

# Spiral Point Plug Taps

Taraud à entrée hélicoïdale

Machuelo con punta en espiral

## Ground Thread — High Speed Steel

**Spiral Point** taps are designed for machine tapping in through holes in a wide variety of materials. The point ejects the chips ahead of the tap, eliminating chip disposal problems and thread damage. Shallower flutes also result in greater tap core strength allowing for higher cutting speeds.

**Steam Oxide Surface Treatment** increases wear resistance, reduces friction, acts as a lubricant, reduces galling and chip welding. Improves chip flow and increases tap lubricant retention. **NOT RECOMMENDED FOR NON-FERROUS MATERIALS.**



List No. 2070 Machine Screw  
Bright Finish



List No. 2070X Machine Screw  
Steam Oxide Treated

**STANDARD PACKAGE**

All sizes — 12 each

Bold type indicates standard H limit.

SIZE	TPI		PITCH DIA. LIMIT	THREAD LENGTH	OAL	NO. OF FLUTES	2070	2070X
	UNC	UNF					EDP NO.	EDP NO.
0	—	80	H1	5/16	1 5/8	2	<b>34001</b>	—
	—	80	<b>H2</b>	5/16	1 5/8	2	<b>34002</b>	<b>34122</b>
1	64	—	H1	3/8	1 11/16	2	<b>34003</b>	—
	64	—	<b>H2</b>	3/8	1 11/16	2	<b>34004</b>	—
	—	72	H1	3/8	1 11/16	2	<b>34005</b>	—
	—	72	<b>H2</b>	3/8	1 11/16	2	<b>34006</b>	<b>34126</b>
2	56	—	<b>H2</b>	7/16	1 3/4	2	<b>34008</b>	<b>34127</b>
	—	64	<b>H2</b>	7/16	1 3/4	2	<b>34010</b>	—
3	48	—	<b>H2</b>	1/2	1 13/16	2	<b>34012</b>	<b>34129</b>
	—	56	H1	1/2	1 13/16	2	<b>34013</b>	—
	—	56	<b>H2</b>	1/2	1 13/16	2	<b>34014</b>	<b>34131</b>
4	40	—	H1	9/16	1 7/8	2	<b>34015</b>	<b>34132</b>
	40	—	<b>H2</b>	9/16	1 7/8	2	<b>34016</b>	<b>34133</b>
	—	48	H1	9/16	1 7/8	2	<b>34017</b>	—
	—	48	<b>H2</b>	9/16	1 7/8	2	<b>34018</b>	—
	—	*36	<b>H2</b>	9/16	1 7/8	2	<b>34019</b>	<b>34134</b>
5	40	—	H1	5/8	1 15/16	2	<b>34020</b>	—
	40	—	<b>H2</b>	5/8	1 15/16	2	<b>34021</b>	<b>34136</b>
	—	44	<b>H2</b>	5/8	1 15/16	2	<b>34022</b>	—
6	32	—	H1	11/16	2	2	<b>34023</b>	—
	32	—	H2	11/16	2	2	<b>34024</b>	<b>34137</b>
	32	—	<b>H3</b>	11/16	2	2	<b>34025</b>	<b>34138</b>
	—	40	<b>H2</b>	11/16	2	2	<b>34026</b>	<b>34139</b>
8	32	—	H1	3/4	2 1/8	2	<b>34027</b>	—
	32	—	H2	3/4	2 1/8	2	<b>34028</b>	<b>34140</b>
	32	—	<b>H3</b>	3/4	2 1/8	2	<b>34029</b>	<b>34141</b>
	—	36	<b>H2</b>	3/4	2 1/8	2	<b>34030</b>	<b>34142</b>
10	24	—	H1	7/8	2 3/8	2	<b>34031</b>	—
	24	—	H2	7/8	2 3/8	2	<b>34032</b>	<b>34143</b>
	24	—	<b>H3</b>	7/8	2 3/8	2	<b>34033</b>	<b>34144</b>
	—	32	H1	7/8	2 3/8	2	<b>34034</b>	—
	—	32	H2	7/8	2 3/8	2	<b>34035</b>	<b>34145</b>
12	—	32	<b>H3</b>	7/8	2 3/8	2	<b>34036</b>	<b>34146</b>
	24	—	<b>H3</b>	15/16	2 3/8	2	<b>34038</b>	<b>34147</b>
	—	28	<b>H3</b>	15/16	2 3/8	2	<b>34039</b>	<b>34148</b>

\*UNS

Tool Coatings Also Available

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**Steam Oxide Surface Treatment** increases wear resistance reduces friction, acts as a lubricant, reduces galling and chip welding, improves chip flow and increases tap lubricant retention. **NOT RECOMMENDED FOR NON-FERROUS MATERIALS.**



List No. 2047 Fractional  
Bright Finish



List No. 2047X Fractional  
Steam Oxide Treated

**STANDARD** 1/4" thru 1/2" — 12 each  
**PACKAGE** 9/16" thru 3/4" — 3 each

Bold type indicates standard H limit.

SIZE	TPI		NO. OF FLUTES		PITCH DIA. LIMIT	THREAD LENGTH	OAL	2047 EDP NO.	2047X EDP NO.	
	UNC	UNF	STD.	OPTL.						
1/4	20	—	2	—	H1	1	2 1/2	<b>33001</b>	—	
	20	—	2	—	H2	1	2 1/2	<b>33002</b>	<b>33055</b>	
	20	—	2	—	<b>H3</b>	1	2 1/2	<b>33003</b>	<b>33056</b>	
	20	—	2	—	H5	1	2 1/2	<b>33004</b>	<b>33057</b>	
	20	—	—	3	—	<b>H3</b>	1	2 1/2	<b>33005</b>	—
	20	—	—	3	—	H5	1	2 1/2	<b>33006</b>	—
1/4	—	28	2	—	H1	1	2 1/2	<b>33007</b>	—	
	—	28	2	—	H2	1	2 1/2	<b>33008</b>	<b>33058</b>	
	—	28	2	—	<b>H3</b>	1	2 1/2	<b>33009</b>	<b>33059</b>	
	—	28	2	—	H4	1	2 1/2	<b>33010</b>	<b>33060</b>	
	—	28	—	3	—	H2	1	2 1/2	<b>33011</b>	—
	—	28	—	3	—	H4	1	2 1/2	<b>33012</b>	—
5/16	18	—	2	—	H1	1 1/8	2 23/32	<b>33013</b>	—	
	18	—	2	—	H2	1 1/8	2 23/32	<b>33014</b>	—	
	18	—	2	—	<b>H3</b>	1 1/8	2 23/32	<b>33015</b>	<b>33061</b>	
	18	—	2	—	H5	1 1/8	2 23/32	<b>33016</b>	<b>33062</b>	
	18	—	—	3	—	<b>H3</b>	1 1/8	2 23/32	<b>33017</b>	<b>33063</b>
	18	—	—	3	—	H5	1 1/8	2 23/32	<b>33018</b>	<b>33064</b>
5/16	—	24	2	—	H1	1 1/8	2 23/32	<b>33019</b>	—	
	—	24	2	—	H2	1 1/8	2 23/32	<b>33020</b>	<b>33065</b>	
	—	24	2	—	<b>H3</b>	1 1/8	2 23/32	<b>33021</b>	<b>33066</b>	
	—	24	2	—	H4	1 1/8	2 23/32	<b>33022</b>	—	
	—	24	—	3	—	H2	1 1/8	2 23/32	<b>33023</b>	—
	—	24	—	3	—	H4	1 1/8	2 23/32	<b>33024</b>	<b>33067</b>
3/8	16	—	3	—	H1	1 1/4	2 15/16	<b>33025</b>	—	
	16	—	3	—	H2	1 1/4	2 15/16	<b>33026</b>	—	
	16	—	3	—	<b>H3</b>	1 1/4	2 15/16	<b>33027</b>	<b>33068</b>	
	16	—	3	—	H5	1 1/4	2 15/16	<b>33028</b>	<b>33069</b>	
3/8	—	24	3	—	H1	1 1/4	2 15/16	<b>33029</b>	—	
	—	24	3	—	H2	1 1/4	2 15/16	<b>33030</b>	—	
	—	24	3	—	<b>H3</b>	1 1/4	2 15/16	<b>33031</b>	<b>33070</b>	
	—	24	3	—	H4	1 1/4	2 15/16	<b>33032</b>	—	
7/16	14	—	3	—	H2	1 7/16	3 5/32	<b>33033</b>	—	
	14	—	3	—	<b>H3</b>	1 7/16	3 5/32	<b>33034</b>	<b>33071</b>	
	14	—	3	—	H5	1 7/16	3 5/32	<b>33035</b>	<b>33072</b>	
7/16	—	20	3	—	<b>H3</b>	1 7/16	3 5/32	<b>33036</b>	<b>33073</b>	
	—	20	3	—	H5	1 7/16	3 5/32	<b>33037</b>	<b>33074</b>	
1/2	13	—	3	—	H2	1 21/32	3 3/8	<b>33039</b>	—	
	13	—	3	—	<b>H3</b>	1 21/32	3 3/8	<b>33040</b>	<b>33075</b>	
	13	—	3	—	H5	1 21/32	3 3/8	<b>33041</b>	<b>33076</b>	
1/2	—	20	3	—	H1	1 21/32	3 3/8	<b>33042</b>	—	
	—	20	3	—	H2	1 21/32	3 3/8	<b>33043</b>	—	
	—	20	3	—	<b>H3</b>	1 21/32	3 3/8	<b>33044</b>	<b>33077</b>	
	—	20	3	—	H5	1 21/32	3 3/8	<b>33045</b>	<b>33078</b>	
5/8	11	—	3	—	<b>H3</b>	1 13/16	3 13/16	<b>33046</b>	<b>33079</b>	
	11	—	3	—	H5	1 13/16	3 13/16	<b>33047</b>	<b>33080</b>	
	—	18	3	—	<b>H3</b>	1 13/16	3 13/16	<b>33050</b>	<b>33081</b>	
3/4	10	—	3	—	<b>H3</b>	2	4 1/4	<b>33048</b>	<b>33082</b>	
	10	—	3	—	H5	2	4 1/4	<b>33049</b>	<b>33083</b>	
	—	16	3	—	<b>H3</b>	2	4 1/4	<b>33052</b>	<b>33084</b>	