



**NEW PRODUCTS
STECKEL MILL**

**DISCRETE WIDE PLATE
COILED PLATE**



ALTOS HORNOS DE MEXICO

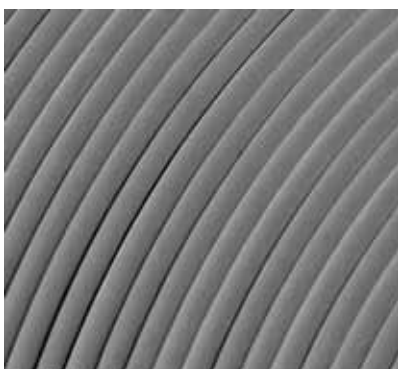
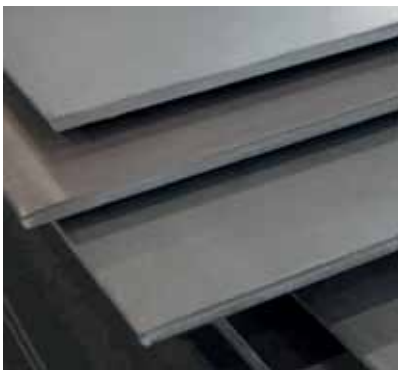
Developing the industry

AHMSA's new plate line is outfitted with the most advanced machinery and operating systems technology. With precision equipment, it's the most modern Steckel mill in North America.

Capable of meeting the current needs of the global steel market, it fulfills both international and domestic demand for discrete plate and coil.

As the only wide plate manufacturer in Mexico, AHMSA continues to expand its product offerings, bolstering dimension ranges and grades.

AHMSA's products comply with the leading international steel industry quality standards. All of AHMSA's processes and departments are administered through the AHMSA Management System (AMS); which comply with the ISO 9001, ISO 14001, and OHSAS 18001 standards.



DISCRETE WIDE PLATE

Discrete wide steel plate is supplied in the as-rolled condition with a mill or cut edge, and is available in thicknesses from 0.1875" (4.76mm) to more than 2" (50.8mm) on widths from 60" (1,524mm) up to 120" (3,048mm). In widths greater than 96" (2,438mm), plate can be produced to a maximum weight of 10 metric tons or a length of 630" (16m).

Thicknesses greater than 2" require production feasibility studies.

COILED PLATE

Mill-edge hot-rolled coiled steel plate is available in thicknesses from 0.1875" (4.76mm) up to 0.750" (19mm) on widths from 60" (1,524mm) up to 96" (2,438mm).

Depending on the grade and dimensions ordered, each coil may weigh up to a maximum of 30 metric tons.

Coils are produced with a nominal internal diameter of 30" (762mm).

CLASSIFICATION



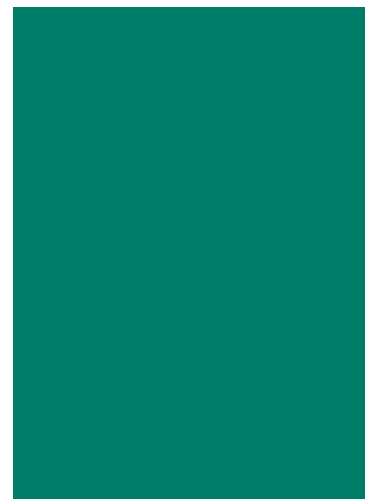
By resistance to deformation, steel is classified in the following manner:

I.- Low-Strength steel:
All steel with a minimum yield point of 30 KSI.
II.- Medium-Strength steel:
All steel with a minimum yield point of 35 KSI.
III.- High -Strength steel:
All steel with a minimum yield point of 45 KSI.
IV.- Ultra-High Strength Steel:
All steel with a minimum yield point of 100 KSI.



Low, Medium & High-Carbon Steel (SAE Steel)

Specification	Description and Application
SAE J403 1010 & 1012	Low-Carbon steel for manufacturing profiles, welded pipe, etc.
SAE J403 1015, 1018, 1020, 1022, 1025, 1030, 1035 & 1040	Medium-carbon steel for manufacturing structural parts, machinery and tools.
SAE J403 1045, 1050, 1055 & 1060.	High-carbon steel for machine parts and agricultural implements.
SAE J403 1552	High-manganese Wear-Resistant steel for hardened parts, blades and bits.
SAE J1268 15B21	Boron Wear-Resistant steel for hardened parts, agricultural implements and plow discs.
AHM 130-B	



Low, Medium & High-Strength Structural Steel

Specification	Description and Application
ASTM A-283-A, B, C	Low and Medium-Strength structural steel with high-weldability.
ASTM A-36	Medium-Strength structural steel for welded beams column bases.
ABS A, B, D, E	Medium-Strength structural steel for ship building.
LLOYD'S A, B, D, E	
ASTM A-131-A, B, D, E	
DIN EN 10025 S-235	Structural steel with moderate and high-weldability.
DIN EN 10025 S-275	Medium-Strength structural steel for welded beams, column bases.
DIN EN 10025 S-355	High-Strength steel for welded beams, bridges, buildings.
ASTM A-572 Gr. 50, 55, 60 & 65	High-Strength Low-Alloy steel for welded girders, bridges, buildings, utility pole bases.
ASTM A-656 Gr. 50 to 80	High-Strength structural steel for welded beams.
ASTM A-656 Gr. 100	Ultra-High-Strength structural steel for welded beams, where reduced weight is required.
ASTM A-709 Gr. 50 & 70	High-Strength Low-Alloy steel for bridges.
ASTM A-709 Gr. 100	Ultra-High-Strength structural steel for welded beams, where reduced weight is required.
JIS G-3106 SM-490-A	High-Strength Low-Alloy steel with high-weldability for bridges, oil tankers, etc.



Pressure Vessel Steel

Specification	Description and Application
ASTM/ASME SA-285-C	Low and Medium-Strength steel for stationary vessels.
ASTM/ASME SA-455	High-Strength steel for stationary vessels.
ASTM/ASME SA-516, 55, 60, 65 y 70	Low and Medium-Temperature vessels.
NMX B-475	Spherical pressure vessels.
ASTM/ASME SA-612	Railroad tanker cars.
AAR TC-128-B	

Pipeline, Casing and Support Steel

Specification	Description and Application
API 5L B & X-42	Medium-Strength pipeline.
API 5L X-46 to X-80	High-Strength pipeline.
API 5L X-100	Ultra-High-Strength pipeline.
API X-52, 60 & 65	High-Strength sour gas pipe.
API 2H 50	Structural tubing for marine platforms.

This brochure contains information that is subject change without prior notice from AHMSA.

Updates to this information can be found online at www.ahmsa.com in the Products section.

IMPORTANT NOTICE

For specifications not contained in this brochure, please consult the technical department.

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