



## Thread Forming Taps for Ferrous Materials For Unified Threads

# N-RZ



N-RZ have an Oxide Surface Finish  
Custom Blend High Vanadium HSS

**Stainless Steels & Alloy Steels  
(for Ferrous Materials)**

Improved performance, new tap design.

Bottoming Style (2 to 2- 1/2 threads chamfered)  
DIN lengths with ANSI shank dimensions.

List 3560 Machine Screw Sizes  
3565 Fractional Sizes

Nominal Size	TPI		No. of Lobe Grooves	Pitch Diameter Limit/ EDP Numbers						Dimensions		
	UNC UNJC	UNF UNJF		H2	H3	H4	H5	H6	H7	Length of Thread	Neck Length	Length Overall
0	—	80	0	389410	—	—	—	—	—	.315	—	1.575
1	64	—	0	389411	—	—	—	—	—	.315	—	1.575
1	—	72	0	389412	—	—	—	—	—	.315	—	1.575
2	56	—	0	389413	389414	—	—	—	—	.354	—	1.772
2	—	64	0	389415	389416	—	—	—	—	.354	—	1.772
3	48	—	0	389417	389418	—	—	—	—	.276	.217	1.969
3	—	56	0	389419	389420	—	—	—	—	.276	.217	1.969
4	40	—	0	—	389421	—	389422	—	—	.433	.276	2.205
4	—	48	0	—	389425	—	389426	—	—	.433	.276	2.205
5	40	—	4	—	389429	—	389430	—	—	.433	.276	2.205
5	—	44	4	—	389433	—	389434	—	—	.433	.276	2.205
6	32	—	4	—	389437	—	389438	—	—	.512	.276	2.205
6	—	40	4	—	389442	—	389443	—	—	.512	.276	2.205
8	32	—	4	—	389446	—	389447	—	—	.512	.315	2.480
8	—	36	4	—	389450	—	389451	—	—	.512	.315	2.480
10	24	—	4	—	—	389454	—	389455	—	.630	.354	2.756
10	—	32	4	—	—	389458	—	389459	—	.630	.354	2.756
12	24	—	4	—	—	389462	—	389463	—	.630	.354	3.150
12	—	28	4	—	—	389466	—	389467	—	.630	.354	3.150
1/4	20	—	4	—	—	389470	—	389471	—	.748	.433	3.150
1/4	—	28	4	—	—	389474	—	389475	—	.748	.433	3.150
5/16	18	—	3	—	—	—	389478	—	389479	.866	.512	3.543
5/16	—	24	3	—	—	—	389482	—	389483	.866	.512	3.543
3/8	16	—	3	—	—	—	389486	—	389487	.945	.597	3.937
3/8	—	24	3	—	—	—	389490	—	389491	.787	.748	3.543
7/16	14	—	4	—	—	—	389494	—	389495	.945	—	3.937
7/16	—	20	4	—	—	—	389498	—	389499	.945	—	3.937
1/2	13	—	4	—	—	—	389504	—	389505	1.142	—	4.331
1/2	—	20	4	—	—	—	389508	—	389509	.866	—	3.937

N-RZ Roll taps can be run 1.5 times faster than the tapping speeds recommended for thread cutting taps