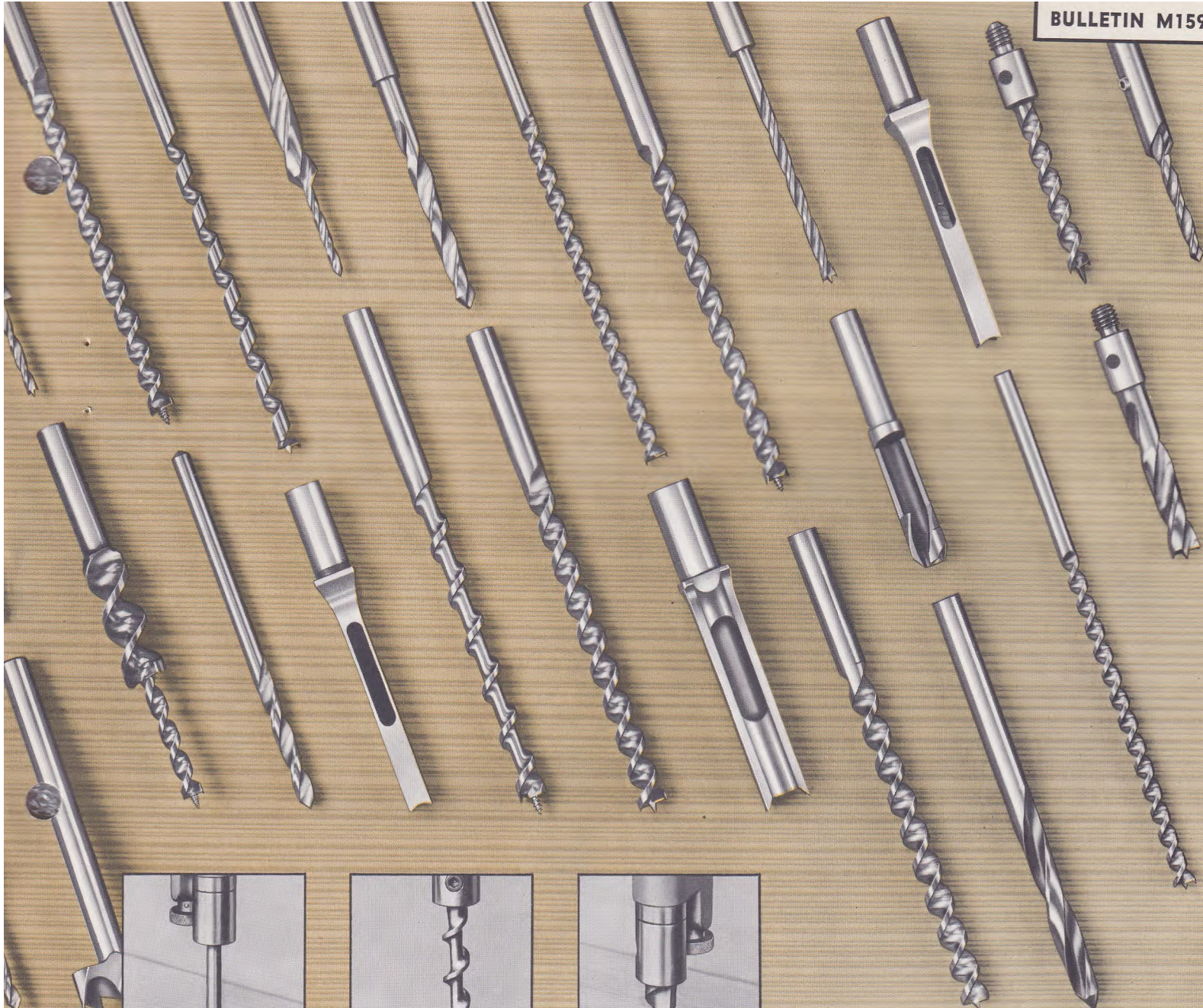


**WOODWORKING TOOLS
FOR MORTISING,
BORING, ROUTING**



GREENLEE BORING TOOLS

Boring holes smoother, faster is standard procedure with GREENLEE tools. The years of experience behind their manufacture have earned GREENLEE tools a reputation for dependability and durability. Each tool is made to exact specifications from the best material available, heat-treated to proper hardness, and ground or polished, depending on the individual tool, to assure best results.

This circular includes most of the tools made for boring, mortising, and routing. Details for these and information on special tools will be sent on request.

No. 150 DOUBLE-SPUR, DOUBLE-TWIST MACHINE BIT. (With screw point). A fast cutting bit for boring both small and large holes to various depths. Chips are elevated by both channels.

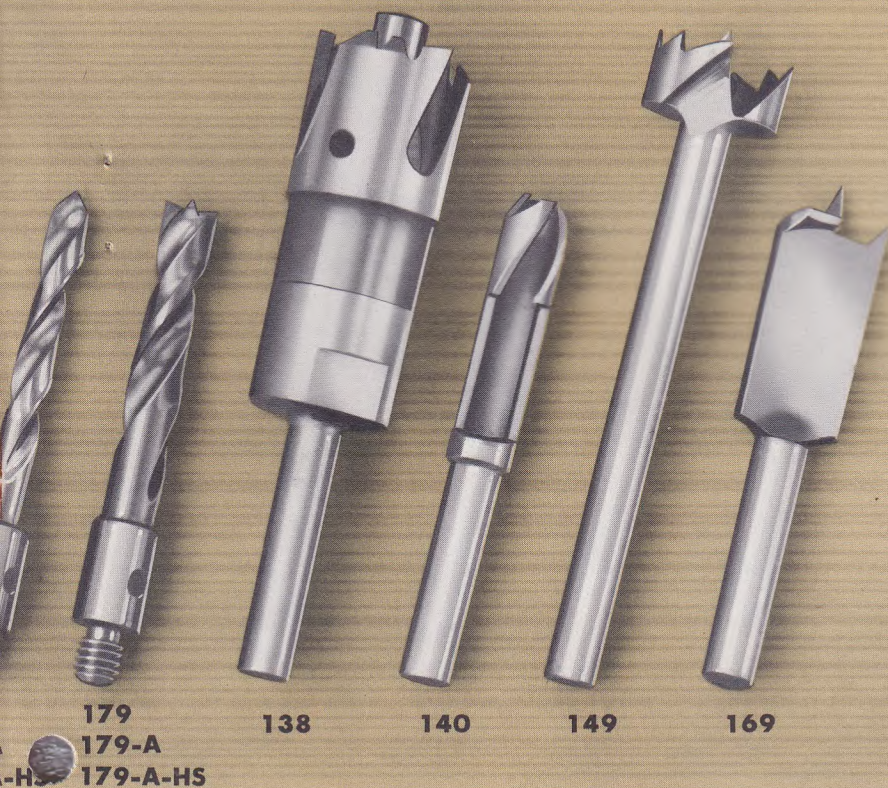
No. 150 (Brad point) and **No. 153** (Flat cut, without spurs) are modifications of No. 150 above. A wide assortment of sizes and lengths stocked.

No. 151 EXTENSION-LIP MACHINE BIT. A smooth-boring tool for exacting requirements. Spurs outline hole by severing fibers so cutters can remove stock without tearing. Double screw point. Stocked in 4 and 6" twist, sizes 1/4 to 1" by sixteenths.

Nos. 161 and 162 RELISHING BITS have 3/8 and 1/2" shanks respectively. These bits are excellent for fine cabinet boring and can be used equally well in portable power equipment. They are identical to the No. 151 except twist length is only 2-1/4". Stock sizes, 1/4 through 1" by sixteenths.

No. 155 SOLID-CENTER MACHINE BIT. A general purpose bit with cutting edge of Extension-Lip pattern with two cutters. Single spiral offers great strength and rigidity with maximum chip clearance. Wide range of sizes and lengths available.

No. 157 SHIP-AUGER MACHINE BIT. The single-twist makes a stiff, strong tool with ample chip clearance which is particularly suited for boring extreme depths. Bit has one cutting edge and lip. Excellent for use in portable boring machines for all construction work. Twist lengths, 12, 18, and 24"; sizes 9/16 to 1-1/16" by sixteenths stocked. Also available in 15" twist, sizes 1-1/8 to 1-1/2" by eighths, plus 1-3/4" and 2".



179
179-A
-HS 179-A-HS

138

140

149

169

No. 158 SHIP-AUGER MACHINE BIT WITHOUT SCREW. Identical to the No. 157 except without screw point. Minus screw point, bit has less tendency to lead off with the grain of the wood which results in straighter, deep boring.

No. 159 SINGLE-SPUR MACHINE BIT. Designed for boring deep, smooth holes in bridge, dock and other construction work. Has medium screw point and ship-auger twist. Recommended for use with portable electric or air-driven boring machines. Twist lengths, 12, 18, and 24"; sizes 9/16 to 1-1/16" by sixteenths.

No. 176 TAPER-HEAD DRILL. Heat-treated to withstand severe use in boring hard and soft wood for furniture, implement, cabinet, and truck body work. Assortment of sizes and lengths available.

No. 176-D DOOR DOWEL DRILL. Designed for boring dowel holes in doors. Made of *high-speed steel*, heat-treated for long wear. Ground over-all for perfect straightness. Available for right- and left-hand spindles. In sizes 1/2 and 5/8" only.

No. 177 SPUR MACHINE DRILL (With Brad Point). Recommended for power-feed machines, these bits are widely used for cross-grain boring. Head, twist, and shank are ground after hardening to insure accuracy. Flute provides long life. Twist length, 4"; sizes 3/16 to 1/2" by thirty-seconds, 1/2 to 1-1/8" by sixteenths, and 1-1/4".

Nos. 163 and 164 SCREW-SHANK DOWEL BITS (With Extension-Lip Head). Double-twist bits. No. 163, 5/16" shank x No. 20 thread. No. 164, 7/16" shank x No. 14 thread. Available in dowel sizes with single- or double-thread screw point.

Nos. 178, 178-A and 178-A-HS SCREW-SHANK DOWEL DRILLS. Taper head type drill, excellent for end-grain boring. Ground after hardening and easily resharpened. No. 178, 5/16" shank x No. 20 thread; No. 178-A, 7/16" shank x No. 14 thread. No. 178-A-HS *high-speed steel* (right and left hand), 7/16" shank x No. 14 thread.

Nos. 179, 179-A, 179-A-HS, and 179-M SCREW-SHANK DOWEL DRILLS (With Brad Point). Recommended for cross-grain boring. Ground after hardening for greater accuracy. No. 179, 5/16" shank x No. 20 thread; No. 179-A, 7/16" shank x No. 14 thread; No. 179-A-HS *high-speed steel* (right and left hand), 7/16" shank x No. 14 thread; No. 179-M, 5/16" shank x No. 18 thread.

No. 138 PLUG CUTTER. Easily and quickly cuts plugs up to 1" thick with 1-1/8" to 2" diameters. Consists of two parts, the adapter and the cutting barrel. The adapter has spring plug ejector and handles all sizes of cutting barrels.

No. 140 SPIRAL PLUG CUTTER. Smooth cutting, ground internally and externally. Cuts cross- or end-grain plugs up to 2" in length, plugs up to 1" thick can be cleared through 1-1/8" opening. 7 sizes, 3/8 to 1".

No. 149 MULTI-SPUR MACHINE BIT. A smooth, fast cutting tool that bores large holes with a minimum of power. Bores well in hard and soft wood at any angle, overlapping or on close centers. Will not split or tear veneered stock even when boring completely through work piece. 37 sizes, 1/2 to 4" with 1/2" round shank. Sizes 3-1/4 to 4" also available with 3/4" shank.

No. 169 MACHINE CENTER BIT. Excellent for boring shallow holes of large diameter in light stock. Sizes range from 3/4 to 4".

BIT HEADS GREENLEE MACHINE BITS



No. 150



No. 150
(Brad Point)



No. 151



No. 153



No. 155



No. 157



No. 158



No. 159



174

175

180

18

174-A 175-A

COUNTERSINKING TOOLS include those for drilling beveled countersinks for the tapered section under the head of flat-head wood screws, drilling flat-bottom countersinks, and for counterboring holes already bored. Fixed or adjustable types are available. A setscrew holds the counter on the lead drill of the adjustable type. Adjustable countersinks Nos. 195, 198, and 199 also have a split shank. Therefore, the counter can be set at any point along the lead drill to control the depth of boring. Lead drills on this type of countersink can be replaced easily if damaged, saving the expense of buying a complete tool.

When ordering or writing for information concerning these tools, please specify length and diameter of large counter and small lead, and shank.

Nos. 174 and 174-A STRAIGHT-SHANK TAPER-POINT DRILLS. Made for Greenlee Countersinks to bore tapered holes for wood screws. Taper of about 1" corresponds to threaded part of screw.

Nos. 175 and 175-A STRAIGHT SHANK DRILLS. Twist section has full diameter throughout. Head has standard wood drill taper.

NOTE: Nos. 174 and 175, 2-1/2" twist, 6" over-all, use with Greenlee Nos. 191, 192, and 195 Countersinks. Nos. 174-A and 175-A, 2" twist, 4-1/2" over-all, use with Greenlee Nos. 191, 192, 195, 198, and 199 Countersinks.

No. 180 COUNTERSINK MACHINE BIT. An ideal tool for boring accurate concentric holes of different diameters in one operation. Has double spur lead and counter, screw or brad point. Made to order.

No. 184 MULTI-SPUR COUNTERSINK CUTTER. Designed to fit on 1/2-inch shanks of standard machine bits and held in place by a setscrew. Eliminates necessity of buying solid countersinks which are not standard. Bores easily. Range: 1 to 2-1/2".

No. 185 COUNTERSINK DRILL. For boring and countersinking holes for wood screws. Bevel corresponds to taper on a screw head.

No. 186 COUNTERSINK DRILL. Counter and lead are both of the spur machine drill type for boring flat-bottom countersunk holes. Produces smooth hole on both diameters.

No. 189 COUNTERBORE MACHINE BIT. Designed for counter-boring or enlarging holes already bored. Double-spur type for boring a flat-bottom hole. Not stocked.

No. 191 ADJUSTABLE COUNTERSINK CUTTER. Beveled head bores countersink for flat-head wood screw. Setscrew holds countersink on drill and allows setting of boring depth.

No. 192 ADJUSTABLE COUNTERSINK CUTTER has extension-lip pattern for drilling flat-bottom holes. Setscrew holds counter in place on lead drill.

No. 195 ADJUSTABLE COUNTERSINK. Extension-lip pattern head bores smooth, flat-bottomed holes. Double-fluted twist. Has both setscrew or split-shank to hold counter in place.

No. 198 ADJUSTABLE COUNTERSINK. The two cutting edges beveled at 82° correspond to the taper on a flat-head screw. Lead drill is adjustable to various boring depth and secured by setscrew or split shank.

No. 199 ADJUSTABLE COUNTERSINK is particularly recommended to countersink for screw holes below the surface of the wood. Has milled double twist. Setscrew or split shank holds adjustable counter for boring to various depths.

GREENLEE COUNTERSINKING TOOLS



185

186

189

191

192

195

198

199

**TOOLS
FACTORS**

recesses
made by
engineering
these tools
company
either the
requests
company.

**GREENLEE BROS.
D, ILLINOIS**

MORTISES are made easily, smoothly, and economically with GREENLEE Hollow Chisels and Bits. A pioneer in the manufacture of Hollow Chisel Mortisers and Hollow Chisels and Bits, GREENLEE has a complete line of these tools.

Chisels and Bits for regular work, for work in hard woods, and Oblong Chisels for oblong mortises in soft wood, shown below, are examples taken from the GREENLEE line. Information on sizes, shank dimensions, etc., on the complete line of hollow chisels and bits will be sent on request.

No. 120-T SINGLE-TWIST HOLLOW CHISEL BIT. This bit is for the smaller sizes of chisels up to 3/8". The single-spiral twist will bring out the chips twice as fast as the conventional double-twist tools. This increases the speed of chip elevation when working with smaller sizes.

No. 120-B REGULAR HOLLOW CHISEL BIT. Recommended for use in soft woods and those easily mortised.

No. 120-H HARD-WEAR HOLLOW CHISEL BIT. Recommended for mortising in extremely hard wood. The broad-faced chisel type spurs actually remove the stock rather than severing and spreading the fibers.

No. 101-H HARD-WEAR HOLLOW CHISEL has two openings for chip clearance, eliminating clogging and burning. Recommended for difficult mortising and for work in extremely hard wood.

No. 101-B REGULAR HOLLOW CHISEL has single opening for chip clearance. Handles ordinary mortising in all woods as in the manufacture of sash, doors, and furniture.

No. 100-B OBLONG BAR HOLLOW CHISEL. Permits use of larger bit in making extremely oblong mortises in soft wood. Commonly used in sash and door work for muntin bars.

GREENLEE MORTISING TOOLS



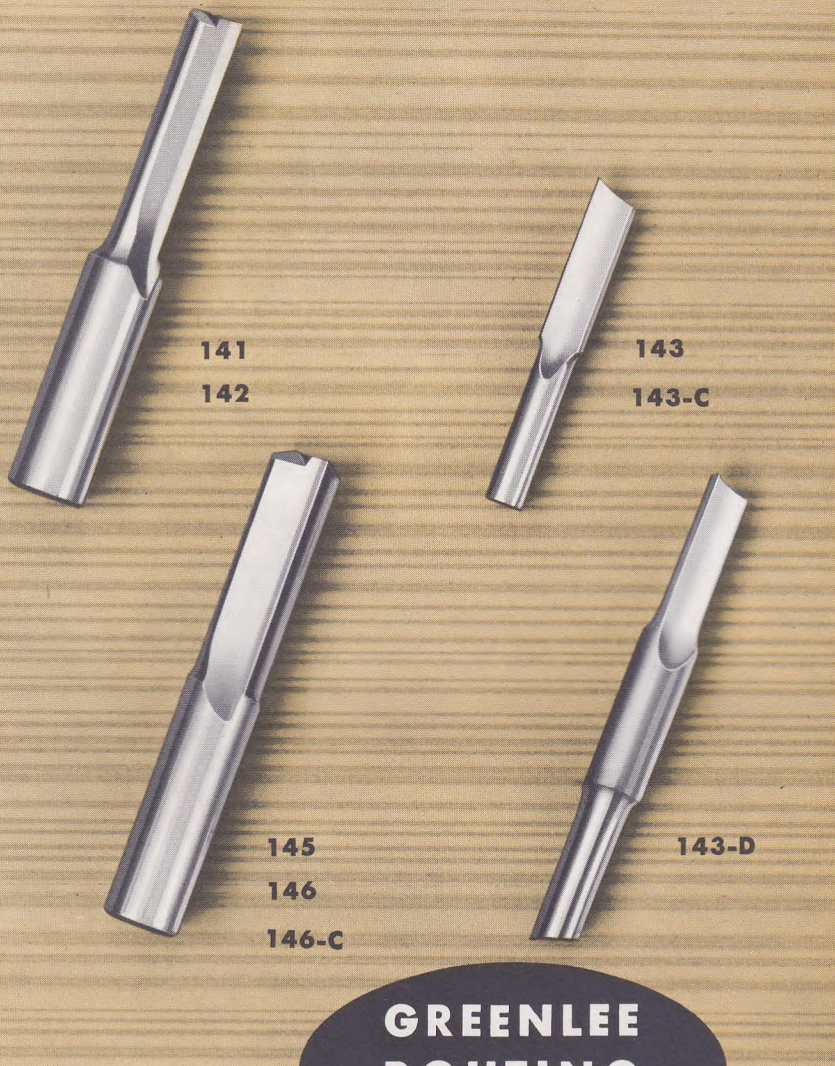
No. 142 RIGH
Designed with
ting end. Flute
ance are all ac
cutting by bot
to 5/8" by sixt
by eighths.

No. 141 same
hand. Stock s
teenths and 3/

No. 146 RIGH
Same design as
of high-speed
for longer serv
5/8" by sixteen

No. 145 same
hand. Not sto

GRE



GREENLEE ROUTING TOOLS

No. 142 RIGHT-HAND ROUTING BIT. Designed with two flutes and square cutting end. Flutes, shank, and back clearance are all accurately ground to insure cutting by both edges. Stock sizes, 3/16 to 5/8" by sixteenths plus 3/4 to 1-1/4" by eighths.

No. 141 same as No. 142 except left-hand. Stock sizes, 3/16 to 5/8" by sixteenths and 3/4, 7/8, and 1".

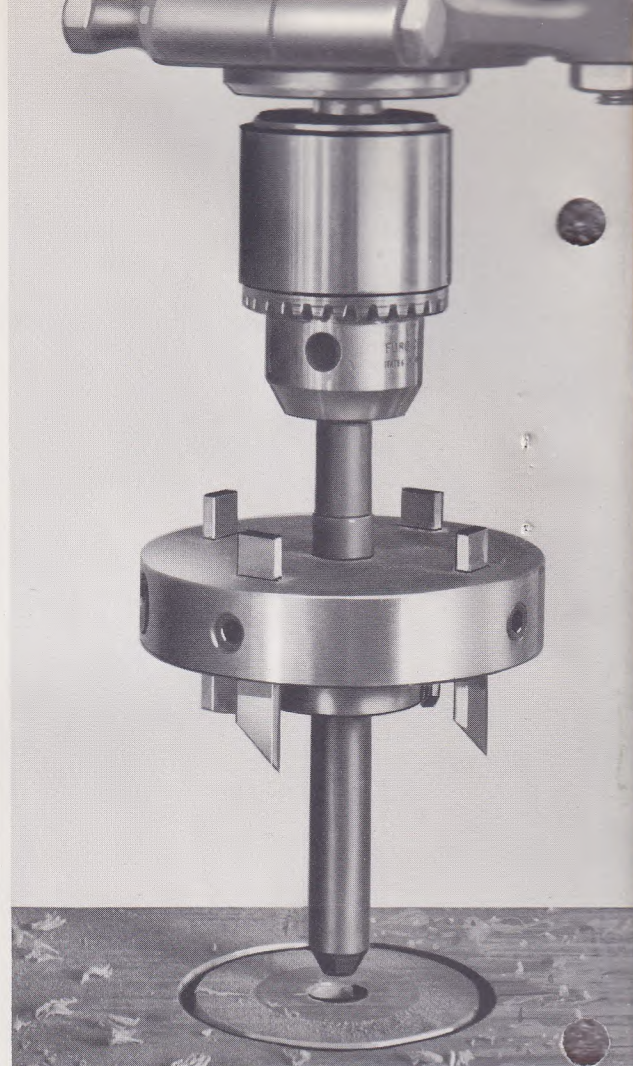
No. 146 RIGHT-HAND ROUTING BIT. Same design as the No. 142 except made of *high-speed steel* with higher hardness for longer service. Stock sizes, 3/16 to 5/8" by sixteenths plus 3/4, 7/8, and 1".

No. 145 same as No. 146 except left-hand. Not stocked.

No. 143 SINGLE-FLUTE ROUTER. A right-hand bit made of *high-speed steel*. Properly heat-treated to retain a sharp cutting edge. Stock sizes, 1/8 to 1/4" by thirty-seconds plus 5/16 and 3/8".

No. 143-D DOUBLE-END ROUTER. Same design and material as No. 143 except with one cutter at each end of 1" long center shank. Stock sizes, 1/8 to 1/4" by thirty-seconds plus 5/16 and 3/8".

Nos. 146-C and 143-C CARBIDE ROUTER BITS. Similar in design to Nos. 146 and 143, they have *high-speed steel* bodies and high-quality *carbide* inserts. Stock sizes: No. 143-C, 3/16 and 1/4"; No. 146-C, 5/16, 3/8, 1/2, 5/8, and 3/4" with a variety of cutting edge lengths.



TECO GROOVING TOOLS FOR TIMBER CONNECTORS

Tools for cutting grooves and recesses for timber connectors are made by GREENLEE for the Timber Engineering Company, Washington, D.C. *These tools are stocked and sold only by that company* . . . for complete information on either the grooving tools or connectors, all requests should be addressed to that company.

GREENLEE TOOL CO.



DIVISION OF GREENLEE BROS.
& CO., ROCKFORD, ILLINOIS



NET USER PRICE SHEET

No. M36-A

EFFECTIVE
APRIL 9, 1964

SUPERSEDES
M36
DATED JANUARY 20, 1959

APPLIES TO CATALOG 36M — MORTISING, BORING, AND ROUTING TOOLS FOR MACHINE USE

SHIPPING TERMS: All tools covered by this price sheet are subject to full freight allowance on orders totaling \$200.00 net or more for shipments in the United States and Canada.

Any "BACK ORDERS" from an order qualifying for freight allowance (\$200.00 net or more) will be shipped on availability at our expense.

All orders are processed on an individual basis. We will attempt to comply with "ADD TO" or "SHIP WITH OTHER GOODS" requests, but we can not guarantee this service.

MINIMUM INVOICE CHARGE: This charge is \$10.00.

CREDIT TERMS: A 2% cash discount is allowed for payment on the 10th of the month following date of Invoice.

PRICES: All prices are subject to change without notice. We reserve the right to invoice at prices prevailing at time of shipment. All orders subject to acceptance at factory.

GREENLEE TOOL CO., ROCKFORD, ILLINOIS, U.S.A.

DIVISION OF GREENLEE BROS. & CO.

Teletype Area Code 815 — 398-0698

Phone Area Code 815 — 963-4881

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
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HOLLOW CHISELS

No. 100-B OBLONG BAR HOLLOW CHISELS

4" Blade Page 3 — Catalog 36M			
500 0724.6	3/8" x 9/16"	\$11.45	.25
500 0725.4	3/8" x 5/8"	11.45	.25
500 0726.2	3/8" x 3/4"	14.30	.3
500 0727.0	3/8" x 13/16"	14.30	.3

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
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No. 101-B REGULAR HOLLOW CHISELS

4" Blade Page 1 — Catalog 36M			
500 0729.7	1/4"	\$ 7.20	.2
500 0730.0	5/16"	7.20	.2
500 0731.9	3/8"	6.10	.2
500 0732.7	7/16"	6.60	.2
500 0733.5	1/2"	7.15	.25
500 0734.3	9/16"	9.40	.25
500 0735.1	5/8"	9.90	.3
500 6661.7	11/16"	11.40	.37
500 0737.8	3/4"	11.40	.6
500 0738.6	13/16"	12.85	.6
500 0739.4	7/8"	13.40	.69
500 0740.8	1"	14.75	.8

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
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No. 101-B OBLONG HOLLOW CHISELS

4" Blade Page 3 — Catalog 36M			
500 0741.6	5/16" x 3/8"	\$ 8.00	.25
500 0742.4	3/8" x 7/16"	8.00	.25
500 0743.2	3/8" x 1/2"	8.30	.25
500 0745.9	3/8" x 9/16"	8.70	.25
500 0744.0	7/16" x 1/2"	9.00	.25
500 0746.7	1/2" x 5/8"	9.65	.25
500 0747.5	1/2" x 3/4"	10.35	.37

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
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No. 101-C CRESCENT MACHINE HOLLOW CHISELS

4" Blade 7/8" Socket Page 1 — Catalog 36M			
500 0748.3	5/8"	\$ 9.90	.37
500 0749.1	3/4"	11.40	.37

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
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No. 101-H HARD-WEAR HOLLOW CHISELS

4" Blade Page 1 — Catalog 36M			
500 0750.5	3/8"	\$ 6.25	.2
500 0751.3	7/16"	6.75	.2
500 0752.1	1/2"	7.30	.25
500 6662.5	9/16"	9.55	.25
500 0754.8	5/8"	10.05	.3
500 0755.6	3/4"	11.60	.56
500 0756.4	7/8"	13.60	.6

No. 101-M THREADED SHANK HOLLOW CHISELS

4" Blade Page 1 — Catalog 36M			
500 0728.9	3/4"	\$11.80	.56

No. 102-B REGULAR HOLLOW CHISELS

2 3/4" Blade Page 2 — Catalog 36M			
500 0762.9	1/4"	\$ 5.15	.2
500 0763.7	5/16"	5.15	.2
500 0764.5	3/8"	5.15	.2

No. 102-H HARD-WEAR HOLLOW CHISELS

2 3/4" Blade Page 2 — Catalog 36M			
500 0765.3	1/4"	\$ 5.30	.2
500 0766.1	5/16"	5.30	.2
500 6663.3	3/8"	5.30	.2

No. 103-B REGULAR HOLLOW CHISELS

5" Blade Page 2 — Catalog 36M			
500 0772.6	3/8"	\$ 8.45	.2
500 0773.4	7/16"	8.95	.25
500 0774.2	1/2"	9.45	.25
500 0775.0	9/16"	12.20	.3
500 0776.9	5/8"	12.75	.37
500 0777.7	3/4"	14.25	.6
500 0778.5	7/8"	16.50	1.12
500 0779.3	1"	17.25	1.12
500 0780.7	1-1/8"	18.60	1.12
500 0781.5	1-1/4"	19.85	1.25

No. 103-H HARD-WEAR HOLLOW CHISELS

5" Blade Page 2 — Catalog 36M			
500 0782.3	3/8"	\$ 8.60	.2
500 0783.1	7/16"	9.10	.25
500 6666.8	1/2"	9.60	.25
500 0785.8	5/8"	12.90	.37
500 0786.6	3/4"	14.45	.69
500 0787.4	7/8"	16.75	1.06
500 0788.2	1"	17.50	1.12

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 104-B REGULAR HOLLOW CHISELS			
6 1/2" Blade Page 4 — Catalog 36M			
500 0790.4	3/8"	\$15.50	1.
500 0791.2	7/16"	16.40	1.
500 0792.0	1/2"	17.15	1.06
500 0793.9	9/16"	18.85	1.12
500 0794.7	5/8"	19.75	.9
500 0795.5	3/4"	21.50	.9
500 0796.3	7/8"	23.50	1.3
500 0797.1	1"	25.30	1.3
500 6667.6	1-1/8"	27.80	1.4
500 0799.8	1-1/4"	30.00	2.12
500 0800.5	1-1/2"	35.50	2.25
500 0801.3	1-3/4"	41.80	3.6
500 0802.1	2"	49.25	3.5

No. 105-B REGULAR HOLLOW CHISELS			
8" Blade Page 4 — Catalog 36M			
500 6668.4	3/4"	\$23.15	.5
500 0804.8	7/8"	25.30	.8
500 0805.6	1"	27.50	.9
500 0806.4	1-1/8"	30.25	1.
500 0807.2	1-1/4"	32.75	1.06
500 0808.0	1-1/2"	39.00	1.4
500 0809.9	1-3/4"	46.00	1.6
500 0811.0	2"	54.00	2.

No. 111 DOUBLE-ANGLE CUTTERS	
Price on Application	Page 5 — Catalog 36M

No. 720 HOLLOW CHISEL SHARPENING MACHINE	
Price on Application	Page 5 — Catalog 36M

No. 114 W & M THREADED CHISEL BUSHINGS			
Threaded Diameter 1-3/16"			
For Chisels 3/4" and Smaller			
Control No.	Bushing Bore	Net User Price Ea.	Wt. Lbs. Per Doz.
500 0815.3	5/8"	\$ 7.00	.75
500 0816.1	3/4"	7.00	.6
500 6669.2	7/8"	7.00	.5

Nos. 115-116-117 BIT AND CHISEL BUSHINGS	
Price on Application	Page 5 — Catalog 36M

HOLLOW CHISEL BITS				
Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 120-B REGULAR HOLLOW CHISEL BITS				
Pages 1 and 3 — Catalog 36M				
500 0821.8	1/4"	3/16"	\$2.35	.06
500 0822.6	5/16"	1/4"	2.35	.12
500 0823.4	3/8"	19/64"	2.50	.12
500 0824.2*	7/16"	19/64"	2.65	.12
500 6671.4	7/16"	19/64"	2.65	.12
500 0825.0	1/2"	19/64"	2.85	.18
500 0826.9	9/16"	19/64"	3.40	.18
500 0836.6	5/8"	19/64"	3.70	.3
500 0827.7	5/8"	1/2"	3.70	.3
500 0838.2	11/16"	19/64"	4.30	.3
500 0828.5	11/16"	1/2"	4.30	.3
500 0839.0	3/4"	19/64"	4.45	.3
500 0829.3	3/4"	1/2"	4.45	.3
500 0830.7	13/16"	1/2"	5.15	.37
500 0831.5	7/8"	1/2"	5.65	.43
500 0832.3	1"	1/2"	6.55	.56

* Has 5/16" twist diameter — can be used with 3/8" x 1/2" and 3/8" x 9/16" No. 101-B Oblong Hollow Chisel.

No. 120-H HARD-WEAR HOLLOW CHISEL BITS				
Pages 1 and 3 — Catalog 36M				
500 0841.2	1/4"	3/16"	\$2.80	.06
500 0842.0	5/16"	1/4"	2.80	.12
500 0843.9	3/8"	19/64"	2.95	.12
500 0844.7	7/16"	19/64"	3.15	.12
500 0845.5	1/2"	19/64"	3.25	.2
500 0846.3	9/16"	19/64"	3.80	.2
500 0847.1	5/8"	1/2"	4.20	.3
500 6672.2	3/4"	1/2"	5.00	.3
500 0849.8	7/8"	1/2"	6.20	.4

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 120-T SINGLE-TWIST HOLLOW CHISEL BITS				
Pages 1 and 3 — Catalog 36M				
500 6673.0	1/4"	3/16"	\$2.80	.06
500 0853.6	5/16"	1/4"	2.80	.12
500 0854.4	3/8"	19/64"	2.95	.12

No. 121-B REGULAR HOLLOW CHISEL BITS				
Page 2 — Catalog 36M				
500 0867.6	1/4"	3/16"	\$2.35	.06
500 0868.4	5/16"	1/4"	2.35	.12
500 0869.2	3/8"	19/64"	2.50	.12

No. 121-H HARD-WEAR HOLLOW CHISEL BITS				
Page 2 — Catalog 36M				
500 0870.6	1/4"	3/16"	\$2.80	.06
500 0871.4	5/16"	1/4"	2.80	.1
500 0872.2	3/8"	19/64"	2.95	.1

No. 121-T SINGLE-TWIST HOLLOW CHISEL BITS				
Page 2 — Catalog 36M				
500 0873.0	1/4"	3/16"	\$2.80	.06
500 0876.5	5/16"	1/4"	2.80	.12
500 0878.1	3/8"	19/64"	2.95	.12

No. 122-B REGULAR HOLLOW CHISEL BITS				
Page 2 — Catalog 36M				
500 0891.9	3/8"	19/64"	\$3.15	.12
500 0892.7	7/16"	19/64"	3.35	.2
500 0893.5	1/2"	19/64"	3.45	.2
500 0894.3	9/16"	19/64"	3.65	.2
500 0895.1	5/8"	19/64"	4.10	.3
500 0903.6	5/8"	1/2"	4.10	.3
500 0897.8	3/4"	19/64"	4.75	.37
500 0904.4	3/4"	1/2"	4.75	.37
500 0899.4	7/8"	1/2"	6.15	.43
500 0900.1	1"	1/2"	6.95	.5
500 6678.1	1-1/8"	1/2"	7.50	.6
500 0902.8	1-1/4"	1/2"	8.20	.7

No. 122-H HARD-WEAR HOLLOW CHISEL BITS				
Page 2 — Catalog 36M				
500 0905.2	3/8"	19/64"	\$3.50	.12
500 0906.0	7/16"	19/64"	3.75	.2
500 0907.9	1/2"	19/64"	3.85	.2
500 0908.7	5/8"	1/2"	4.40	.3
500 0909.5	3/4"	1/2"	5.20	.37
500 0910.9	7/8"	1/2"	6.45	.4
500 0913.3	1"	1/2"	7.25	.5

No. 123-B REGULAR HOLLOW CHISEL BITS				
Page 4 — Catalog 36M				
500 0914.1	3/8"	19/64"	\$4.50	.2
500 6680.3	7/16"	19/64"	4.70	.2
500 0916.8	1/2"	19/64"	4.80	.2
500 0917.6	9/16"	19/64"	5.10	.25
500 0919.2	5/8"	1/2"	5.40	.37
500 0920.6	3/4"	1/2"	6.25	.43
500 0922.2	7/8"	5/8"	7.90	.6
500 0924.9	1"	5/8"	9.00	.75
500 0925.7	1-1/8"	5/8"	9.80	.8
500 0927.3	1-1/4"	5/8"	10.85	.87
500 0928.1	1-1/2"	5/8"	12.80	1.12
500 6681.1	1-3/4"	5/8"	15.40	1.3
500 0930.3	2"	5/8"	17.50	1.6

No. 124-B REGULAR HOLLOW CHISEL BITS				
Page 4 — Catalog 36M				
500 0931.1	3/8"	19/64"	\$5.20	.2
500 6683.8	7/16"	19/64"	5.60	.25
500 0933.8	1/2"	19/64"	5.70	.25
500 0934.6	9/16"	19/64"	6.00	.37
500 0935.4	5/8"	1/2"	6.30	.5
500 0936.2	3/4"	1/2"	7.60	.56
500 0937.0	7/8"	5/8"	9.20	.8
500 0938.9	1"	5/8"	10.60	.9
500 0939.7	1-1/8"	5/8"	11.50	1.
500 0940.0	1-1/4"	5/8"	12.15	1.06
500 0941.9	1-1/2"	5/8"	13.90	1.4
500 0942.7	1-3/4"	5/8"	16.70	1.6
500 0943.5	2"	5/8"	18.70	2.

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 125-B REGULAR HOLLOW CHISEL BITS				
Page 4 — Catalog 36M				
500 0952.4	3/4"	1/2"	\$7.80	.56
500 0953.2	7/8"	5/8"	9.55	.8
500 0954.0	1"	5/8"	11.40	.9
500 0955.9	1-1/8"	5/8"	12.25	1.
500 0956.7	1-1/4"	5/8"	13.10	1.06
500 0957.5	1-1/2"	5/8"	15.30	1.4
500 0958.3	1-3/4"	5/8"	18.00	1.6
500 0959.1	2"	5/8"	22.00	2.

MACHINE BORING AND ROUTING TOOLS

Catalog No.	Description	Net Used Price Ea.	Wt. Lbs. Per Doz.
No. 6M MACHINE EXPANSIVE BITS			
Page 7 — Catalog 36M			
500 0029.2	6-M Complete, 7/8" to 3"	\$7.20	.6
500 0034.9	6-MC Cutter, 2-1/2" to 4"	1.80	.06

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 138-A PLUG CUTTER ADAPTOR			
Page 12 — Catalog 36M			
500 0968.0	138-A Plug Cutter Adapter Only	\$15.30	.6

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 138-B PLUG CUTTERS			
Page 12 — Catalog 36M			
500 0969.9	1-1/8"	\$16.95	.3
500 0970.2	1-1/4"	17.25	.37
500 0971.0	1-3/8"	18.75	.37
500 0972.9	1-1/2"	20.40	.4
500 0973.7	1-5/8"	23.80	.4
500 0974.5	1-3/4"	27.20	.4
500 0975.3	1-7/8"	30.60	.6
500 0976.1	2"	34.00	.6

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 140 SPIRAL PLUG CUTTERS			
Page 12 — Catalog 36M			
500 6686.2	3/8"	\$5.60	.2
500 0979.6	7/16"	5.60	.2
500 6687.0	1/2"	5.60	.25
500 0982.6	5/8"	6.55	.25
500 0984.2	3/4"	7.25	.25
500 0986.9	7/8"	8.10	.3
500 0988.5	1"	8.90	.3

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 141 ROUTING BITS — Alloy Steel, Left-Hand				
Page 6 — Catalog 36M				
500 0989.3	3/16"	1/2"	\$2.55	.12
500 0990.7	1/4"	1/2"	2.30	.12
500 0991.5	5/16"	1/2"	2.30	.12
500 0992.3	3/8"	1/2"	2.30	.12
500 0993.1	7/16"	1/2"	2.30	.12
500 6688.9	1/2"	1/2"	2.30	.12
500 0995.8	9/16"	1/2"	3.30	.2
500 0996.6	5/8"	1/2"	3.70	.2
500 0997.4	3/4"	1/2"	4.55	.2
500 0998.2	7/8"	1/2"	5.20	.25
500 0999.0	1"	1/2"	6.10	.25

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 142 DOUBLE-FLUTE ROUTING BITS				
Alloy Steel, Right-Hand Page 6 — Catalog 36M				
500 1008.5	3/16"	1/2"	\$2.50	.12
500 1009.3	1/4"	1/2"	2.25	.12
500 1010.7	5/16"	1/2"	2.25	.12
500 1011.5	3/8"	1/2"	2.25	.12
500 1012.3	7/16"	1/2"	2.25	.12
500 1013.1	1/2"	1/2"	2.25	.12
500 6690.0	9/16"	1/2"	3.15	.2
500 1015.8	5/8"	1/2"	3.60	.2
500 1016.6	3/4"	1/2"	4.35	.2
500 1017.4	7/8"	1/2"	5.10	.25
500 1018.2	1"	1/2"	5.90	.25
500 1019.0	1-1/8"	1/2"	6.60	.25
500 1020.4	1-1/4"	1/2"	7.50	.3

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 143 SINGLE-FLUTE ROUTER BITS — High-Speed Steel				
Page 6 — Catalog 36M				
500 1035.2	1/8"	1/4"	\$1.30	.06
500 1038.7	5/32"	1/4"	1.30	.06
500 1036.0	3/16"	1/4"	1.30	.06
500 1041.7	7/32"	1/4"	1.30	.06
500 1037.9	1/4"	1/4"	1.30	.06
500 6301.4	5/16"	1/4"	1.50	.06
500 1039.5	5/16"	5/16"	1.50	.06
500 1040.9	3/8"	1/4"	1.85	.06
500 1044.1	3/8"	3/8"	1.85	.06

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 143-C SINGLE-FLUTE CARBIDE ROUTER BITS				
Right-Hand Page 6 — Catalog 36M				
500 1046.8	3/16"	1/4"	\$8.35	.06
500 1047.6	1/4"	1/4"	8.35	.06

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 143-D DOUBLE-END ROUTER BITS — High-Speed Steel				
Right-Hand Page 6 — Catalog 36M				
500 1049.2	1/8"	1/4"	\$2.10	.06
500 1052.2	5/32"	1/4"	2.10	.06
500 1050.6	3/16"	1/4"	2.10	.06
500 1055.7	7/32"	1/4"	2.10	.06
500 1051.4	1/4"	1/4"	2.10	.06
500 1053.0	5/16"	3/8"	2.60	.06
500 1054.9	3/8"	3/8"	2.80	.06

Control No.	Size	Shank Diameter	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 146 DOUBLE-FLUTE ROUTING BITS — High-Speed Steel				
Right-Hand Page 6 — Catalog 36M				
500 1058.1	3/16"	1/2"	\$3.60	.12
500 6694.3	1/4"	1/2"	3.25	.12
500 1060.3	5/16"	1/2"	3.25	.12
500 1061.1	3/8"	1/2"	3.25	.12
500 6695.1	7/16"	1/2"	3.25	.12
500 1063.8	1/2"	1/2"	3.25	.12
500 1064.6	9/16"	1/2"	4.75	.2
500 1065.4	5/8"	1/2"	5.50	.2
500 1067.0	3/4"	1/2"	7.10	.2
500 1068.9	7/8"	1/2"	8.65	.25
500 1069.7	1"	1/2"	10.20	.25

Control No.	Catalog No.	Size	Shank	Cutting Edge	Net User Price Ea.	Wt. Lbs. Per Doz.
DOUBLE-FLUTE CARBIDE ROUTING BITS — Right-Hand						
Page 6 — Catalog 36M						
500 1077.8	146-C4	5/16"	1/4" x 1"	1"	\$12.40	.06
500 1079.4	146-C	5/16"	1/2" x 1-1/2"	1"	11.90	.12
500 1078.6	146-C4	3/8"	1/4" x 1"	1"	12.40	.06
500 1080.8	146-C	3/8"	1/2" x 1-1/2"	1"	11.90	.06
500 1090.5	146-CL6	3/8"	1/2" x 1-1/4"	1-1/4"	14.55	.12
500 1072.7	146-C	1/2"	1/2" x 1-1/2"	1-1/4"	12.70	.12
500 1087.5	146-CL	1/2"	1/2" x 1-1/2"	1-1/2"	13.50	.2
500 1089.1	146-CD8	1/2"	1/2" x 2-1/4"	2"	17.00	.2
500 1074.3	146-C	5/8"	1/2" x 1-1/2"	1-1/4"	14.50	.2
500 6697.8	146-C	3/4"	1/2" x 1-1/2"	1-1/4"	15.45	.2

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 149 MULTI-SPUR® MACHINE BITS			
1/2" Shank, *3/4 Shank Page 7 — Catalog 36M			
500 1092.1	1/2"	\$4.30	.25
500 6698.6	9/16"	4.30	.25
500 1094.8	5/8"	4.30	.25
500 1095.6	11/16"	3.60	.25
500 1096.4	3/4"	3.60	.3
500 1097.2	13/16"	3.60	.3
500 1098.0	7/8"	3.60	.3
500 1099.9	15/16"	3.65	.3
500 1100.6	1"	3.65	.3
500 1101.4	1-1/16"	3.70	.3
500 1102.2	1-1/8"	3.70	.37
500 1103.0	1-3/16"	3.85	.37
500 1104.9	1-1/4"	4.00	.37
500 1105.7	1-5/16"	4.25	.37
500 1106.5	1-3/8"	4.40	.37
500 1107.3	1-7/16"	4.95	.37
500 1108.1	1-1/2"	5.55	.4
500 6699.4	1-9/16"	5.75	.4
500 1110.3	1-5/8"	5.85	.4

(Continued on Next Page)

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 149 MULTI-SPUR® MACHINE BITS (Continued)			
500 1111.1	1-11/16"	6.05	.4
500 6700.1	1-3/4"	6.25	.4
500 1113.8	1-13/16"	6.45	.5
500 1114.6	1-7/8"	6.60	.5
500 1115.4	1-15/16"	6.90	.5
500 1116.2	2"	7.20	.5
500 1117.0	2-1/8"	8.10	.8
500 1118.9	2-1/4"	9.70	.8
500 1119.7	2-3/8"	11.30	.8
500 1120.0	2-1/2"	12.60	.87
500 1121.9	2-5/8"	14.20	.9
500 1122.7	2-3/4"	15.75	.9
500 1123.5	2-7/8"	17.35	1.
500 1124.3	3"	18.90	1.
500 6702.8	3-1/4"	36.40	1.6
500 1130.8*	3-1/4"	36.40	1.6
500 1127.8	3-1/2"	39.20	1.75
500 1131.6*	3-1/2"	39.20	1.75
500 1128.6	3-3/4"	42.00	1.9
500 1132.4*	3-3/4"	42.00	1.9
500 1129.4	4"	44.80	1.9
500 1133.2*	4"	44.80	1.9
* 3/4" Shank			

No. 150 DOUBLE-SPUR MACHINE BITS
4" Twist, 1/2" Shank Page 8 — Catalog 36M

500 1169.3	1/4"	\$3.05	.12
500 1170.7	5/16"	3.05	.2
500 1171.5	3/8"	3.05	.2
500 1172.3	7/16"	3.10	.25
500 1173.1	1/2"	3.20	.25
500 6706.0	9/16"	3.25	.25
500 1175.8	5/8"	3.35	.25
500 1176.6	11/16"	3.40	.25
500 1177.4	3/4"	3.50	.3
500 1178.2	13/16"	3.65	.3
500 1179.0	7/8"	3.85	.3
500 1180.4	15/16"	4.00	.3
500 1181.2	1"	4.30	.37
500 1182.0	1-1/16"	4.50	.4
500 1183.9	1-1/8"	4.80	.4
500 1184.7	1-3/16"	5.10	.5
500 1185.5	1-1/4"	5.25	.5
500 1186.3	1-5/16"	5.50	.5
500 1187.1	1-3/8"	5.80	.56
500 6707.9	1-7/16"	6.10	.56
500 1189.8	1-1/2"	6.35	.6

6" Twist, 1/2" Shank

500 1190.1	1/4"	\$3.15	.2
500 6708.7	5/16"	3.15	.2
500 1192.8	3/8"	3.15	.2
500 1193.6	7/16"	3.20	.25
500 1194.4	1/2"	3.30	.25
500 1195.2	9/16"	3.40	.3
500 1196.0	5/8"	3.45	.3
500 1197.9	11/16"	3.50	.3
500 1198.7	3/4"	3.60	.37
500 1199.5	13/16"	3.75	.37
500 1200.2	7/8"	3.95	.4
500 1201.0	15/16"	4.20	.4
500 1202.9	1"	4.45	.5
500 1203.7	1-1/16"	4.75	.56
500 1204.5	1-1/8"	5.00	.6
500 1205.3	1-3/16"	5.30	.7
500 1206.1	1-1/4"	5.50	.7
500 6709.5	1-5/16"	5.80	.75
500 1208.8	1-3/8"	6.10	.75
500 1209.6	1-7/16"	6.35	.75
500 6710.9	1-1/2"	6.60	.8
500 1211.8	1-9/16"	6.90	.87
500 1212.6	1-5/8"	7.25	.87
500 1213.4	1-11/16"	7.60	1.06
500 1214.2	1-3/4"	7.95	1.06
500 1215.0	1-13/16"	8.30	1.06
500 1216.9	1-7/8"	8.60	1.06
500 1217.7	1-15/16"	8.90	1.12
500 1218.5	2"	9.30	1.2

12" Twist, 1/2" Shank

500 1220.7	3/8"	\$4.85	.3
500 1222.3	7/16"	4.95	.3
500 6711.7	1/2"	5.10	.37
500 1226.6	9/16"	5.20	.37
500 1228.2	5/8"	5.30	.5

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
500 1230.4	11/16"	5.40	.5
500 1232.0	3/4"	5.60	.6
500 1234.7	13/16"	5.80	.7
500 1236.3	7/8"	6.10	.75
500 6712.5	15/16"	6.40	.87
500 1240.1	1"	6.85	.9
500 1242.8	1-1/16"	7.25	1.
500 1244.4	1-1/8"	7.65	1.06
500 1247.9	1-3/16"	8.05	1.12
500 1249.5	1-1/4"	8.45	1.25
500 1251.7	1-3/8"	9.30	1.3
500 1253.3	1-1/2"	10.00	1.6
500 6714.1	1-3/4"	12.00	2.06
500 1258.4	2"	14.00	2.25
12" Twist, 3/4" Shank			
500 1221.5	3/8"	\$5.05	.4
500 1223.1	7/16"	5.15	.5
500 1225.8	1/2"	5.30	.56
500 1227.4	9/16"	5.40	.6
500 1229.0	5/8"	5.50	.6
500 1231.2	11/16"	5.65	.75
500 1233.9	3/4"	5.85	.8
500 1235.5	13/16"	6.05	.8
500 1237.1	7/8"	6.30	1.
500 1239.8	15/16"	6.70	1.
500 6713.3	1"	7.10	1.12
500 1243.6	1-1/16"	7.55	1.12
500 1246.0	1-1/8"	7.95	1.2
500 1248.7	1-3/16"	8.40	1.2
500 1250.9	1-1/4"	8.80	1.3
500 1252.5	1-3/8"	9.65	1.7
500 1254.1	1-1/2"	10.40	2.
500 1257.6	1-3/4"	12.50	2.2
500 1259.2	2"	14.65	2.56
14" Twist, 3/4" Shank			
500 1261.4	3/8"	\$6.50	.5
500 1262.2	7/16"	6.60	.5
500 1263.0	1/2"	6.70	.56
500 1264.9	9/16"	6.80	.6
500 1265.7	5/8"	6.90	.7
500 1266.5	11/16"	7.00	.75
500 1267.3	3/4"	7.15	.8
500 1268.1	13/16"	7.50	.9
500 6716.8	7/8"	8.05	1.
500 1270.3	15/16"	8.60	1.
500 1271.1	1"	9.15	1.
500 6717.6	1-1/16"	9.70	1.25
500 1273.8	1-1/8"	10.20	1.37
500 1274.6	1-3/16"	10.70	1.5
500 1275.4	1-1/4"	11.20	1.6
500 1276.2	1-3/8"	12.25	1.8
500 1277.0	1-1/2"	13.35	1.9
500 1278.9	1-3/4"	16.00	2.5
500 1279.7	2"	18.70	2.9

No. 150 DOUBLE-SPUR MACHINE BITS — Brad Point
Price On Application Page 8 — Catalog 36M

No. 153 FLAT-CUT MACHINE BITS
Price On Application Page 8 — Catalog 36M

No. 151 EXTENSION-LIP MACHINE BITS
4" Twist, 1/2" Shank Page 8 — Catalog 36M

500 1280.0	1/4"	\$2.80	.12
500 1281.9	5/16"	2.80	.2
500 1283.5	3/8"	2.80	.2
500 1284.3	7/16"	2.85	.25
500 1285.1	1/2"	2.90	.25
500 1287.8	9/16"	3.00	.25
500 1288.6	5/8"	3.10	.25
500 1290.8	11/16"	3.15	.25
500 1291.6	3/4"	3.25	.3
500 1293.2	13/16"	3.40	.3
500 1294.0	7/8"	3.65	.3
500 1296.7	15/16"	3.90	.3
500 1298.3	1"	4.15	.37

6" Twist, 1/2" Shank

500 1299.1	1/4"	\$2.90	.2
500 1300.9	5/16"	2.90	.2
500 1301.7	3/8"	2.90	.2
500 1302.5	7/16"	2.95	.25
500 1303.3	1/2"	3.00	.25

(Continued on Next Page)

Control No.	Size	Price Ea. Net User	Per Doz. Wt. Lbs.
500 6719.2	9/16"	3.10	.3
500 1306.8	5/8"	3.15	.3
500 1307.6	11/16"	3.20	.3
500 1308.4	3/4"	3.30	.37
500 1309.2	13/16"	3.50	.37
500 1310.6	7/8"	3.75	.4
500 1311.4	15/16"	4.00	.4
500 1312.2	1"	4.25	.5

No. 155 SOLID-CENTER MACHINE BITS

4" Twist, 1/2" Shank Page 8 — Catalog 36M

500 6721.4	1/4"	\$2.35	.12
500 1323.8	5/16"	2.35	.2
500 1324.6	3/8"	2.35	.2
500 1325.4	7/16"	2.40	.25
500 1326.2	1/2"	2.45	.25
500 1327.0	9/16"	2.50	.25
500 1328.9	5/8"	2.55	.25
500 1329.7	11/16"	2.60	.25
500 1330.0	3/4"	2.65	.3
500 1331.9	13/16"	2.75	.3
500 1332.7	7/8"	2.95	.3
500 1333.5	15/16"	3.15	.3
500 1334.3	1"	3.40	.37
500 1335.1	1-1/16"	3.55	.4
500 6722.2	1-1/8"	3.75	.4
500 1337.8	1-3/16"	3.95	.5
500 1338.6	1-1/4"	4.20	.5

6" Twist, 1/2" Shank

500 1339.4	1/4"	\$2.50	.2
500 1340.8	5/16"	2.50	.2
500 1341.6	3/8"	2.50	.2
500 1342.4	7/16"	2.55	.25
500 1343.2	1/2"	2.60	.25
500 1344.0	9/16"	2.65	.3
500 1345.9	5/8"	2.70	.3
500 1346.7	11/16"	2.75	.3
500 1347.5	3/4"	2.80	.37
500 1349.1	13/16"	2.90	.37
500 1350.5	7/8"	3.10	.4
500 1351.3	15/16"	3.35	.4
500 1352.1	1"	3.50	.5
500 6723.0	1-1/16"	3.75	.56
500 1354.8	1-1/8"	3.95	.6
500 1355.6	1-3/16"	4.20	.7
500 1356.4	1-1/4"	4.35	.7

8" Twist, 1/2" Shank

500 1358.0	1/4"	\$2.85	.2
500 1359.9	5/16"	2.85	.25
500 1360.2	3/8"	2.85	.25
500 1361.0	7/16"	2.90	.3
500 1362.9	1/2"	2.95	.3
500 1363.7	9/16"	3.00	.37
500 1364.5	5/8"	3.05	.37
500 1365.3	11/16"	3.10	.43
500 1366.1	3/4"	3.15	.43
500 6724.9	13/16"	3.40	.56
500 1368.8	7/8"	3.55	.56
500 1369.6	15/16"	3.75	.6
500 6725.7	1"	4.00	.6
500 1371.8	1-1/16"	4.25	.8
500 1372.6	1-1/8"	4.50	.8
500 1373.4	1-3/16"	4.75	.9
500 1374.2	1-1/4"	5.00	1.

10" Twist, 1/2" Shank

500 1375.0	5/16"	\$3.35	.25
500 1376.9	3/8"	3.35	.25
500 1377.7	7/16"	3.40	.3
500 1378.5	1/2"	3.45	.37
500 1379.3	9/16"	3.50	.37
500 1380.7	5/8"	3.55	.4
500 1381.5	11/16"	3.60	.5
500 1382.3	3/4"	3.65	.56
500 1383.1	13/16"	3.85	.6
500 6726.5	7/8"	4.15	.6
500 1385.8	15/16"	4.40	.75
500 1386.6	1"	4.70	.75
500 1387.4	1-1/16"	4.95	.9
500 1388.2	1-1/8"	5.25	1.

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
12" Twist, 1/2" Shank			
500 1389.0	3/8"	\$3.75	.3
500 1390.4	7/16"	3.80	.3
500 1391.2	1/2"	3.90	.37
500 1392.0	9/16"	4.00	.37
500 1393.9	5/8"	4.05	.5
500 1394.7	11/16"	4.15	.5
500 1395.5	3/4"	4.25	.6
500 1396.3	13/16"	4.40	.7
500 1397.1	7/8"	4.70	.75
500 6727.3	15/16"	5.10	.87
500 1399.8	1"	5.35	.9
500 1400.5	1-1/16"	5.65	1.
500 1401.3	1-1/8"	6.00	1.06
500 1402.1	1-3/16"	6.35	1.12
500 6728.1	1-1/4"	6.60	1.25
14" Twist, 1/2" Shank			
500 1404.8	9/16"	\$4.25	.5
500 1405.6	11/16"	4.50	.7
500 1406.4	13/16"	5.05	.75
500 1407.2	15/16"	5.80	1.
500 1408.0	1-1/16"	6.55	1.3

No. 157 SHIP-AUGER MACHINE BITS WITH SCREW

12" Twist, 1/2" Shank Page 9 — Catalog 36M

500 1422.6	9/16"	\$3.90	.5
500 1423.4	5/8"	4.00	.56
500 1424.2	11/16"	4.05	.6
500 1425.0	3/4"	4.15	.8
500 1426.9	13/16"	4.25	.9
500 1427.7	7/8"	4.55	1.
500 1428.5	15/16"	4.90	1.12
500 1429.3	1"	5.15	1.25
500 1430.7	1-1/16"	5.50	1.37
15" Twist, 1/2" Shank			
500 1431.5	1-1/8"	\$7.10	1.5
500 1432.3	1-1/4"	7.80	1.75
500 1433.1	1-3/8"	8.60	2.
500 6733.8	1-1/2"	9.35	2.5
500 1435.8	1-3/4"	11.20	3.5
500 1436.6	2"	13.00	4.5

18" Twist, 1/2" Shank

500 1437.4	9/16"	\$5.70	.6
500 1438.2	5/8"	5.85	.7
500 1439.0	11/16"	6.00	.75
500 1440.4	3/4"	6.20	1.
500 1441.2	13/16"	6.65	1.25
500 1442.0	7/8"	7.15	1.3
500 1443.9	15/16"	7.60	1.4
500 1444.7	1"	8.10	1.5
500 1445.5	1-1/16"	8.55	1.9

24" Twist, 1/2" Shank

500 6361.8	9/16"	\$7.60	.9
500 1447.1	5/8"	7.80	.94
500 6734.6	11/16"	8.00	1.06
500 1449.8	3/4"	8.25	1.3
500 1450.1	13/16"	8.85	1.5
500 6735.4	7/8"	9.50	1.7
500 1452.8	15/16"	10.20	2.
500 1453.6	1"	10.70	2.3
500 1454.4	1-1/16"	11.40	2.37

No. 158 SHIP-AUGER MACHINE BITS WITHOUT SCREW

Price on Application Page 9 — Catalog 36M

No. 159 SINGLE-SPUR MACHINE BITS

12" Twist, 1/2" Shank Page 9 — Catalog 36M

500 1459.5	9/16"	\$3.90	.5
500 1460.9	5/8"	4.00	.56
500 1461.7	11/16"	4.05	.6
500 1462.5	3/4"	4.15	.8
500 1463.3	13/16"	4.25	.9
500 1464.1	7/8"	4.55	1.
500 6736.2	15/16"	4.90	1.12
500 1466.8	1"	5.15	1.25
500 1467.6	1-1/16"	5.50	1.37

18" Twist, 1/2" Shank

500 1468.4	9/16"	\$5.70	.6
500 1469.2	5/8"	5.85	.7
500 1470.6	11/16"	6.00	.75
500 1471.4	3/4"	6.20	1.
500 1472.2	13/16"	6.65	1.25
500 1473.0	7/8"	7.15	1.3
500 1474.9	15/16"	7.60	1.4
500 1475.7	1"	8.10	1.5
500 1476.5	1-1/16"	8.55	1.9

(Continued on Next Page)

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 159 SINGLE-SPUR MACHINE BITS (Continued)			
24" Twist, 1/2" Shank			
500 1477.3	9/16"	\$7.60	.9
500 1478.1	5/8"	7.80	.93
500 6737.0	11/16"	8.00	1.06
500 1480.3	3/4"	8.25	1.3
500 1481.1	13/16"	8.85	1.5
500 6738.9	7/8"	9.50	1.7
500 1483.8	15/16"	10.20	2.
500 1484.6	1"	10.70	2.3
500 1485.4	1-1/16"	11.40	2.37

No. 161 SHORT DOUBLE-TWIST EXTENSION-LIP MACHINE BITS			
2-1/4" Twist, 3/8" Shank Page 10 — Catalog 36M			
500 1486.2	1/4"	\$2.80	.1
500 1487.0	5/16"	2.80	.1
500 1488.9	3/8"	2.80	.1
500 1489.7	7/16"	2.85	.1
500 1490.0	1/2"	2.90	.2
500 1491.9	9/16"	3.00	.2
500 1494.3	5/8"	3.10	.2
500 1495.1	11/16"	3.15	.2
500 6739.7	3/4"	3.25	.2
500 1498.6	13/16"	3.40	.25
500 1499.4	7/8"	3.65	.3
500 1500.1	15/16"	3.90	.3
500 6740.0	1"	4.15	.37

No. 162 SHORT DOUBLE-TWIST EXTENSION-LIP MACHINE BITS			
2-1/4" Twist, 1/2" Shank Page 10 — Catalog 36M			
500 1502.8	1/4"	\$2.80	.1
500 1503.6	5/16"	2.80	.1
500 1504.4	3/8"	2.80	.1
500 1505.2	7/16"	2.85	.1
500 1506.0	1/2"	2.90	.2
500 1507.9	9/16"	3.00	.2
500 1508.7	5/8"	3.10	.2
500 1509.5	11/16"	3.15	.2
500 1510.9	3/4"	3.25	.2
500 1511.7	13/16"	3.40	.25
500 1513.3	7/8"	3.65	.3
500 6741.9	15/16"	3.90	.3
500 1516.8	1"	4.15	.37

No. 163 SCREW-SHANK DOWEL BITS			
5/16" - 20 Thrd. Shank Page 10 — Catalog 36M			
Double-Thread Screw Point			
500 1518.4	1/4"	\$2.60	.1
500 1519.2	5/16"	2.65	.1
500 1520.6	3/8"	2.75	.1
500 1521.4	7/16"	2.80	.1
500 1522.2	1/2"	2.85	.1
500 1523.0	9/16"	3.25	.2
500 1524.9	5/8"	3.40	.2
500 1525.7	3/4"	3.50	.3
Single-Thread Screw Point			
500 1526.5	3/8"	\$2.75	.1
500 1527.3	7/16"	2.80	.1
500 1528.1	1/2"	2.85	.1

No. 164 SCREW-SHANK DOWEL BITS			
7/16" - 14 Thrd. Shank Page 10 — Catalog 36M			
Double-Thread Screw Point			
500 6742.7	3/16"	\$2.55	.06
500 1530.3	1/4"	2.45	.1
500 1531.1	5/16"	2.50	.1
500 6743.5	3/8"	2.60	.1
500 1533.8	7/16"	2.65	.2
500 1534.6	1/2"	2.70	.2
Single-Thread Screw Point			
500 1535.4	1/4"	\$2.45	.1
500 1536.2	5/16"	2.50	.1
500 1537.0	3/8"	2.60	.1
500 1538.9	7/16"	2.65	.2
500 1539.7	1/2"	2.70	.2
500 1540.0	9/16"	3.15	.2
500 1541.9	5/8"	3.30	.25
500 1542.7	3/4"	3.45	.3

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 169 MACHINE CENTER BITS			
Page 7 — Catalog 36M			
500 1544.3	3/4"	\$4.65	.25
500 6744.3	7/8"	4.95	.25
500 1549.4	1"	5.60	.25
500 1551.6	1-1/8"	6.70	.3
500 1553.2	1-1/4"	6.90	.3
500 1554.0	1-3/8"	7.95	.37
500 1556.7	1-1/2"	8.40	.37
500 1559.1	1-3/4"	9.25	.37
500 1560.5	2"	10.35	.4
500 6745.1	2-1/4"	11.85	.5
500 1565.6	2-1/2"	12.90	.6
500 1566.4	2-3/4"	14.20	.75
500 1569.9	3"	15.30	.8
500 1570.2	3-1/4"	19.75	.9
500 1572.9	3-1/2"	20.65	.9
500 1573.7	4"	23.25	1.06

No. 174 STRAIGHT-SHANK TAPER-POINT DRILLS			
2-1/2" Twist, 6" Over All Page 15 — Catalog 36M			
500 6748.6	3/16"	\$1.30	.06
500 1585.0	13/64"	1.30	.06
500 1581.8	7/32"	1.30	.06
500 1586.9	15/64"	1.30	.06
500 1582.6	1/4"	1.30	.06
500 1587.7	17/64"	1.40	.06
500 1583.4	9/32"	1.45	.1
500 1584.2	5/16"	1.50	.1

No. 174-A STRAIGHT-SHANK TAPER-POINT DRILLS			
2" Twist, 4-1/2" Over All Page 15 — Catalog 36M			
500 1588.5	3/16"	\$1.20	.06
500 1593.1	13/64"	1.20	.06
500 1589.3	7/32"	1.20	.06
500 6749.4	15/64"	1.20	.06
500 1590.7	1/4"	1.20	.06
500 1595.8	17/64"	1.30	.06
500 1591.5	9/32"	1.35	.06
500 1592.3	5/16"	1.45	.06

No. 175 STRAIGHT-SHANK DRILLS			
2-1/2" Twist, 6" Over All Page 15 — Catalog 36M			
500 1596.6	1/8"	\$.95	.06
500 1597.4	5/32"	.95	.06
500 1603.2	11/64"	1.05	.06
500 1598.2	3/16"	1.05	.06
500 1606.7	13/64"	1.05	.06
500 1599.0	7/32"	1.05	.06
500 1607.5	15/64"	1.05	.06
500 1600.8	1/4"	1.05	.06
500 1608.3	17/64"	1.15	.06
500 1601.6	9/32"	1.20	.1
500 1602.4	5/16"	1.25	.1
500 1604.0	11/32"	1.30	.1
500 1605.9	3/8"	1.35	.2

No. 175-A STRAIGHT-SHANK DRILLS			
2" Twist, 4-1/2" Over All Page 15 — Catalog 36M			
500 1609.1	1/8"	\$.90	.06
500 1610.5	5/32"	.90	.06
500 1616.4	11/64"	.95	.06
500 1611.3	3/16"	.95	.06
500 1617.2	13/64"	.95	.06
500 1612.1	7/32"	.95	.06
500 1618.0	15/64"	.95	.06
500 6750.8	1/4"	.95	.06
500 1619.9	17/64"	1.05	.06
500 1614.8	9/32"	1.10	.06
500 1615.6	5/16"	1.15	.06

No. 176 TAPER-HEAD DRILLS			
4" Twist, 1/2" Shank Page 11 — Catalog 36M			
500 1620.2	3/16"	\$1.95	.1
500 1621.0	7/32"	1.95	.1
500 1622.9	1/4"	1.95	.1
500 1623.7	9/32"	2.00	.2
500 1624.5	5/16"	2.00	.2
500 1626.1	11/32"	2.05	.2
500 6751.6	3/8"	2.05	.2
500 1628.8	13/32"	2.10	.2
500 1629.6	7/16"	2.10	.25
500 6752.4	15/32"	2.15	.25
500 1631.8	1/2"	2.20	.25
500 1632.6	9/16"	2.60	.25
500 1633.4	5/8"	2.90	.3
500 1634.2	3/4"	3.60	.37

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 176 TAPER-HEAD DRILLS (Continued)			
6" Twist, 1/2" Shank			
500 1635.0	3/8"	\$2.35	.25
500 1636.9	7/16"	2.50	.25
500 1637.7	1/2"	2.60	.25
500 1638.5	9/16"	2.90	.3
500 1639.3	5/8"	3.30	.37
500 1640.7	11/16"	3.70	.4
500 1641.5	3/4"	4.10	.5
8" Twist, 1/2" Shank			
500 1642.3	3/8"	\$2.85	.25
500 1643.1	7/16"	2.95	.3
500 6753.2	1/2"	3.05	.3
500 1645.8	9/16"	3.35	.37
500 1646.6	5/8"	3.80	.37
500 1647.4	11/16"	4.25	.5
500 1648.2	13/16"	5.35	.6
10" Twist, 1/2" Shank			
500 1649.0	3/8"	\$3.30	.25
500 1650.4	7/16"	3.45	.3
500 1651.2	1/2"	3.55	.37
500 1652.0	9/16"	3.85	.4
500 1653.9	5/8"	4.40	.5
500 1654.7	11/16"	4.90	.6
500 1656.3	13/16"	6.15	.75
12" Twist, 1/2" Shank			
500 1659.8	7/16"	\$3.85	.37
500 1660.1	1/2"	4.10	.4
500 6755.9	9/16"	4.45	.5
500 1662.8	5/8"	5.00	.56
500 1663.6	11/16"	5.55	.6
500 1664.4	13/16"	7.05	.75
500 1665.2	15/16"	8.60	1.
No. 176-D DOOR DOWEL DRILLS			
High-Speed Steel Page 11 — Catalog 36M			
Right Hand			
500 1672.5	1/2"	\$4.80	.3
500 1673.3	5/8"	6.00	.37
Left Hand			
500 1670.9	1/2"	4.80	.3
500 1671.7	5/8"	6.00	.37
No. 177 SPUR MACHINE DRILLS			
4" Twist, 1/2" Shank Page 11 — Catalog 36M			
500 1690.3	3/16"	\$2.00	.1
500 6758.3	7/32"	2.00	.1
500 1693.8	1/4"	2.00	.1
500 1695.4	9/32"	2.05	.2
500 1696.2	5/16"	2.05	.2
500 1697.0	11/32"	2.10	.2
500 1699.7	3/8"	2.10	.2
500 1701.2	13/32"	2.15	.2
500 1702.0	7/16"	2.15	.25
500 1704.7	15/32"	2.20	.25
500 1705.5	1/2"	2.25	.25
500 1706.3	9/16"	2.60	.25
500 1707.1	5/8"	2.95	.3
500 1709.8	11/16"	3.30	.3
500 1710.1	3/4"	3.75	.37
500 1712.8	13/16"	4.15	.37
500 1714.4	7/8"	4.60	.4
500 1716.0	15/16"	5.10	.5
500 1718.7	1"	5.65	.56
500 1720.9	1-1/16"	6.20	.7
500 1722.5	1-1/8"	6.70	.75
500 1724.1	1-1/4"	7.90	1.
No. 177-A SPUR MACHINE DRILLS			
2-1/2" Twist, 1/2" Shank Page 11 — Catalog 36M			
500 1726.8	3/8"	\$2.10	.2
500 1727.6	7/16"	2.15	.2
500 1728.4	1/2"	2.25	.25
No. 177-C-HS SPUR MACHINE DRILLS, High-Speed Steel			
2-1/2" Twist, 3/8" Shank Page 11 — Catalog 36M			
500 1737.3	3/8"	\$3.60	.2
500 1738.1	7/16"	3.95	.2
500 6762.1	1/2"	4.30	.25
No. 177-M SPUR MACHINE DRILLS			
Taper Shank Page 11 — Catalog 36M			
Right Hand			
500 1743.8	3/8"	\$3.85	.1
500 1744.6	7/16"	4.00	.1
500 1745.4	1/2"	4.30	.2

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
Left Hand			
500 1740.3	3/8"	3.85	.1
500 1741.1	7/16"	4.00	.1
500 6764.8	1/2"	4.30	.2
No. 177-S STRAIGHT-SHANK MACHINE DRILLS Spur Cut			
2-1/2" Twist, 6" Over All Page 15 — Catalog 36M			
500 1729.2	3/16"	\$1.55	.06
500 1731.4	7/32"	1.55	.06
500 1730.6	1/4"	1.55	.06
No. 178 SCREW-SHANK DOWEL DRILLS			
5/16" - 20 Thrd. Shank Page 10 — Catalog 36M			
500 1746.2	3/16"	\$2.45	.06
500 1749.7	1/4"	2.45	.1
500 1751.9	5/16"	2.50	.1
500 1752.7	3/8"	2.60	.1
500 1753.5	7/16"	2.75	.1
500 1754.3	1/2"	3.00	.1
500 6765.6	9/16"	3.35	.2
500 1758.6	5/8"	3.70	.2
500 1760.8	3/4"	4.35	.25
No. 178-A SCREW-SHANK DOWEL DRILLS			
7/16" - 14 Thrd. Shank Page 10 — Catalog 36M			
500 1761.6	3/16"	\$2.35	.06
500 1762.4	1/4"	2.35	.1
500 1763.2	5/16"	2.40	.1
500 1764.0	3/8"	2.50	.1
500 1765.9	7/16"	2.60	.2
500 1766.7	1/2"	2.75	.2
500 1768.3	9/16"	3.15	.2
500 1769.1	5/8"	3.50	.25
500 1770.5	3/4"	4.15	.3
No. 178-A-HS SCREW-SHANK DOWEL DRILLS			
High-Speed Steel Page 10 — Catalog 36M			
7/16" - 14 Thrd. Shank			
Right Hand			
500 1774.8	3/8"	\$4.50	.1
500 1775.6	7/16"	4.70	.1
500 1776.4	1/2"	5.00	.1
Left Hand			
500 1771.3	3/8"	4.50	.1
500 1772.1	7/16"	4.70	.1
500 6766.4	1/2"	5.00	.1
No. 179 SCREW-SHANK DOWEL DRILLS			
5/16" - 20 Thrd. Shank Page 10 — Catalog 36M			
500 1783.7	3/16"	\$2.50	.06
500 1785.3	1/4"	2.50	.1
500 1786.1	5/16"	2.60	.1
500 6767.2	3/8"	2.70	.1
500 1788.8	7/16"	2.85	.1
500 1789.6	1/2"	3.05	.1
500 1791.8	9/16"	3.40	.2
500 1793.4	5/8"	3.75	.2
500 1795.0	3/4"	4.50	.25
No. 179-A SCREW-SHANK DOWEL DRILLS			
7/16" - 14 Thrd. Shank Page 10 — Catalog 36M			
Right Hand			
500 1807.8	3/16"	\$2.40	.06
500 1808.6	1/4"	2.40	.1
500 1809.4	5/16"	2.50	.1
500 1810.8	3/8"	2.60	.1
500 1811.6	7/16"	2.70	.2
500 1812.4	1/2"	2.90	.2
500 1813.2	9/16"	3.20	.2
500 1814.0	5/8"	3.60	.25
500 1815.9	3/4"	4.25	.3
Left Hand			
500 1804.3	3/8"	2.60	.1
500 1805.1	7/16"	2.70	.1
500 6769.9	1/2"	2.90	.2
No. 179-A-HS SCREW-SHANK DOWEL DRILLS, High-Speed Steel—7/16" - 14 Thrd. Shank			
Page 10 — Catalog 36M			
Right Hand			
500 1822.1	3/8"	\$4.80	.1
500 6770.2	7/16"	4.95	.1
500 1824.8	1/2"	5.20	.1

(Continued on Next Page)

Control No.	Size	Net User Price Ea.	Wt. Lbs. Per Doz.
No. 179-A-HS SCREW-SHANK DOWEL DRILLS (Continued)			
Left Hand			
500 1798.5	3/8"	4.80	.1
500 1799.3	7/16"	4.95	.1
500 1800.0	1/2"	5.20	.1

No. 179-M SCREW-SHANK DOWEL DRILLS			
5/16" - 18 Thrd. Shank Page 10 — Catalog 36M			
Right Hand			
500 1819.1	3/8"	\$2.70	.1
500 1820.5	7/16"	2.85	.1
500 1821.3	1/2"	3.05	.1
Left Hand			
500 1816.7	3/8"	2.70	.1
500 1817.5	7/16"	2.85	.1
500 1818.3	1/2"	3.05	.1

No. 180 COUNTERSINK MACHINE BITS			
Price on Application Page 13 — Catalog 36M			

No. 183 COUNTERSINK BITS AND DRILLS			
Price on Application Page 13 — Catalog 36M			

No. 184 MULTI-SPUR COUNTERSINK CUTTERS			
Page 14 — Catalog 36M			
500 1827.2	1"	\$6.40	.1
500 1828.0	1-1/8"	6.55	.1
500 1829.9	1-1/4"	6.85	.2
500 1830.2	1-3/8"	7.30	.2
500 1831.0	1-1/2"	8.00	.25
500 1832.9	1-5/8"	8.55	.3
500 1833.7	1-3/4"	9.20	.3
500 1834.5	1-7/8"	9.65	.37
500 1835.3	2"	9.95	.4
500 1836.1	2-1/8"	10.25	.5
500 6771.0	2-1/4"	10.90	.56
500 1838.8	2-1/2"	12.60	.7

No. 185 TAPER-CUT COUNTERSINK DRILLS			
Page 13 — Catalog 36M			
500 1839.6	3/16" x 1/2"	4.90	.2
500 1841.8	7/32" x 1/2"	4.90	.2
500 6772.9	1/4" x 1/2"	4.90	.2

No. 186 SPUR-CUT COUNTERSINK DRILLS			
Page 13 — Catalog 36M			
500 1842.6	3/16" x 1/2"	\$5.60	.2
500 1844.2	7/32" x 1/2"	5.60	.2
500 1843.4	1/4" x 1/2"	5.60	.2

No. 189 COUNTERBORE MACHINE BITS				
Price on Application			Page 13 — Catalog 36M	
Control No.	Size	Bore	Net Unit Price Ea.	Wt. Lbs. Per Doz.

No. 191 ADJUSTABLE COUNTERSINK CUTTERS				
Bevel-Cut Page 14 — Catalog 36M				
500 1846.9	1/2"	1/8"	\$2.30	.06
500 1850.7	1/2"	5/32"	2.30	.06
500 1856.6	1/2"	11/64"	2.30	.06
500 1847.7	1/2"	3/16"	2.30	.06
500 1857.4	1/2"	13/64"	2.30	.06
500 6773.7	1/2"	7/32"	2.30	.06
500 1858.2	1/2"	15/64"	2.30	.06
500 1848.5	1/2"	1/4"	2.30	.06
500 1849.3	5/8"	1/4"	2.60	.1
500 1859.0	5/8"	17/64"	2.60	.1
500 1855.8	5/8"	9/32"	2.60	.1
500 1851.5	5/8"	5/16"	2.60	.1
500 1852.3	3/4"	5/16"	2.90	.1
500 1853.1	3/4"	3/8"	2.90	.1

No. 192 ADJUSTABLE COUNTERSINK CUTTERS				
Spur-Cut Page 14 — Catalog 36M				
500 1860.4	1/2"	1/8"	\$3.65	.06
500 1864.7	1/2"	5/32"	3.65	.06
500 6774.5	1/2"	11/64"	3.65	.06
500 1861.2	1/2"	3/16"	3.65	.06
500 1869.8	1/2"	13/64"	3.65	.06
500 1866.3	1/2"	7/32"	3.65	.06
500 1870.1	1/2"	15/64"	3.65	.06
500 1862.0	1/2"	1/4"	3.65	.06
500 1863.9	5/8"	1/4"	3.90	.1
500 6775.3	5/8"	17/64"	3.90	.1
500 1867.1	5/8"	9/32"	3.90	.1
500 1865.5	3/4"	5/16"	4.25	.1

Control No.	Size	Bore	Net Unit Price Ea.	Wt. Lbs. Per Doz.
No. 195 ADJUSTABLE COUNTERSINKS				
Spur-Cut, Split-Shank, 1/2" Shank with Set Screw				
Page 14 — Catalog 36M				

500 1873.6	3/8"	3/16"	\$4.85	.1
500 1883.3	7/16"	5/32"	4.85	.1
500 1874.4	7/16"	3/16"	4.85	.1
500 1872.8	1/2"	1/8"	4.85	.2
500 1905.8	1/2"	11/64"	4.85	.2
500 1875.2	1/2"	3/16"	4.85	.2
500 1913.9	1/2"	13/64"	4.85	.2
500 1895.7	1/2"	7/32"	4.85	.2
500 1915.5	1/2"	15/64"	4.85	.2
500 1877.9	1/2"	1/4"	4.85	.1
500 1896.5	9/16"	7/32"	5.15	.1
500 1878.7	9/16"	1/4"	5.15	.2
500 1876.0	5/8"	3/16"	5.45	.2
500 1897.3	5/8"	7/32"	5.45	.2
500 1879.5	5/8"	1/4"	5.45	.2
500 1917.1	5/8"	17/64"	5.45	.2
500 6778.8	5/8"	9/32"	5.45	.2
500 1884.1	5/8"	5/16"	5.45	.2
500 1880.9	3/4"	1/4"	6.70	.2
500 1900.7	3/4"	9/32"	6.70	.2
500 6776.1	3/4"	5/16"	6.70	.2
500 1890.6	3/4"	3/8"	6.70	.2
500 1881.7	7/8"	1/4"	7.60	.25
500 1901.5	7/8"	9/32"	7.60	.2
500 1886.8	7/8"	5/16"	7.60	.2
500 1906.6	7/8"	11/32"	7.60	.2
500 1891.4	7/8"	3/8"	7.60	.2
500 1882.5	1"	1/4"	8.50	.25
500 1903.1	1"	9/32"	8.50	.25
500 1887.6	1"	5/16"	8.50	.25
500 1907.4	1"	11/32"	8.50	.25
500 1892.2	1"	3/8"	8.50	.25
500 1888.4	1-1/8"	5/16"	9.40	.3
500 1909.0	1-1/8"	11/32"	9.40	.3
500 1893.0	1-1/8"	3/8"	9.40	.25
500 1889.2	1-1/4"	5/16"	10.35	.37
500 1911.2	1-1/4"	11/32"	10.35	.3
500 1894.9	1-1/4"	3/8"	10.35	.37

No. 198 ADJUSTABLE COUNTERSINKS				
Bevel-Cut, Split-Shank, 1/2" Shank with Set Screw				
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500 6781.8	1/2"	1/8"	\$3.45	.1
500 1922.8	1/2"	5/32"	3.45	.1
500 1929.5	1/2"	11/64"	3.45	.1
500 1919.8	1/2"	3/16"	3.45	.1
500 1930.9	1/2"	13/64"	3.45	.1
500 1926.0	1/2"	7/32"	3.45	.1
500 1931.7	1/2"	15/64"	3.45	.1
500 1920.1	1/2"	1/4"	3.45	.1
500 6782.6	5/8"	1/4"	4.00	.2
500 1933.3	5/8"	17/64"	4.00	.2
500 1928.7	5/8"	9/32"	4.00	.2
500 1923.6	5/8"	5/16"	4.00	.2
500 1924.4	3/4"	5/16"	4.20	.25
500 1925.2	3/4"	3/8"	4.20	.25

No. 199 ADJUSTABLE COUNTERSINKS				
Bevel-Cut, Split-Shank, 1/2" Shank with Set Screw				
Page 15 — Catalog 36M				

500 1934.1	1/2"	3/16"	\$4.40	.1
500 1936.8	1/2"	7/32"	4.40	.1
500 6783.4	1/2"	1/4"	4.40	.1

No. 1150 SHEATHING CUTTER Page 12 — Catalog 36M				
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Control No.	Catalog No.	Description	Net User Price Ea.	Wt. Lbs. Per Doz.
500 2757.3	1150	2-1/2" Complete	\$34.25	1.9
500 4158.4	SH-1 (AV-1290)	Body	11.85	1.2
500 4159.2	SH-2 (AV-1291)	Bit Pilot	3.40	.37
500 4160.6	SH-3 (AV-1292)	Outside Cut		
		Spurs (3 Req'd)	5.40	.06
500 4316.1	SH-4 (AV-2009)	Inside Cut Spurs		
		(1 Req'd)	5.40	.06
500 4132.0	SH-5 (AV-1154)	Cutter Lock		
		Screws (4 Req'd)	.15	.06
905 0558.1	SH-6 (1895 GB)	Stop Screws		
		(2 Req'd)	.15	.06
905 0614.6	SH-7 (2170 GB)	Set Screw	.15	.06
905 0668.5	SH-8 (3174 GB)	Wrench	.15	.06