 1017	ral 1018
ral 1019	ral 1020	ral 1021	ral 1023	ral 1024	ral 1027	ral 1028	ral 1032
ral 1033	ral 1034	ral 2000	ral 2001	ral 2002	ral 2003	ral 2004	ral 2008
ral 2009	ral 2010	ral 2011	ral 2012	ral 3000	ral 3001	ral 3002	ral 3003
ral 3004	ral 3005	ral 3007	ral 3009	ral 3011	ral 3012	ral 3013	ral 3014
ral 3015	ral 3016	ral 3017	ral 3018	ral 3020	ral 3022	ral 3027	ral 3031
ral 4001	ral 4002	ral 4003	ral 4004	ral 4005	ral 4006	ral 4007	ral 4008
ral 4009	ral 5000	ral 5001	ral 5002	ral 5003	ral 5004	ral 5005	ral 5007
ral 5008	ral 5009	ral 5010	ral 5011	ral 5012	ral 5013	ral 5014	ral 5015
ral 5017	ral 5018	ral 5019	ral 5020	ral 5021	ral 5022	ral 5023	ral 5024
ral 6000	ral 6001	ral 6002	ral 6003	ral 6004	ral 6005	ral 6006	ral 6007
ral 6008	ral 6009	ral 6010	ral 6011	ral 6012	ral 6013	ral 6014	ral 6015
ral 6016	ral 6017	ral 6018	ral 6019	ral 6020	ral 6021	ral 6022	ral 6024
ral 6025	ral 6028	ral 6027	ral 6028	ral 6029	ral 6032	ral 6033	ral 6034
ral 7000	ral 7001	ral 7001	ral 7002	ral 7003	ral 7004	ral 7005	ral 7006
ral 7008	ral 7009	ral 7010	ral 7011	ral 7012	ral 7013	ral 7015	ral 7016
ral 7021	ral 7022	ral 7023	ral 7024	ral 7026	ral 7030	ral 7031	ral 7032
ral 7033	ral 7034	ral 7035	ral 7036	ral 7037	ral 7038	ral 7039	ral 7040
ral 7002	ral 7043	ral 7044	ral 8000	ral 8001	ral 8002	ral 8003	ral 8004
ral 8007	ral 8008	ral 8011	ral 8012	ral 8014	ral 8015	ral 8018	ral 8017
ral 8019	ral 8022	ral 8023	ral 8024	ral 8025	ral 8028	ral 9001	ral 9002
ral 9003	ral 9004	ral 9005	ral 9010	ral 9011	ral 9016	ral 9017	ral 9018

Product Selection

Reference for corrugated board tile type



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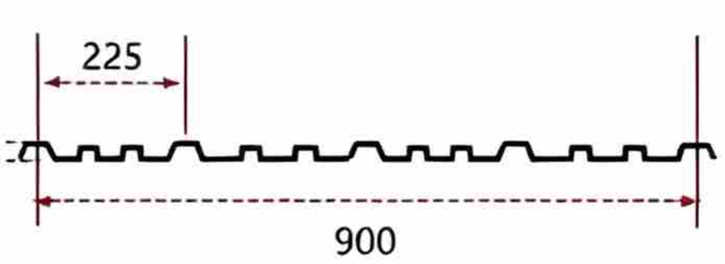
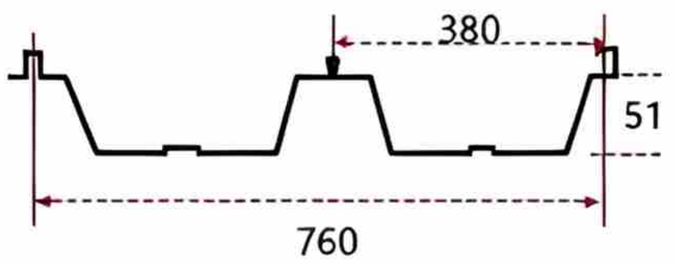
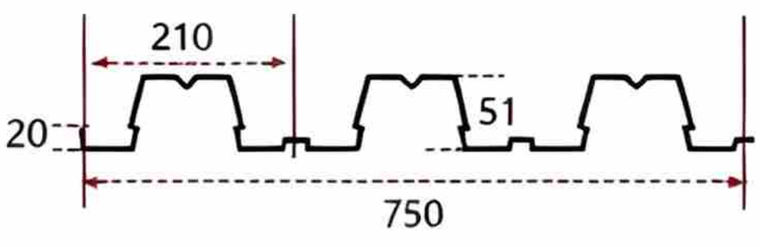


NX15-255-90



NX51-380-760



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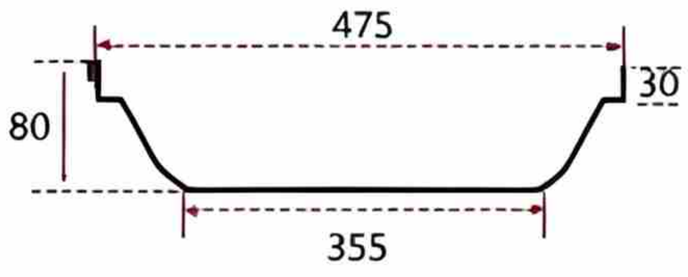
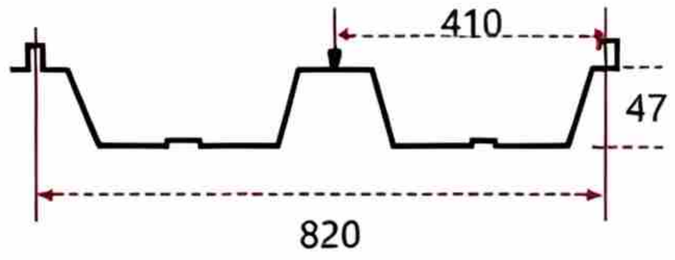
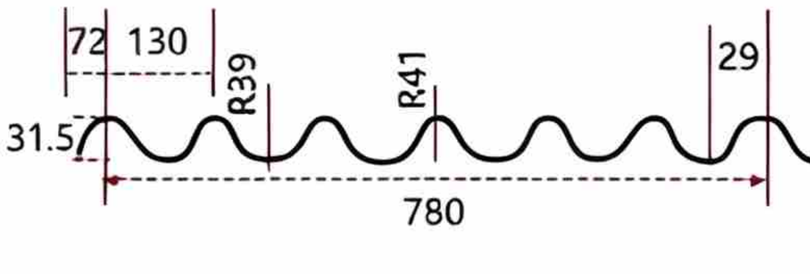


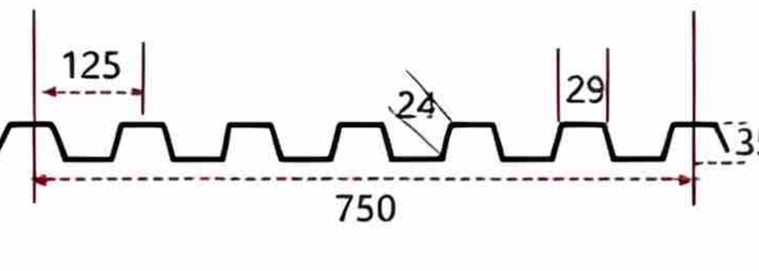
NX470



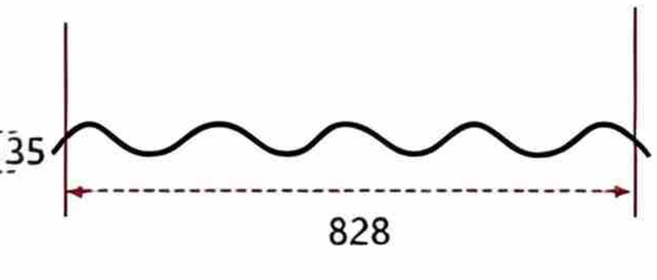
NX47-410-820



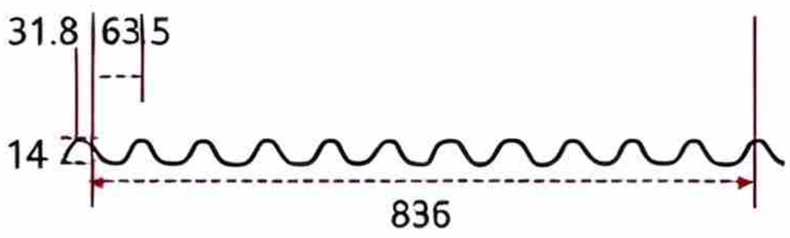
NX31.5-130-780



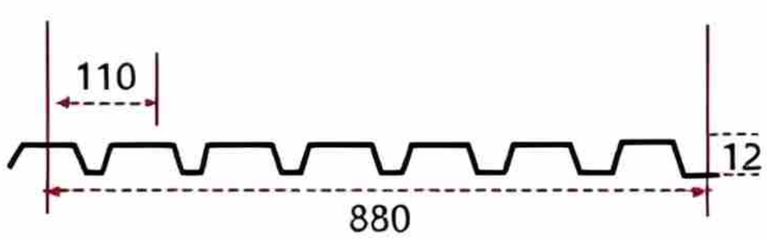
NX35-125-750



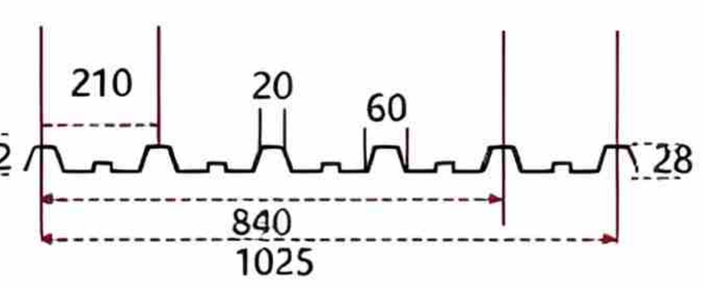
NX828



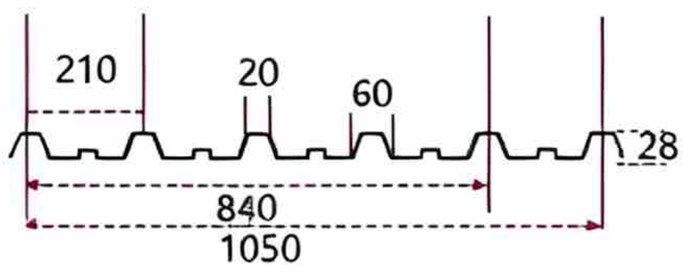
NX14-65-836



NX12-100-900B



NX25-210-840(1025)



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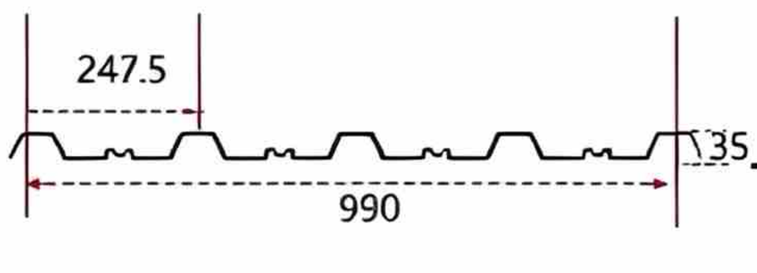
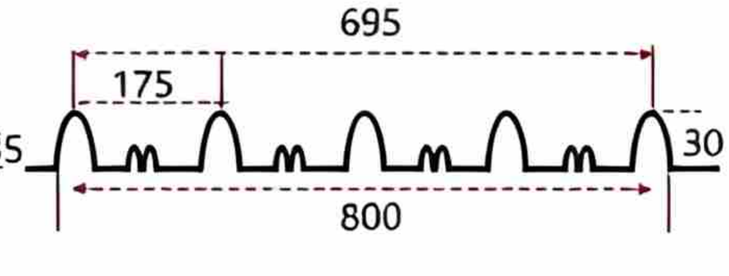


NX35-247.5-990



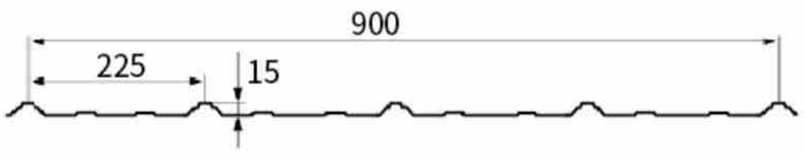
NX30-175-695

Product Selection

COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列

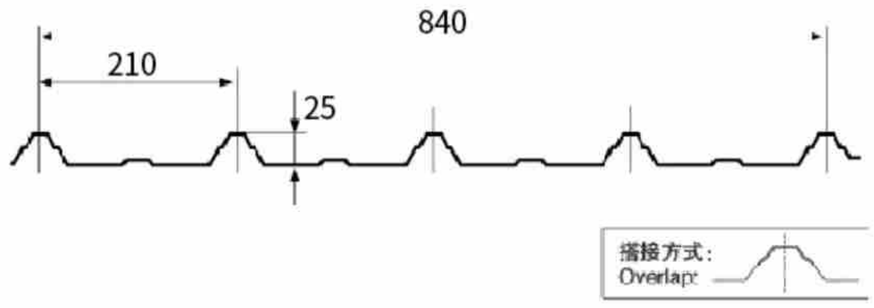




YX 15-225-900 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.4	5.3	2.82
0.3	7.958	4.235
0.8	10.71	5.68

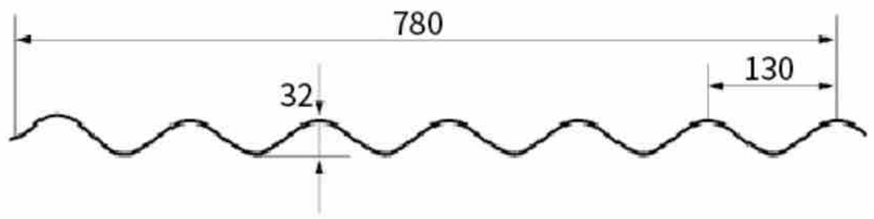




YX 25-210-840 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.4	8.03	3.52
0.6	10.76	5.62
0.8	16.04	7.13
1.0	20.05	8.91

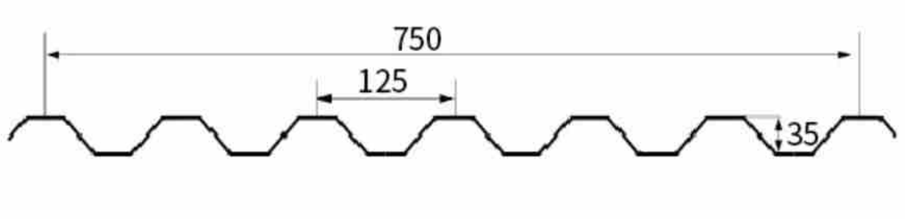




YX 32-130-780 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.4	7.45	3.63
0.6	10.92	5.73
0.8	14.76	7.56
1.0	18.75	9.48





YX 35-125-750 展开宽度(Coilwidth):1000mm

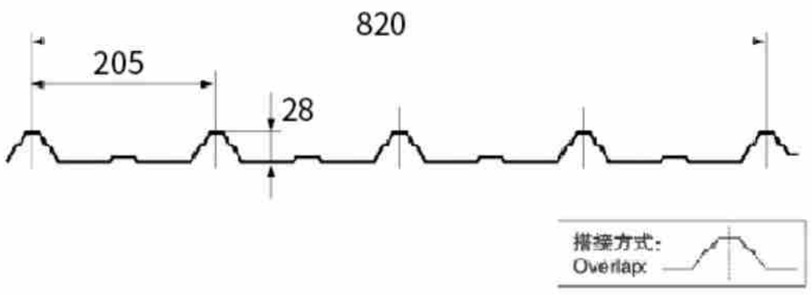
厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	11.54	6.23
0.7	16.51	8.57
1.0	23.54	12.44
1.2	28.25	19.93

Product Selection

COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列

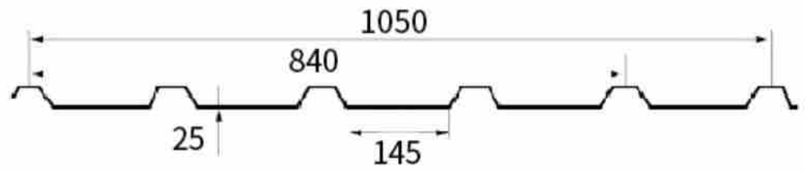




YX 28-205-820 展开宽度(Coilwidth):1000mm

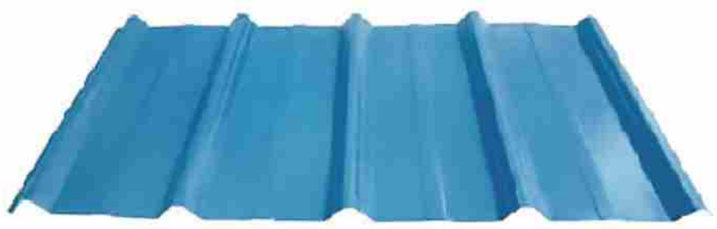
厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.4	8.03	3.52
0.6	10.76	5.62
0.8	16.04	7.13
1.0	20.05	8.91

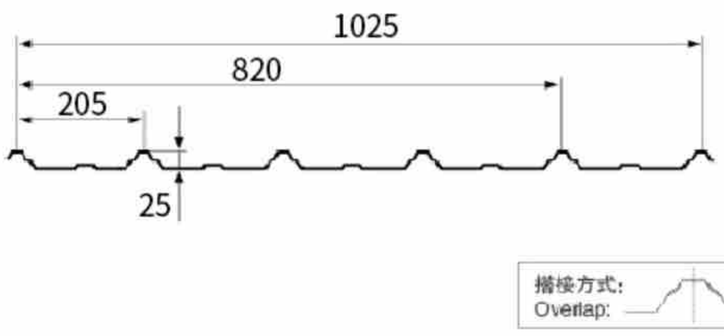




YX 25-210-840/1050 展开宽度(Coilwidth):1000/1250mm

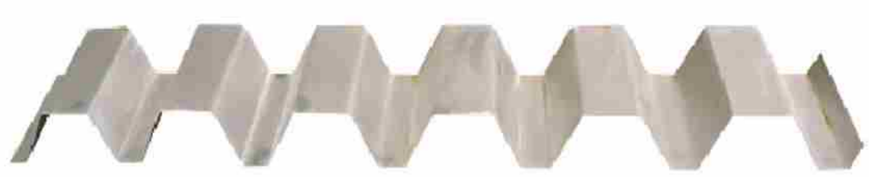
厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	9.18	4.68
0.6	10.76	5.62
0.8	14.688	7.49
1.0	18.37	9.46

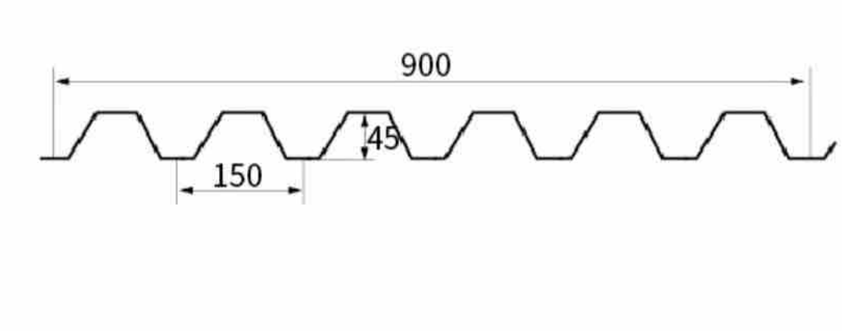




YX 25-205-820/1025 展开宽度(Coilwidth):1000/1200mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	33.45	15.24
0.6	34.86	14.72
0.8	37.74	12.68



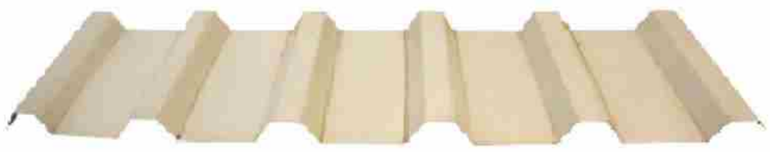


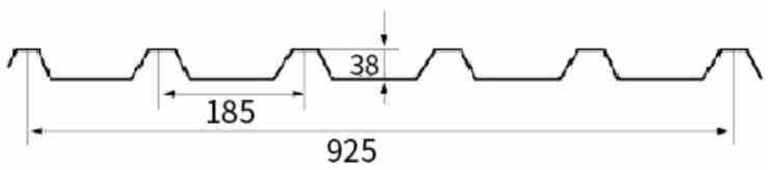
YX 45-150-900 展开宽度(Coilwidth):1220mm

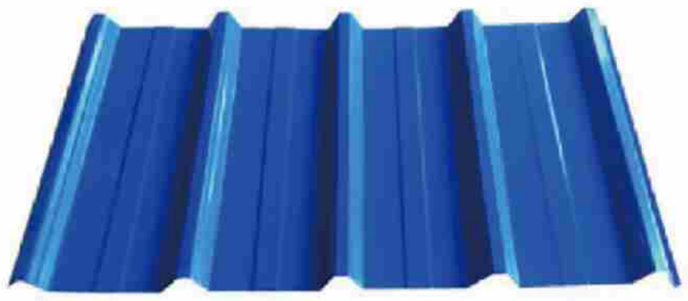
厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	18.46	8.12
0.6	30.13	13.10
1.0	36.92	16.24
1.2	44.30	19.49

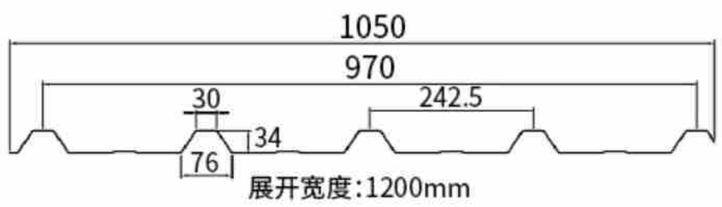
COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列







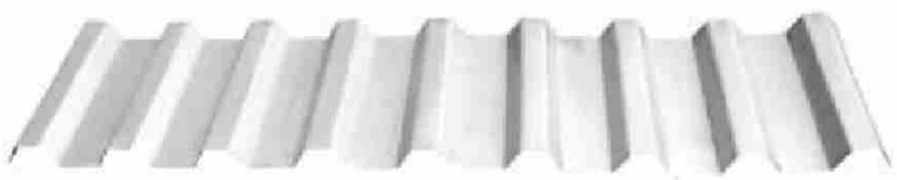


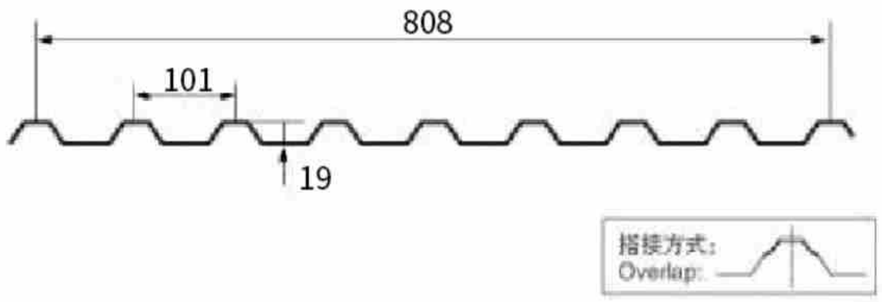
YX 38-185-925 展开宽度(Coilwidth):1200mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.4	10.759	7.16
0.5	13.45	8.92
0.6	16.15	10.67
0.8	19.32	13.42

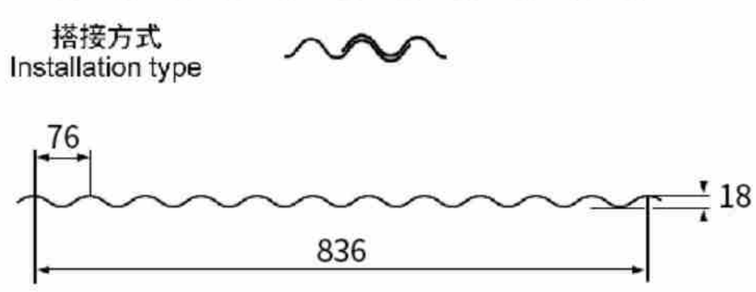
YX 34-242.5-970 展开宽度(Coilwidth):1200mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	14.12	12.08
0.6	14.66	14.32
0.8	19.66	18.92









展开宽度 (Cover width):1000mm

YX 19-101-808 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.6	4.05	3.21
0.7	5.67	4.27
0.8	7.42	5.86
1.0	10.41	7.49

YX 18-76-836 展开宽度(Coilwidth):1000mm

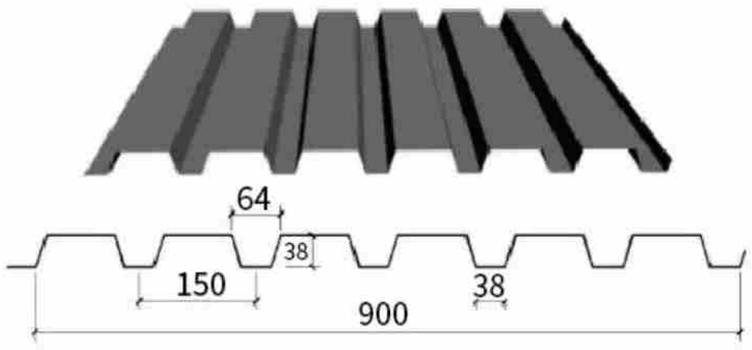
厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	6.98	3.71
0.6	8.37	4.45
0.8	11.16	5.93
1.0	13.96	7.42

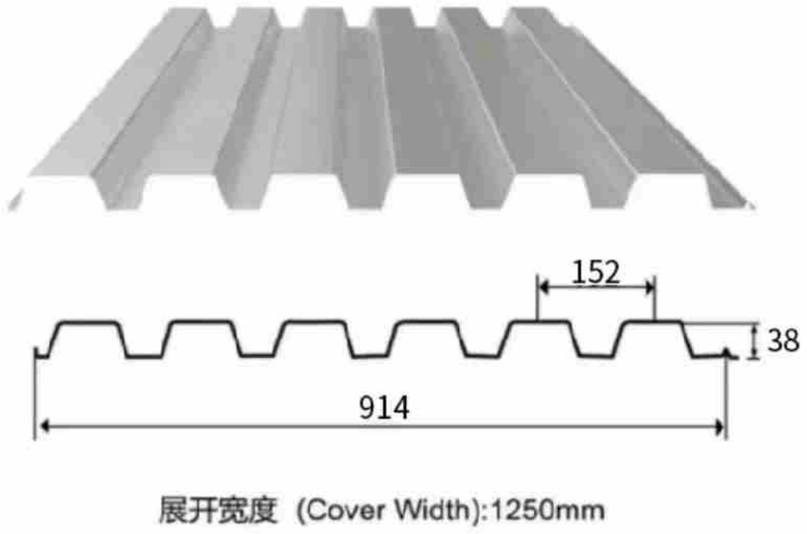
Product Selection

COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列

YX38-150-900（楼面）





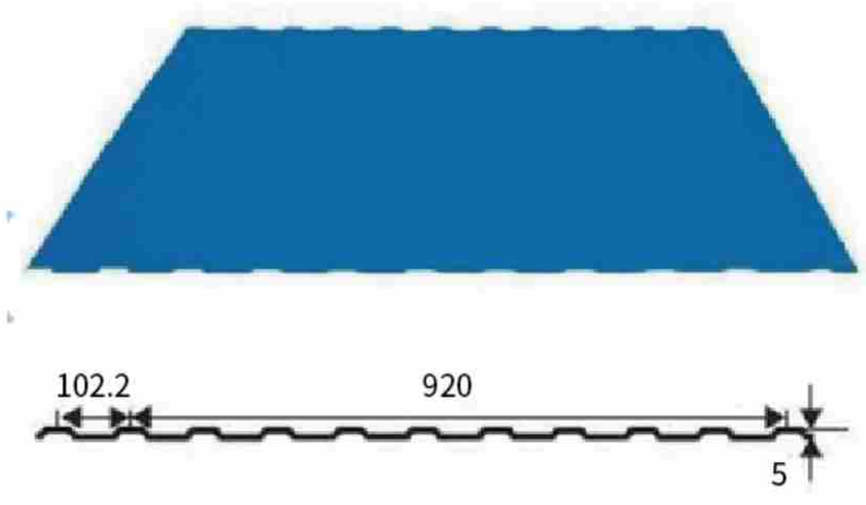
展开宽度（Cover Width):1250mm

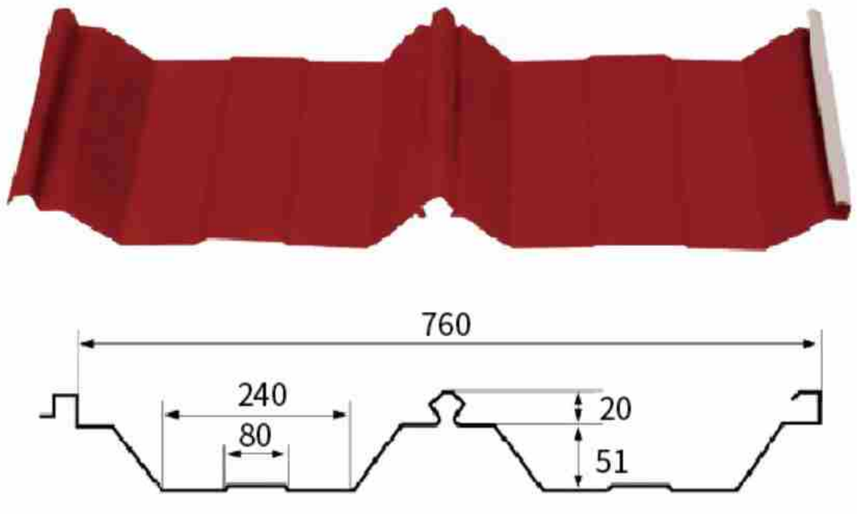
YX 38-150-900 展开宽度(Coilwidth):1200mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	21.75	11.55
1.0	24.42	12.99
1.2	27.08	14.44

YX 38-152-914 展开宽度(Coilwidth):1250mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	21.75	11.55
1.0	24.42	12.99
1.2	27.08	14.44





YX 5-102.2-920 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.4	4.76	2.98
0.5	5.33	3.57
0.6	6.28	4.16

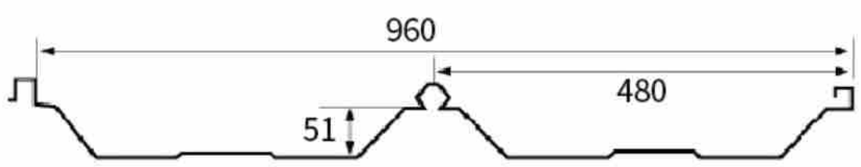
YX 71-380-760 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.5	31.06	10.24
0.6	37.27	12.29
0.8	49.69	16.39
1.0	62.11	20.48

COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列

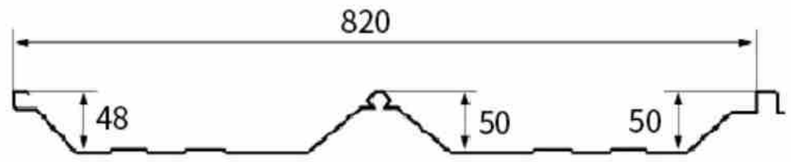




YX 51-480-960 展开宽度(Coilwidth):1200mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.6	36.17	11.34
0.8	49.27	15.85
1.0	65.68	24.56

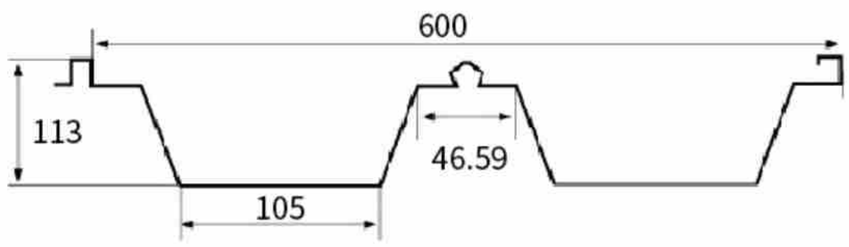




YX 50-410-820 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.6	30.61	8.95
0.8	37.49	11.92

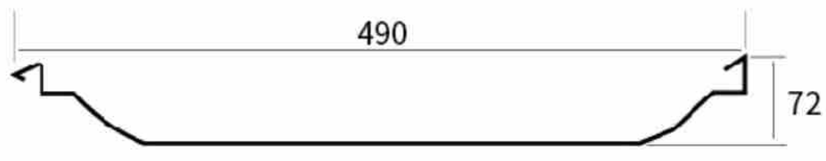




YX 113-300-600 展开宽度(Coilwidth):914mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.6	67.23	22.17
0.8	89.64	29.67
1.0	112.54	36.57
1.2	134.46	44.34





YX 72-490 展开宽度(Coilwidth):600mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.6	10.38	2.95
1.0	17.30	4.92

Product Selection

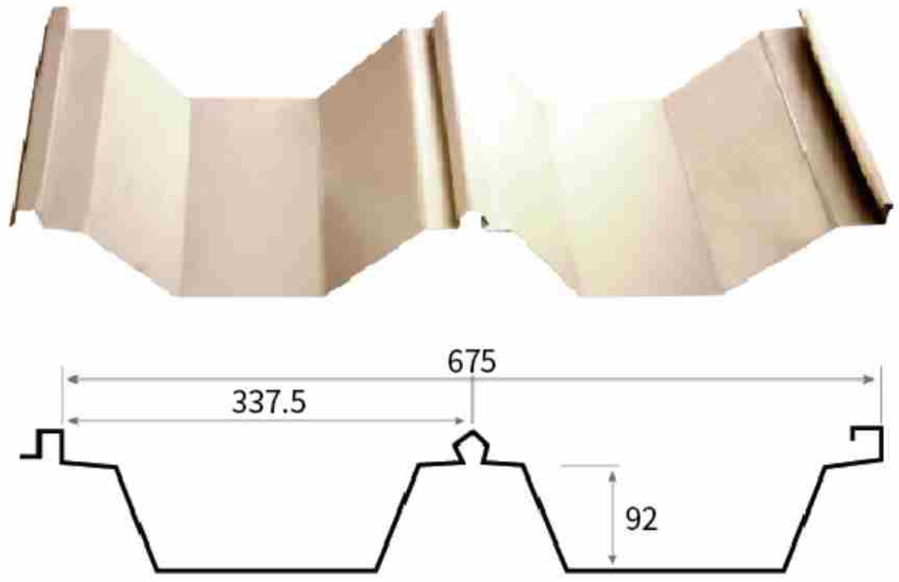
COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列



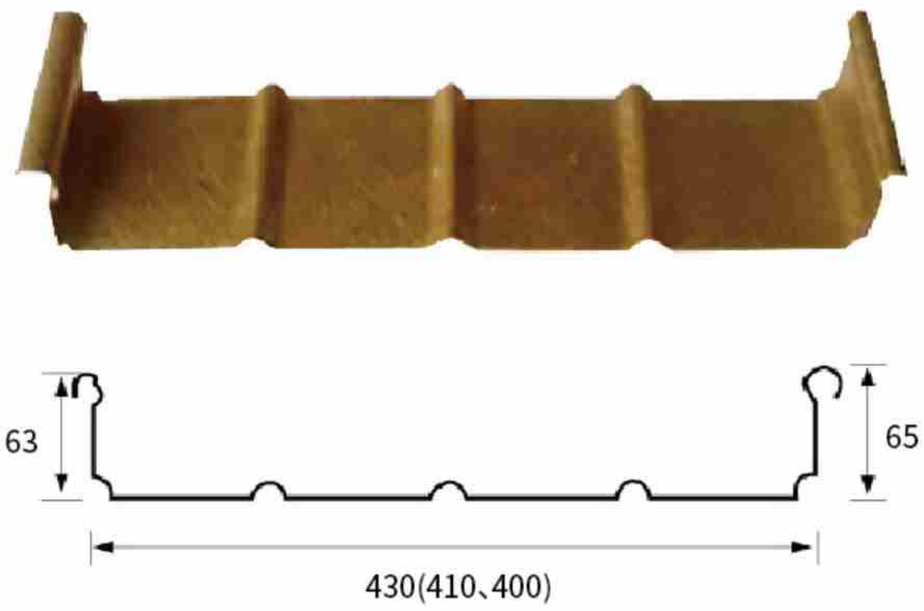
YX 72-475 展开宽度(Coilwidth):600mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.5	11.2	8.93
0.6	13.2	11.10
0.8	17.92	14.29



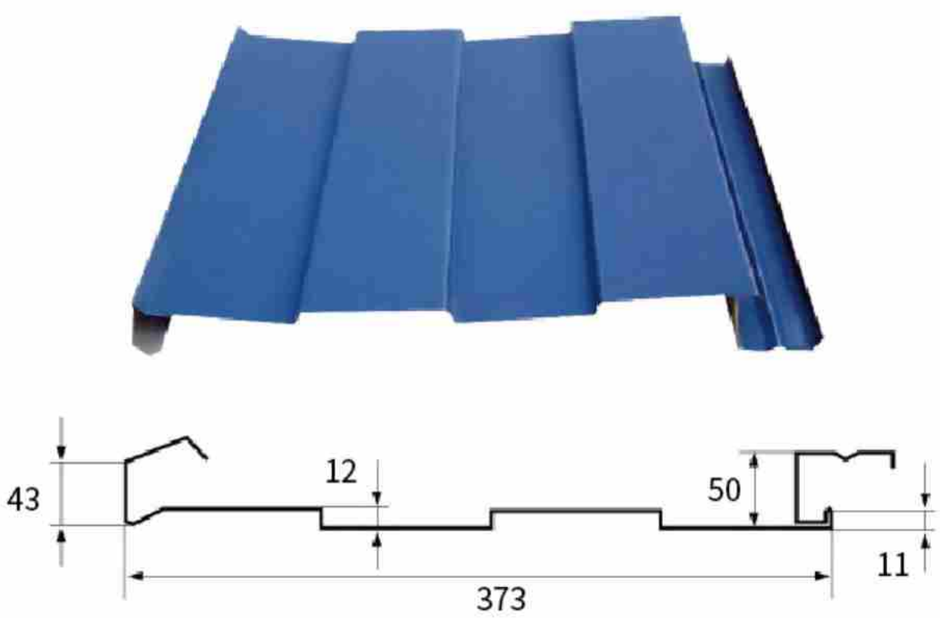
YX 92-337.5-675 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.5	67.23	22.17
0.8	89.64	28.57
10	112.04	36.94



YX 65-430(410/400) 展开宽度(Coilwidth):600mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.5	10.83	9.82
0.6	12.67	11.46
0.8	16.52	14.96
1.0	21.66	19.64



YX 50-373 展开宽度(Coilwidth):600mm

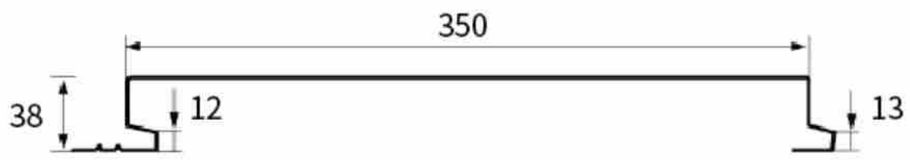
厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm⁴/m)	截面抵抗矩 Section of modulus(cm³/m)
0.5	16.10	8.50
0.6	22.40	10.20
0.8	27.76	13.60

Product Selection

COLORED STEEL CONTOUR PLATE SERIES

彩钢压型板系列





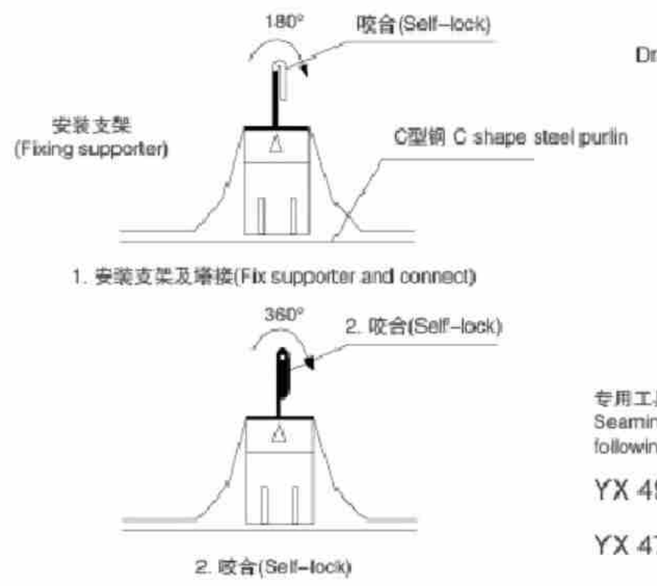
YX 38-350 展开宽度(Coilwidth):500mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.0	22.12	11.35
0.8	26.32	32.24
1.0	32.14	18.55



筛网冲孔图
Drawing of mesh punched

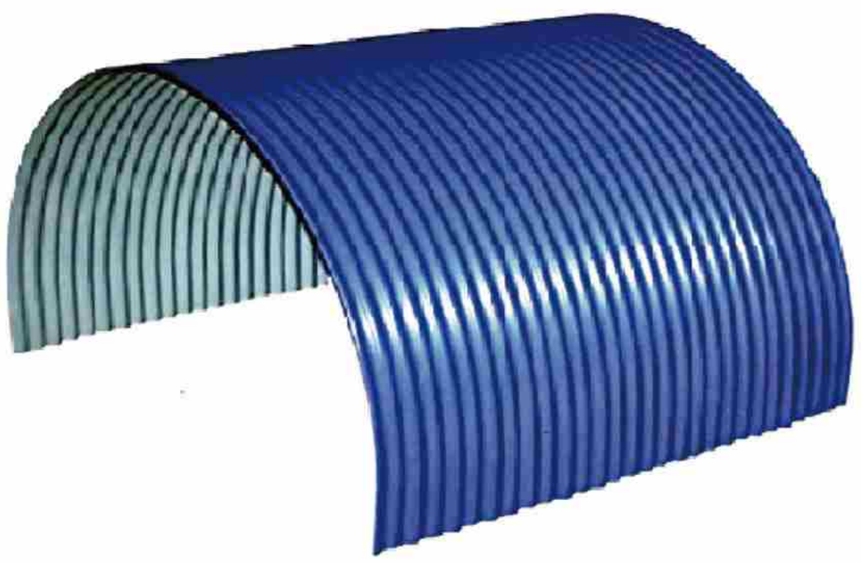
支架安装图
Drawing of bracket installation



专用工具咬合适用于：
Seaming machine specially for the following types:

YX 490　YX 360

YX 476　YX 810



拱弯板 Crimped panel



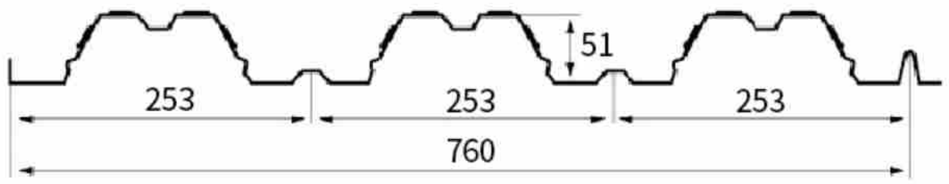
打弯板 Crimped panel available

Product Selection

STEEL FLOOR DECKING PANEL SERIES

钢制楼承板系列

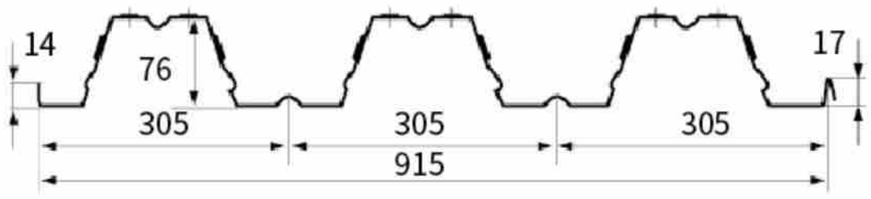




YX 51-253-760 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	53.8	19.3
1.0	67.3	24.2
1.2	80.8	29.2



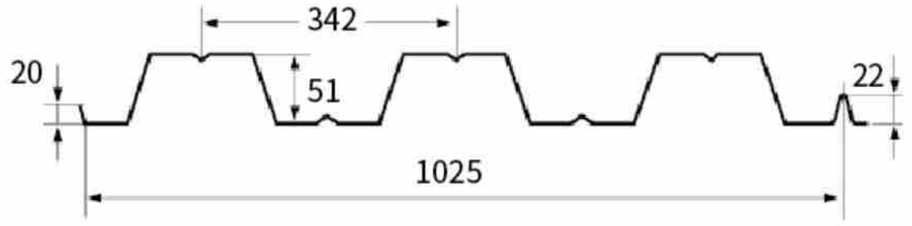




YX 76-305-915 展开宽度(Coilwidth):1250mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	10.6.6	24.46
1.0	127.9	30.76
1.2	171.3	42.15
1.5	214.1	52.41

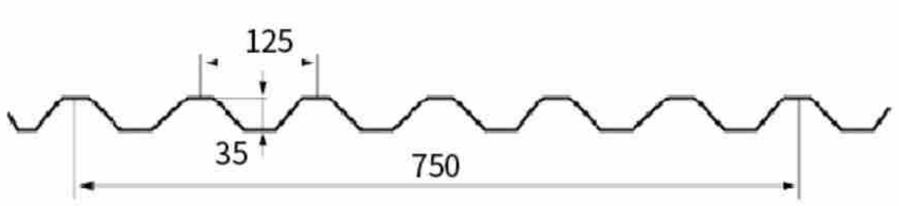




YX 51-342-1025 展开宽度(Coilwidth):1250mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	46.7	15.2
1.0	63.5	20.13
1.2	73.7	25.6
1.5	92.2	32.4





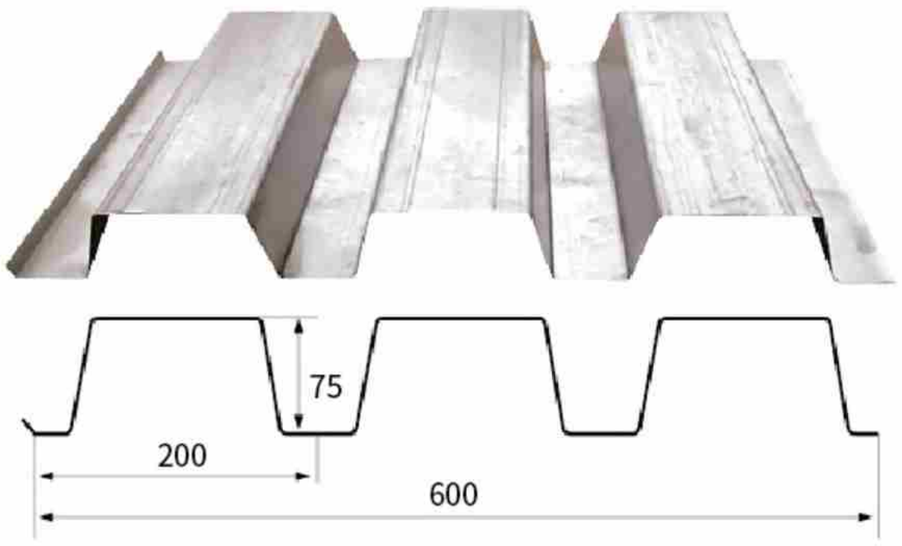
YX 35-125-750 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
1.0	23.54	12.44
1.5	35.31	18.66
2.0	47.08	24.88
3.0	70.62	37.32

Product Selection

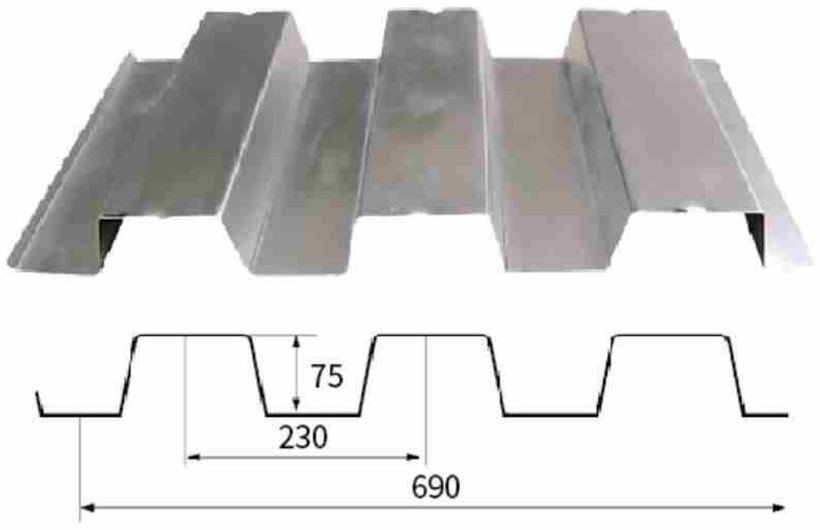
STEEL FLOOR DECKING PANEL SERIES

钢制楼承板系列



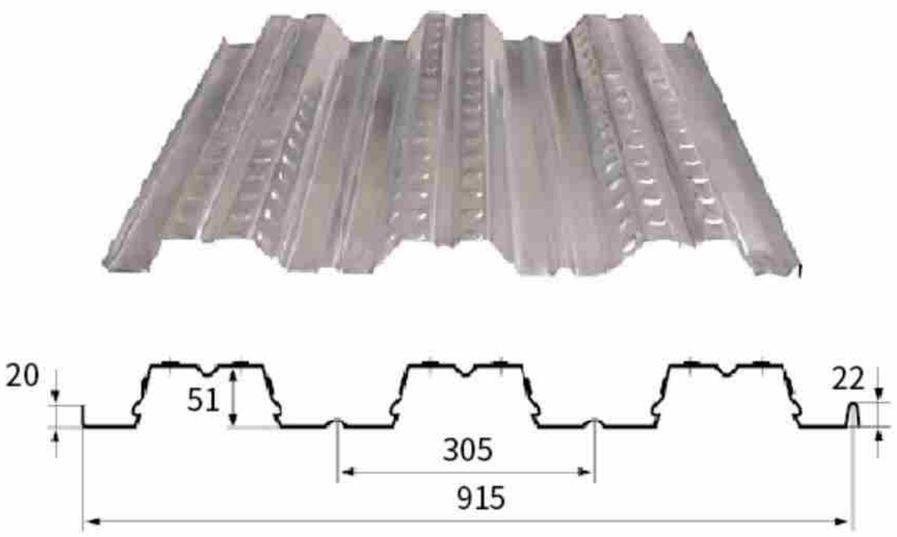
YX 75-200-600 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	89.35	23.7
1.0	103.5	25.7
1.2	118.6	31.6
	149.8	40.01



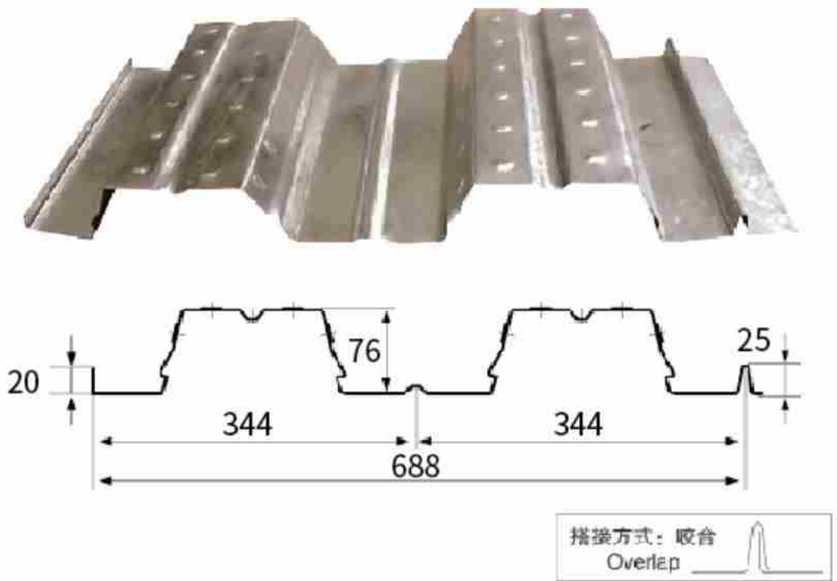
YX 75-230-690 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	123.8	30.8
1.0	152.6	36.6
1.2	180.8	42.2
1.5	223.6	51.9



YX 51-305-915 展开宽度(Coilwidth):1170mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.85	60.01	20.96
1.0	70.60	24.66
1.2	81.90	30.24
1.5	105.90	36.99



YX 76-344-688 展开宽度(Coilwidth):1000mm

厚度 Thickness(mm)	截面惯性矩 Moment of inertia(cm^4/m)	截面抵抗矩 Section of modulus(cm^3/m)
0.8	91.62	23.46
1.0	119.38	30.61
1.2	142.01	36.98
1.4	167.34	43.9
1.5	178.70	46.80

TINPLATE（ETP）

Product Description

♦ ELECTROLYTIC TINPLATE (ETP)





Description- Electrolytic Tinplate (ETP) :

Standard: GB/T2520、ASTM A623

Grade:

Single Reduced (SR): T1, T2, T2.5, T3, T4, T5

Double Reduced (DR): DR7, DR8, DR9, DR9M

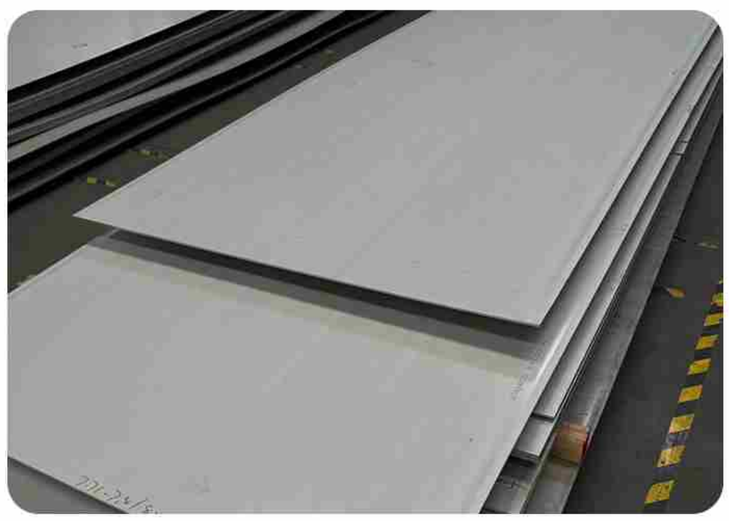
Annealing: BA (bell annealing), CA (continuous annealing)

Tin Coating: 1.1/1.1, 2.8/2.8, 5.6/5.6, 8.4/11.2 (g/㎡)

Surface Finish: Bright、Stone、Silver、Matte

Application: Food cans, spray cans, paint buckets, milk powder cansnuclear power engineering

♦ TIN FREE STEEL (TFS / ECCS) SHEET





Description- Tin Free Steel (TFS / ECCS) Sheet :

Coating: 50-150 mg/㎡ (double-sided chrome plating+chromium oxide)

Grade:

Single Reduced (SR): T1, T2, T2.5, T3, T4, T5

Double Reduced (DR): DR7, DR8, DR9, DR9M

Advantage:Excellent paint adhesion, sulfur resistance, and lower cost than ETP

Standard: ASTM A623/A657, JIS G3315, EN 10202

Application: Crown cover, unscrewed cover, can bottom/top cover, battery case, ink can

Detailed specifications

Core technical parameters

1.Chemical composition standard for substrate

化学元素 chemical element	质量分数限值 Quality score limit	性能说明 Performance Specifications
碳（C）	≤0.08%	超低碳材质，保障极致延展性，杜绝深冲开裂 Ultra low carbon material ensures ultimate ductility and prevents deep drawing cracking
锰（Mn）	≤0.40%	均衡基材强度与韧性，稳定加工性能 Balance substrate strength and toughness, stabilize processing performance
磷（P）	≤0.020%	严控杂质，提升耐腐蚀性，满足食品级安全 Strictly control impurities, enhance corrosion resistance, and meet food grade safety requirements
硫（S）	≤0.020%	降低杂质缺陷，防止镀层脱落、板面氧化 Reduce impurity defects, prevent coating detachment and surface oxidation
硅（Si）	≤0.03%	细化晶粒，保障板面光洁度与镀层附着力 Refine grain size to ensure surface smoothness and coating adhesion

2.Mechanical performance parameters of tempering grade

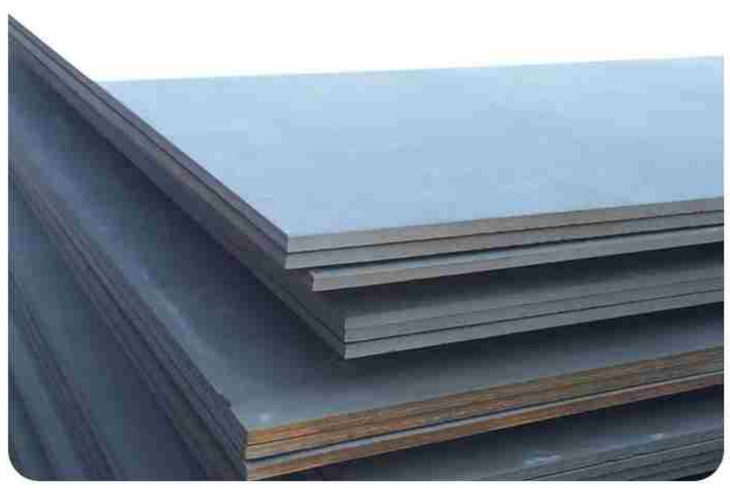
轧制类型 Rolling type	调质牌号 Quenching and tempering grade	硬度HR30Tm Hardness HR30Tm	屈服强度MPa Yield strength	核心用途 Core purpose
SR单次轧制 SR single rolling	T2	53±3	260±50	深冲罐体、复杂拉伸成型件 Deep drawn tank body, complex stretch formed parts
SR单次轧制 SR single rolling	T3	57±3	300±50	通用食品罐、瓶盖、常规冲压件 General food cans, bottle caps, and conventional stamped parts
SR单次轧制 SR single rolling	T4	61±3	340±50	刚性罐体、罐身、普通密封盖 Rigid tank body, tank body, ordinary sealing cover
SR单次轧制 SR single rolling	T5	65±3	480±50	高强度罐盖、抗变形结构件 High strength can lid, anti deformation structural components
DR二次轧制 DR secondary rolling	DR7.5	71±5	520±50	超薄高强罐体、轻量化精密包装件 Ultra thin high-strength tank body, lightweight precision packaging

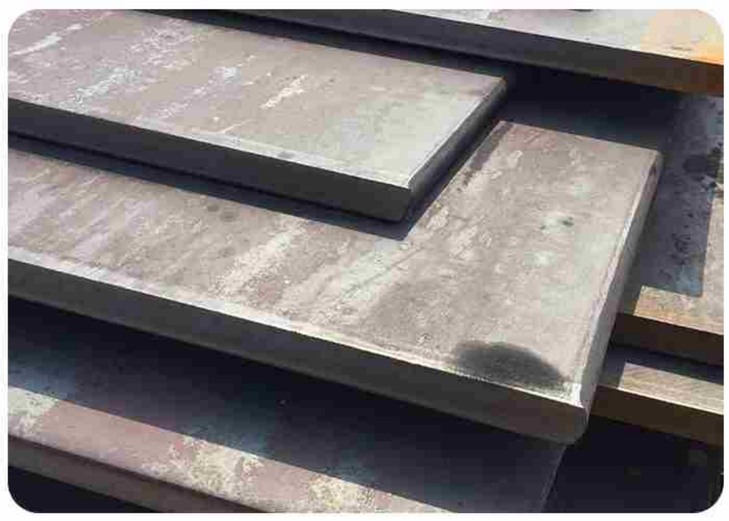
ALLOY PLATE

Product Description

♦ CR-MO LOW ALLOY HEAT RESISTANT STEEL PLATE







Description- Cr-Mo Low Alloy Heat Resistant Steel Plate :

Standard: GB/T 713-2014、GB/T 150、GB/T 12228、GB/T 3274、ASTM A387、A387M-25、ASME SA-387、ASTM A20、EN 10028-2、EN 10273、DIN 17175

Grade: 15CrMo、 12Cr1MoV、 12Cr1MoVR、 15CrMoR、 16Mo3 (equivalent to national standards) 13CrMo44、12Cr2Mo1R、ASTM A387 Gr11 CL1/CL2、A387 Gr12 CL1/CL2、A387 Gr22 CL1/CL2、A387 Gr5、A387 Gr91（P91）、A387 Gr92（P92）、13CrMo4-5（1.7335）、16Mo3（1.5415）、10CrMo9-10（1.7380）、12CrMo91

Size:

Thickness: 6mm~250mm; Thickness tolerance ± 0.3~± 1.2mm (increasing with thickness); Can be tempered and thickened to 300mm as needed

Width: 1500mm/1800mm/2000mm/2200mm/2500mm/3800mm/4100mm (maximum width of wide and thick plate production line)

Length: 6000mm/8000mm/10000mm/12000mm, with a maximum length of 18800mm; supports any non-standard cutting and sizing

Application:

①Thermal power/thermal power plant: boiler drum, water-cooled wall header, superheater/reheater pipe cylinder, turbine cylinder plate, steam pipe head

②Petroleum refining hydrogenation unit: hydrogenation reactor, reforming reactor, high-pressure heat exchanger tube plate, oil and gas transportation high-pressure tank body

③Coal chemical&fertilizer industry: ammonia synthesis tower, methanol reaction pressure vessel, high temperature and high pressure cracking equipment

④New energy storage: hydrogen energy storage high-pressure storage tank, molten salt energy storage high-temperature heat exchange tank

⑤Special equipment: air compressor storage tank, boiler gas collection bag, oilfield wellhead pressure bearing components

Product Description

NICKEL BASE & SUPER ALLOY STEEL PLATE







Description- Nickel Base & Super Alloy Steel Plate :

Standard: ASTM B409、ASTM B582、ASME SB-409、GB/T 15007、ASTM B575、ASTM B906、ASME SB-575、ASTM B464、AMS 5542、AMS 5667ASME SA-387、ASTM A20、EN 10028-2、EN 10273、DIN 17175

Grade:

①Inconel series (high-temperature oxidation resistance+high strength)

Inconel 600: UNS N06600 | W.Nr 2.4816 | Domestic GH3600

Inconel 601： UNS N06601 | W.Nr 2.4851 | GH3601

Inconel 625: UNS N06625 | W.Nr 2.4856 | GH3625 (the best-selling main brand overseas)

Inconel 718: UNS N07718 | W.Nr 2.4668 | GH4169 (Aerospace Ace)

Inconel X-750： UNS N07750 | W.Nr 2.4669 | GH4145

Inconel 800/800H/800HT： UNS N08800 / N08810 / N08811 | GH3030/GH3039

②Hastelloy alloy series (strong acid corrosion resistance)

Hastelloy B2： UNS N10665 | W.Nr 2.4617

Hastelloy C22： UNS N06022 | W.Nr 2.4819

Hastelloy C276: UNS N10276 | W.Nr 2.4819 | GH3128 (original base version)

Hastelloy G30： UNS N06030 | W.Nr 2.4603

Hastelloy X： UNS N06002 | W.Nr 2.4613 | GH3536

③Monel copper nickel alloy (resistant to seawater+fluoride ion corrosion)

Monel 400： UNS N04400 | W.Nr 2.4360 | NCu30

Monel K500: UNS N05500 | W.Nr 2.4375 (age strengthened type, higher hardness)

④Nickel 200/201 pure nickel plate, Alloy 59, Alloy 926, Nimonic series high-temperature alloys

Size: Cold Rolled Sheet

Thickness: 0.1mm~3.0mm

Conventional format: 1000 × 2000mm, 1220 × 2440mm, 1500 × 3000mm

Width can be divided into fine cutting strips: the minimum cutting width is ≥ 10mm, and the length can be cut arbitrarily

Description- Nickel Base & Super Alloy Steel Plate :

Size: Hot Rolled Plate

Thickness: 3mm~200mm; Maximum customizable forging thickness 250mm

Standard width: 1000~2500mm; ultra long board length 1000~12000mm, supports irregular cutting and waterjet zero cutting

Standard inner diameter of rolled plate: 508mm, single roll weight 500kg~8000kg

Application:

①Inconel 625/718: Aircraft engine combustion chambers, gas turbine blade substrates, rocket nozzles, nuclear reactor internals, and pressure resistant shells for deep-sea exploration equipment

②Hastelloy C276/C22: Wet metallurgical pickling equipment, caustic soda/pesticide chemical reaction kettle, flue gas desulfurization (FGD) device, seawater desalination evaporator, chlorine containing strong corrosion pipeline

③Monel 400/K500: Ship seawater pipelines, anti-corrosion components for offshore platforms, valve pump bodies, fluorine chemical equipment, and anti-corrosion accessories for oil wells

④Incoloy 800 series: Heat treatment furnace chamber, radiation tube, cracking furnace tube plate, waste incineration high-temperature equipment

Detailed specifications

1.Reference for Chemical Composition of Typical Alloy Plates

化学元素 Chemical element	含量标准（质量分数） Content standard (quality score)	性能作用 Performance Function
碳（C）	≤0.24%	保证焊接性能与韧性平衡 Ensure a balance between welding performance and toughness
锰（Mn）	1.20–1.60%	提升强度、细化晶粒 Enhance strength and refine grain size
硅（Si）	0.20–0.55%	脱氧净化、提升板材致密性 Deoxygenation purification and improvement of board density
磷（P）	≤0.035%	降低杂质危害，保障板材延展性与可焊性，避免表面缺陷 Reduce the harm of impurities, ensure the ductility and weldability of the board, and avoid surface defects

Detailed specifications

2.Mechanical performance parameters

牌号 Grade	屈服强度Rp 0.2(MPa)≥ Yield strength	抗拉强度Rm (MPa)≥ Tensile strength	伸长率%≥ Elongation	冲击温度 Impact temperature	核心性能特点 Core performance characteristics
Q355B	≥355	470-630	≥21	At room temperature of 20 ℃	韧性好、通用性强、易加工焊接 Good toughness, strong versatility, easy to process and weld
Q355D	≥355	470-630	≥21	-20℃	低碳抗晶间腐蚀，焊接性能优异 Low carbon resistance to intergranular corrosion, excellent welding
Q460C	≥460	570-720	≥17	0℃	耐酸碱、抗氯离子、海水环境适配 Acid and alkali resistance, chloride ion resistance, and adaptability to seawater environment
Q690D	≥690	770-940	≥14	-20℃	耐高温稳定、抗晶间腐蚀 High-temperature resistant and stable, resistant to intergranular corrosion
Q345R	≥345	510-660	≥21	0℃	耐高温1000℃+，抗氧化性优异 High temperature resistance of 1000 ℃+, excellent oxidation resistance
16MnDR	≥315	490-620	≥21	-40℃	高强度、抗应力腐蚀、耐高压 High strength, stress corrosion resistance, high pressure resistance
15CrMoR	≥295	440-590	≥19	room temperature	性价比高、抗氧化、易加工 High cost-effectiveness, antioxidant, easy to process
NM400	≥1000	1250-1600	≥10	room temperature	可淬火硬化、高硬度、高耐磨 Quenchable, hardenable, high hardness, and high wear resistance

3.Comparison Table of Hardness Parameters for Wear resistant Plates

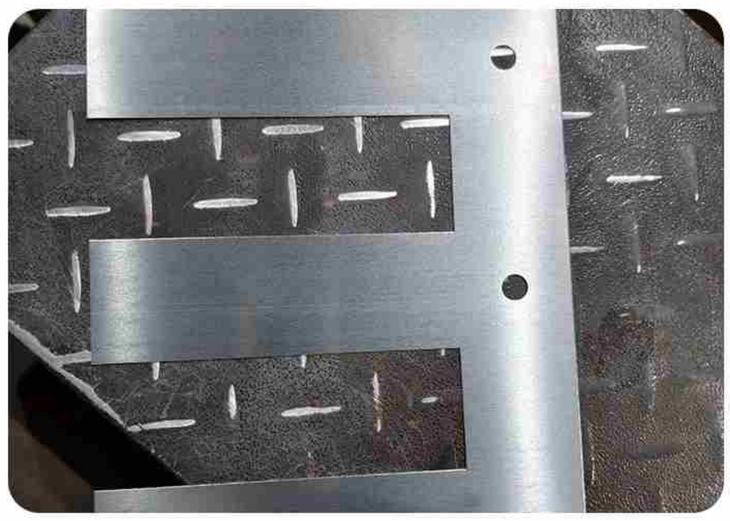
材质 Material	布氏硬度HBW Brinell hardness HBW	性能作用 Performance Function
NM360	≥360	轻度磨损、输送设备、普通衬板 Mild wear and tear, conveying equipment, ordinary lining plate
NM400	≥400	通用耐磨、矿山、工程机械主流 General wear-resistant, mining, and engineering machinery mainstream
NM450	≥450	中重度磨损、高强度冲刷工况 Moderate to severe wear and high-intensity scouring conditions
NM500	≥500	重度磨损、矿山破碎、渣土设备专用 Heavy wear and tear, mining crushing, and specialized equipment for waste disposal

SILICON STEEL SHEET

Product Description

♦ COLD ROLLED GRAIN ORIENTED SILICON STEEL (CRGO) SHEET







Description- Cold Rolled Grain Oriented Silicon Steel (CRGO) Sheet :

Standard: GB/T 2521.2-2016、IEC 60404-8-7、JIS C2553、EN 10107、ASTM A876

Grade:

①Ordinary orientation, regular grade

23Q090、23Q095、27Q110、30Q120、30Q130、35Q145

B23P085、B23P090、B27P100、B30P120、B35P155

②HiB high magnetic orientation silicon steel (ultra-low loss, large power transformer)

B23R075, B27R085, 30QH105, 23QH080 (magnetic domain refinement laser scoring, noise reduction and low iron loss)

Size:

Nominal fixed thickness (industry standard thickness, only 4 mainstream types)

0.23mm、0.27mm、0.30mm、0.35mm

Width range: 700mm~1200mm (original mother roll width), can be longitudinally cut and divided into any narrow width as needed

Dimensional tolerance (mandatory by national standards)

Thickness tolerance: 0.23mm ± 0.025mm; 0.27/0.30/0.35mm ± 0.03mm

Width deviation: 0~+2mm; sickle bend within 2 meters ≤ 1.0mm; unevenness ≤ 1.5%

Application:

①State Grid's large-scale distribution transformers, power main transformers, and dry-type transformers

②Transformer, voltage/current metering transformer, reactor core

③Photovoltaic inverter energy storage transformer, wind power box transformer, high-speed rail traction transformer

④Military special power supply, medical nuclear magnetic equipment excitation iron core

Product Description

♦ COLD ROLLED NON-ORIENTED SILICON STEEL (CRNO) SHEET





Description- Cold Rolled Non-Oriented Silicon Steel (CRNO) Sheet :

Standard: GB/T 2521.1-2016、IEC 60404-8-4、EN 10106、JIS C2552、ASTM A677

Grade:

①0.5mm thick (50WW series, most universal)

50WW470、50WW600、50WW800、50WW1000、50WW1300、50WW400、50WW310、50WW250、B50A470、B50A600、B50A800

②0.35mm thin specification (35WW series, high-efficiency motor)

35WW230、35WW250、35WW270、35WW300、35WW360

B35A230、B35A300

Size:

Mainstream thickness: 0.10/0.15/0.20/0.25/0.27/0.35/0.50mm

Original factory mother roll width: 1000/1200/1250mm, supports precision longitudinal cutting and slitting, stamping of fixed length pieces

The inner diameter of the core is 508mm, and the weight of the coil is 1.5-7 tons; Can be flattened into 1000 × 2000 and 1220 × 2440 standard boards

The surface is uniformly coated with inorganic insulation, and the insulation resistance meets the requirements of motor laminated withstand voltage

Application:

①Industrial motors: three-phase asynchronous motors, servo motors, reducer motors, fan and water pump motors.

②Home appliance motors: air conditioning compressor, refrigerator motor, washing machine drive motor, fan motor.

③In the field of new energy: new energy vehicle drive motors, on-board generators, energy storage converters, inductor cores.

④Power generation equipment: small generators, diesel generator sets, stator, rotor, iron core, electric tool motors.

Detailed specifications

Product Detailed Data

1.Mainstream-oriented silicon steel electromagnetic parameters (50Hz, longitudinal sampling P1.7/50)

牌号 Grade	厚度 mm Thickness	铁损 P1.7/50 W/kg Iron loss	磁感 B800 T Magnetic induction	典型应用 Typical Applications
30Q130	0.30	≤1.30	≥1.74	配电变压器、中小型变压器 Distribution transformers, small and medium-sized transformers
27Q120	0.27	≤1.20	≥1.74	电力配电变压器 Power distribution transformer
27QG100	0.27	≤1.00	≥1.88	大型电力变压器 Large power transformer
23QG090	0.23	≤0.90	≥1.88	特高压、低损耗大型主变 Ultra high voltage, low loss large main transformer

2.Mainstream non oriented silicon steel electromagnetic parameters (50Hz)

牌号 Grade	厚度 mm Thickness	铁损 P1.7/50 W/kg Iron loss	磁感 B800 T Magnetic induction	典型应用 Typical Applications
50W800	0.50	≤8.00	≥1.64	普通风扇电机、小功率家电电机 Ordinary fan motor, low-power household appliance motor
50W600	0.50	≤6.00	≥1.66	普通工业电机、水泵电机 Ordinary industrial motors, water pump motors
50W470	0.50	≤4.70	≥1.68	通用电机、压缩机电机 General motors, compressor motors
50W350	0.50	≤3.50	≥1.69	高效工业电机、风机电机 Efficient industrial motors, fan motors
35W300	0.35	≤3.00	≥1.68	新能源电机、高效发电机、电抗器 New energy motors, high-efficiency generators, reactors

Packing and loading







Warehouse >>>> Packaging >>>> Loading

Our Advantages



VERIFICATION OF CONFORMITY

S/N: 022079

No.: **ICR/VC/HM2603311**

Name and address of Applicant	Shandong Xin wugang Steel Co., Ltd. Room 602, No. 9, South Nenjiang Road, Mount Taishan Road East, Jiangguantun Street, Liaocheng Economic and Technological Development Zone, Shandong Province, China
Name and address of manufacturer:	Shandong Xin wugang Steel Co., Ltd. Room 602, No. 9, South Nenjiang Road, Mount Taishan Road East, Jiangguantun Street, Liaocheng Economic and Technological Development Zone, Shandong Province, China
Product name:	Carbon Steel coil, Steel plate, Steel pipe, steel profile, steel wire, Steelbar, stainless steel pipe, Stainless steel coil /plate/profile, Steel Rail, Steel Ball
Product types:	Steel Plate: 0.14mm---500mm, Steel Coil: 0.14mm---25mm, Steel Pipe: 3mm-1020mm*0.3mm---200mm, Steel Wire: 0.15mm--16mm, Round bar: 5mm--600mm, H Beam: 91mm*100mm---1138mm*410mm, I Beam: 76mm*59mm---778mm*269mm, Angle steel: 19mm*19mm---305mm*305mm, Channel: 25*12mm----457mm*107mm, Steel Ball: 1mm--180mm, Steel Rail: 9---50kg.QU70-120, P65 R65 54E1...
Product trademark:	n/a

Verification was carried within following scope:

Information on the Declaration of Conformity:

Result:	Legislation:	Standard:
✓	CPR [(EU) 305/2011]	EN 10210-1:2006 EN 10210-2:2019 EN 10219-1:2006 EN 10219-2:2019 EN 10025-1:2004 EN 10025-2:2019

The assessment process has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test report:	MTZ20260318SCPR
Tests conducted by:	Shandong Xin wugang Steel Co., LTD
Issue date:	25.03.2026
Expiration date:	24.03.2031

Remarks:
- VoC was issued on voluntary basis and does not imply meeting all essential requirements listed in Declaration of Conformity.
- For introducing this product on European market may be needed EC/EU-type examination conducted by appropriate Notified Body.

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CEO, ICR Co., Ltd.

Edition: 5.1.1.8 of 06.03.2024

verification проверка verificación verification проверка verificación verification



中泰认证

QUALITY MANAGEMENT SYSTEM CERTIFICATION

Registration NO: 29022Q12696-10R0S

SHANDONG XIN WUGANG STEEL CO., LTD

Unified social credit code:91371500MA94JRBY2K

Registered Address:Room 602, No. 9, South Nenjiang Road, Mount Taishan Road, Liaocheng Economic and Technological Development Zone, Shandong Province

Office Address:Room 602, No. 9, South Nenjiang Road, Mount Taishan Road, Liaocheng Economic and Technological Development Zone, Shandong Province

Business Address:Room 602, No. 9, South Nenjiang Road, Mount Taishan Road, Liaocheng Economic and Technological Development Zone, Shandong Province

Established Quality Management System Accord With

GB/T 19001-2016 idt ISO9001:2015 standard

Through the certification scope is as follows

Sales of steel (including export)

The release date for the first time: 21-10-2022

The issuance date: 21-10-2022

Will be valid until: 20-10-2025

Issuer:

ZhongTai Union Certification Co., LTD.
Tel: +86 028-62521000 www.ztccc.cn

0036650



统一社会信用代码 91371500MA94JRBY2K

营业执照

名 称 山东鑫武钢铁有限公司
类 型 有限责任公司(自然人独资)
法定代表人 邹庆友
经营范围 一般项目：金属材料销售；金属材料制造；金属制品销售；金属结构销售；高品质特种钢铁材料销售；钢压延加工；新型金属功能材料销售；金属链条及其他金属制品销售；有色金属合金制造；高性能有色金属及合金材料销售；化工产品销售（不含许可类化工产品）；机械设备销售；金属制品研发；工业产品等售；货物进出口；（除依法须经批准的项目外，凭营业执照依法自主开展经营活动）

注册资本 壹仟万元整
成立日期 2021年07月27日
住 所 山东省聊城经济技术开发区洪官屯街道泰山路路东烟江路南9号普洱东华办公楼602室

登记机关 聊城市经济技术开发区行政监督管理局
2026 年 05月26 日

国家市场监督管理总局监制



中国制造网 认证供应商

AUDITED SUPPLIER

Presented To

Shandong Xin Wugang Steel Co.,LTD

山东鑫武钢铁有限公司

SGS

CERTIFICATE

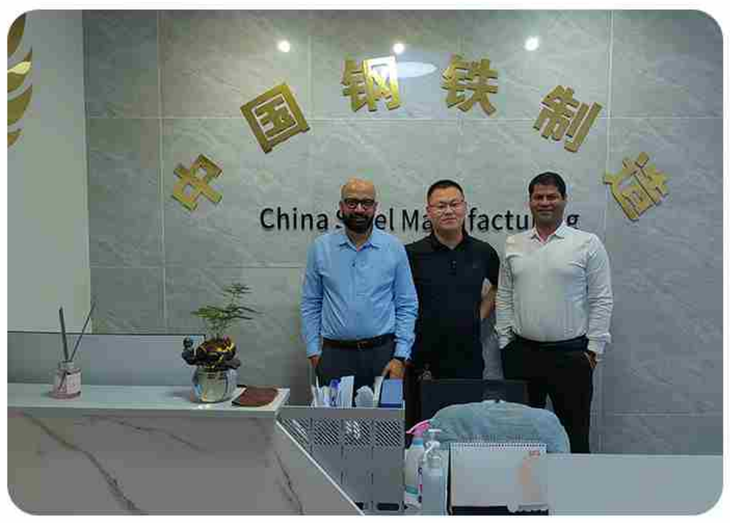






PRODUCTION EQUIPMENT

Our Advantages



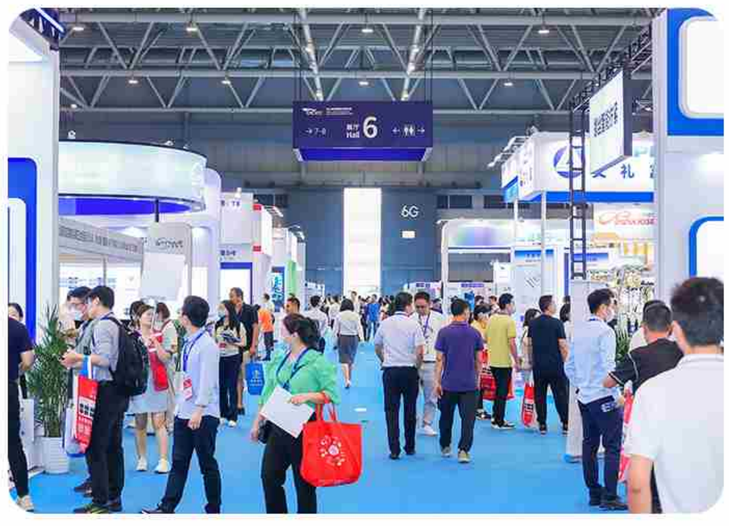




CUSTOMER VISIT







EXHIBITION

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