Free- Screw-

CONTINUED Helical Wire Thread Inserts HeliCoil

Thread Size	Overall Length	Drill Bit Size	Compatible Tap Size	Free Coil Diameter	Brand	Pkg. Qty.	Free- Running Item No.	Screw- Locking Item No.		
Fine (Cont.) 18-8 Stainless Steel (Cont.)										
18-8 Stain	1/4 in	(Cont.) 17/64 in	1/4"-28	0.33 in		10	5UUE1	_		
	1/4 in	17/64 in	1/4"-28	0.326 in		10	- JUUL 1	5WZY3		
	1/4 in	G	1/4"-28	0.326 in	Heli-Coil	100	4CZX5	_		
	1/4 in	G	1/4"-28	0.316 in	Heli-Coil	100		4GDN5		
1/4"-28	5∕16 in 3∕8 in	G 17/64 in	74 -28 1/4"-28	0.316 in 0.33 in	Heli-Coil	100 10	5UUE2	4GDN6		
74 20	3∕8 in	17/64 in	1/4"-28	0.326 in	_	10	_	5WZY4		
	3/8 in	G	1/4"-28	0.316 in	Heli-Coil	100	4CZX6	4GDN7		
	½ in ½ in	17/64 in 17/64 in	½"-28 ½"-28 ½"-28 ½"-28 ½"-28 ½"-28 ½"-28 ½"-28	0.33 in 0.326 in		10 10	5UUE3	5WZY5		
	½ in	G	1/4"-28	0.326 in	Heli-Coil	100	4CZX7	4GDN8		
	1/4 in	21/64 in	5/16"-24	0.39 in	Heli-Coil	100	4DAD3	_		
	5/16 in	21/64 in	5/16"-24	0.47 in		10	5UUE4			
	5∕16 in 5∕16 in	²¹ / ₆₄ in ²¹ / ₆₄ in	5/16"-24 5/16"-24	0.468 in 0.39 in	Heli-Coil	10 100	4DAC9	5WZY6 4GDP7		
	15/32 in	21/64 in	5/16"-24	0.47 in	—	10	5UUE5	-		
5/16"-24	15/32 in	21/64 in	5/16"-24 5/16"-24 5/16"-24 5/16"-24 5/16"-24 5/16"-24 5/16"-24 5/16"-24 3/8"-24	0.468 in		10	_	5WZY7		
710 E-1	15/32 in	21/64 in	5/16"-24	0.39 in	Heli-Coil	100	4DAD1	4GDP8		
	5% in 5% in	²¹ / ₆₄ in ²¹ / ₆₄ in	5/16 -24 5/16"-24	0.47 in 0.468 in		10 10	5UUE6	5WZY8		
	5∕8 in	21/64 in	5/16"-24	0.39 in	Heli-Coil	100	4DAD2	4GDP9		
	25/32 in	21/64 in	5/16"-24	0.39 in	Heli-Coil	100	_	4GDR1		
	15/16 in 3/8 in	²¹ / ₆₄ in ²⁵ / ₆₄ in	³ /16"-24	0.39 in 0.47 in	Heli-Coil	100 10	5UUE7	4GDR2		
	3/8 in	25/64 in	3/8"-24	0.47 III 0.468 in		10	300E7	5WZY9		
	9/16 in	25/64 in	3/8"-24	0.47 in	_	10	5UUE8	_		
3/8"-24	9/16 in	²⁵ / ₆₄ in	3/8"-24	0.468 in		10		5WZZ0		
	9/16 in 3/4 in	²⁵ / ₆₄ in	3/8"-24 3/8"-24	0.458 in 0.47 in	Heli-Coil	12 10	4EYJ2 5UUE9			
	3/4 in	25/64 in	%"-24 %"-24 ½6"-20 ½6"-20 ½6"-20 ½6"-20 ½6"-20 ½6"-20	0.468 in		10		5WZZ1		
	7∕16 in	29/64 in	7/16"-20	0.55 in	_	10	5UUF0	_		
	7/16 in	29/64 in	7/16"-20	0.549 in		5		5WZZ2		
7/16"-20	²¹ / ₃₂ in ²¹ / ₃₂ in	²⁹ / ₆₄ in ²⁹ / ₆₄ in	7/16 -2U 7/46"-20	0.55 in 0.549 in		10 5	5UUF1	5WZZ3		
710 20	21/32 in	²⁹ / ₆₄ in	7/16"-20	0.537 in	Heli-Coil	6	4EYJ6	-		
	7∕8 in	29/64 in	7/16"-20	0.55 in		10	5UUF2			
	7/8 in	29/64 in	7/16"-20 1/2"-20	0.549 in		5 10	5UUF3	5WZZ4		
	½ in ½ in	³³ / ₆₄ in ³³ / ₆₄ in	1/2"-20	0.62 in 0.617 in		5	500F3	5WZZ5		
	3/4 in	33/64 in	1/2"-20	0.62 in	_	10	5UUF4	-		
1/2"-20	3/4 in	33/64 in	½"-20 ½"-20	0.617 in		5		5WZZ6		
	3/4 in 1 in	³³ / ₆₄ in ³³ / ₆₄ in	1/2"-20	0.605 in	Heli-Coil	10	4EYH3 5UUF5			
	1 in	33/64 in	1/2"-20	0.62 in 0.617 in			30013	5WZZ7		
	9/16 in	37/64 in	9/16"-18	0.69 IN		5 5	5WZH4	_		
0/ = 40	9/16 in	37/64 in	½"-20 ½"-20 ½"-20 9/6"-18 9/6"-18 9/6"-18	0.691 in		5		5WZZ8		
⁹ / ₁₆ "-18	²⁷ / ₃₂ in ²⁷ / ₃₂ in	³⁷ / ₆₄ in ³⁷ / ₆₄ in	9/16"-18 9/16"-18	0.69 in 0.691 in		5 5	5WZH5	5WZZ9		
	27/32 in	37/64 in	9/16"-18	0.679 in	Heli-Coil	6	4EYJ7			
	5⁄8 in	41/64 in	5/8"-18	0.76 in	_	5	5WZH6	_		
5/8"-18	15/16 in	41/64 in	5%"-18	0.76 in		5	5WZH7			
	15/16 in 15/16 in	41/64 in 41/64 in	5/8"-18 5/8"-18	0.758 in 0.746 in	Heli-Coil	5 6	4EYJ4	5XAA1		
	3/4 in	49/64 in	3/4"-16	0.9 in	-	5	5WZH8	_		
	3/4 in	49⁄64 in	3/4"-16	0.901 in		1	´	5XAA2		
3/4"-16	3/4 in 11/8 in	49/64 in 49/64 in	3/4"-16 3/4"-16	0.901 in	Heli-Coil	1 5	5WZH9	4EXK9		
	11/8 in	49/64 IN	9/4 - 10 3/4"-16	0.9 in 0.901 in		1	3WZП9	5XAA3		
	11/8 in	49/64 in	3/4"-16 3/4"-16	0.901 in	Heli-Coil	1	<u> </u>	4EXK8		
	7∕8 in	57/64 in	%"-14	1.05 in		1	5WZJ0	_		
	7/8 in 7/8 in	57/64 in 57/64 in	7/8"-14 7/8"-14	1.051 in 1.051 in	Heli-Coil	1		5XAA4 4EXL2		
½"-14	15/16 in	57/64 IN	7/8"-14	1.05 in		+	5WZJ1	4EALZ		
	15/16 in	57/64 in	7/8"-14	1.051 in		1	_	5XAA5		
	15/16 in	57/64 in	7/8"-14	1.036 in	Heli-Coil	1	4EWT5	_		

Thread Size	Overall Length	Drill Bit Size	Compatible Tap Size 1"-12	Free Coil Diameter 1.2 in	Brand	Pkg. Qty.	Running Item No. 5WZJ4	Locking Item No.
	1 in 1 in	1 1/64 in 1 1/32 in	1"-12	1.199 in	Heli-Coil	1	JWZJ4	4EXL3
1"-12	1½ in	1 1/64 in	1"-12	1.2 in	-	÷	5WZJ5	4LALU
	1½ in	1 1/64 in	1"-12	1.184 in	Heli-Coil	i	4EWR7	
	1½ in	1 1/32 in	1"-12	1.199 in	Heli-Coil	1		4EXL4
	1 in	1 1/64 in	1"-14	1.199 in	_	1	5WZJ2	5XAA6
1"-14	1½ in	1 1/64 in	1"-14	1.19 in	_	1	5WZJ3	
1 -14	1½ in	1 1/64 in	1"-14	1.171 in	Heli-Coil	1	4EWR8	_
	1½ in	1 1/32 in	1"-14	1.186 in	Heli-Coil	1	_	4EXL6
	11/8 in	1 5/32 in	1 1/8"-12	1.33 in		1	5WZJ6	
	11/8 in	1 %4 in	1 1/8"-12	1.319 in	Heli-Coil	100		4GDK5
1 1/8"-12	111/16 in	1 5/32 in	1 1/8"-12 1 1/8"-12 1 1/8"-12 1 1/8"-12	1.33 in		1	5WZJ7	
	111/16 in	1 5/32 in	1 1/8"-12	1.319 in	Heli-Coil	1	4EWR4	
	111/16 in	1 %4 in	1 1/8"-12	1.319 in	Heli-Coil	100		4GDK6
	11/4 in	1 %2 in	1 1/4"-12	1.47 in		1	5WZJ8	FVACO
	11/4 in	1 9/32 in	1 1/4"-12	1.469 in		1		5XAC2
1 1/4"-12	1½ in 1½ in	1 ¹⁷ / ₆₄ in 1 ⁹ / ₃₂ in	1 ½"-12 1 ½"-12	1.454 in 1.47 in	Heli-Coil	100	5WZJ9	4GDK7
1 74 - 12	1% in	1 9/32 in	1 1/4 - 12	1.469 in		1	344739	5XAC3
	178 in	1 932 in	1 ½"-12 1 ½"-12	1.454 in	Heli-Coil	1	4EWP9	JAMUJ
	1% in	1 17/64 in	1 1/4"-12	1.454 in	Heli-Coil	100	4LWI 5	4GDK8
1 3/8"-12	2½16 in	1 13/32 in	1 3/8"-12	1.593 in	Heli-Coil	1	4EWR9	40DK0
1 70 12	1½ in	1 17/32 in	1 1/4"-12	1.555 in	—	1	5WZK0	
	1½ in	1 17/32 in	1 1/2"-12	1.75 in 1.745 in		i	-	5XAC4
1 ½"-12	21/4 in	1 17/32 in	1 1/2"-12	1.727 in 1.727 in 12.4968 mm	Heli-Coil	1	4EWP4	
	21/4 in	1 33/64 in	1 ½"-12 1 ½"-12	1.727 in	Heli-Coil	100	_	4GDK9
	8 mm	8.30 mm	M8-1.00	12.4968 mm	_	10	5WZN0	5XAE0
M0 1 00	12 mm	8.30 mm	M8-1.00	12.4968 mm	_	10	5WZN1	5XAE1
M8-1.00	12 mm	21/64 in	M8-1.00	9.9822 mm	Heli-Coil	12	4EYL5	_
	16 mm	8.30 mm	M8-1.00	12.4968 mm	_	10	5WZN2	5XAE2
	10 mm	¹3∕₃₂ in	M10-1.00	12.4968 mm	_	10	5WZN6	
M10-1.00	15 mm	13/32 in	M10-1.00	12.4968 mm		10	5WZN7	
10110 1.00	15 mm	13/32 in	M10-1.00	12.2174 mm	Heli-Coil	12	4EYJ8	
	20 mm	13/32 in	M10-1.00	12.4968 mm		10	5WZN8	
M40 4 0F	10 mm	13/32 in	M10-1.25	12.6492 mm		10	5WZN9	5XAE6
M10-1.25	15 mm 15 mm	13/32 in 13/32 in	M10-1.25	12.6492 mm	Heli-Coil	10 12	5WZP0 4EYJ9	5XAE7
	10 IIIIII	31/64 in	M10-1.25	12.3698 mm 15.0114 mm	Hell-Coll	5	5WZP4	
	12 mm 18 mm	31/64 in	M12-1.25 M12-1.25	15.0114 mm		5	5WZP5	5XAF1
M12-1.25	18 mm	31/64 in	M12-1.25	14.6558 mm	Heli-Coil	6	4EYK2	JAAI I
	24 mm	31/64 in	M12-1.25	15.0114 mm	-	5	5WZP6	
	18 mm	0.488 in	M12-1.50	15.1892 mm		5	5WZP7	
M12-1.50	18 mm	31/64 in	M12-1.50	14.605 mm	Heli-Coil	6	4EYK3	
144450	21 mm	0.567 in	M14-1.50	17.2466 mm	_	5	5WZR1	5XAF5
M14-1.50	21 mm	9/16 in	M14-1.50 M14-1.50	16.891 mm	Heli-Coil	6	4EYK5	_
Nitronic 6	O Stainless	Steel						
	3/16 in	#7	#10-32	0.246 in	Heli-Coil	100	_	4GDL8
	%2 in	#7	#10-32	0.246 in	Heli-Coil	100	_	4GDN1
#10-32	3/8 in	#7	#10-32	0.246 in	Heli-Coil	100	4CZU9	4GDN2
	15/32 in	#7	#10-32 #10-32	0.246 in	Heli-Coil Heli-Coil	100	4CZV1	4GDN3
	9/16 in	#7	#10-32	0.246 in	Hell-Coll	100	4CZV2	4GDN4
1/1 00	1/4 in	G	1/4"-28 1/4"-28	0.316 in	Heli-Coil	100		4GDP4
1/4"-28	3/8 in	G G	1/4"-28	0.316 in	Heli-Coil	100		4GDP5 4GDP6
	½ in 5/16 in	21/64 in	5/16"-24	0.316 in 0.39 in	Heli-Coil Heli-Coil	100	=	4GDR8
5/16"-24	15/32 in	21/64 in	5/40"-24	0.39 in	Heli-Coil	100		4GDR9
716 -24	5/8 in	21/64 in	5/16"-24 5/16"-24	0.39 in	Heli-Coil	100		4GDT1
NPT	70 111	704 111	710 44	0.03 111	11011 0011	100	_	-7UD11
18-8 Stain	less Steel							
	17/64 in	W	1/8"-27	0.511 in		10	5WZK1	
1/8"-27	17/64 in	Ü	1/8"-27	0.499 in	Heli-Coil	12	4EYH6	
1/4"-18	25/64 in	33/64 in	1/4"-18	0.68 in	_	10	5WZK2	
3/8"-18	13/32 in	21/32 in	1/4"-18 3/8"-18	0.828 in	_	10	5WZK3	
1/2"-14	17/32 in	13/16 in	1/2"-14	1.035 in		5	5WZK4	

Screw Thread Insert Taps HeliCoil ERECOIL.



STI taps are oversized from standard taps to allow for the wire insert once installed. High-speed, steel intermediate (plug) lead taps cut threads to a precise dimension.

Note: Additional sizes are available; go to Grainger.com.

Size	Pitch	Thread Length	Shank Dia.	Overall Length	Pitch Dia. Limits	Mfr. Model	Brand	ltem No.
UNC								
#4	40	11/16 in	%4 in	2 in	H1	04CPB	Heli-Coil	4EYT8
#6	32	7⁄8 in	3/16 in	2 % in	H2	06CPB	Heli-Coil	4EYN1
#8	32	15/16 in	7∕32 in	2 3/8 in	H2	2CPB	Heli-Coil	4EYN3
1/4"	20	1 1/8 in	5/16 in	2 23/32 in	H2	4CPB	Heli-Coil	4EYN9
74	20	1 1/8 in	5/16 in	2 ²³ / ₃₂ in	H3	43045	Recoil	2G948
5/16"	18	1 1/4 in	3∕8 in	2 15/16 in	H3	5CPB	Heli-Coil	4EYU1
916	18	1 1/4 in	3/8 in	2 15/16 in	H3	43055	Recoil	2G950
3/8"	16	1 21/32 in	²³ / ₆₄ in	3 3/8 in	H3	6CPB	Heli-Coil	4EYT4
	16	1 21/32 in	²³ / ₆₄ in	3 5/32 in	H3	43065	Recoil	2G952
7/16"	14	1 21/32 in	²⁷ / ₆₄ in	3 37/64 in	H3	7CPB	Heli-Coil	4EYU7
1/2"	13	1 13/16 in	15/32 in	3 13/16 in	H3	8CPB	Heli-Coil	4EYN5
72	13	1 13/16 in	15/32 in	3 37/64 in	H3	43085	Recoil	2G954
5/8"	0.50mm	2 in	17/32 in	4 1/4 in	H3	43105	Recoil	2G956
9/8	0.50mm	2 in	37/64 in	4 1/4 in	H3	8187-10	Heli-Coil	4EYU3
3/4"	0.60mm	2 1/32 in	37/64 in	4 11/16 in	H3	43125	Recoil	2G958
	0.60mm	2 1/32 in	11/ ₁₆ in	4 11/16 in	H3	8187-12	Heli-Coil	4EYT1
7/8"	0.70mm	2 ½ in	51/64 in	5 1/8 in	H3	8187-14	Heli-Coil	4EYV1
1"	0.80mm	2 9/16 in	1 1/64 in	5 ¾ in	H4	8187-16	Heli-Coil	4EYR7
11/4"	1.00mm	3 in	1 7/32 in	6 3/8 in	H4	8187-20	Heli-Coil	4EYP8
13/6"	1 25mm	3 3/16 in	1 19/64 in	6 11/16 in	H6	8187-22	Heli-Coil	4FYR6



Size	Pitch	Thread Length	Shank Dia.	Overall Length	Pitch Dia. Limits	Mfr. Model	Brand	Item No.		
UNF				-						
#10	32	1 in	1/4 in	2 ½ in	H2	3FPB	Heli-Coil	4EYP4		
1/4"	28	1 1/8 in	5∕16 in	2 ²³ / ₃₂ in	H2	4FPB	Heli-Coil	4EYP1		
Metric Coarse										
M4	0.70mm	22.22 mm		60.32 mm	D6	2087-4	Heli-Coil	4EYX8		
M5	0.80mm	25.40 mm		64.00 mm	D7	2087-5	Heli-Coil	4EYY1		
M6 -	1.00mm	21.83 mm		71.83 mm	D3	45065	Recoil	2G960		
	1.00mm	28.58 mm	8.07 mm	69.06 mm	D3	4687-6	Heli-Coil	4EYY2		
M8	1.25mm	23.81 mm	10 mm	79.77 mm	D9	45085	Recoil	2G962		
IVIO	1.25mm	31.75 mm	9.68 mm	74.61 mm	D9	2087-8	Heli-Coil	4EYY8		
M12	1.75mm	30.16 mm		94.85 mm	D11	45125	Recoil	2G966		
IVI I Z	1.75mm	42.07 mm		91.28 mm	D11	4687-12	Heli-Coil	4EYW5		
M14	2.00mm	32.00 mm	12.50 mm	102.00 mm	D3	45145	Recoil	5WA95		
	2.00mm			102.39 mm	H3	4687-14	Heli-Coil	4EYW7		
M16 -	2.00mm	36.00 mm	14.00 mm	112.00 mm	D3	45165	Recoil	5WA97		
	2.00mm	50.80 mm	14.99 mm	107.95 mm	H3	4687-16	Heli-Coil	4EYW8		
M20	2.50mm	45.00 mm	19.00 mm	130.00 mm	D3	45205	Recoil	5WB11		
	2.50mm			124.62 mm	H4	4687-20	Heli-Coil	4EYX2		
M24	3.00mm	65.09 mm	22.76 mm	138.11 mm	D4	4687-24	Heli-Coil	4EYX3		
Metric I	Fine									
M14	1.50mm	46.04 mm			H3	5476-14	Heli-Coil	4EYW6		
	1.50mm	75.00 mm	12.50 mm	102.00 mm	D3	47145	Recoil	5WA93		