



HADCO METAL TRADING CO.,LLC

TOOL STEEL PRODUCTS

Precision Ground Flat Bar
Standard Flat Bar • Plate
Round Bar • Drill Rod

OUR SERVICE - YOUR SUCCESS

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TOOL STEEL PRODUCTS

Tool steel is a carbon and alloy steel that has characteristics of high hardness, abrasion resistance, and a good ability to keep its shape at higher temperatures. Its toughness also gives it non-deforming properties, allowing it to hold a cutting edge at various temperatures. Depending on the grade of tool steel it is also a good choice for the manufacture of hand tools, cutting tools, and more.

Tool steel is generally used in a heat-treated state, and are corrosion resistant, and are often used for high-strength or wear-resistant applications.

Grade selection depends on budget, working temperature, and required characteristics for the application.

Hadco offers the following:

O1 TOOL STEEL

O1 Tool Steel Most known for oil-hardening. O1 is a general-purpose tool steel that is typically used in applications where alloy steels cannot provide sufficient hardness, strength, and wear resistance. It has good abrasion resistance and sufficient toughness for most regular tool and die applications.

A2 TOOL STEEL

A2 is an air-hardening tool steel that offers good toughness and excellent dimensional stability when heat treated. A2 provides an effective combination of strength and toughness, tool performance. A2 is intermediate in wear resistance between O1 oil-hardening tool steel and D2 high-carbon, high-chromium tool steel.

D2 TOOL STEEL

D2 - versatile high-carbon, high-chromium, air-hardening tool steel that is characterized by a relatively high attainable hardness and known for its maximum wear resistance qualities. Other steels with improved toughness or improved wear resistance are available, however D2 provides an effective combination of wear resistance and toughness, tool performance. It is ideal for use in tools, dies, etc., used in long production runs.

4140

4140 alloys are steels in the family of SAE steel grades. Excellent strength-to-weight ratio and are stronger and harder than standard 1020 steel;
However, not easily welded and needs pre and post weld thermal treatment to avoid cracking. 4140 is typically used for fixtures, stubs, jigs, couplings, gears, and rams.

TOOL STEEL PRODUCTS

In Stock:

		Thickness	Width	Length
Precision Ground Flat	O1	From 1/16"-2" Thick	From 1"-10" Wide	18"/36"
	A2	From 3/32"-3" Thick	From 1/2"-20" Wide	18"/36"
	D2	From 1/2"-2.5" Thick	From 1/2"-20" Wide	18"/36"

Standard Flat Bar	O1	From 1/2"-3" Thick	From 1"-20" Wide	Up to 144"
	A2	From 1/2"-6" Thick	From 1/4"-20" Wide	Up to 144"
	D2	From 1/2"-6" Thick	From 2 1/2"-20" Wide	Up to 144"

Plate	4140	From 1"-3" Thick DCF PREHARD		
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		DIA	Length	
Round Bar	A2	From 1/4"-10" Thick	Up to 144"	
	D2	From 1/4"-6" Thick	Up to 144"	

Drill Rod	O1	From 1/4"-3"	36"	
	A2	From 1/4"-3"	36"	
	D2	From 1/4"-3"	36"	



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

