

## OVERSIZED HAND TAPS # 454

Top Quality - Typical Origin: USA, Germany - High Speed Steel - 4 Flute  
Oversized Tolerance = +.127 mm/+ .005 inches



| NOMINAL SIZE | # OF FLUTES | # 454 P<br>Plug Form | # 454 B<br>Bottom Form | THREAD LENGTH | OVERALL LENGTH |
|--------------|-------------|----------------------|------------------------|---------------|----------------|
| 4 x .7       | 4           | x                    | x                      | 19            | 54             |
| 5 x .8       | 4           | x                    | x                      | 22            | 60             |
| 6 x 1        | 4           | x                    | x                      | 25            | 62             |
| 7 x 1        | 4           | x                    | x                      | 28            | 69             |
| 8 x 1.25     | 4           | x                    | x                      | 28            | 69             |
| 8 x 1        | 4           | x                    | x                      | 28            | 69             |
| 10 x 1.5     | 4           | x                    | x                      | 31            | 75             |
| 10 x 1.25    | 4           | x                    | x                      | 31            | 75             |
| 10 x 1       | 4           | x                    | x                      | 31            | 75             |
| 12 x 1.75    | 4           | x                    | x                      | 42            | 92             |
| 12 x 1.5     | 4           | x                    | x                      | 42            | 92             |
| 12 x 1.25    | 4           | x                    | x                      | 42            | 92             |
| 14 x 2       | 4           | x                    | x                      | 45            | 95             |
| 14 x 1.5     | 4           | x                    | x                      | 45            | 95             |
| 16 x 2       | 4           | x                    | x                      | 45            | 95             |
| 16 x 1.5     | 4           | x                    | x                      | 45            | 95             |
| 20 x 2.5     | 4           | x                    | x                      | 50            | 110            |
| 20 x 1.5     | 4           | x                    | x                      | 50            | 110            |
| 22 x 2.5     | 4           | x                    | x                      | 56            | 120            |
| 24 x 3       | 4           | x                    | x                      | 56            | 125            |

"x" denotes stock availability

## UNIPASS TAP & DRILL COMBINATIONS # 451

Top Quality - Typical Origin: USA, Germany - High Speed Steel - 6H Tolerance



| NOMINAL SIZE | # OF FLUTES | THREAD LENGTH | OVERALL LENGTH |
|--------------|-------------|---------------|----------------|
| 3 x .5       | 2           | 13            | 50             |
| 4 x .7       | 2           | 13            | 53             |
| 5 x .8       | 2           | 16            | 60             |
| 6 x 1        | 2           | 20            | 63             |
| 7 x 1        | 2           | 24            | 70             |
| 8 x 1.25     | 2           | 24            | 70             |
| 10 x 1.5     | 2           | 27            | 85             |
| 12 x 1.75    | 2           | 35            | 102            |

**How to Order**  
Item #: 454 P  
Size: M 8 x 1  
Quantity: 20  
Tel: 1-888-966-MMCC

To offer this complete range of sizes, several manufacturers are represented and minor variations in dimensions may occur.  
Larger sizes available - **Please inquire.**