

Galvanized Steel

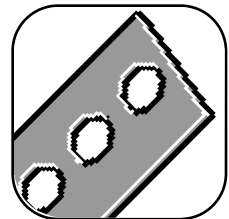
High quality galvanized coating resists rust and corrosion. Galvanized steel can be drilled and bolted, or welded for heavy-duty use. Ideal for most residential or industrial projects. Combine slotted and solid steel flats and angles together to create workbenches, stands, tables or other framework.

NO. 4020 SLOTTED STEEL ANGLES



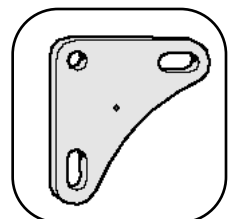
Angle Widths	Length						Gauge
1-1/2" x 1-1/2"	12"	24"	36"	48"	60"	72"	.074

NO. 4025 SLOTTED STEEL FLATS



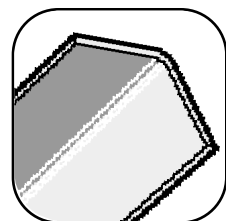
Width	Length					
Gauge						

NO. V4023 CORNER PLATES
For Slotted Angles



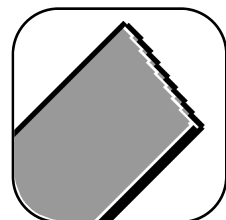
- Zinc plated.
- Used to join and brace slotted steel angles. Pre-punched holes to match slots in angles.
- Holes accommodate 5/16" bolts.

NO. 4010 SOLID STEEL ANGLES



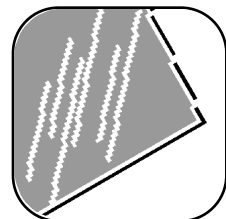
Angle Widths	Lengths			Gauge
	36"	48"	72"	
3/4" x 3/4"	X	X	X	.125
1" x 1"	X	X	X	.125
1-1/4" x 1-1/4"	X	X	X	.125

NO. 4015 SOLID STEEL FLATS



Widths	Lengths			Gauge
	36"	48"	72"	
3/4"	X	X	X	.125
1"	X	X	X	.125
1-1/4"	X	X	X	.125

NO. 4072 GALVANIZED STEEL SHEETS



- Meets ASTM A-527 Specification.
- Easy bending steel sheet with a continuous hot-dip zinc coating can be formed without flaking and peeling.

Width	Length	Gauge
24"	24"	26

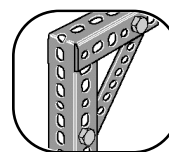
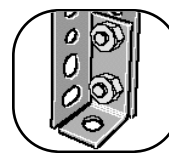
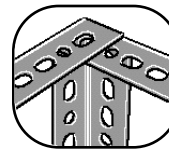
Assembly tips for slotted steel

WORKBENCH OR TABLE TOP ATTACHMENT

Rear attachment with open-front style
Allows the top to extend over the front edge of the metal frame. Top is attached along the back edge and from the bottom.

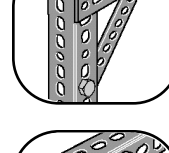
Drop-in style
Top is fitted into an all-around metal framework. No top attachment is required.

Overhanging-top style
Top is attached to the frame with screws from the underside. Top can overhang the metal frame on all four sides. Ideal for attaching a plywood or particleboard top.



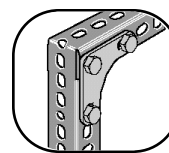
CORNER IRON

Bolt a steel corner iron to the bottom of each leg for attaching casters, adjustable glides, leg levelers or bolt the metal frame directly to the floor.



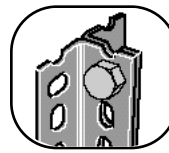
ANGLE BRACING

Angle bracing adds support to long lengths of slotted angle. Use slotted flat stock for angle bracing wherever needed.



CORNER PLATES

Use easy to install pre-punched corner plates No. 4023 for strong corner joints and extra support.



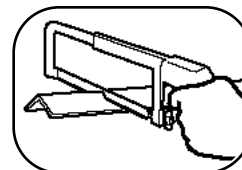
EXTRA-STRENGTH CONSTRUCTION

Doubling up on slotted steel angles strengthens frame construction and increases the load capacity.

How to work with Construct-It® materials

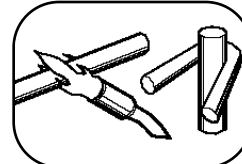
CUTTING

Use a common hacksaw, band saw or saber saw to cut Construct-It® materials. Be sure to use a metal cutting blade.



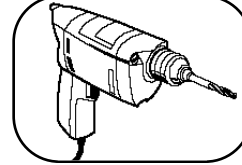
BENDING STEEL ROD AND BAR STOCK

Heat rod or bar stock with a propane torch to a reddish glow. Bend heated stock around fixed object to obtain shape you desire. Be careful when handling hot material.



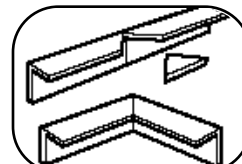
DRILLING

Use high-speed steel drill bits for drilling steel materials. A drop of oil on the drill bit tip will make drilling easier and will increase drill bit life. To keep drill bit from wandering, use a center punch where hole is to be drilled.



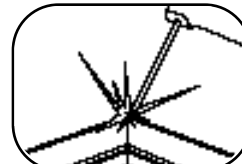
FORMING A RIGHT ANGLE BEND WITH ANGLE STOCK

Cut a 90° notch out of one leg of the angle stock at the bend point. Heat stock and bend using a steel edge at the point of the bend for a sharp corner.



WELDING

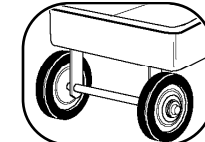
Plain steel stock has excellent characteristics for welding. Formed corner joints can be welded for added strength.



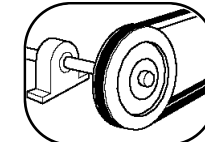
WARNING: Bending, cutting, or drilling Construct-It materials using propane torches, gas burners, power tools, or hand tools is hazardous. Always use appropriate protective gear and follow appropriate safety precautions for use of the torch, burner, or tool.

Construct-It® materials are versatile

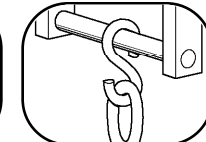
SMOOTH STEEL ROD



Axle

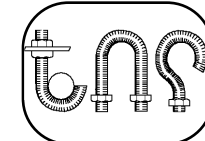


Shaft

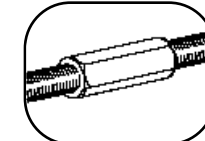


Rod

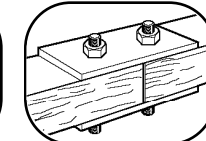
THREADED STEEL ROD



Shape

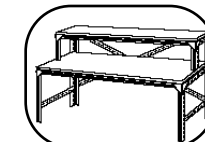


Extend

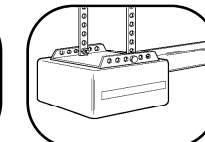


Connect

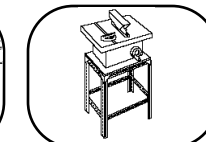
SLOTTED STEEL ANGLES AND FLATS



Workbench

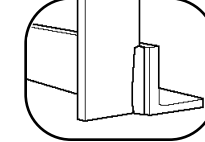


Garage Opener

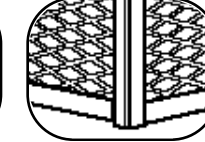


Stand

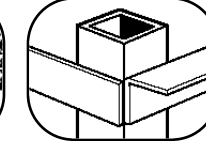
SOLID STEEL ANGLES AND FLATS



Weld



Expanded Steel

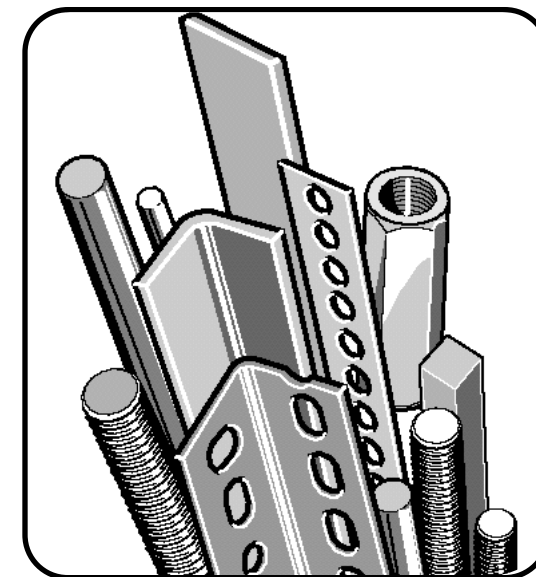


Square Tube



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