

HSSE-V3 SPIRAL FLUTE TAPS FOR STAINLESS STEEL INCH-ORANGE RING



HSSE-V3% VANADIUM

- Superior performance in stainless steels
- Up to 35 HRC

• 2.5 PITCH LEAD (BOTTOMING)

HSSE-V3 SPIRAL FLUTE TAPS INCH

Tap	Threads Per Inch	No. Flutes	Thread Limits	O/A Length (in)	Thread Length (in)	Code No.	Price \$
NC							
4	40	2	H2	1-7/8	.250	124-965	11.10
6	32	3	H2	2	.313	124-966	10.60
8	32	3	H2	2-1/8	.313	124-967	10.60
10	24	3	H3	2-3/8	.417	124-968	10.80
1/4	20	3	H3	2-1/2	.500	124-969	11.10
5/16	18	3	H3	2-23/32	.556	124-970	12.80
3/8	16	3	H3	2-15/16	.625	124-971	17.60
7/16	14	3	H3	3-5/32	.714	124-972	23.50
1/2	13	3	H3	3-3/8	.769	124-973	30.10
9/16	12	4	H3	3-19/32	.880	124-974	35.10
5/8	11	4	H3	3-13/16	.909	124-975	38.10
3/4	10	4	H3	4-1/4	1.000	124-976	65.10
7/8	9	4	H4	4-11/16	1.111	124-977	92.60
1	8	4	H4	5-1/8	1.250	124-978	125.20

NF							
10	32	3	H3	2-3/8	.417	124-979	10.80
1/4	28	3	H3	2-1/2	.500	124-980	11.10
5/16	24	3	H3	2-23/32	.556	124-981	15.10
3/8	24	3	H3	2-15/16	.625	124-982	17.60
7/16	20	3	H3	3-5/32	.714	124-964	23.50
1/2	20	3	H3	3-3/8	.769	124-983	30.10
5/8	18	4	H3	3-13/16	1.909	124-984	38.10
3/4	16	4	H3	4-1/4	1.000	124-985	65.10
7/8	14	4	H4	4-11/16	1.111	124-986	92.60
1	12	4	H4	5-1/8	1.250	124-987	125.20

cutting conditions				
Materials				Cutting Speed (FPM)
Main Group	Sub-Group	Condition	Hardness (HRC)	
Stainless Steel	200 Series,	Annealed	<28	20-35
	300 Series,	Annealed	<28	20-35
	17-4, 15-5	Annealed	<25	15-25
	AM286	Annealed	<25	15-25
	400 Series	Annealed	<29	20-35
	400 Series	Hardened	<35	15-20
	17-4PH, 15-5	Hardened	<35	15-20
	A286	Hardened	<35	15-20
Low Carbon Steels	1010, 1018	Normalized	<20	25-50
Alloyed high carbon	1050, 1065,	Normalized	<25	20-30
	1070, 1080			
	1090, 1095,			
	1561, 1572			
Beryllium Copper	4140, 4340		<32	20-30

