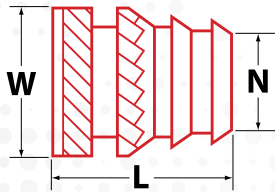
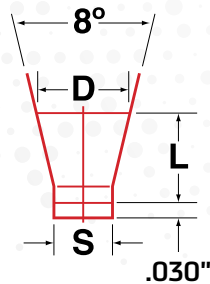


**SINGLE VANE**



**DOUBLE VANE**



Hole depth should be a minimum of .030" greater than the length of the insert in blind holes.

### TAPERED SINGLE VANE

| Part Number | Internal Thread | Overall Length (L) | Insert Diam. (W) | Pilot Diam. (N) | Rec. Hole Size* (D) | Rec. Hole Size* (S) | Min. Wall Thickness |
|-------------|-----------------|--------------------|------------------|-----------------|---------------------|---------------------|---------------------|
| TH-002-SV   | 2-56            | 0.115              | 0.136            | 0.122           | 0.123               | 0.118               | 0.080               |
| TH-004-SV   | 4-40            | 0.135              | 0.172            | 0.157           | 0.159               | 0.153               | 0.093               |
| TH-006-SV   | 6-32            | 0.150              | 0.220            | 0.203           | 0.206               | 0.199               | 0.116               |
| TH-008-SV   | 8-32            | 0.185              | 0.250            | 0.230           | 0.234               | 0.226               | 0.133               |
| TH-124-SV   | 10-24           | 0.225              | 0.296            | 0.272           | 0.277               | 0.267               | 0.159               |
| TH-132-SV   | 10-32           | 0.225              | 0.296            | 0.272           | 0.277               | 0.267               | 0.159               |
| TH-420-SV   | 1/4-20          | 0.300              | 0.375            | 0.354           | 0.363               | 0.349               | 0.194               |
| TH-428-SV   | 1/4-28          | 0.300              | 0.375            | 0.354           | 0.363               | 0.349               | 0.194               |
| TH-518-SV   | 5/16-18         | .335               | .469             | .439            | .448                | .431                | .245                |
| TH-316-SV   | 3/8-16          | .375               | .563             | .530            | .540                | .523                | .293                |
| TH-324-SV   | 3/8-24          | .375               | .563             | .530            | .540                | .523                | .293                |
| TH-M25-SV   | M2.5-0.45       | .135               | .172             | .157            | .159                | .153                | .093                |
| TH-M30-SV   | M3-0.5          | .150               | .220             | .203            | .206                | .199                | .116                |
| TH-M40-SV   | M4-0.7          | .185               | .250             | .230            | .234                | .226                | .133                |
| TH-M50-SV   | M5-0.8          | .265               | .328             | .308            | .315                | .303                | .171                |
| TH-M60-SV   | M6-1.0          | .300               | .375             | .354            | .363                | .349                | .194                |

### TAPERED DOUBLE VANE

| Part Number | Internal Thread | Overall Length (L) | Insert Diam. (W) | Pilot Diam. (N) | Rec. Hole Size* (D) | Rec. Hole Size* (S) | Min. Wall Thickness |
|-------------|-----------------|--------------------|------------------|-----------------|---------------------|---------------------|---------------------|
| DV-002-TH   | 2-56            | 0.188              | 0.136            | 0.115           | 0.123               | 0.107               | 0.080               |
| DV-004-TH   | 4-40            | 0.219              | 0.172            | 0.144           | 0.159               | 0.141               | 0.093               |
| DV-006-TH   | 6-32            | 0.250              | 0.220            | 0.190           | 0.206               | 0.185               | 0.116               |
| DV-008-TH   | 8-32            | 0.312              | 0.250            | 0.212           | 0.234               | 0.208               | 0.133               |
| DV-124-TH   | 10-24           | 0.375              | 0.297            | 0.251           | 0.277               | 0.246               | 0.159               |
| DV-132-TH   | 10-32           | 0.375              | 0.297            | 0.251           | 0.277               | 0.246               | 0.159               |
| DV-420-TH   | 1/4-20          | 0.500              | 0.375            | 0.332           | 0.363               | 0.321               | 0.194               |
| DV-428-TH   | 1/4-28          | 0.500              | 0.375            | 0.332           | 0.363               | 0.321               | 0.194               |
| DV-518-TH   | 5/16-18         | .562               | .469             | .406            | .448                | .401                | .245                |
| DV-316-TH   | 3/8-16          | .625               | .563             | .493            | .540                | .488                | .293                |
| DV-M25-TH   | M2.5-0.45       | .219               | .172             | .144            | .159                | .141                | .093                |
| DV-M30-TH   | M3-0.5          | .250               | .220             | .190            | .206                | .185                | .116                |
| DV-M40-TH   | M4-0.7          | .312               | .250             | .212            | .234                | .208                | .133                |
| DV-M50-TH   | Mds5-0.8        | .438               | .328             | .283            | .315                | .278                | .171                |
| DV-M60-TH   | M6-1.0          | .500               | .375             | .332            | .363                | .321                | .194                |

\*Hole size requirements may vary depending on a number of factors, including material and tools.

We recommend that you test your particular application before ordering.  
We gladly supply free samples.