



# Slow Spiral Fluted Pipe Taps for Stainless Steels, for NPT and NPTF Threads

For American Taper Pipe Threads

## ZELX SS PIPE



NPSF taps have an Oxide Surface Treatment  
Custom Blend High Vanadium HSS

For Stainless Steels, Alloy Steels and Ductile Irons.

Pipe taps are standard with 2-1/2 to 3-1/2 threads chamfered

- List 3438 NPT Pipe Tap
- 3448 NPTF Pipe Tap Dryseal Taper

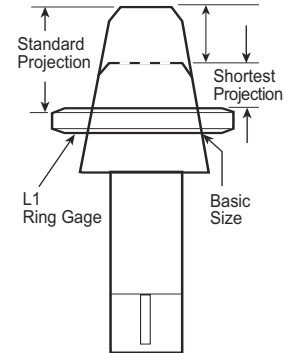
Nominal Size	Threads per Inch	No. of Flutes	EDP Numbers		Dimensions	
			NPT	NPTF	Length of Thread	Length Overall
1/16	27	4	383640	383660	11/16	2- 1/8
1/8 (Lg. Shank)	27	4	383641	383661	3/4	2- 1/8
1/8 (Sm. Shank)	27	4	383642	383662	3/4	2- 1/8
1/4	18	4	383643	383663	1- 1/16	2- 7/16
3/8	18	4	383644	383664	1- 1/16	3- 9/16
1/2	14	4	383645	383665	1- 3/8	3- 1/8
3/4	14	4	383646	383666	1- 3/8	3- 1/4
1	11- 1/2	4	383647	383667	1- 3/4	3- 3/4

The nominal size of a Pipe Taps 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.

ZELX SS Spiral Fluted Pipe Taps are designed for difficult jobs including the Stainless Steel family of materials as well as Alloy Steels, High Carbon Steel and Ductile Irons. Our unique design ZELX SS Pipe taps increase productivity through longer tool life.

### Taper Pipe Tap Standard Projection

ZELX Pipe Taps are designed for difficult jobs including stainless steels, alloy steels and ductile irons.



### TAPER PIPE TAPS- General Dimensions- Inches

Nominal Pipe Size	Length Overall		Length of Thread		Length of Square		Diameter of Shank		Size of Square		Gage Measurement		Taper per Foot		Tap Drill Sizes First 2 or 3 Threads (full)
	Length	Tol.	Length	Tol.	Length	Tol.	Dia.	Tol.	Size	Tol.	Projection	Tol.	Min.	Max.	
1/16	2- 1/8	±1/32	11/16	±1/16	3/8	±1/32	.3125	-.0015	.234	-.004	.312	±1/16	23/32	25/32	C
1/8	2- 1/8	±1/32	3/4	±1/16	3/8	±1/32	.3125	-.0015	.234	-.004	.312	±1/16	23/32	25/32	Q
1/8	2- 1/8	±1/32	3/4	±1/16	3/8	±1/32	.4375	-.0015	.328	-.004	.312	±1/16	23/32	25/32	Q
1/4	2- 7/16	±1/32	1- 1/16	±1/16	7/16	±1/32	.5625	-.002	.421	-.006	.459	±1/16	23/32	25/32	7/16
3/8	2- 9/16	±1/32	1- 1/16	±1/16	1/2	±1/32	.7000	-.002	.531	-.006	.454	±1/16	23/32	25/32	9/16
1/2	3- 1/8	±1/32	1- 3/8	±1/16	5/8	±1/32	.6875	-.002	.515	-.006	.579	±1/16	23/32	25/32	45/65
3/4	3- 1/4	±1/32	1- 3/8	±1/16	11/16	±1/32	.9063	-.002	.679	-.006	.565	±1/16	23/32	25/32	29/32
1	3- 3/4	±1/16	1- 3/4	±3/32	13/16	±1/16	1.1250	-.002	.843	-.008	.678	±3/32	23/32	25/32	1- 9/64
1- 1/4	4	±1/16	1- 3/4	±3/32	15/16	±1/16	1.3125	-.003	.984	-.008	.686	±3/32	23/32	25/32	1- 31/64
1- 1/2	4- 1/4	±1/16	1- 3/4	±1/8	1	±1/16	1.5000	-.003	1.125	-.008	.699	±3/32	23/32	25/32	1- 23/32
2	4- 1/2	±1/16	1- 3/4	±1/8	1- 1/8	±1/16	1.8750	-.003	1.406	-.008	.667	±3/32	23/32	25/32	2- 3/16

Taper Pipe tap standard projection is the distance the small end of the tap projects through an American National Standard Pipe Thread Ring Gage.