



# STEEL PRODUCTS

# ROD, ROUND BAR SQUARE BAR RECT. BAR

We have a full line of Steel to offer our customers, In Full length or Cut-to-Size. Aerospace and commercial quality.

1018 one of the most commonly available grades. It is easily formed, machined, welded and fabricated. It is often employed in high volume screw machine part applications. 1018 can be easily brought to a fine finish, and it can be machined in all conditions.

**1045** Cold Rolled Carbon Steel is a medium carbon range steel that offers higher carbon content than 1018. It is used primarily in machinery part cutting and is not easily welded. It is heat treatable and can be forged.

1215 Steel is used for manufacturing parts requiring considerable machining. It provides good surface finish. It is used for bushings, inserts, studs, pins, hydraulic hose fittings and etc. It responds well to threading, some minor bending. It is hard to weld so it is not recommended for forming and ordinary bending, not for parts subject to severe fatigue stress.

**12L14** Cold Drawn Steel is used to fabricate high speed machinery, widely used in high speed screw machining applications.

**4140** is widely used medium carbon steel. It offers resistance to fracturing in high stress application when hardened, resists abrasion, and impact resistance. It is commonly used in automotive and industrial fabrication.

**4340** Cold Finished, highly alloyed steel, high strength characteristics throughout the section. It is used for heavily stressed parts, operating under heavy duty conditions.

1018 COLD DRAWN		ASTM A108
ROUND BAR		
1045 COLD DRAWN		ASTM A108
ROUND BAR		0.5" to 1.5"
1215 STEEL		ASTM A108
ROUND BAR		0.785" to 2.625"
12L14 COLD DRAWN		ASTM A108
<b>ROUND BAR</b> 0.375" to	2" SQUARE BAR	0.625" to 1"
4140 ALLOY STEEL C.F.	AMS-6382, AMS-S-	-5626, ASTM-A-331
NORMALIZED ROD		0.5" to 4"
4340 ALLOY STEEL C.F. AMS-	6415, AMS-S-5000, ASTN	И-A-331, AMS-6359
NORMALIZED ROD		0.5" to 6"

# A-500/A-513 HR STEEL RECT. TUBE HR STEEL SQUARE TUBE HR STEEL PIPE

#### A-500 STEEL RECTANGULAR TUBES

2 X 10 X .188 X 288	2 X 5 X .188 X 288	3 X 4 X .250 X 288	3 X 9 X .250 X 288	5 X 6 X .188 X 288
2 X 10 X .250 X 288	2 X 5 X .250 X 288	3.0 X 4.0 X .375 X 288	3 X 9 X .375 X 288	5 X 6 X .250 X 288
2 X 10 X .313 X 288	2 X 5 X .375 X 288	3.0 X 5.0 X .188 X 288	4 X 5 X 188 X 288	5 X 6 X .375 X 288
2 X 12 X .188 X 288	2 X 6 X .188 X 288	3 X 5 X 250 X 288	4 X 5 X .250 X 288	5 X 7 X .188 X 288
2 X 12 X .250X 288	2 X 6 X .25 X 288	3 X 5 X .375 X 288	4 X 5 X .375 X288	5 X 7 X .250 X 288
2 X 12 X .313 X 288	2 X 6 X .375 X 288	3 X 6 X .188X 288	4 X 6 X.188 X 288	5 X 7 X .375 X 288
2 X 3 X .1875 X 288	2 X 8 X .188 X 288	3 X 6 X .250 X 288	4 X 6 X .250 X 288	6 X 8 X .188 X 288
2 X 3 X .250 X 288	2 X 8 X .25 X 240	3 X 6 X .375" X 240	4 X 6 X .375 X 288	6 X 8 X .250 X 288
2 X 3 X .313 X 288	2 X 8 X .375 X 288	3 X 8 X .188 X 288	4 X 6 X .500 X 288	6 X 8 X .375 X 288
2 X 4 X .188 X 288	2.5 X 3.5 X .188 X 288	3 X 8 X .25 X 288	4 X 8 X .188 X 288	
2 X 4 X .25 X 288	2.5 X 3.5 X .250 X 288	3 X 8 X .375 X 288	4 X 8 X .250 X 288	
2 X 4 X .375 X 288	3.0 X 4.0 X .188 X 288	3 X 9 X .188 X 288	4 X 8 X .500 X 288	

#### A-500 STEEL SQUARE TUBES

2.0 X 0.188 X 288	3.5 X .1875 X 288	4.0 X 0.500 X 288	6 X .313 X 288
2.0 X .250 X 288	3.5 X .250 X 288	5 X .188 X 288	6 X .375 X 288
2.5 X 0.1875 X 288	3.5 X .3125 X 288	5 X .250 X 288	6 X .500 X 288
2.5 X 0.250 X 240	3.5 X .3750 X 288	5 X .313 X 288	8 X .188 X 288
3.0 X 0.1875 X 288	4.0 X 0.188 X 288	5 X .375 X 288	8 X .250 X 288
3.0 X.250 X 288	4.0 X 0.250 X 28	5 X .500 X 288	8 X .375 X 288
3.0 X 0.3125 X 288	4.0 X 0.313 X 288	6 X .188 X 288	8 X .500 X 288
3.0 X 0.3750 X 288	4.0 X 0.375 X 288	6 X.250 X 288	

#### A-500 STEEL PIPES

1.250 NPS. SCH 40 X 252	2.500 NPS. SCH 40 X 252	4.000 NPS. SCH 40 X 252	8.000 NPS. SCH 40 X 252
1.500 NPS. SCH 40 X 252	3.000 NPS. SCH 40 X 252	5.000 NPS. SCH 40 X 252	
2.000 NPS. SCH 40 X 252	3.500 NPS. SCH 40 X 252	6.000 NPS. SCH 40 X 252	



## **HADCO METAL TRADING**

Hadco Metal Trading is a service center for Aluminum, Stainless Steel, Steel, Copper and Brass, Magnesium, Plastics and related alloys in North America and worldwide. We serve our customers from our warehouses and logistics centers in the East, Midwest, and the West coast of the US, Korea, and from the facilities of our affiliates across the USA and around the globe. Hadco services more than 15,000 customers in various industries, including aircraft & aerospace, defense, semiconductors, architectural and construction, pharmaceuticals, hi-tech and more.

Hadco operates out of a Headquarter in the Bensalem Township in Pennsylvania, that includes a 380,000 sqft warehouse on 25 acres of land, and branches throughout the USA. Hadco invested in one of the largest automated KASTO storage warehouses in North America and in advanced processing capabilities. Our staff consists of top industry professionals, ready to support all of our customers' requirements.

Hadco carries a wide range of metal inventories in substantial quantities of plate, sheet, coil, rod, bar, tube and pipes.

Our precision cutting equipment enables industrial, aerospace and commercial customers to consistently get the exact shapes and sizes they require, on time. Hadco Metal Trading provides complete and current engineering data on its products. Hadco Metal Trading can help you get any facts and figures you need on non-standard materials.

Hadco's processes and systems are maintained according to the guidelines of AS 9100, the highest international standard for quality control and service assurance. These standards and systems in place ensure the traceability of products and the monitoring of services dedicated to quality and to customer requirements.



Hadco is proud to be a part of the **Scope Metal Group**, a leading international distributor and supplier of metal products and plastic products to industrial manufacturers, headquartered in Israel. Scope is a leading supplier of all the metal and plastic needs to customers throughout the globe. Hadco operates every day to provide and exceed customer service goals, as our brand and logo says: "Our Service – Your Success".

## **OUR SERVICE - YOUR SUCCESS**





