



| ITEM NO. | PART NUMBER                | Description                              | QTY. |
|----------|----------------------------|--|------|
| 1        | 400-A01                    | Base Assembly                            | 1    |
| 2        | 400-A02                    | L-Gib Assembly                           | 1    |
| 3        | 400-A03                    | Motor Mount Assembly                     | 1    |
| 4        | 400-A04                    | Spindle Assembly                         | 1    |
| 5        | 400-A05                    | Vise Base Assembly                       | 1    |
| 6        | 400-570                    | 1 hp Motor & Gearbox                     | 1    |
| 7        | 1100-U                     | Upgraded Vise                            | 1    |
| 8        | 400-005-RH                 | Right Hand Roton Screw                   | 1    |
| 9        | 400-020                    | Ultimate Hand Wheel                      | 2    |
| 10       | 400-021                    | Aluminum Handle                          | 2    |
| 11       | 400-025                    | Gib Chip Guard                           | 1    |
| 12       | 400-035                    | Large Lovejoy Guard                      | 1    |
| 13       | 400-100-DS                 | Chip Tray                                | 1    |
| 14       | 400-507                    | Martin ML100 3/4" Coupling               | 1    |
| 15       | 400-508                    | Martin ML11 1" Coupling                  | 1    |
| 16       | 400-509                    | Spider                                   | 1    |
| 17       | 400-005-LH                 | Left Hand Roton Screw                    | 1    |
| 18       | 400-513                    | 1/2" ID x 1" OD Thrust Bearing           | 2    |
| 19       | 400-040                    | Tower Shim Plate *(Upgraded Models Only) | 1    |
| 20       | 7657K31                    | Motor Switch                             | 1    |
| 21       | 91259A724                  | 3/8"-16 x 1/2" Shoulder x 3" SHSS        | 2    |
| 22       | 97135A255                  | 1/2"-20 Nylock Nut                       | 2    |
| 23       | 98481A090                  | Woodruff Key                             | 2    |
| 24       | 3/16" x 3/16" x 1-3/8" Key | Motor Key                                | 1    |
| 25       | 3/16" x 3/16" x 1" Key     | Gearbox Key                              | 1    |
| 26       | 1/4" x 1/4" x 1" Key       | Spindle Key                              | 1    |
| 27       | 90126A030                  | .344" ID .688" Washer                    | 4    |
| 28       | 92620A587                  | 5/16"-18 x 1-1/2" HHCS                   | 4    |
| 29       | 4XE64 (GRAINGER)           | 3/8"-16 x 1-1/2" SHCS                    | 4    |
| 30       | 92620A624                  | 3/8"-16 x 1" HHCS                        | 4    |
| 31       | 90044A146                  | 3/8"-16 x 2" SHCS                        | 4    |
| 32       | 91255A535                  | 1/4"-20 x 3/8" BHCS                      | 4    |
| 33       | 91251A581                  | 5/16"-18 x 3/4" SHCS                     | 2    |
| 34       | 1/4"-20 x 1/4" Set Screw   | 1/4"-20 x 1/4" Set Screw                 | 2    |
| 35       | 400-401-A                  | Upper Tube Depth Assembly                | 1    |
| 36       | 400-401-B                  | Lower Vise Stop                          | 1    |
| 37       | 1100-100                   | Vise Jaw Shim                            | 1    |
| 38       | 1100-504                   | 3/4" Wrench                              | 1    |
| 39       | 1100-505                   | 1/4" T-Handle Allen Wrench               | 1    |
| 40       | 92865A716                  | 1/2"-13 x 1-1/2" HHCS                    | 2    |
| 41       | 97416A135                  | 1/2" Washer                              | 2    |
| 42       | 91104A031                  | 3/8" Split Lock Washer                   | 4    |

**PROPRIETARY AND CONFIDENTIAL**

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|                             |  |
|-----------------------------|--|
| QUANTITY                    |  |
| MATERIAL                    |  |
| FINISH                      |  |
| <b>DO NOT SCALE DRAWING</b> |  |

NAME DATE

DRAWN MSA 6/29/20

**UNLESS OTHERWISE SPECIFIED:**

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL ±1/32  
 ONE PLACE DECIMAL ±.015  
 TWO PLACE DECIMAL ±.010  
 THREE PLACE DECIMAL ±.005  
 ANGULAR ±1°

COMMENTS:

**MITTLER BROS. MACHINE & TOOL**  
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 (636)745-7757 Fax (636)745-2874

TITLE:  
**Ultimate Tube Notcher**

SIZE DWG. NO. REV  
**B** 400-A00

SCALE: 1:6 WEIGHT: SHEET 1 OF 1