CENTER PUNCHES

SERIES 304:

Made of hardened and tempered tool steel with ground points. Punches have knurled grip. Set consists of 1 each of 5 punches in plastic pouch.



Point Size	Length	Order No.	Price
1/16	3	3040004	
5/64	4	3040005	
3/32	4	3040006	
9/64	4	3040008	
5/32	4	3040010	
5 pc. se	4	1885000	

CENTER PUNCH WITH MAGNIFIER

SERIES 304:

Made of hardened and tempered tool steel with ground point.

Length: 4"

Magnifier: 1/2" Diameter, 3x power

Order No. 3042500 P



OPTICAL CENTER PUNCH

SERIES 304:



perior Import

Precision Centering tool provides extreme accuracy.

- Superior in accuracy to any tool of its kind, including those with cross hairs, because it presents an unobstructed target to be punched.
- Has an exclusive "Dot & Circle"
 9x power magnification lens.
- Tolerance of ±.001" can be easily obtained.



Order No. 3045000 Price

AUTOMATIC CENTER PUNCH



SERIES 304:



- Hardened and ground punch point.
- Knurled body, 5" long.
- Spring loaded, no hammer required.
- Spring tension cap can be adjusted for light to heavy strokes by rotating cap.

Order No.	3042500	Price	

CENTER PUNCHES

STARRETT SERIES 117:

- Made of specially selected steel, hardened and properly tempered.
- Well proportioned, nicely finished with knurled finger grip.
- Points are ground at the proper angle to give maximum service.
- Tips are accurately centered.
- 5 Piece set furnished in plastic case.



Len	gth	Dia. at Top of Tapered Point		-		
mm	Inch	Inch	mm	Catalog No.	EDP No.	Price
75mm	3	1/16"	1.5mm	117AA	50482	
		5/64"	2mm	117A	50483	
		3/32"	2.5mm	117B	50484	
100mm	4	1/8"	3mm	117C	50485	
		5/32"	4mm	117D	50486	
125mm	5	1/4"	6.5mm	117E	50487	
Set of 5, Nos. 117AA, A, B, C, D in Plastic Case.		S117PC	50488			

CENTER PUNCHES

WITH SQUARE SHANK STARRETT SERIES 264:

Punches have a square knurled grip and will not roll when laid down. Special tempering prevents head from fracturing. Tips are accurately centered and ground at the proper angle to give maximum service.



Catalog No.	EDP No.	Dia at Top of Tapered Point	Thickness of Square Body	Price
264A 264B 264C 264D 264E 264F 264G	51278 51279 51280 51281 51282 51283 51284	1/16" 5/64" 3/32" 1/8" 5/32" 3/16" 1/4"	3/8" 3/8" 3/8" 3/8" 3/8" 7/16"	
S264WB	51285	Set of seven (A,B,C,D,E,F,G) in Round Wood Box		

AUTOMATIC CENTER PUNCH

STARRETT SERIES 818:





Lightweight aluminum handle. No hammer required. Can be adjusted for striking light or heavy indentations by turning knurled cap. Working parts are hardened tool steel. Point may easily be removed for resharpening or replacement. 5" long, 5/8" diameter.

Catalog No.	EDP No.	Price
818	53048	

MACHINE SHOP DISCOUNT SUPPLY

ADJUSTABLE AUTOMATIC CENTER PUNCHES

STARRETT SERIES 18, 18B:

When handle is pressed down, built-in mechanism strikes blow, no hammer required. Force of blow is regulated by turning knurled cap. Constant spring tension assures uniform depth and size of center marking for each setting of cap. Point is removable for regrinding. All working parts hardened. Punches strike heavier blows in proportion to sizes as listed.



Left: 18B

Right: With 18SB Spacing Attachment.

Range: 1/8 - 1-3/4" (3-44mm)



GENERAL

Length	Diameter	Catalog No.	EDP No.	Price
4"/100mm	7/16"/11mm	18AA	50119	
5" / 125mm	9/16"/14mm	18A	50120	
5-1/4" /130mm	11/16"/17mm	18C*	56757	
Point only for 1	8AA & 18A	PT02947	70380	
Point only for 18B		PT02948	70381	
Spacing Attachment		18SB	50126	

^{*} Heavy Duty Model

AUTOMATIC CENTER PUNCHES

SERIES 213:

General's automatic center punches are a precise means of punching center holes for drilling in layout work. A single- handed operation with stored energy design eliminates the need for striking the punch with a hammer. Spring tension cap can be adjusted for light to heavy strokes. Punch depth can be set for repetitive work. Replacement points, shafts and moving parts are hardened alloy steel.

Steel Automatic Center Punch

- For making lighter marking than our Heavy-Duty Punch No. 78.
- Black oxide finish inhibits rust.
- All-steel 5" body with threaded, replaceable hardened steel point and shaft.
- Body diameter is 1/2".



Model No.	Description	Order No.	Price
79	Punch	310729	
79P	Replacement Point	310781	
79P/2	Replacement Points (2)	310798	

Heavy-Duty Steel Automatic Center Punch

- Heavy-duty center punch.
- Black oxide finish inhibits rust.
- All-steel 6" body with threaded, replaceable hardened steel point and shaft.
- Body diameter is 5/8".



Model No.	Description	Order No.	Price
78	Punch	310668	
78P	Replacement Point	310682	

Ball Bearing

Automatic Center Punch

- Unique ball bearing action.
- Lightweight aluminum body with long wearing alloy steel parts.
- Body diameter 5/8"; overall length 5".



Model No.	Description	Order No.	Price
77	Punch	310620	

Solid Point Automatic Center Punch

- One hand operation. No hammer needed.
- Spring tension adjusts for light or heavy marking.
- Black oxide finish inhibits rust.
- All-steel 5" body with hardened steel point and shaft.
- Body diameter is 1/2"



Pocket Automatic Center Punch

• Punches, marks, scribes and starts nail or screw holes.

79X

 Lightweight aluminum body with replaceable alloy steel point for long wear.

31084

- Adjusts for light or heavy markings.
- Pencil slim design with pocket clip.



Model No.	Description	Order No.	Price
87	Punch	311085	
87P	Replacement Point	311108	

DRIVE PIN PUNCHES

STARRETT SERIES 565:

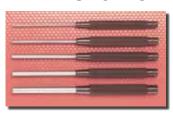
Specially selected tool steel. Well proportioned, hardened, nicely finished with knurled finger grip. Size is stamped on the head of each punch.



			-1 1150	
Catalog No.	EDP No.	Dia. Punch	Dia. Body	Price
565A 565B 565C 565D 565E 565F 565G	52578 52579 52580 52581 52582 52583 52584	1/16" 3/32" 1/8" 5/32" 3/16" 7/32" 1/4"	19/64" 19/64" 19/64" 19/64" 5/16 25/64"	
565H S565WB S565PC	52585 52586 52587	5/16" 29/64" Set of eight drive pin punches in round wood box Set of eight drive pin punches in attractive, protective case		

LONG DRIVE PIN PUNCHES

SERIES 248:





Extra long, 8"/ 200mm. Bodies are 4-1/2"/ 115mm and drive pin sections 3-1/2" long. For machine shop and motor service work. Made from specially selected tool steel, well proportioned and hardened. Knurled grip. Punches follow long cotter pins, etc. into a hole without hinderance. Diameter of punches slightly less than sizes shown below.

Dia. Punch	Dia. Body	Catalog No.	EDP No.	Price
1/8" / 3mm	7/16"	248A	51181	
3/16" / 5mm	1/2	248B	51182	
1/4" / 6mm	1/2	248C	51183	
5/16" / 8mm	1/2	248D	51184	
3/8" / 9.5mm	9/16	248E	51185	
Set of 5 punches (A-	E)	in S248PC	51186	
protective Vinyl case	•			
Set of 5 punches (A-E) in plain box.		S248	51187	

BENCH BLOCK

SERIES 639:

- For holding work when driving pins, drilling etc.
- V-Groove for holding round or odd shaped work.
- Hardened & ground with a smooth finish will not mar work.
- 3" Diameter, 1-1/2" Height
- Holes vary in size from 1/8 5/8".

Order No. 3042500



DRIVE PIN PUNCHES

SERIES 305:



Made of heat treated tool steel for extra strength. Punches are centerless ground, 4" long, have knurled bodies, and are stamped with size. All punch diameters are supplied .005" undersize from the dimensions shown. Set consists of 1 each of 8 punches in plastic pouch.



Dia.	Order No.	Price
1/16	3050004	
3/32	3050006	
1/8	3050008	
5/32	3050010	
3/16	3050012	
7/32	3050014	
1/4	3050016	
5/16	3050020	
8 pc. Set	1890000	

8" DRIVE PIN PUNCHES

SERIES 305:



Superior Import



Similar to SERIES 305 above However:

Overall Length: 8"; Length of Driving Pin Section: 3-1/2" Set consists of 1 each of 5 punches in a plastic pouch.

	Diameter	Order No.	Price
	1/8 3/16 1/4 5/16 3/8	3050804 3050812 3050816 3050820 3050824	
1	5 pc.set	1895000	

UNIVERSAL TRANSFER CENTER PUNCHES & ALIGNERS

SERIES 301:





- Perfect center hole alignment for all hole sizes within the range of the punch.
- The spring loaded knurled body is pushed down until its face is in contact with the work. A tap with a hammer marks the workpiece.
- All parts made from hardened steel.

Order Range	No.	Price
3/16 - 5/8" 3/16 - 1-3/16"	3010001 3010002	



CHINE SHOP DISCOUNT SUPPLY

BRASS PUNCHES -NON SPARKING



Superior Import

SERIES 305:

- Made from high quality brass hexagonal stock.
- Ideal Punches for working in no mar, no spark situation.
- Punch diameter are undersized approx. .005"(0.127mm)
- 3-1/2"(90mm) long.
- Available in individual sizes and also in a set of 8 punches in attractive plastic pouch.

Order No.	Punch Diameter	Price
3050116 3050332 3050118 3050532 3050316 3050732 3050114 3050516 3050800	1/16"/1.6mm 3/32"/2.4mm 1/8"/ 3.2mm 5/32"/4.0mm 3/16"/4.8mm 7/32"/5.5mm 1/4"/6.4mm 5/16"/8.0mm Set of above 8 brass punches in a plastic pouch	



17 PC ALL PURPOSE **PUNCH SET**



SERIES 305:

- Very useful set for all punching needs.
- · Consists of eight popular sizes of 4" (100mm) long drive pin punches
- Eight non sparking brass punches 3-1/2"(90mm) long and one automatic center punch
- Available in attractive plastic pouch.



Order No.	Description	Price
3050017	Set consist of 4"(100mm) long drive pin punches: 1/16"(1.6mm), 3/32" (2.4mm) 1/8" (3.2mm), 5/32"(4.0mm), 3/16"(4.8mm), 7/32" (5.5mm) 1/4" (6.3mm) and 5/16"(8.0mm) And 3-1/2"(90mm) long brass pin punches 1/16" (1.6mm), 3/32" (2.4mm), 1/8"(3.2mm), 5/32" (4.0mm), 3/16"(4.8mm), 7/32"(5.5mm), 1/4" (6.3mm)and 5/16"(8.0mm) and automatic (125mm) long	

13 PC COMBINATION DRIVE PIN PUNCH AND CENTER PUNCH SET



SERIES 305:

- Very handy pin punch set in a plastic pouch.
- Consists of eight popular sizes in 4"(100mm) long drive pin punches and five sizes of center punches.
- · Very useful set for machinists, tool makers etc.
- Available in attractive plastic pouch



Order No.	Description	Price
3050013	Set consisting of 4" (100mm) long drive pin punches: 1/16"(1.6mm), 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm), 7/32" (5.5mm), 1/4"(6.3mm), 5/16"(8.0mm) And Center punches 1/16"(1.6mm), 5/64"(2.0mm), 3/32"(2.4mm), 9/64" (3.6mm), 5/32"(4.0mm)	

13 PC DRIVE PIN PUNCH SET



4" (100MM) AND 8"(200MM) DRIVE PIN PUNCHES

SERIES 305:

- Very handy pin punch set in a plastic pouch.
- Consists of eight popular sizes in 4" (100mm) long and five popular sizes in 8" (200mm) long drive pin punches.
- Very useful set for machinists, hobbyist, automotive and construction industry.
- Available in attractive plastic pouch.

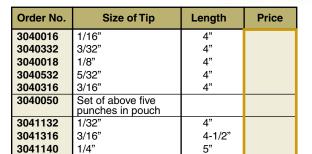


Order No	Description	Price
3050513	Set Consisting of 4" (100mm) long: 1/16" (1.6mm), 3/32" (2.4mm), 1/8" (3.2mm), 5/32" (4.0mm), 3/16" (4.8mm), 7/32" (5.5mm),1/4" (6.3mm) and 5/16 (8.0mm) And 8" (200mm) long: 1/8" (3.2mm), 3/16" (4.8mm), 1/4" (6.3mm), 5/16" (8.0mm) and 3/8" (9.5mm).	





- Hardened and Tempered for long life.
- Round head with shiny Black Finish.
- Heavy Knurled Body for better grip.



TAPER PUNCHES (ALIGNING PUNCHES) **SERIES 442:**



- Hardened and Tempered for long life.
- Heavy Knurled Body for better grip.
- Punches are ground.
- Shiny Black Finish.

Size of Tip	Length	Price
1/8"	7"	
3/16"	9"	
1/4"	10"	
5/16"	12"	
Set of all four Taper		
Punches in a Display		
Pouch.		
	1/8" 3/16" 1/4" 5/16" Set of all four Taper Punches in a Display	1/8" 7" 3/16" 9" 1/4" 10" 5/16" 12" Set of all four Taper Punches in a Display

Tel 201.518.8472 / 800.388.0459 (USA & CANADA) / Email sales@msdiscounttool.com

PUNCH AND CHISEL SET MANA

SERIES 442:





-	Order	No.of	Size		
	No.	Pcs.	Inch	mm	Price
	4420007	7	2 Chisels 5/16x4 and 3/8 x 5 1 center punch 5/16 x 4 2 Pin punches 1/8 x 4 and 3/16 x 6 2 Nail Punches 5/32 x 4 and 1/4x6	8x100and 9.5x125 8x100 3.2x100 and 4.8x150 4x100and 6.3x150	
	4420015	5	1 Chisel 3/8 x 4 2 Center punches 1/8 x 4 and 5/32 x 4 1 pin punch 5/32 x 4 1 nail punch 3/32 x 4	9.5x100 3.2x100 4x100 4x100 2.4x100	

COLD CHISELS

SERIES 442:

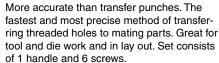


- Made of tested tool steel.
- Striking surface is tempered for long life.
- Cutting edge is precise ground to exact angle.
- · Available in black shiny finish.

Order No.	Size of Total Cutting edge Length		Price
4420516	5/16"/8.0mm	4"/100mm	
4420538	3/8"/9.5mm	5"/125mm	
4420512	1/2"/12.7mm	6"/150mm	
4420558	5/8"/16.0mm	6"/150mm	
4420534	3/4"/19.00mm	7"/175mm	
4420100	1"/25.00mm	8"/200mm	
4423419	3/4"/19.00mm	12"/300mm	
4421182	1-1/8"/28.00mm	12"/300mm	
4420004	Set of four cold chise	els 3/8"(9.5mm), 1/2"(12.7mm),	
	5/8"(16.00mm) & 3/4"(19.00mm) in a pouch		
4420005	Set of five cold chisel 5/16"(8.0mm), 3/8"(9.5mm),		
	1/2" (12.7mm) 5/8" (16.00mm) & 3/4" (19.00mm)		
	in a pouch		

7-PIECE TRANSFER **SCREW SETS**

SERIES 574:



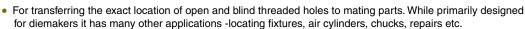


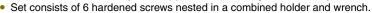
Superior Import

Size	NC Pitch	Order No.	Price	NF Pitch	Order No.	Price
4	40	5740440		48	5740448	
5	40	5740540		44	5740544	
6	32	5740632		40	5740640	
8	32	5740832		36	5740836	
10	24	5741024		32	5741032	
12	24	5741224		28	5741228	
1/4	20	5741620		28	5741628	
5/16	18	5742018		24	5742024	
3/8	16	5742416		24	5742424	
7/16	14	5742814		20	5742820	
1/2	13	5743213		20	5743220	
9/16	12	5743612		18	5743618	
5/8	11	5744011		18	5744018	
3/4	10	5744810		16	5744816	
7/8	9	5745609		14	5745614	
1	8	5746408		14	5746414	

TRANSFER SCREW SETS

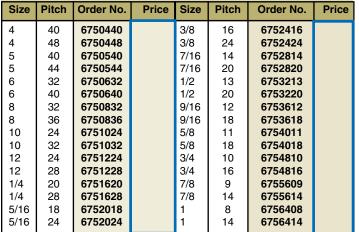
SERIES 675:





• Each set is a complete tool; no wrenches or pliers are necessary.







		4
1. Slip so	rew into	end

Size	Pitch	Order No.	Price
МЗ	0.50	6750003	
M4	0.70	6750004	
M5	0.80	6750005	
M6	1.00	6750006	
M8	1.25	6750008	
M10	1.50	6750010	
M12	1.75	6750012	
M14	2.00	6750014	
M16	2.00	6750016	
M20	2.50	6750020	
M24	3.00	6750024	





2. Screw in flush with top of hex.



3. One solid blow.



4. Result: the perfect layout.

MACHINE SHOP DISCOUNT SUPPLY

TRANSFER PUNCHES & SETS

SERIES 301:

- For transferring of threaded, drilled, and reamed holes.
- Punches are made of heat-treated and tempered tool steel, and have a black oxide finish.
- Diameters are .0025" undersize.
- Indexed stand.



Description	Order No.	Price
25pcs 1mm to 13mm by 0.5mm 26pcs Letters A-Z 28pcs 3/32" to 1/2" by 64ths	3010025 3010026 1865000	
plus 17/32" 33pcs 1/2" to 1 x by 64ths 60 pcs Numbers 1 to 60	3010034 3010060	

INDIVIDUAL PUNCHES

1/4

1865017

1865018

1865019

17/64

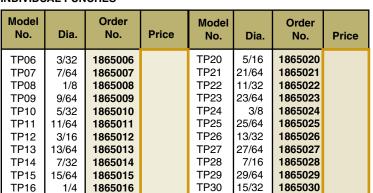
9/32

19/64

TP17

TP18

TP19



TP31

TP32

TP34

31/64

17/32

1/2

1865031

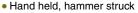
1865032

1865034

LETTER AND FIGURE STAMP SETS

SERIES 208:





- Crowned striking insures full force to the center of stamp
- · Packed in durable storage containers
- LETTER SETS contain 27 pieces, A thru Z plus ampersand (&)
- FIGURE SETS contain 9 pieces, 0 thru 8 (the 6 is used as 9)
- Combination LETTER and FIGURE SETS contain 36 pieces

Stamps are made of fine quality steel, carefully hardened for utmost toughness.

Size of	Letter Sets		Figure Sets		Combo Sets	
Character	Order No.	Price	Order No.	Price	Order No.	Price
1/16 3/32 1/8 3/16 1/4 3/8	1925004 1925006 1925008 1925012 1925016 1925024		1925104 1925106 1925108 1925112 1925116 1925124		2080104 2080106 2080108 2080112 2080116 2080124	

STEEL TYPE SETS

SERIES 208:

Includes: STEEL TYPE & HOLDER

- With one stroke a series of letters and figures may be indented in a product or name plate with uniform legibility.
- Steel type and holders are available as a complete marking kit furnished in a case.
- Complete marking kits include a complete selection of letters, numbers, assorted marks, spacers, and a holder.



Type Size	No. of Pieces	Character Capacity	Order No.	Price
1/16	112	18	3115004	
3/32	112	12	3115006	
1/8	112	9	3115008	
3/16	106	8	3115012	

LETTER AND FIGURE Young Bros. Stamp Works Inc. STAMP SETS

SERIES 311:

To order individual stamps, specify set number plus character, Ex. #5 stamp in 1/8" heavy duty would be No. 3112108-5



STANDARD GENERAL PURPOSE

High caliber general performance at a lower cost. Recommended for medium to light duty marking. Marked with slash on thumb side.

Size of	Letter Sets		Figure Sets		Combo Sets	
Character	Order No.	Price	Order No.	Price	Order No.	Price
1/16	3110004		3110104		3120622	
3/32	3110004		3110104		3120623	
1/8	3110008		3110108		3120624	
3/16	3110012		3110112		3120625	
1/4	3110016		3110116		3120626	
3/8	3110024		3110124		3120627	

PREMIER INDUSTRIAL HEAVY DUTY

Large shanks are designed to hold up under continuous hard hammering. Recommended for heavy duty marking. Marked with character designation and size on thumb side.

Size of	Letter S	ets	Figure Sets	
Character	Order No.	Price	Order No.	Price
1/16	3112004		3112104	
3/32	3112006		3112106	
1/8	3112008		3112108	
3/16	3112012		3112112	
1/4	3112016		3112116	
3/8	3112024		3112124	

REVERSED

For use in marking rubber molds, plastic molds, thin metal patterns, forging dies, etc. These stamps produce a reversed impression in the mold which produces a raised character on the molded product.



Size o	f	Letter Sets Order No. Price		Figure Sets		
Charact	ter			Order No.	Price	
1/16		3101274		3101094		
3/32		3102274		3102094		
1/8		3103274		3103094		
3/16		3105274		3105094		
1/4		3106274		3106094		
3/8		3108274		3108094		