

Taper Pin Reamers

TAPER 1/4" PER FOOT

HIGH SPEED M-2 STEEL

STRAIGHT SHANK

**STRAIGHT FLUTE
RIGHT HAND CUT**



**SPIRAL FLUTE
LEFT HAND SPIRAL — RIGHT HAND CUT**



**HELICAL FLUTE
LEFT HAND SPIRAL — RIGHT HAND CUT**



Taper Pin Reamers are manufactured with a taper of 1/4" per foot. They are used to ream holes into which standard taper pins will fit. The point of each reamer will enter hole reamed by the next smaller size. Hole to be reamed should be a few thousandths smaller than the small diameter of the finished reamed hole. Square shank allows hand (straight & spiral) reamers to be held in a tap wrench or vise, depending on whether the reamer or the part is rotated.

STRAIGHT FLUTE PIN REAMERS are designed for hand use in easy to ream materials.

SPIRAL FLUTE PIN REAMERS are designed for hand use in hard to ream materials.

HELICAL FLUTE PIN REAMERS are designed for machine reaming of holes for taper pins on a production basis. Helical design throws the chips forward to relieve packing of the flutes.

Packaging: All reamers are individually packaged.

| | | STRAIGHT | | | | SPIRAL | | HELICAL | | | |
|---------------|------------------|----------------------|----------------------|-------------------|------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| IMPORT | | SERIES 4500E | | | | SERIES 4550E | | SERIES 4570E | | | |
| SIZES | SHANK DIA | SMALL END DIA | LARGE END DIA | FLUTE LGTH | OAL | 4500E EDP NUMBER | 4500E LIST PRICE | 4550E EDP NUMBER | 4550E LIST PRICE | 4570E EDP NUMBER | 4570E LIST PRICE |
| 7/0 | 5/64 | .0497 | .0666 | 13/16 | 1-13/16 | 450E007 | \$59.66 | 455E007 | \$60.84 | 457E007 | \$60.84 |
| 6/0 | 3/32 | .0611 | .0806 | 15/16 | 1-15/16 | 450E006 | 46.98 | 455E006 | 47.92 | 457E006 | 47.92 |
| 5/0 | 7/64 | .0719 | .0966 | 1-3/16 | 2-3/16 | 450E005 | 41.11 | 455E005 | 41.69 | 457E005 | 41.69 |
| 4/0 | 1/8 | .0869 | .1142 | 1-5/16 | 2-5/16 | 450E004 | 37.35 | 455E004 | 38.17 | 457E004 | 38.17 |
| 3/0 | 9/64 | .1029 | .1302 | 1-5/16 | 2-5/16 | 450E003 | 33.24 | 455E003 | 31.12 | 457E003 | 34.06 |
| 2/0 | 5/32 | .1137 | .1462 | 1-9/16 | 2-9/16 | 450E002 | 29.83 | 455E002 | 27.95 | 457E002 | 31.12 |
| 0 | 11/64 | .1287 | .1638 | 1-11/16 | 2-15/16 | 450E000 | 28.19 | 455E000 | 26.43 | 457E000 | 29.36 |
| 1 | 3/16 | .1447 | .1798 | 1-11/16 | 2-15/16 | 450E010 | 29.83 | 455E010 | 27.95 | 457E010 | 29.36 |
| 2 | 13/64 | .1605 | .2008 | 1-15/16 | 3-3/16 | 450E020 | 29.83 | 455E020 | 27.95 | 457E020 | 31.12 |
| 3 | 15/64 | .1813 | .2294 | 2-5/16 | 3-11/16 | 450E030 | 29.83 | 455E030 | 27.95 | 457E030 | 31.12 |
| 4 | 17/64 | .2071 | .2604 | 2-9/16 | 4-1/16 | 450E040 | 33.24 | 455E040 | 31.12 | 457E040 | 34.06 |
| 5 | 5/16 | .2409 | .2994 | 2-13/16 | 4-5/16 | 450E050 | 37.00 | 455E050 | 34.65 | 457E050 | 38.05 |
| 6 | 23/64 | .2773 | .3540 | 3-11/16 | 5-7/16 | 450E060 | 46.98 | 455E060 | 44.04 | 457E060 | 48.62 |
| 7 | 13/32 | .3297 | .4220 | 4-7/16 | 6-5/16 | 450E070 | 61.07 | 455E070 | 57.32 | 457E070 | 63.19 |
| 8 | 7/16 | .3971 | .5050 | 5-3/16 | 7-3/16 | 450E080 | 88.79 | 455E080 | 83.15 | 457E080 | 91.38 |
| 9 | 9/16 | .4805 | .6066 | 6-1/16 | 8-5/16 | 450E090 | 113.69 | 455E090 | 106.64 | 457E090 | 117.45 |
| 10 | 5/8 | .5799 | .7219 | 6-13/16 | 9-5/16 | 450E100 | 133.42 | 455E100 | 125.20 | 457E100 | 137.89 |