



Economical High Performance Taps

For American Taper Pipe Threads

NPT



NPT taps have an Oxide Surface Treatment
Custom Blend Vanadium HSS

The tap chamfer and for the first few threads. The balance of the threads are interrupted to reduce drag while threading. These pipe taps are standard having an odd number of flutes, 5 or 7.

Ground thread taper pipe taps are standard in American Standard Pipe Form (NPT).

The nominal size of a pipe tap is that of the pipe fitting to be tapped, not the actual size of the tap. The thread tapers 3/4 of an inch per foot.

All pipe taps have a chamfer of 2-1/2 to 3-1/2 threads List 3435 Interrupted NPT

| Nominal Size | Threads per Inch | No. of Flutes | EDP Numbers NPT or ANPT | Dimensions | |
|-----------------|------------------|---------------|-------------------------|------------------|----------------|
| | | | | Length of Thread | Length Overall |
| 1/16 | 27 | — | — | 11/16 | 2- 1/8 |
| 1/8 (Lg. Shank) | | 5 | 383151 | 3/4 | 2- 1/8 |
| 1/8 (Sm. Shank) | | 5 | 383152 | 3/4 | 2- 1/8 |
| 1/4 | 18 | 5 | 383153 | 1- 1/16 | 2- 7/16 |
| 3/8 | 18 | 5 | 383154 | 1- 1/16 | 2- 9/16 |
| 1/2 | 14 | 5 | 383155 | 1- 3/8 | 3- 1/8 |
| 3/4 | 14 | 5 | 383156 | 1- 3/8 | 3- 1/4 |
| 1 | 11- 1/2 | 5 | 383157 | 1- 3/4 | 3- 3/4 |
| 1- 1/4 | 11- 1/2 | 5 | 383158 | 1- 3/4 | 4 |
| 1- 1/2 | 11- 1/2 | 7 | 383159 | 1- 3/4 | 4- 1/4 |
| 2 | 11- 1/2 | 7 | 383160 | 1- 3/4 | 4- 1/2 |

Taper Pipe Taps for Cast Iron

For American Taper Pipe Threads

NPT / NPTF



NPT/NPTF taps have a Nitride Surface Toughening Treatment
Custom Blend High Vanadium HSS



These taps have a geometry suited for tapping gray irons and irons that produce broken chips. This design is also appropriate for some non-metallics such as Bakelite and Cast Brass.

Straight Flute (2-1/2 to 3-1/2 threads chamfered) List 3437 NPT 3447 NPTF Dryseal

| Nominal Size | Threads per Inch | No. of Flutes | EDP Numbers | | Dimensions | |
|-----------------|------------------|---------------|-------------|--------|------------------|----------------|
| | | | NPT | NPTF | Length of Thread | Length Overall |
| 1/8 (Lg. Shank) | | 4 | 383201 | 383226 | 3/4 | 2- 1/8 |
| 1/8 (Sm. Shank) | | 4 | 383202 | 383227 | 3/4 | 2- 1/8 |
| 1/4 | 18 | 4 | 383203 | 383228 | 1- 1/16 | 2- 7/16 |
| 3/8 | 18 | 4 | 383204 | 383229 | 1- 1/16 | 2- 9/16 |
| 1/2 | 14 | 4 | 383205 | 383230 | 1- 3/8 | 3- 1/8 |
| 3/4 | 14 | 5 | 383206 | 383231 | 1- 3/8 | 3- 1/4 |
| 1 | 11- 1/2 | 5 | 383207 | 383232 | 1- 3/4 | 3- 3/4 |
| 1- 1/4 | 11- 1/2 | 5 | 383208 | 383233 | 1- 3/4 | 4 |
| 1- 1/2 | 11- 1/2 | 7 | 383209 | 383234 | 1- 3/4 | 4- 1/4 |
| 2 | 11- 1/2 | 7 | 383210 | 383235 | 1- 3/4 | 4- 1/2 |