

HSS M2 Taper Pipe Taps

List No. TP02W00 - HSS Taper Pipe Taps (NPT/NPTF)

List No. TP01W00 - Alloy Taper Pipe Taps (NPT)



Features

- * Precision ground to insure concentricity of tip & body
- * Fully ground smooth flutes & surface treated for effective chip flow
- * Premium quality HSS, special heat treatment to remain sharper cut, & reduce wear
- * The nominal size is of the pipe being threaded
- * Penetrates faster with less pressure
- * All dimensional & element tolerances conform to ASME/ANSI B94.11M

Application

- * HSS Taper Pipe Taps (NPT) are utilized for tapping pipe fittings where very tight fits are needed. NPT threads taper 3/4" per foot and all of the threads on this tap do the cutting as compared to a (NPS) straight pipe tap where only the non-chamfered threads do the cutting. They require a sealant such as Teflon tape or pipe joint compound to prevent leakage of fluids or gases. NPT pipe taps can be used to tap threads to military aeronautical thread specifications (ANPT) and for work requiring ground thread accuracy and performance. (NPTF) Taper Thread Pipe Taps do not require sealants. Dryseal is attained by metal to metal contact.
- * Alloy Steel Taps are used for hand tapping in maintenance and repair work

Sizes available:

1/16" TO 4"; Customer Sets and Customer surface finish are available

Material:

M2 in stock, M35, M42 cobalt available as customer requests

| NPT Series | | | NPTF Series | | | OAL | FL |
|--------------------|---------|---------|---------------------|----------|----------|---------|----------|
| Specification | TP02W00 | TP01W00 | Specification | TP02W00F | TP01W00F | | |
| 1/16 - 27NPT | R004 | R004 | 1/16 - 27NPTF | R004 | R004 | 2-1/8" | 11/16" |
| 1/8 - 27NPT | R008 | R008 | 1/8 - 27NPTF | R008 | R008 | 2-1/8" | 3/4" |
| *1/8 - 27NPT(Long) | R008L | R008L | *1/8 - 27NPTF(Long) | R008L | R008L | 2-1/8" | 3/4" |
| 1/4 - 18NPT | R016 | R016 | 1/4 - 18NPTF | R016 | R016 | 2-7/16" | 1-1/16" |
| 3/8 - 18NPT | R024 | R024 | 3/8 - 18NPTF | R024 | R024 | 2-9/16" | 1-1/16" |
| 1/2 - 14NPT | R032 | R032 | 1/2 - 14NPTF | R032 | R032 | 3-1/8" | 1-3/8" |
| 3/4 - 14NPT | R048 | R048 | 3/4 - 14NPTF | R048 | R048 | 3-1/4" | 1-3/8" |
| 1 - 11 1/2NPT | R100 | R100 | 1 - 11 1/2NPTF | R100 | R100 | 3-3/4" | 1-3/4" |
| 1 1/4 - 11 1/2NPT | R116 | R116 | 1 1/4 - 11 1/2NPTF | R116 | R116 | 4" | 1-3/4" |
| 1 1/2 - 11 1/2NPT | R132 | R132 | 1 1/2 - 11 1/2NPTF | R132 | R132 | 4-1/4" | 1-3/4" |
| 2 - 11 1/2NPT | R200 | R200 | 2 - 11 1/2NPTF | R200 | R200 | 4-1/2" | 1-3/4" |
| 2 1/2 - 8NPT | R232 | R232 | 2 1/2 - 8NPTF | R232 | R232 | 5-1/2" | 1-9/16" |
| 3 - 8NPT | R300 | R300 | 3 - 8NPTF | R300 | R300 | 6" | 2-5/8" |
| 3 1/2-8NPT | R332 | R332 | 3 1/2 - 8NPTF | R332 | R332 | 6-1/2" | 2-11/16" |
| 4 - 8NPT | R400 | R400 | 4 - 8NPTF | R400 | R400 | 6-3/4" | 2-3/4" |