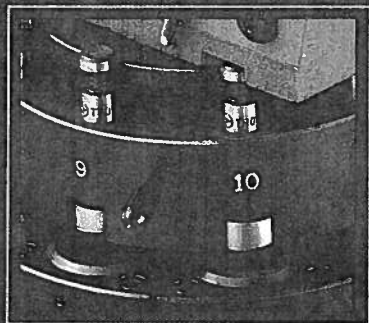




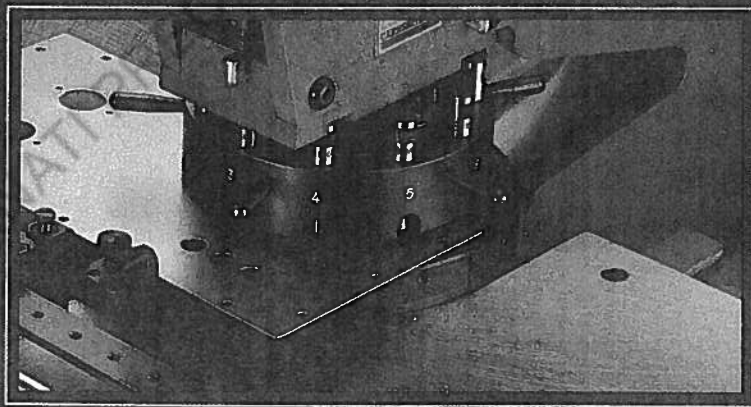
THOR

Tool and Die Company



TURRET PUNCH PRESSES

Models 1210 and 1210AH



Manufacturing Precision for the Tooling Professional

**THOR BUILDS
AFFORDABLE
PUNCH PRESSES
THAT MEET YOUR
STANDARDS FOR
EXCELLENCE.**

**Thor Model 1210 Manual
Turret Punch Press.**

*Combining Precision and
Practicality*

The hand operated Thor Turret Punch Press is unrivaled in design, workmanship, and performance. Ideal for the hole stamping requirements of prototype development, small part production, and medium production manufacturing.

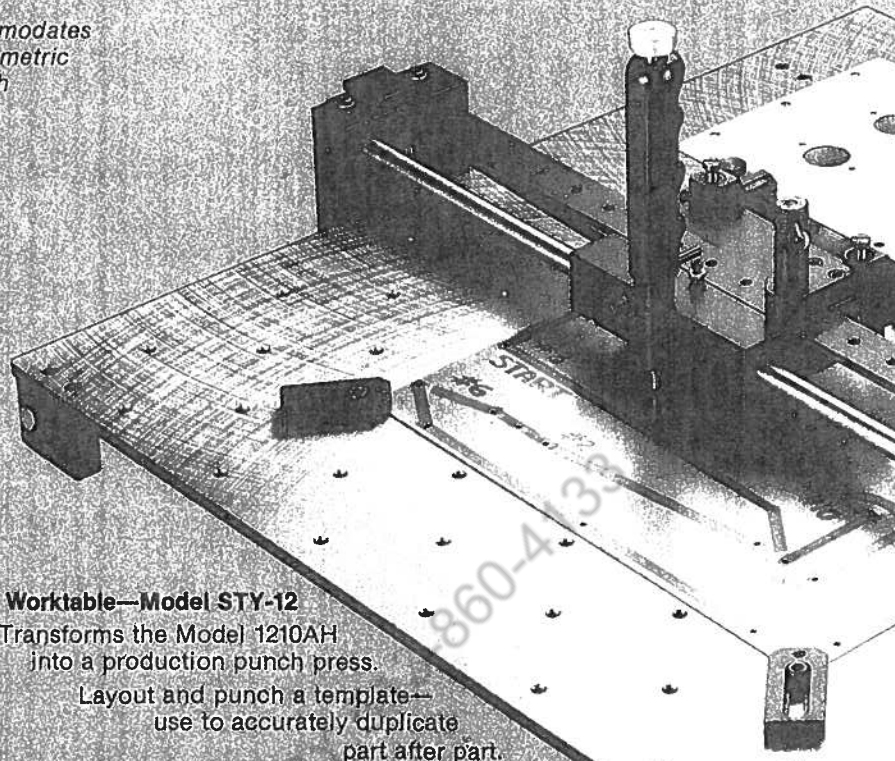
Intelligently designed and engineered for precision, the Model 1210 is noted for its sturdy construction and easy tooling set-ups. Built to meet all of your punching needs quickly and accurately, the Model 1210 readily mounts on any strong work bench. Or fits perfectly with Thor accessory production worktables.

From Press Features to Press Accessories, the Thor Model 1210 is both uniquely versatile and proficient.

*Turret readily accommodates
fractional, decimal, or metric
punch and die sizes with
standard or special shapes*

*Die shoes are keyed for 0°
and 90° tooling indexing*

*Individual die shoes provide
fast die changes
and easy alignment*



Stylus Worktable—Model STY-12

Transforms the Model 1210AH
into a production punch press.

Layout and punch a template—
use to accurately duplicate
part after part.

Easy grip handles for convenient turret rotation

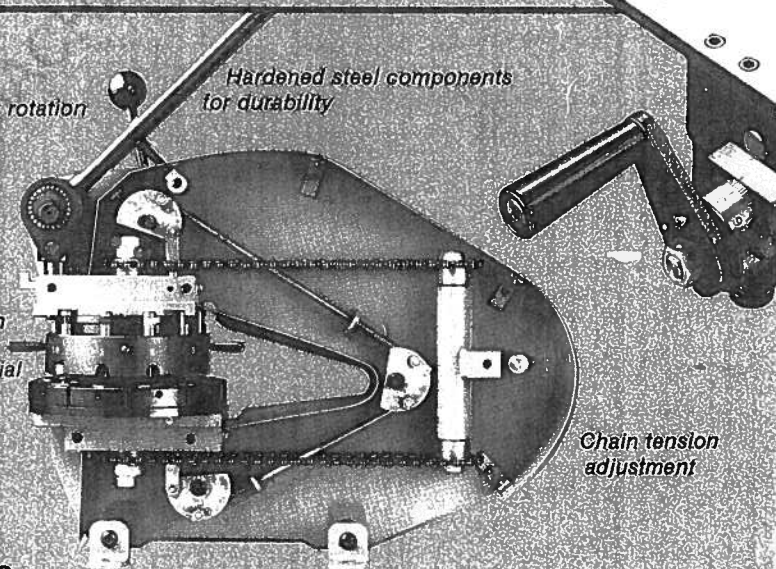
Moving parts are bearing supported

*Punches 1" diameter maximum hole size
through 14 gauge mild steel*

10 station punch and die turret rotates in unison

12" throat accommodates 24" wide material

*Hardened steel components
for durability*



*Chain tension
adjustment*

Thor 1210 Series Turret Punch Presses

*Easy to Operate, Durable, Versatile.
And Very Productive.*

Intelligent Design: Ease of Operation

Thor Turret Punch Presses are designed with the press operator in mind. With 10 turret stations to choose from—instead of just one—tool changes and realignment are quick and easy. The punch and die turret rotate in unison, enabling the operator to index to other stations simply and confidently.

To operate the press, slide up to

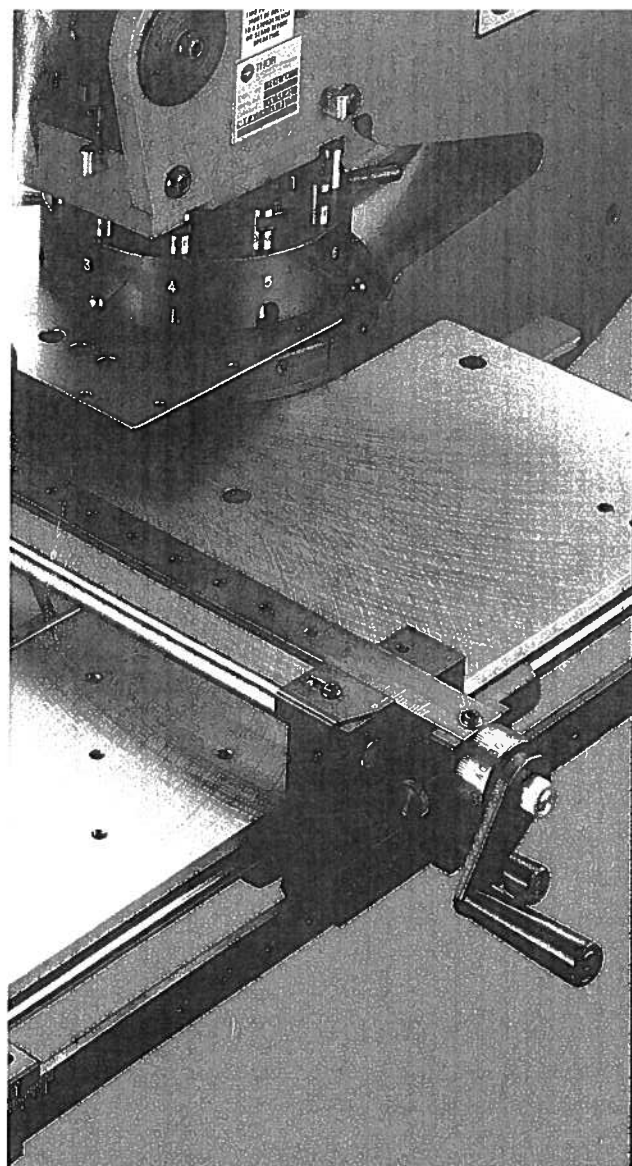
14-gauge mild steel over the die and punch up to a 1" diameter hole in the material. The self-stripping turret automatically strips material from the punches as the ram cycles upward.

Durability: Combining Strength and Safety

Thor Punch Presses are value engineered to provide long life and reliable performance. Twin steel frame plates offer attractive styling

and extra unit strength. Thor Punch Presses are not constructed with planned obsolescence in mind. Parts subject to wear are made of hardened steel and all moving parts are bearing supported.

At Thor, safety is an integral part of our engineering concept. The Thor "ram-loc" safety device prevents any ram movement until the punch and die turret is securely locked into punching position.



Specifications

PUNCH PRESSES

	MODEL 1210	MODEL 1210AH*
Throat Depth	12" (305mm)	12" (305mm)
Stations	10	10
Maximum Material Capacity	1" (25.4mm) Diameter hole in 14 gauge (2mm) mild steel (With proper punch shear and die clearance)	
Clearance between die tops and punches	7/32" (5.5mm)	7/32" (5.5mm)
Cycles	Up to 60 strokes/minute	
Air Consumption	125 cu. in. per stroke at 100 PSI	
Press Width	3-1/2" (89mm)	3-1/2" (89mm)
Press Length	22" (559mm)	22" (559mm)
Press Height	15-1/2" (394mm)	26" (660mm)
Mounting	Bench or Stand	Floor Stand
Press Weight	125# (57kg)	138# (63kg)
Shipping Weight	152# (69kg)	165# (75kg)

* Standard features on the Model 1210AH include Thor's sturdy Model FS-12 floor stand, air filter, regulator, lubricator unit, and a foot operated air valve.

1210 SERIES TOOLING

PUNCH STYLES

	STYLE #1	STYLE #2
Shank Diameter	1/2" (12.7mm)	1/2" (12.7mm)
Overall Length	2-13/32" (61mm)	2-13/32" (61mm)
Point Size Range— (Diameter or Diagonal)	Up to 1/2" (12.7mm)	Over 1/2" (12.7mm) Up to 1" (25.4mm)
Fits Station Numbers	#1 to #10	#6 to #10

For cost of tooling, see the current Thor 1210 Series Tooling Price List

DIE STYLES

	STYLE A	STYLE B
Die Diameter	1-1/4" (31.7mm)	1-9/16" (39.7mm)
Die Thickness	5/8" (16mm)	19/32" (15mm)
Fits Station Number	#1 to #8	#9 and #10

ACCESSORIES

WORK TABLES MODEL WTS-12 MODEL WTM-12 MODEL STY-12

Maximum gauge travel from punch centerline			
Ø to front	9-1/2" (241mm)	8-1/2" (216mm)	—
Ø to back	9-1/2" (241mm)	8-1/2" (216mm)	—
Ø to left	12" (305mm)	12-1/2" (317mm)	—
Ø to right	12" (305mm)	12-1/2" (317mm)	—
Maximum template size			9-1/2" x 19" (241mm x 483mm)
Voltage			110 Volts, 60 Cycles or 220 Volts, 50 cycles (if specified)
Table dimensions	5/16" x 22" x 24" (8mm x 559mm x 610mm)		
Net Weight	56# (26kg)	74# (34kg)	74# (34kg)
Shipping Weight	109# (50kg)	125# (57kg)	127# (58kg)

All Thor table tops are constructed of heavy duty, thick steel plates—stress relieved and precision ground to prevent warping and insure flatness. Thor worktables come equipped with necessary mounting hardware and a comprehensive instruction booklet.

FLOOR STAND

	MODEL FS-12	MODEL FS-12AH For Model 1210AH Punch Press
Net Weight	84# (38kg)	84# (38kg)
Shipping Weight	102# (47kg)	114# (52kg)

Thor's sturdy floor stand provides the press operator with two shelves and a storage tray for spare tooling.

Specifications for the 1210 Series Turret Punch Presses, accessories and tooling are subject to change without notice.

Thor Quality: Carried Through to the Smallest Detail

Every 1210 Series Punch Press is shipped complete, ready to use. Included are 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", and 1" diameter punches and dies installed in the turret. Punches and dies are precision machined from tool steel, hardened and ground to exact tolerances.

* Metric sizes also available

The image shows a Thor Model 1210AH Air Hydraulic Turret Punch Press. It is a large industrial machine with a heavy metal frame. The main body is a large, rounded, box-like structure with a "THOR" logo on the side. A large, cylindrical hydraulic ram extends from the top of the machine. Below the ram is a turret head that can rotate around a vertical axis. The turret head is mounted on a large, flat, rectangular worktable. The worktable has a grid of holes and is supported by a heavy base. The machine is shown in a three-quarter view, highlighting its robust construction and the precision of its components.

Standard Worktable— Model WTS-12

Adjustable side, front, and back gauges are provided for positioning material. Table sides are machined parallel to insure the adjustable side guides remain square.

**Thor Model 1210AH Air Hydraulic
Turret Punch Press.**

*Combining Precision and
Productivity*

The air powered Thor Turret Punch Press is perfectly suited for model shop applications or short to medium production runs.

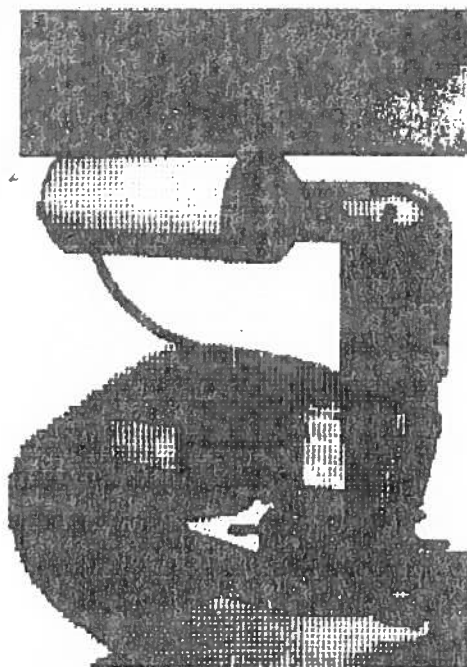
Remarkable in its versatility, the Model 1210AH easily stamps *even* a single hole.

The Model 1210AH features the same design excellence and quality workmanship as the hand operated model. To increase your production levels, complement the air powered press with Thor's Standard worktable, Micrometer worktable, or Stylus worktable.

Micrometer Worktable—

Model WTM-12 Provides

precision gauging—equipped with micrometer dials on the X and Y axis. Accuracy maintained between holes on 10" centers is .005"



THOR

1210AH Series Punch Presses

Air Hydraulic Turret Punch Presses
Accessories
Tooling Packages

Effective October 1, 1992

Combining Precision And Productivity

The air powered Thor 1210AH Turret Punch Press is unrivaled in design, workmanship and performance in its class. It's ideal for the hole stamping requirements of prototype development, small part production, and medium production manufacturing.

Intelligently designed and precision engineered, the 1210 AH is noted for its sturdy construction and easy tooling setups.

Remarkable in its versatility, the Model 1210AH has 10 stations that accommodate hole sizes up to one full inch through 14-gauge mild steel...in sheet sizes up to 24" x any length you can fit in your shop.

To optimize production, complement the air powered press with one of our custom-fit work tables. Our tooling packages are also a cost effective way to get the most from your Model 1210AH (see back page).

Specifications

1210 AH Punch Press

- Throat Depth: 12" (305 mm)
- Stations: 10
- Maximum Material Capacity:
1" (25.4 mm) diameter hole in
14-gauge (2 mm) mild steel (with
proper punch shear and die
clearance)
- Clearance Between Die Tops And
Punch Turret: 7/23" (5.5 mm)
- Cycles: Up to 60 strokes per
minute
- Air Consumption: 125 cu. in. per
stroke at 100 psi
- Press Width: 3.5" (89 mm)
- Press Length: 15.5" (559 mm)
- Press Height: 26" (660 mm)
- Mounting System: Included floor
stand
- Press Weight: 138# (63 Kg)
- Shipping Weight: 165# (75 Kg)

Standard Accessories

- Sturdy Model FS-12 floor stand,
air filter, regulator, lubrication unit,
and foot operated air valve

1210 Series Punches

- Shank Diameter: 1/2" (12.7 mm)
- Length: 2-13/32" (61 mm)
- Point Size Range
- Style 1 (Stations 1-10): Up to 1/2"
(12.7 mm)
- Style 2 (Stations 6-10): Over 1/2"
to 1" (25.4 mm)

1210 Die Styles

Style A

- Diameter: 1-1/4" (31.7 mm)
- Thickness: 5/8" (16 mm)
- Fits Stations: #1 to #8

Style B

- Diameter: 1-9/16" (39.7 mm)
- Thickness: 19/32" (15 mm)
- Fits Stations: #9 and #10

Work Table

Maximum Gauge Travel From Punch Centerline

- To Front or Back: 9-1/2" (241 mm)
- To Left or Right: 12" (305 mm)

Physical Characteristics

- Dimensions: 5/16" x 22" x 24"
(8 mm x 559 mm x 610 mm)
- Net Weight: 56# (26 Kg)
- Shipping Weight: 109# (50 Kg)
- Construction: Heavy-duty steel
plate, stress relieved and precision
ground to ensure flatness
- Standard Equipment: Mounting
hardware and instructions

Floor Stand

- Net Weight: 84# (38 Kg)
- Shipping Weight: 114# (52 Kg)
- Standard Equipment: Two
shelves

Prices For Thor 1210AH Punch Presses And Accessories

Presses

Model 1210AH
Air Powered Press

Air/Hydraulic powered 10 station turret punch press with a 12" throat depth, and 1" diameter punching capacity through 14-gauge mild steel.

\$5395.00

Price includes:

- #FS12AH Floor Stand
- Foot Operated Air Valve
- Operating Manual/Parts List

Accessories

Model WTS12
Work Table

22" x 24" work table. Includes sliding work gauges, mounting hardware, and instructions.

\$725.00

Note: Must be mounted on the #FS12AH floor stand included with press.

Press Manuals

Duplicate copies of the Operating Manual and Parts List for the Model 1210AH punch press.

\$12.50

Note: One initial copy is supplied with each punch press.

Tooling Packages

Thor tooling packages are offered at special prices to complement your Thor 1210 Series Punch Press.

- All dies in the tooling packages have .008-.010" clearance.
- For tooling not offered in the packages, ask for a free copy of Thor's current 1210 Series Tooling Price List.

#TP61 Starter Rounds (10 Sets)

\$240.00

1/8" 3/16" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1" (diameters)

#TP62 Rounds (21 Sets)

\$495.00

.062" .093" .098" .129" .140" .156" .179" .193" .203" .218" .256"
.281" .343" .406" .437" .468" .531" .562" .687" .812" .937"

#TP63 Obrounds (18 Sets)

\$1,315.00

1/8" x 1/4" 1/8" x 3/4" 3/16" x 1/2" 1/4" x 1/2" 5/16" x 1/2" 3/8" x 3/4"
1/8" x 3/8" 1/8" x 1" 3/16" x 3/4" 1/4" x 3/4" 5/16" x 3/4" 3/8" x 1"
1/8" x 1/2" 3/16" x 3/8" 3/16" x 1" 1/4" x 1" 5/16" x 1" 1/2" x 1"

#TP64 Rectangles (13 Sets)

\$990.00

1/8" x 3/8" 1/8" x 3/4" 3/16" x 3/8" 3/16" x 3/4" 1/4" x 1/2" 1/4" x .965" 3/8" x .925"
1/8" x 1/2" 1/8" x 1" 3/16" x .975" 3/16" x 1/2" 1/4" x 3/4" 3/8" x 3/4"

#TP65 Squares (7 Sets)

\$495.00

3/16" 1/4" 5/16" 3/8" 1/2" 5/8" .710"

Thor Tool Corporation reserves the right to incorporate changes in products, specifications, design, construction, materials, prices, etc. at will, without notice, and without incurring any liability or obligation.

Prices FOB our factory, San Leandro, California, USA

For additional information, contact your nearest Thor distributor or call us toll free at 800/222-8467.

Call Toll Free: 800/222-8467



Prices For Thor 1210 Punch Presses And Accessories

Model 1210 Hand Operated Press Hand Operated 10-station turret punch press with a 12" throat depth, and 1" diameter punching capacity through 14-gauge mild steel. **\$2990.00**
P2
Price includes:
• #TP61 Tooling Package **\$286 10 Sets**
• Operating Manual/Parts List
1 week lead time

Accessories

Model WTS12 Standard Work Table Standard 22" x 24" work table. Includes sliding work gauges, mounting hardware, and instructions. **\$725.00**
P8
Note: Must be mounted on the #FS12 floor stand.

Model WTM12 Micrometer Work Table Micrometer 22" x 24" gauging work table. Includes micrometer, dials for X-Y positioning, mounting hardware, and operating instructions. **\$1595.00**
P8
Note: Must be mounted on the #FS12 floor stand.

FS12 Floor Stand Measures 13"W x 28"L x 34"H. **\$590.00**
P8
Note: Required for either work table.

Press Manuals Duplicate copies of the Operating Manual and Parts List for the Model 1210 punch press. **\$12.50**
P8
Note: One initial copy is supplied with each punch press.

Tooling Packages

Thor tooling packages are offered at special prices to complement your Thor 1210 Series Punch Press.
• All dies in the tooling packages have .008-.010" clearance.
• For tooling not offered in the packages, ask for a free copy of Thor's current 1210 Series Tooling.

#TP61 Starter Rounds (10 Sets)

1/8" 3/16" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4" 7/8" 1" (diameters)

#TP62 Rounds (21 Sets)

.062" .093" .098" .129" .140" .155" .179" .193" .203" .218" .256"
.281" .343" .406" .537" .466" .531" .562" .687" .812" .937"

#TP63 Obrounds (18 Sets)

1/8" x 1/4" 1/8" x 3/4" 3/16" x 1/2" 1/4" x 1/2" 5/16" x 1/2" 3/8" x 3/4"
1/8" x 3/8" 1/8" x 1" 3/16" x 3/4" 1/4" x 3/4" 5/16" x 3/4" 3/8" x 1"
1/8" x 1/2" 3/16" x 3/8" 3/16" x 1" 1/4" x 1" 5/16" x 1" 1"

#TP64 Rectangles (13 Sets)

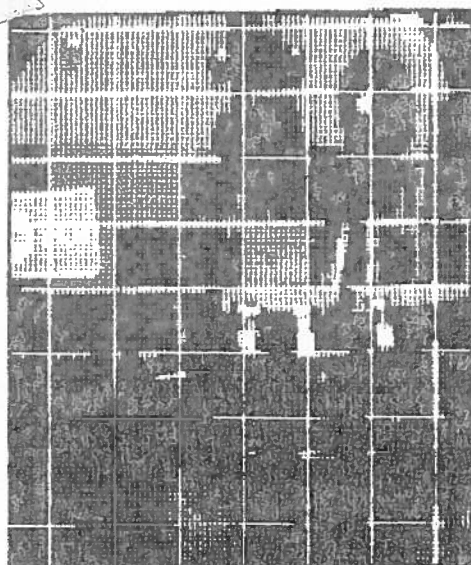
1/8" x 3/8" 1/8" x 3/4" 3/16" x 5/8" 3/16" x 3/4" 1/4" x 1/2" 1/4" x .965"
1/8" x 1/2" 1/8" x 1" 3/16" x .975" 3/16" x 1/2" 1/4" x 3/4" 3/8" x 3/4"

#TP65 Squares (7 Sets)

1/8" 1/4" 5/16" 3/8" 1/2" 5/8" 3/4"

Thor Tool Corporation reserves the right to incorporate changes in product design, materials, or construction without notice, without incurring any liability or obligation.

Manufactured in our factory, San Leandro, California, USA. For additional information, contact your distributor or Thor Tool Corporation.



THOR

1210 Series Punch Presses

Hand Operated Turret Punch Presses
Accessories
Tooling Packages

Prices Effective October 1, 1991

Combining Precision And Practicality

The hand operated Thor 1210 Turret Punch Press is unrivaled in design, workmanship and performance in its class. It's ideal for the hole stamping requirements of prototype development, small part production, and medium production manufacturing.

Intelligently designed and precision engineered, the Model 1210 is noted for its sturdy construction and easy tooling setups.

Remarkable in its versatility, the Model 1210 has 10 stations that accommodate hole sizes up to one full inch through 14-gauge mild steel in sheet sizes up to 24" x any length you can fit in your shop.

To optimize production, complement the press with a custom-fit work table. Our tooling packages are also a cost effective way to get the most from your Model 1210 (see back page).

Specifications

1210 Punch Press

- Throat Depth: 12" (305 mm)
- Stations: 10
- Maximum Material Capacity:
1" (25.4 mm) diameter hole in
14-gauge (2 mm) mild steel (with
proper punch shear and die
clearance)
- Clearance Between Die Tops And
Punch Turret: 7/23" (5.5 mm)
- Press Width: 3.5" (89 mm)
- Press Length: 22" (559 mm)
- Press Height: 15.5" (394 mm)
- Mounting System: Optional floor
stand
- Press Weight: 125# (57 Kg)
- Shipping Weight: 152# (69 Kg)

1210 Series Punches

- Shank Diameter: 1/2" (12.7 mm)
- Length: 2-13/32" (61 mm)
- Point Size Range*
- Style 1 (Stations 1-10): Up to 1/2"
(12.7 mm)
- Style 2 (Stations 6-10): Over 1/2"
to 1" (25.4 mm)

For tooling prices, see the current Thor 1210
Series Tooling Price List.

1210 Die Styles

Style A

- Diameter: 1-1/4" (31.7 mm)
- Thickness: 5/8" (16 mm)
- Fits Stations: #1 to #8

Style B

- Diameter: 1-9/16" (39.7 mm)
- Thickness: 19/32" (15 mm)
- Fits Stations: #9 and #10

Standard Work Table

Maximum Gauge Travel From Punch Centerline

- To Front or Back: 9-1/2" (241 mm)
- To Left or Right: 12" (305 mm)

Physical Characteristics

- Dimensions: 5' 18" x 22" x 24"
(8 mm x 559 mm x 610 mm)
- Net Weight: 56# (26 Kg)
- Shipping Weight: 109# (50 Kg)
- Construction: Heavy-duty steel
plate, stress relieved and precision
ground to ensure flatness
- Standard Equipment: Mounting
hardware and instructions

Floor Stand

- Net Weight: 84# (38 Kg)
- Shipping Weight: 102# (47 Kg)
- Standard Equipment: Two shelves



1210 Style Punches and Dies

Price List 804

Effective April 1, 1992

Shape	Punch Size "A"	Die Style	Punch or Die Only	Set
Round	Up to .500"	A	\$15.00	\$25.00
	.501" to .750"	A	18.00	32.00
	.751" to 1.000"	B	20.00	36.00
Obround	Up to .500"	A	\$45.00	\$76.00
	.501" to .750"	A	49.00	83.00
	.751" to 1.000"	B	52.00	94.00
Rectangle	Up to .500"	A	\$45.00	\$76.00
	.501" to .750"	A	49.00	83.00
	.751" to 1.000"	B	52.00	94.00
Square	Up to .353"	A	\$45.00	\$76.00
	.354" to .532"	A	49.00	83.00
	.533" to .710"	B	52.00	94.00
D-Style	Up to .375"	A	\$46.00	\$77.00
	.376" to .750"	A	50.00	85.00
	.751" to 1.000"	B	54.00	96.00
Double D-Style	Up to .375"	A	\$48.00	\$80.00
	.376" to .750"	A	57.00	97.00
	.751" to 1.000"	B	58.00	105.00
Keyway	Up to .375"	A	\$124.00	\$205.00
	.376" to .750"	A	128.00	214.00
	.751" to 1.000"	B	135.00	226.00
Keyhole	Up to .375"	A	\$148.00	\$220.00
	.376" to .750"	A	158.00	235.00
	.751" to 1.000"	B	164.00	245.00
Hexagon	Up to .432"	A	\$61.00	\$102.00
	.433" to .650"	A	66.00	111.00
	.651" to 1.000"	B	76.00	121.00
Corner Rounding	1/16" Radius 1/8" Radius 3/16" Radius 1/4" Radius 3/8" Radius 1/2" Radius	B	Sets Only Add 25% for special sizes not listed.	\$279.00

Ordering Information

- Specify size and shape of hole or blank being stamped.
- Specify thickness and type of material being stamped.
- Unless otherwise specified, standard shape position is as illustrated under "Shape" column.
- Send a print or drawing for Special Shapes.

Terms

- Minimum order: \$35.00
- Net-10 Days with established credit.
- Prices F.O.B. Thor, San Leandro, California.
- Restocking charge is 35% of list price on all authorized returns. Specials cannot be returned.

Tooling Information

- Total Die Clearance of .005"-.010" is standard unless otherwise specified. (Clearance of less than .003" is not recommended).
- Special Clearance: Add \$10.00
- Shears: Round punches 1/2" diameter and larger have 1/16" Rooftop Shear standard. Shaped punches have 1/16" Rooftop Shear at our determination.
- Center Points: Standard on punch points 1/8" diameter or larger, and shapes 1/8" wide or wider

Pricing Information

- Radius Corners: \$25.00 each corner.
- Small widths and diameters:
From .020" to .040", double set price.
From .041" to .080", add 75% to set price.
From .081" to .093", add 30% to set price.
- For a 1/8" heel on the punch, add \$20.00.
- For punch pilot pins, add \$40.00.

* MAXIMUM PUNCH DIAMETER OR DIAGONAL IS 1.000"

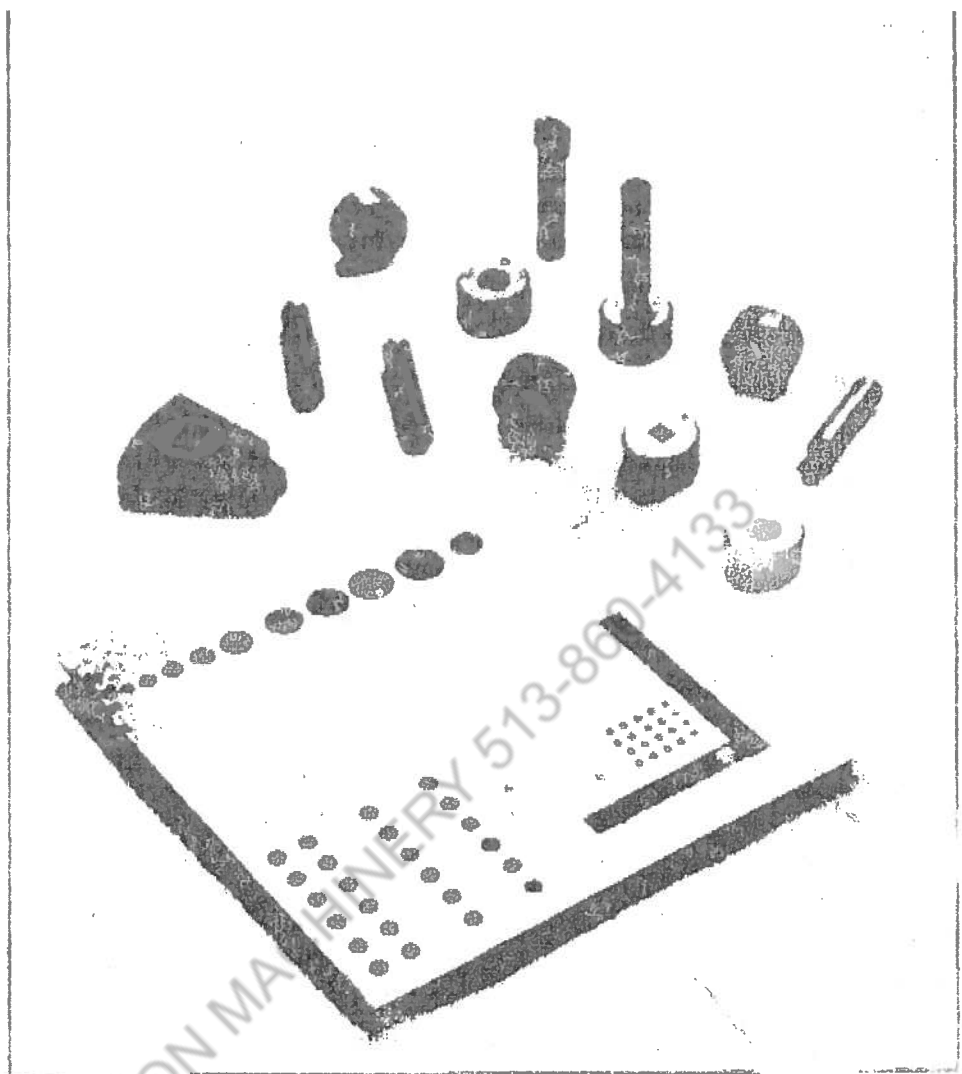
Special Keying

- When keyed for an angle other than the standard 0° and 90°, add \$45.00 to the set price.
- When keyed for an angle in addition to the standard 0° and 90°, add \$70.00 to the set price.

Tooling Features

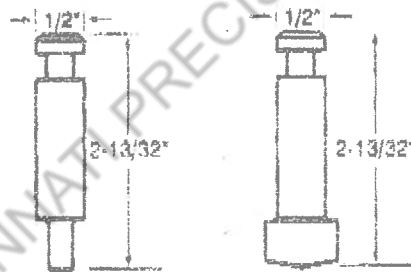
- Fractional, decimal or metric sizes are available with standard or special shapes.
- Shaped tooling (not rounds) is "keyed" to maintain punch and die alignment.
- Punches and dies are precision machined from tool steel.

TOOLING PRICES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



Tooling Specifications

1210 Punch Styles



Style 1

Style 2

Maximum punch point diameter or diagonal To .500" To 1.000"
Fits Turret Stations 1 to 10 6 to 10

1210 Die Styles



Style A

Style B

Maximum punch point diameter or diagonal To .762" To 1.012"
Fits turret stations 1 to 8 9 & 10

Manufactured by:

THOR
Tool Corporation

865 Estabrook Street
San Leandro, CA 94577 USA
510/357-6777

Distributed by:

USA: 800/222-8467
Fax: 510/351-5123

Thor 1210 Series Turret Punch Press

Hand Operated Press & Accessories

The hand operated Thor 1210 Turret Punch Press is unrivaled in design, workmanship and performance in its class.

It's ideal for the hole stamping requirements of prototype development, small part production, and medium production manufacturing.

Intelligently designed and engineered, the Model 1210 is noted for its sturdy construction and easy tooling setups.

The heavy, twin plate steel frame is strong and rigid. Wearing parts are hardened steel. All press mechanisms are enclosed to protect them from dirt. Oil cups keep the ram and turret lock pins lubricated.

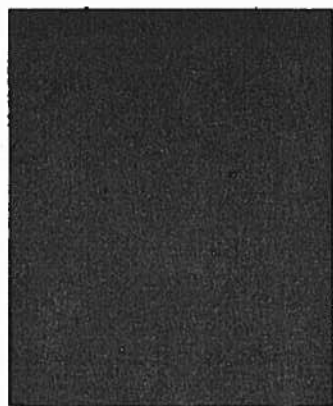
Remarkable in its versatility, the Model 1210 has 10 stations that accommodate hole sizes up to one full inch through 14-gauge mild steel...in sheet sizes up to 24" x any length you can fit in your shop.

To optimize production, complement the press with a custom-fit work table.

And, to get you started, we offer a special price on tooling with your initial order: 15% off on any order over \$300!

If you're not sure what tooling you may need, we will gladly help you in selecting a starter package.

Specifications & Prices



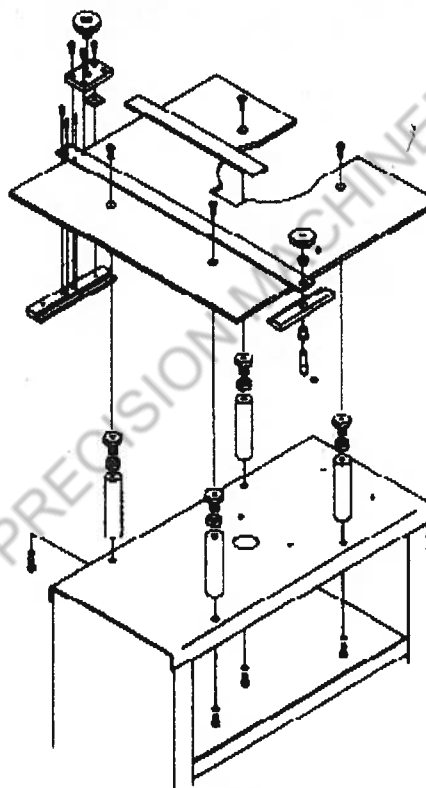
1210 PUNCH PRESS

- Throat Depth: 12" (305 mm)
- Stations: 10
- Maximum Material Capacity:
1" (25.4 mm) diameter hole in
14-gauge (2 mm) mild steel
- Twin Plate Steel Frames
- Ball Or Roller Bearings In Moving Parts
- Clearance Between Die Tops And
Punch Turret: .22" (5.5 mm)
- Press Width: 3.5" (89 mm)
- Press Length: 22" (559 mm)
- Press Height: 15.5" (394 mm)
- Mounting System: Optional floor stand
- Press Weight: 125# (57 Kg)
- Shipping Weight: 152# (69 Kg)

Price For 1210 Punch Press:

\$2,899.⁰⁰

Note: Price includes a copy of the Press
Operating Manual and Parts List



- Net Weight: 84# (38 Kg)
- Shipping Weight: 102# (47 Kg)
- Sturdy All-Steel Construction
- Includes Mounting Holes For Work
Table

Price For Floor Stand Only:

\$599.⁰⁰

WORK TABLE

Maximum Gauge Travel From Punch
Centerline:

- To Front or Back: 9-1/2" (241 mm)
- To Left or Right: 12" (305 mm)

Physical Characteristics:

- Dimensions: 5/16" x 22" x 24"
(8 mm x 559 mm x 610 mm)
- Net Weight: 56# (26 Kg)
- Shipping Weight: 109# (50 Kg)
- Construction: Heavy-duty steel plate,
stress relieved and precision ground to
ensure flatness
- Standard Equipment: Mounting
hardware and instructions
- Since the table requires our floor stand
for mounting purposes, they are sold
as a package

Price For Work Table & Floor Stand:

\$1,299.⁰⁰

- One copy is included free with each
1210 Model Punch Press

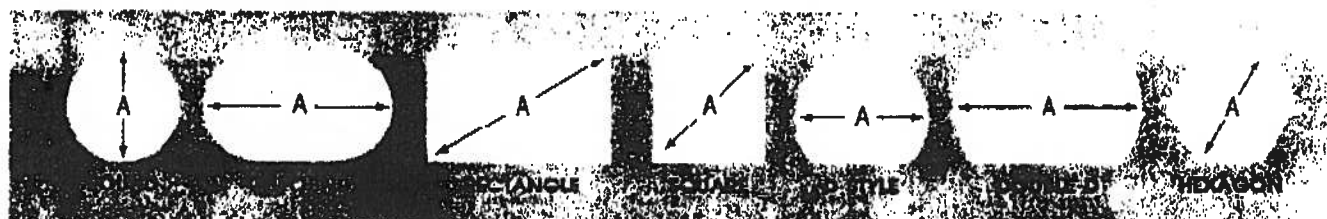
Price Per Additional Press Manual:

\$15.⁰⁰

Initial Orders Over \$300.⁰⁰:

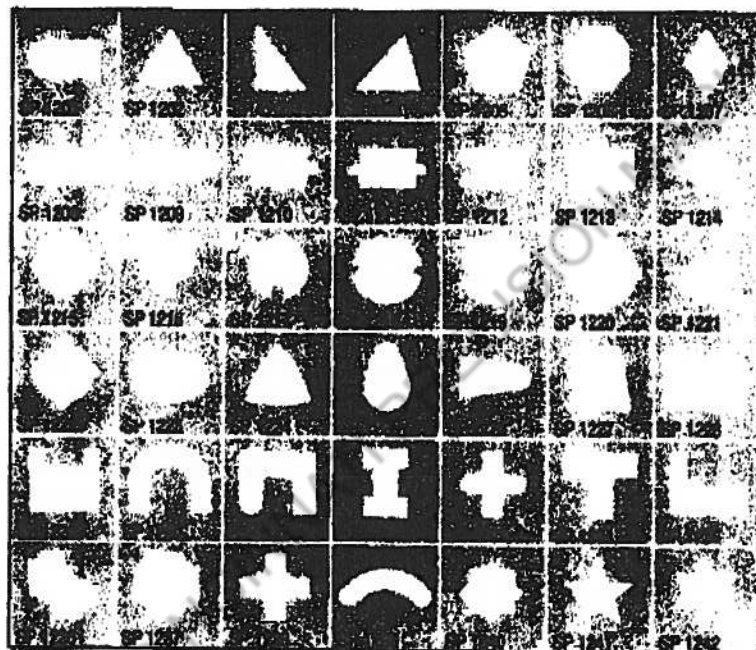
15% Off

Thor Model 1210 Tooling

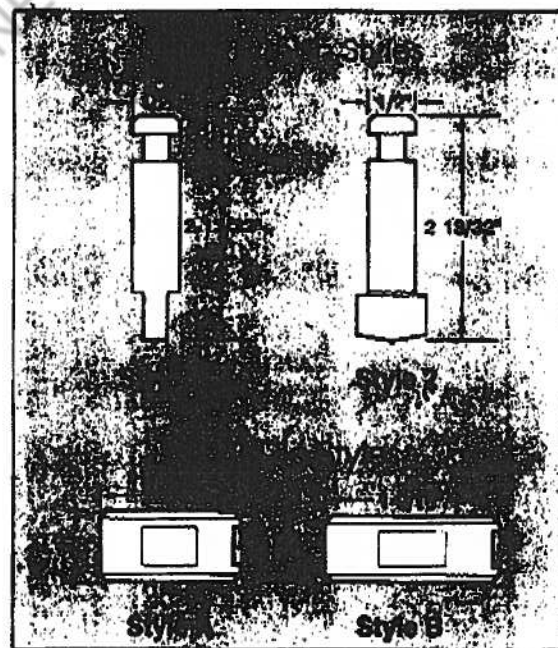


P U N C H S I Z E			R O U N D S			P U N C H S I Z E		
PUNCH SIZE "A"	PUNCH STYLE	DIE STYLE	PUNCH	DIE	SET	PUNCH	DIE	SET
Up to .500"	1	A	\$15.00	\$15.00	\$25.00	\$45.00	\$45.00	\$79.00
.501" to .750"	2	A	18.00	18.00	32.00	49.00	49.00	89.00
.751" to 1.000"	2	B	20.00	20.00	36.00	57.00	57.00	99.00

Special Shapes



Tooling Specifications



Ordering Information

- Specify size and shape of hole or blank being stamped.
- Specify thickness and type of material being stamped.
- Unless otherwise specified, standard shape position is as illustrated.
- Send a print or drawing for Special Shapes. Forming tools are also available; Special Shapes are not limited to examples shown above.

Pricing Information

- Radius Corners: \$25.⁰⁰ each corner.
- Small widths and diameters:
Rounds .062"-.093", add \$3.⁰⁰ per piece.
Shapes .062"-.093", add 25% to price.
- For a 1/8" punch heel, add \$20.⁰⁰.
- For punch pilot pins, add \$40.⁰⁰.
- When keyed at angles other than the standard 0° and 90°, add \$45.⁰⁰ to set price.

Tooling Information

- Total Die Clearance of less than .003" is not recommended. When ordered:
Add \$10.⁰⁰ to set price for rounds
Add \$20.⁰⁰ to set price for shapes
- Shears: Round punches 1/2" diameter and larger have Rooftop Shear standard. Shaped punches have Rooftop Shear at our determination.
- Center Points: Standard on round punches 1/8" diameter or larger, and shapes 1/8" wide or wider.