






手絞絲攻
Hand Taps

螺旋絲攻
Spiral Taps

先端絲攻
Pointed Taps

螺帽絲攻
Nut Taps




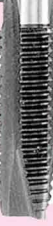



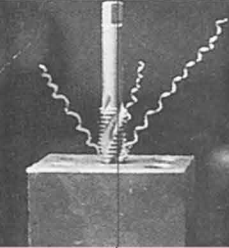

公制牙M	H.T			S.F.T.		P.O.T.		N.T SKS	
	SKS(支)	SKS(組)	SKH(支)	SKS(支)	SKH(支)	SKS(支)	SKH(支)	長(支)	短(支)
M 1 × 0.2			692.00		829.00		790.00		
" 1 × 0.25	102.00	306.00	494.00		592.00		564.00		
" 1.1 × 0.25			494.00		592.00		564.00		
" 1.2 × 0.2			647.00		776.00		740.00		
" 1.2 × 0.25	95.00	285.00	462.00		554.00		528.00		
M 1.4 × 0.2			551.00		660.00		628.00		
" 1.4 × 0.25			551.00		660.00		628.00		
" 1.4 × 0.3	78.00	234.00	393.00		527.00		470.00		
" 1.6 × 0.35	83.00	249.00	425.00		510.00		486.00		
" 1.7 × 0.2			499.00		598.00		570.00		
M 1.7 × 0.25			499.00		598.00		570.00		
" 1.7 × 0.3			499.00		598.00		570.00		
" 1.7 × 0.35	65.00	195.00	356.00		470.00		420.00		
" 1.8 × 0.35			386.00		463.00		441.00		
" 2 × 0.4	59.00	177.00	288.00		325.00		315.00		
M 2.3 × 0.4	69.00	207.00	269.00		317.00		295.00		
" 2.5 × 0.45	65.00	195.00	235.00		291.00		272.00		
" 2.6 × 0.45	57.00	171.00	205.00		237.00		232.00		113.00
" 3 × 0.35	85.00	255.00							
" 3 × 0.5*	43.00	129.00	146.00		196.00		193.00	150.00	100.00
M 3 × 0.6	43.00	129.00		83.00	196.00	83.00	193.00	150.00	100.00
" 3.5 × 0.35	81.00	243.00							
" 3.5 × 0.6	52.00	156.00		88.00	206.00		203.00	160.00	120.00
" 4 × 0.5	82.00	246.00			280.00		280.00		
" 4 × 0.7*	43.00	129.00	146.00		186.00		184.00	150.00	100.00
M 4 × 0.75	43.00	129.00			186.00		184.00	150.00	100.00
" 4.5 × 0.5	65.00	195.00							
" 4.5 × 0.75	54.00	162.00			234.00		230.00	200.00	140.00
" 5 × 0.5	61.00	183.00			280.00		280.00		
" 5 × 0.75	76.00	228.00			308.00		308.00		
M 5 × 0.8*	46.00	138.00	149.00	83.00	190.00		184.00	170.00	115.00
" 5 × 0.9	46.00	138.00			190.00	83.00	184.00	170.00	115.00
" 5.5 × 0.5	75.00	225.00							
" 5.5 × 0.75	88.00	264.00	*SKH(組)						

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Nut Taps







公制牙M	H.T			S.F.T.		P.O.T.		N.T SKS	
	SKS(支)	SKS(組)	SKH(支)	SKS(支)	SKH(支)	SKS(支)	SKH(支)	長(支)	短(支)
M 5.5 × 0.9	64.00	192.00		86.00	242.00	86.00	242.00	200.00	160.00
" 6 × 0.5	93.00	279.00							
" 6 × 0.75	67.00	201.00			280.00		280.00		
" 6 × 1.0*	50.00	150.00	166.00		201.00		199.00	185.00	130.00
" 7 × 0.5	134.00	402.00							
M 7 × 0.75	103.00	309.00			320.00				
" 7 × 1.0	86.00	258.00			267.00		260.00	275.00	190.00
" 7 × 1.25	141.00	423.00							
" 8 × 0.5	206.00	618.00							
" 8 × 0.75	148.00	444.00			420.00		420.00		210.00
M 8 × 1.0	103.00	309.00		170.00	368.00	170.00	360.00		210.00
" 8 × 1.25*	77.00	231.00	205.00		275.00		265.00	275.00	190.00
" 8 × 1.5	142.00	426.00							
" 9 × 0.5	372.00	1,116.00							
" 9 × 0.75	267.00	801.00							
M 9 × 1.0	184.00	552.00			490.00		480.00		
" 9 × 1.25	115.00	345.00		200.00	436.00	200.00	436.00	340.00	240.00
" 9 × 1.5	202.00	606.00							
" 10 × 0.5	267.00	801.00							
" 10 × 0.75	193.00	579.00							
M 10 × 1.0	122.00	366.00			510.00		495.00		260.00
" 10 × 1.25*	99.00	297.00	260.00		365.00	152.00	355.00	370.00	240.00
" 10 × 1.5*	99.00	297.00	260.00		365.00	152.00	355.00	370.00	240.00
" 11 × 0.5	403.00	1,209.00							
" 11 × 0.75	291.00	873.00							
M 11 × 1.0	192.00	576.00							
" 11 × 1.25	146.00	438.00							
" 11 × 1.5	146.00	438.00							
" 12 × 0.5	340.00	1,020.00							
" 12 × 0.75	261.00	783.00							
M 12 × 1.0	167.00	501.00			592.00		592.00		445.00
" 12 × 1.25*	142.00	426.00	375.00		490.00	260.00	490.00		370.00
" 12 × 1.5*	142.00	426.00	375.00	260.00	490.00	260.00	490.00	570.00	370.00
" 12 × 1.75*	142.00	426.00	375.00		490.00	260.00	490.00	570.00	370.00
" 13 × 1.0	247.00	741.00	*SKH(組)						

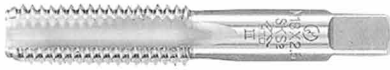
手絞絲攻
Hand Taps

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先端絲攻
Pointed Taps

螺帽絲攻
Nut Taps

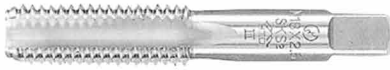
公制牙M	H.T			S.F.T.		P.O.T.		N.T SKS	
	SKS(支)	SKS(組)	SKH(支)	SKS(支)	SKH(支)	SKS(支)	SKH(支)	長(支)	短(支)
M 13 × 1.25	247.00	741.00							
" 13 × 1.5	247.00	741.00							
" 13 × 1.75	270.00	810.00							
" 14 × 1.0	209.00	627.00		370.00	837.00		837.00		
" 14 × 1.25*	206.00	618.00	600.00		819.00		780.00		580.00
M 14 × 1.5*	184.00	552.00	503.00	350.00	654.00	320.00	640.00	810.00	530.00
" 14 × 1.75	206.00	618.00							
" 14 × 2.0*	184.00	552.00	503.00	350.00	654.00	320.00	640.00	810.00	530.00
" 15 × 1.0	320.00	960.00			1,596.00		1,484.00		
" 15 × 1.5	320.00	960.00			1,214.00		1,190.00		
M 15 × 2.0	320.00	960.00							
" 16 × 1.0	311.00	933.00			1,140.00		1,060.00		
" 16 × 1.25	311.00	933.00			1,140.00		1,060.00		
" 16 × 1.5*	260.00	780.00	725.00	500.00	867.00	470.00	850.00	1,055.00	675.00
" 16 × 2.0*	260.00	780.00	725.00		867.00		850.00	1,055.00	675.00
M 17 × 1.0	366.00	1,098.00							
" 17 × 1.5	366.00	1,098.00							
" 17 × 2.0	390.00	1,170.00							
" 18 × 1.0	413.00	1,239.00			1,846.00		1,796.00		
" 18 × 1.5*	359.00	1,077.00	898.00		1,188.00		1,158.00		880.00
M 18 × 2.0	368.00	1,104.00		620.00	1,375.00		1,307.00		880.00
" 18 × 2.5*	359.00	1,077.00	898.00	570.00	1,188.00		1,158.00		880.00
" 19 × 1.0	459.00	1,377.00							
" 19 × 1.5	421.00	1,263.00							
" 19 × 2.5	421.00	1,263.00							
M 20 × 0.5	1,057.00	3,171.00							
" 20 × 1.0	504.00	1,512.00			2,106.00		2,066.00		
" 20 × 1.5*	430.00	1,290.00	1,075.00		1,601.00		1,560.00		
" 20 × 2.0	441.00	1,323.00		858.00	1,860.00		1,840.00		
" 20 × 2.5*	430.00	1,290.00	1,075.00		1,601.00		1,560.00		
M 22 × 1.0	616.00	1,848.00			2,696.00		2,646.00		
" 22 × 1.5*	526.00	1,578.00	1,315.00		2,062.00		2,062.00		
" 22 × 2.0	539.00	1,617.00		1,350.00	2,410.00		2,410.00		
" 22 × 2.5*	526.00	1,578.00	1,315.00		2,062.00		2,062.00		
" 24 × 1.0	785.00	2,355.00	*SKH(組)						



手絞絲攻
Hand Taps

螺旋絲攻 先端絲攻
Spiral Taps Pointed Taps

公制牙M	H.T			S.F.T.	P.O.T.
	SKS(支)	SKS(組)	SKH(支)	SKH(支)	SKH(支)
M 24 × 1.5*	683.00	2,049.00	1,708.00	2,720.00	2,720.00
" 24 × 2.0	701.00	2,103.00	1,880.00	3,100.00	3,050.00
" 24 × 3.0*	683.00	2,049.00	1,708.00	2,720.00	2,720.00
" 25 × 1.0	1,079.00	3,237.00			
" 25 × 1.5	768.00	2,304.00	2,170.00	4,320.00	4,320.00
M 25 × 2.0	768.00	2,304.00		4,320.00	4,320.00
" 26 × 1.0	1,090.00	3,270.00			
" 26 × 1.5	835.00	2,505.00	2,350.00	3,410.00	3,410.00
" 26 × 2.0	835.00	2,505.00		3,410.00	3,410.00
" 26 × 3.0	835.00	2,505.00		3,410.00	3,410.00
M 27 × 1.0	1,020.00	3,060.00			
" 27 × 1.5	930.00	2,790.00	2,850.00	3,640.00	3,640.00
" 27 × 2.0	930.00	2,790.00			
" 27 × 3.0	930.00	2,790.00	2,650.00	3,640.00	3,640.00
" 28 × 1.0	990.00	2,970.00		4,920.00	4,920.00
M 28 × 1.5	980.00	2,940.00		4,610.00	4,610.00
" 28 × 2.0	980.00	2,940.00		4,610.00	4,610.00
" 30 × 1.0	1,250.00	3,750.00		5,820.00	5,820.00
" 30 × 1.5	982.00	2,946.00	3,420.00	4,490.00	4,490.00
" 30 × 2.0	982.00	2,946.00	3,420.00	4,742.00	4,742.00
M 30 × 3.0	982.00	2,946.00	3,420.00	4,742.00	4,742.00
" 30 × 3.5	982.00	2,946.00	3,120.00	4,490.00	4,490.00
" 32 × 1.0	2,600.00	7,800.00		7,490.00	7,490.00
" 32 × 1.5	2,260.00	6,780.00	5,050.00	5,760.00	5,760.00
" 32 × 2.0	2,260.00	6,780.00	5,050.00	5,760.00	5,760.00
M 32 × 3.0	2,260.00	6,780.00	5,050.00	5,760.00	5,760.00
" 33 × 1.5	2,420.00	7,260.00	5,050.00	5,940.00	5,940.00
" 33 × 2.0	2,550.00	7,650.00		7,130.00	7,130.00
" 33 × 3.0	2,420.00	7,260.00	5,320.00	7,130.00	7,130.00
" 33 × 3.5	2,420.00	7,260.00	5,050.00	5,850.00	5,850.00
M 34 × 1.0	2,910.00	8,730.00		8,350.00	8,350.00
" 34 × 1.5	2,640.00	7,920.00	5,870.00	7,130.00	7,130.00
" 34 × 2.0	2,640.00	7,920.00	5,870.00	7,130.00	7,130.00
" 34 × 3.0	2,640.00	7,920.00	5,870.00	7,130.00	7,130.00



手絞絲攻
Hand Taps





螺旋絲攻 先端絲攻
Spiral Taps Pointed Taps

公制牙M	H.T			S.F.T.	P.O.T.
	SKS(支)	SKS(組)	SKH(支)	SKH(支)	SKH(支)
M 35 × 1.5	2,690.00	8,070.00	6,080.00	7,425.00	7,425.00
" 35 × 2.0	2,690.00	8,070.00	6,080.00	7,730.00	7,730.00
" 35 × 3.0	2,690.00	8,070.00	6,080.00	7,730.00	7,730.00
" 36 × 1.5	2,750.00	8,250.00	5,750.00	6,450.00	6,450.00
" 36 × 2.0	2,750.00	8,250.00	5,750.00	6,250.00	6,250.00
" 36 × 3.0	2,750.00	8,250.00	5,750.00	6,250.00	6,250.00
M 36 × 4.0	2,750.00	8,250.00	5,550.00	6,450.00	6,450.00
" 38 × 1.5	2,970.00	8,910.00	6,300.00	7,830.00	7,830.00
" 38 × 2.0	3,030.00	9,090.00	6,900.00	7,830.00	7,830.00
" 38 × 3.0	3,030.00	9,090.00	6,900.00	8,820.00	8,820.00
" 38 × 4.0	3,030.00	9,090.00	6,900.00	8,820.00	8,820.00
" 39 × 1.5	3,080.00	9,240.00	6,600.00	8,080.00	8,080.00
M 39 × 2.0	3,220.00	9,660.00	7,050.00	8,080.00	8,080.00
" 39 × 3.0	3,220.00	9,660.00	7,050.00	8,080.00	8,080.00
" 39 × 4.0	3,080.00	9,240.00	6,600.00	8,080.00	8,080.00
" 40 × 1.5	3,390.00	10,170.00	7,150.00	8,700.00	8,700.00
" 40 × 2.0	3,390.00	10,170.00	7,600.00	9,800.00	9,800.00
" 40 × 3.0	3,390.00	10,170.00	7,600.00	9,800.00	9,800.00
M 40 × 4.0	3,390.00	10,170.00	7,150.00	8,700.00	8,700.00
" 42 × 1.5	3,710.00	11,130.00	8,100.00	9,710.00	9,710.00
" 42 × 2.0	3,710.00	11,130.00	8,560.00	10,940.00	10,940.00
" 42 × 3.0	3,710.00	11,130.00	8,560.00	10,940.00	10,940.00
" 42 × 4.0	3,710.00	11,130.00	8,560.00	10,940.00	10,940.00
" 42 × 4.5	3,710.00	11,130.00	8,100.00	9,710.00	9,710.00
M 45 × 1.5	4,330.00	12,990.00	9,040.00	10,970.00	10,970.00
" 45 × 2.0	4,330.00	12,990.00	9,670.00	12,360.00	12,360.00
" 45 × 3.0	4,330.00	12,990.00	9,670.00	12,360.00	12,360.00
" 45 × 4.0	4,150.00	12,450.00	9,670.00	12,360.00	12,360.00
" 45 × 4.5	4,150.00	12,450.00	9,040.00	10,970.00	10,970.00
" 48 × 1.5	5,270.00	15,810.00	11,380.00	14,000.00	14,000.00
M 48 × 2.0	5,500.00	16,500.00	12,100.00	15,790.00	15,790.00
" 48 × 4.0	5,500.00	16,500.00	12,100.00	15,790.00	15,790.00
" 48 × 5.0	5,270.00	15,810.00	11,380.00	14,000.00	14,000.00
" 52 × 4.0				19,800.00	19,800.00
" 56 × 5.5				22,600.00	22,600.00
" 64 × 6.0				30,480.00	30,480.00

手絞絲攻
Hand Taps

螺旋絲攻
Spiral Taps

先端絲攻
Pointed Taps

UNF牙 美制細牙	H.T		S.F.T.		P.O.T.
	SKS(支)	SKS(組)	SKS(支)	SKH(支)	SKH(支)
NO. 0 - 80 UNF	 121.00	363.00			
" 1 - 72 "	102.00	306.00			
" 2 - 64 "	95.00	285.00			
" 3 - 56 "	88.00	264.00			
" 4 - 48 "	83.00	249.00		225.00	216.00
NO. 5 - 44 UNF	60.00	180.00		216.00	208.00
" 6 - 40 "	50.00	150.00		214.00	205.00
" 8 - 36 "	50.00	150.00		214.00	205.00
" 10 - 32 "	52.00	156.00		220.00	210.00
" 12 - 28 "	60.00	180.00		225.00	216.00
1/8 - 44 UNF	65.00	195.00			
5/32 - 36 "	65.00	195.00			
3/16 - 32 "	60.00	180.00		225.00	216.00
7/32 - 32 "	110.00	330.00			
1/4 - 28 "	71.00	213.00		230.00	218.00
5/16 - 24 UNF	83.00	249.00		303.00	279.00
3/8 - 18 UNS	106.00	318.00			
3/8 - 24 UNF	106.00	318.00	230.00	370.00	337.00
7/16 - 20 "	146.00	438.00		475.00	465.00
1/2 - 20 "	167.00	501.00	340.00	570.00	557.00
9/16 - 18 UNF	228.00	684.00		840.00	826.00
9/16 - 20 UNS	287.00	861.00			
5/8 - 18 UNF	240.00	720.00	520.00	886.00	872.00
5/8 - 20 UNS	304.00	912.00			
3/4 - 16 UNF	359.00	1,077.00	795.00	1,357.00	1,312.00
7/8 - 14 UNF	478.00	1,434.00		2,100.00	2,034.00
1 - 12 "	610.00	1,830.00		3,010.00	2,920.00
1 - 14 UNS	690.00	2,070.00			
1 1/8 - 12 UNF	1,032.00	3,096.00		4,498.00	4,498.00
1 1/4 - 12 "	1,309.00	3,927.00		5,286.00	5,286.00
1 3/8 - 12 UNF	1,520.00	4,560.00		6,690.00	6,690.00
1 1/2 - 12 "	2,049.00	6,147.00		8,235.00	8,235.00
1 3/4 - 12 "	4,130.00	12,390.00			
1 7/8 - 12 "	4,790.00	14,370.00			
2 - 12 "	6,090.00	18,270.00			

手絞絲攻
Hand Taps

螺旋絲攻 先端絲攻 螺帽絲攻
Spiral Taps Pointed Taps Nut Taps

UNC 牙 美制粗牙	H.T			S.F.T.	P.O.T.	N.T(短)
	SKS(支)	SKS(組)	SKH(支)	SKH(支)	SKH(支)	SKS(支)
NO.1 -64 UNC	102.00	306.00				
" 2 -56 "	92.00	276.00		390.00	390.00	
" 3 -48 "	86.00	258.00				
" 4 -40 "	83.00	249.00		225.00	216.00	
" 5 -40 "	60.00	180.00		216.00	208.00	
NO.6 -32 UNC	50.00	150.00		214.00	205.00	
" 8 -32 "	50.00	150.00		214.00	205.00	
" 10 -24 "	52.00	156.00		220.00	210.00	
" 12 -24 "	60.00	180.00		225.00	216.00	
1/8 -40 "	65.00	195.00				
3/16 -24 UNC	60.00	180.00				
1/4 -20 "	71.00	213.00	178.00	230.00	218.00	165.00
5/16 -18 "	83.00	249.00	193.00	303.00	279.00	200.00
3/8 -16 "	106.00	318.00	234.00	370.00	337.00	245.00
7/16 -14 "	146.00	438.00		475.00	465.00	
1/2 -13 UNC	167.00	501.00	411.00	570.00	557.00	
9/16 -12 "	228.00	684.00		840.00	826.00	
5/8 -11 "	240.00	720.00	671.00	886.00	872.00	
3/4 -10 "	359.00	1,077.00	968.00	1,357.00	1,312.00	
7/8 -9 "	478.00	1,434.00		2,100.00	2,034.00	
1 -8 UNC	610.00	1,830.00		3,010.00	2,920.00	
1 1/8 -7 "	1,032.00	3,096.00				
1 1/4 -7 "	1,309.00	3,927.00				
1 3/8 -6 "	1,520.00	4,560.00				
1 1/2 -6 "	2,049.00	6,147.00				
1 3/4 -5 UNC	4,130.00	12,390.00				
2 -4 1/2 "	6,090.00	18,270.00				

手絞絲攻
Hand Taps

螺旋絲攻
Spiral Taps

先端絲攻
Pointed Taps

螺帽絲攻
Nut Taps

英制牙W	H.T			S.F.T.		P.O.T.		N.T SKS	
	SKS(支)	SKS(組)	SKH(支)	SKS(支)	SKH(支)	SKS(支)	SKH(支)	長(支)	短(支)
W 1/16 - 60	203.00	609.00							
" 3/32 - 48	158.00	474.00							
" 1/8 - 40	49.00	147.00	148.00	90.00	203.00	90.00	196.00	170.00	130.00
" 5/32 - 32	49.00	147.00	148.00		203.00	90.00	196.00	170.00	130.00
W 3/16 - 24	51.00	153.00	156.00		196.00	90.00	192.00	170.00	150.00
" 7/32 - 24	116.00	348.00			291.00		291.00		
" 1/4 - 20	57.00	171.00	178.00		249.00		224.00	210.00	180.00
" 5/16 - 18	67.00	201.00	193.00		328.00		318.00	310.00	225.00
W 3/8 - 16	84.00	252.00	234.00		395.00	170.00	385.00	355.00	270.00
" 7/16 - 14	125.00	375.00		218.00	479.00	218.00	469.00	382.00	350.00
" 1/2 - 12	145.00	435.00	411.00		658.00	284.00	638.00	570.00	470.00
" 9/16 - 12	227.00	681.00		437.00	1,020.00	437.00	1,000.00		
W 5/8 - 11	227.00	681.00	671.00		1,020.00	437.00	1,000.00	1,055.00	765.00
" 11/16 - 11	345.00	1,035.00							
" 3/4 - 10	314.00	942.00	968.00		1,544.00	640.00	1,500.00	1,410.00	1,155.00
" 13/16 - 10		1,353.00							
W 7/8 - 9	440.00	1,320.00	1,320.00		2,390.00		2,320.00		
" 15/16 - 9		2,493.00							
" 1 - 8	600.00	1,800.00	1,760.00		3,426.00		3,330.00		
" 1 1/8 - 7	933.00	2,799.00			4,693.00		4,510.00		
W 1 1/4 - 7	1,161.00	3,483.00			5,773.00		5,550.00		
" 1 3/8 - 6	1,426.00	4,278.00			7,791.00		7,500.00		
" 1 1/2 - 6	1,814.00	5,442.00			9,357.00		9,250.00		
" 1 5/8 - 5	2,990.00	8,970.00							
W 1 3/4 - 5	3,590.00	10,770.00			14,080.00				
" 1 7/8 - 4 1/2	4,420.00	13,260.00							
" 2 - 4 1/2	5,620.00	16,860.00			21,720.00				



美制特細牙 · 手紋絲攻 · 螺旋絲攻 · 牙板

Hand Taps · Spiral Fluted Taps · Round Dies

UNEF牙	H.T SKS(支)	H.T SKS(組)	SFT.SKH(支)	25徑SKS(只)	50徑SKS(只)
UNEF 1/4 - 32	146.00	438.00	271.00	500.00	
" 5/16 - 32	150.00	450.00	349.00	500.00	
" 3/8 - 32	157.00	471.00	422.00	500.00	1,300.00
" 7/16 - 24	193.00	579.00	630.00		1,300.00
" 7/16 - 28	203.00	609.00	655.00		1,300.00
UNEF 7/16 - 32	222.00	666.00	676.00		1,300.00
UNS 1/2 - 24	221.00	663.00	870.00		1,300.00
UNEF 1/2 - 28	239.00	717.00	905.00		1,300.00
" 1/2 - 32	254.00	762.00	932.00		1,300.00
" 9/16 - 24	280.00	840.00	1,390.00		1,300.00
UNEF 5/8 - 24	320.00	960.00	1,463.00		1,400.00
" 3/4 - 20	463.00	1,389.00	2,180.00		1,400.00
" 7/8 - 20	620.00	1,860.00	3,360.00		1,400.00
" 1 - 20	814.00	2,442.00	4,820.00		1,400.00

針車牙 · 手紋 · 螺旋 · 先端 · 長柄絲攻 · 牙板

Taps & Round Dies for Screw Threads used on Sewing Machines

針車牙SM	SKS (支)	SKH長柄 (支)	SFT.SKH (支)	POT.SKH (支)	牙板25徑 SKS(只)
SM 5/64 - 64	190.00				
" 3/32 - 56	89.00		428.00	428.00	
" 3/32 - 100	149.00				
" 1/8 - 40	49.00		356.00	356.00	500.00
" 1/8 - 44	49.00		356.00	356.00	500.00
SM 9/64 - 40	49.00		262.00	262.00	500.00
" 9/64 - 40-100L	218.00	515.00			
" 11/64 - 32	110.00				500.00
" 11/64 - 40	54.00		262.00	262.00	500.00
" 11/64 - 40-100L	218.00	515.00			
SM 3/16 - 24	84.00				500.00
" 3/16 - 28	84.00		311.00	311.00	500.00
" 3/16 - 28-110L	280.00	465.00			
" 3/16 - 40	107.00				500.00
" 13/64 - 32	84.00		443.00	443.00	500.00
SM 15/64 - 28	84.00		311.00	311.00	500.00
" 15/64 - 28-120L	305.00				
" 1/4 - 24	84.00		375.00	375.00	500.00
" 1/4 - 28	84.00		398.00	398.00	500.00
" 1/4 - 40	107.00		423.00	423.00	500.00
SM 9/32 - 20	85.00		457.00	457.00	500.00
" 9/32 - 28	85.00		457.00	457.00	500.00
" 9/32 - 28-120L	350.00				
" 5/16 - 28	159.00				500.00
" 3/8 - 28	159.00		595.00	595.00	500.00
" 3/8 - 28-180L	595.00(d7)				
" 3/8 - 28-180L	595.00(d8)				

特殊用途鋒鋼螺旋・先端絲攻

Spiral Fluted Taps & Spiral Pointed Taps for Special Purpose

高耐磨專用

TiN Coating

不鏽鋼專用

for SUS

深孔專用

for Deep Holes

非鐵金屬專用

for Non-Ferrous Metals

規 格	鍍鈦SFT・POT	SUS-SFT・POT	DH-SFT・POT	鋁・銅SFT・POT
M 2 × 0.4	408.00	342.00	342.00	342.00
" 2.5 × 0.45	365.00	306.00	306.00	306.00
" 2.6 × 0.45	298.00	250.00	250.00	250.00
" 3 × 0.5	246.00	204.00	204.00	204.00
" 3.5 × 0.6	260.00	225.00	225.00	225.00
M 4 × 0.7	235.00	196.00	196.00	196.00
" 5 × 0.8	238.00	200.00	200.00	200.00
" 6 × 1.0	252.00	212.00	212.00	212.00
" 8 × 1.0	462.00	383.00	383.00	383.00
" 8 × 1.25	345.00	290.00	290.00	290.00
M 10 × 1.0	640.00	525.00	525.00	525.00
" 10 × 1.25	458.00	380.00	380.00	380.00
" 10 × 1.5	458.00	380.00	380.00	380.00
" 12 × 1.0	743.00	617.00	617.00	617.00
" 12 × 1.25	615.00	515.00	515.00	515.00
M 12 × 1.5	615.00	515.00	515.00	515.00
" 12 × 1.75	615.00	515.00	515.00	515.00
" 14 × 1.0	1,050.00	863.00	863.00	863.00
" 14 × 1.5	820.00	680.00	680.00	680.00
" 14 × 2.0	820.00	680.00	680.00	680.00
M 16 × 1.0	1,430.00	1,169.00	1,169.00	1,169.00
" 16 × 1.5	1,090.00	896.00	896.00	896.00
" 16 × 2.0	1,090.00	896.00	896.00	896.00
" 18 × 1.5	1,490.00	1,245.00	1,245.00	1,245.00
" 18 × 2.5	1,490.00	1,245.00	1,245.00	1,245.00
M 20 × 1.5	2,020.00	1,680.00	1,680.00	1,680.00
" 20 × 2.5	2,020.00	1,680.00	1,680.00	1,680.00
" 22 × 1.5	2,620.00	2,240.00	2,240.00	2,240.00
" 22 × 2.5	2,620.00	2,240.00	2,240.00	2,240.00
" 24 × 1.5	3,540.00	2,860.00	2,860.00	2,860.00
M 24 × 3.0	3,540.00	2,860.00	2,860.00	2,860.00
W 1/8 - 40	262.00	215.00	215.00	215.00
" 5/32 - 32	262.00	215.00	215.00	215.00
" 3/16 - 24	250.00	210.00	210.00	210.00

特殊用途鋒鋼螺旋・先端絲攻

Spiral Fluted Taps & Spiral Pointed Taps for Special Purpose

高耐磨專用

TiN Coating

不鏽鋼專用

for SUS

深孔專用

for Deep Holes

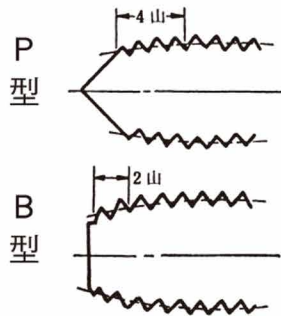
非鐵金屬專用

for Non-Ferrous Metals

規 格	鍍鈦SFT・POT	SUS-SFT・POT	DH-SFT・POT	鋁・銅SFT・POT
W 1/4 - 20	320.00	265.00	265.00	265.00
" 5/16 - 18	425.00	346.00	346.00	346.00
" 3/8 - 16	510.00	416.00	416.00	416.00
" 1/2 - 12	846.00	698.00	698.00	698.00
" 5/8 - 11	1,330.00	1,090.00	1,090.00	1,090.00
W 3/4 - 10	2,000.00	1,640.00	1,640.00	1,640.00
" 7/8 - 9	3,030.00	2,530.00	2,530.00	2,530.00
" 1 - 8	4,350.00	3,650.00	3,650.00	3,650.00
UNC 2 - 56	500.00	408.00	408.00	408.00
" 4 - 40	290.00	243.00	243.00	243.00
UNC 6 - 32	275.00	230.00	230.00	230.00
" 8 - 32	275.00	230.00	230.00	230.00
" 10 - 24	285.00	242.00	242.00	242.00
" 12 - 24	290.00	247.00	247.00	247.00
" 1/4 - 20	295.00	246.00	246.00	246.00
UNC 5/16 - 18	390.00	321.00	321.00	321.00
" 3/8 - 16	475.00	391.00	391.00	391.00
" 1/2 - 13	730.00	610.00	610.00	610.00
" 5/8 - 11	1,155.00	956.00	956.00	956.00
" 3/4 - 10	1,760.00	1,453.00	1,453.00	1,453.00
UNC 7/8 - 9	2,665.00	2,240.00	2,240.00	2,240.00
" 1 - 8	3,825.00	3,234.00	3,234.00	3,234.00
UNF 8 - 36	275.00	236.00	236.00	236.00
" 10 - 32	285.00	242.00	242.00	242.00
" 12 - 28	290.00	247.00	247.00	247.00
UNF 3/16 - 32	290.00	240.00	240.00	240.00
" 1/4 - 28	295.00	246.00	246.00	246.00
" 5/16 - 24	390.00	321.00	321.00	321.00
" 3/8 - 24	475.00	391.00	391.00	391.00
" 1/2 - 20	730.00	610.00	610.00	610.00
UNF 5/8 - 18	1,155.00	956.00	956.00	956.00
" 3/4 - 16	1,760.00	1,453.00	1,453.00	1,453.00
" 7/8 - 14	2,665.00	2,240.00	2,240.00	2,240.00
" 1 - 12	3,825.00	3,234.00	3,234.00	3,234.00

無屑絲攻

Fluteless Taps



P型 絲攻先端導角部是4山，且還是完全牙山。

貫通牙孔時，或牙孔底尚有充裕可供攻牙時選用。

B型 絲攻先端導角部是2山，且還是完全牙山。

不貫通牙孔時，或牙孔底沒有充裕可供攻牙時選用。



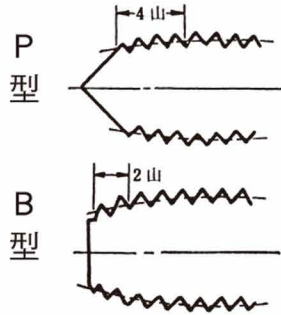
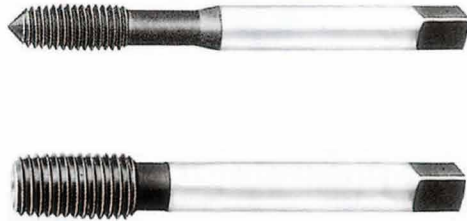
* 鑽頭孔徑對照表請參考P245

規格	精度	HSSCo8(高鈷高速鋼)			HSS-PM(粉末高速鋼)		
		P·B型(支)	TiN鍍膜(支)	N鍍膜(支)	P·B型(支)	TiN鍍膜(支)	N鍍膜(支)
M 1 × 0.25	F4	430.00	472.00	519.00	473.00	515.00	566.00
" 1 × 0.25	F5	430.00	472.00	519.00	473.00	515.00	566.00
" 1.2 × 0.25	F4	372.00	414.00	464.00	409.00	451.00	512.00
" 1.2 × 0.25	F5	372.00	414.00	464.00	409.00	451.00	512.00
" 1.4 × 0.3	F4	341.00	383.00	431.00	375.00	417.00	475.00
M 1.4 × 0.3	F5	341.00	383.00	431.00	375.00	417.00	475.00
" 1.6 × 0.35	F4	326.00	368.00	414.00	359.00	401.00	456.00
" 1.6 × 0.35	F5	326.00	368.00	414.00	359.00	401.00	456.00
" 1.7 × 0.35	F3	326.00	368.00	414.00	359.00	401.00	456.00
" 1.7 × 0.35	F4	326.00	368.00	414.00	359.00	401.00	456.00
M 2 × 0.4	F3	278.00	320.00	362.00	306.00	348.00	399.00
" 2 × 0.4	F4	278.00	320.00	362.00	306.00	348.00	399.00
" 2 × 0.4	F5	278.00	320.00	362.00	306.00	348.00	399.00
" 2.3 × 0.4	F5	319.00	361.00	408.00	352.00	394.00	448.00
" 2.5 × 0.45	F4	264.00	306.00	347.00	290.00	332.00	382.00
M 2.5 × 0.45	F5	264.00	306.00	347.00	290.00	332.00	382.00
" 2.5 × 0.45	F6	264.00	306.00	347.00	290.00	332.00	382.00
" 2.6 × 0.45	F5	258.00	300.00	341.00	284.00	326.00	375.00
" 2.6 × 0.45	F6	258.00	300.00	341.00	284.00	326.00	375.00
" 3 × 0.5	F5	213.00	255.00	292.00	236.00	278.00	322.00
M 3 × 0.5	F6	213.00	255.00	292.00	236.00	278.00	322.00
" 3 × 0.5	F7	213.00	255.00	292.00	236.00	278.00	322.00
" 3.5 × 0.6	F5	223.00	265.00	304.00	246.00	288.00	334.00
" 4 × 0.7	F6	229.00	271.00	310.00	253.00	295.00	341.00
" 4 × 0.7	F7	229.00	271.00	310.00	253.00	295.00	341.00
M 4 × 0.7	F8	229.00	271.00	310.00	253.00	295.00	341.00
" 5 × 0.8	F6	242.00	284.00	330.00	267.00	309.00	363.00
" 5 × 0.8	F7	242.00	284.00	330.00	267.00	309.00	363.00
" 6 × 1.0	F7	260.00	302.00	351.00	288.00	330.00	385.00
" 6 × 1.0	F8	260.00	302.00	351.00	288.00	330.00	385.00

※型錄未刊載之規格與價格，敬請另外洽詢。

無屑絲攻

Fluteless Taps



絲攻先端導角部是4山，且還是完全牙山。

貫通牙孔時，或牙孔底尚有充裕可供攻牙時選用。

絲攻先端導角部是2山，且還是完全牙山。

不貫通牙孔時，或牙孔底沒有充裕可供攻牙時選用。



* 鑽頭孔徑對照表請參考P245

規格	精度	HSSCo8(高鈷高速鋼)			HSS-PM(粉末高速鋼)		
		P·B型(支)	TiN鍍膜(支)	N鍍膜(支)	P·B型(支)	TiN鍍膜(支)	N鍍膜(支)
M 8 × 1.25	F8	395.00	445.00	501.00	434.00	484.00	552.00
" 10 × 1.25	F8	448.00	506.00	571.00	493.00	551.00	630.00
" 10 × 1.5	F8	448.00	506.00	571.00	493.00	551.00	630.00
" 12 × 1.75	F8	701.00	776.00	869.00	772.00	847.00	957.00
UNF 0 - 80	F4	555.00	597.00	648.00	611.00	653.00	713.00
UNF 1 - 72	F4	444.00	486.00	536.00	490.00	532.00	592.00
" 10 - 32	F6	283.00	325.00	369.00	312.00	354.00	406.00
" 1/4 - 28	F6	305.00	355.00	398.00	336.00	386.00	439.00
" 5/16 - 24	F8	434.00	484.00	543.00	478.00	528.00	598.00
" 3/8 - 24	F8	518.00	576.00	623.00	571.00	629.00	688.00
UNC 1 - 64	F4	444.00	486.00	536.00	490.00	532.00	592.00
" 2 - 56	F4	371.00	413.00	463.00	408.00	450.00	510.00
" 4 - 40	F5	298.00	340.00	385.00	329.00	371.00	423.00
" 4 - 40	F6	298.00	340.00	385.00	329.00	371.00	423.00
" 5 - 40	F5	397.00	439.00	486.00	437.00	479.00	535.00
UNC 6 - 32	F5	241.00	283.00	323.00	265.00	307.00	355.00
" 6 - 32	F6	241.00	283.00	323.00	265.00	307.00	355.00
" 8 - 32	F6	264.00	306.00	347.00	290.00	332.00	382.00
" 10 - 24	F7	283.00	325.00	369.00	312.00	354.00	406.00
" 12 - 24	F7	294.00	336.00	386.00	324.00	366.00	425.00
UNC 1/4 - 20	F6	305.00	355.00	398.00	336.00	386.00	439.00
" 5/16 - 18	F8	434.00	484.00	543.00	478.00	528.00	598.00
" 3/8 - 16	F8	518.00	576.00	623.00	571.00	629.00	688.00

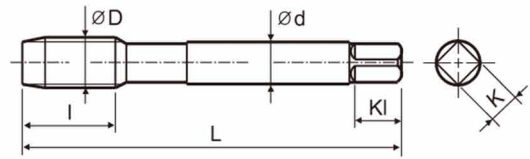
長柄無屑絲攻

Long Shank Fluteless Taps

規格	HSSCo8(高鈷高速鋼)		HSS-PM(粉末高速鋼)		規格	HSSCo8(高鈷高速鋼)		HSS-PM(粉末高速鋼)	
	P·B型	TiN鍍膜	P·B型	TiN鍍膜		P·B型	TiN鍍膜	P·B型	TiN鍍膜
M 3×0.5×100	710.00	782.00	746.00	818.00	M 6×1.0×100	855.00	927.00	898.00	970.00
" 4×0.7×100	735.00	807.00	772.00	844.00	UNC 4 - 40 - 100	950.00	1,022.00	998.00	1,070.00
" 5×0.8×100	830.00	902.00	872.00	944.00	" 6 - 32 - 100	920.00	992.00	966.00	1,038.00

鎂合金加工專用長柄機械絲攻

Long Shank Machine Taps for Magnesium Alloys



* 針對加工非鐵金屬合金所設計的切削刃角，切削性能更加優異。

直刃型(Straight Flute)

規 格	全長(L)	刃長(l)	柄徑(d)	四角寬(K)	四角長(KI)	刃數(N)	價(支)格
M 2 × 0.4	55	15	3	2.5	5	3	325.00
" 2.5 × 0.45	55	16	3	2.5	5	3	292.00
" 2.6 × 0.45	60	16	3	2.5	5	3	245.00
" 2 × 0.4	70	15	3	2.5	5	3	494.00
" 2.5 × 0.45	70	16	3	2.5	5	3	441.00
" 2.6 × 0.45	70	16	3	2.5	5	3	400.00
" 3 × 0.5	70	18	4	3.2	6	3	300.00

螺旋刃型(Spiral Flute)

規 格	全長(L)	刃長(l)	柄徑(d)	四角寬(K)	四角長(KI)	刃數(N)	價(支)格
M 2 × 0.4	80	15	3	2.5	5	3	624.00
" 2.5 × 0.45	80	16	3	2.5	5	3	591.00
" 2.6 × 0.45	80	16	3	2.5	5	3	553.00
" 3 × 0.5	80	18	4	3.2	6	3	495.00

材質編號		常用高速鋼成分表(%)					
歐美編號	日本編號	碳(C)	鉻(Cr)	鉬(Mo)	鎢(W)	鈷(Co)	鈮(V)
HSS(M2)	SKH9 · SKH51	0.9	4.2	5	6.4	—	1.8
HSS-EX	HSS-E	1.2	4.2	8.5	3.5	—	2.7
HSSCo5(M35)	SKH55	0.93	4.2	5	6.4	4.8	1.8
HSSCo8(M42)	SKH56	1.08	3.8	9.4	1.5	8	1.2
HSS-PM	PM	1.28	4.2	5	6.4	8.5	3

加大規格螺旋絲攻 · 先端絲攻

Oversize Spiral Fluted Taps & Spiral Pointed Taps



規 格	螺旋絲攻 S.F.T · 先端絲攻 P.O.T					
	+0.03	+0.05	+0.07	+0.1	+0.12	+0.15
M 2 × 0.4	430.00	430.00	460.00	460.00	552.00	552.00
" 2.5 × 0.45	382.00	382.00	413.00	413.00	496.00	496.00
" 2.6 × 0.45	323.00	323.00	348.00	348.00	418.00	418.00
" 3 × 0.5	257.00	257.00	278.00	278.00	334.00	334.00
" 3.5 × 0.6	293.00	293.00	316.00	316.00	379.00	379.00
" 4 × 0.7	244.00	244.00	263.00	263.00	316.00	316.00
M 5 × 0.8	249.00	249.00	268.00	268.00	322.00	322.00
" 6 × 1.0	264.00	264.00	284.00	284.00	341.00	341.00
" 8 × 1.25	361.00	361.00	388.00	388.00	466.00	466.00
" 10 × 1.25	478.00	478.00	515.00	515.00	618.00	618.00
" 10 × 1.5	478.00	478.00	515.00	515.00	618.00	618.00
" 12 × 1.5	640.00	640.00	689.00	689.00	827.00	827.00
M 12 × 1.75	640.00	640.00	689.00	689.00	827.00	827.00
" 14 × 1.5	854.00	854.00	920.00	920.00	1,104.00	1,104.00
" 14 × 2.0	854.00	854.00	920.00	920.00	1,104.00	1,104.00
" 16 × 1.5	1,132.00	1,132.00	1,220.00	1,220.00	1,464.00	1,464.00
" 16 × 2.0	1,132.00	1,132.00	1,220.00	1,220.00	1,464.00	1,464.00
W 3/16 – 24	258.00	258.00	280.00	280.00	336.00	336.00
W 1/4 – 20	328.00	328.00	352.00	352.00	422.00	422.00
" 5/16 – 18	432.00	432.00	465.00	465.00	558.00	558.00
" 3/8 – 16	520.00	520.00	558.00	558.00	670.00	670.00
" 1/2 – 12	861.00	861.00	930.00	930.00	1,116.00	1,116.00
UNC 2 – 56	527.00	527.00	570.00	570.00	684.00	684.00
" 4 – 40	305.00	305.00	320.00	320.00	384.00	384.00
UNC 6 – 32	283.00	283.00	306.00	306.00	367.00	367.00
" 8 – 32	283.00	283.00	306.00	306.00	367.00	367.00
" 10 – 24	292.00	292.00	314.00	314.00	377.00	377.00
" 1/4 – 20	328.00	328.00	352.00	352.00	422.00	422.00
" 5/16 – 18	432.00	432.00	465.00	465.00	558.00	558.00
" 3/8 – 16	520.00	520.00	558.00	558.00	670.00	670.00
UNC 1/2 – 13	861.00	861.00	930.00	930.00	1,116.00	1,116.00
UNF 10 – 32	292.00	292.00	314.00	314.00	377.00	377.00
" 1/4 – 28	328.00	328.00	352.00	352.00	422.00	422.00
" 5/16 – 24	432.00	432.00	465.00	465.00	558.00	558.00
" 3/8 – 24	520.00	520.00	558.00	558.00	670.00	670.00
" 1/2 – 20	861.00	861.00	930.00	930.00	1,116.00	1,116.00

鋒鋼長柄機械絲攻

Long Shank Machine Taps



長柄直刃型LHT



長柄螺旋刃型LSFT



長柄先端型LPOT

規 格	LHT(支)	LSFT.LPOT(支)	鍍膜LSFT.LPOT(支)
M 2×0.4 ×100	—	1,020.00	1,130.00
" 2.5×0.45×100	—	910.00	1,020.00
" 2.6×0.45× 85	667.00	—	—
" " 100	—	760.00	870.00
" 3×0.5 ×100	490.00	630.00	730.00
M 3×0.5 ×120	620.00	730.00	845.00
" 3.5×0.6 ×100	—	680.00	780.00
" 4×0.7 ×100	440.00	580.00	670.00
" " 120	565.00	728.00	833.00
" " 150	785.00	1,030.00	1,155.00
M 5×0.8 ×100	400.00	500.00	585.00
" " 120	525.00	676.00	771.00
" " 150	620.00	790.00	905.00
" 6×1.0 ×100	345.00	440.00	520.00
" " 120	435.00	645.00	735.00
M 6×1.0 ×150	575.00	840.00	950.00
" " 200	—	1,050.00	1,180.00
" 8×1.25×100	425.00	535.00	625.00
" " 120	535.00	756.00	856.00
" " 150	715.00	1,055.00	1,175.00
M 8×1.25×200	—	1,319.00	1,459.00
" 10×1.25×100	510.00	670.00	770.00
" " 120	615.00	888.00	1,003.00
" " 150	840.00	1,242.00	1,377.00
" 10×1.5 ×100	510.00	637.00	737.00
M 10×1.5 ×120	615.00	862.00	977.00
" " 150	840.00	1,242.00	1,377.00
" " 200	—	1,553.00	1,713.00
" 12×1.25×100	750.00	920.00	1,040.00
" " 120	890.00	1,220.00	1,355.00
M 12×1.25×150	1,100.00	1,750.00	1,910.00
" 12×1.5 ×100	730.00	900.00	1,020.00
" " 120	850.00	1,106.00	1,241.00
" " 150	1,090.00	1,612.00	1,772.00

鋒鋼長柄機械絲攻

Long Shank Machine Taps



長柄直刃型**LHT**



長柄螺旋刃型**LSFT**



長柄先端型**LPOT**

規 格	LHT(支)	LSFT.LPOT(支)	鍍膜LSFT.LPOT(支)
M 12×1.75×100	730.00	837.00	957.00
" " 120	850.00	1,072.00	1,207.00
" " 150	970.00	1,580.00	1,740.00
" " 200	—	1,975.00	2,165.00
" 14×1.0 ×100	950.00	—	—
M 14×1.5 ×100	830.00	—	—
" " 120	970.00	1,214.00	1,364.00
" " 150	1,390.00	1,860.00	2,035.00
" 14×2.0 ×100	830.00	—	—
" " 120	970.00	1,210.00	1,360.00
M 14×2.0 ×150	1,390.00	1,720.00	1,895.00
" " 200	—	2,150.00	1,915.00
" 16×1.5 ×120	1,210.00	1,740.00	2,360.00
" " 150	1,420.00	2,045.00	2,250.00
" " 200	1,860.00	2,355.00	2,605.00
M 16×2.0 ×120	1,210.00	1,698.00	1,873.00
" " 150	1,420.00	1,928.00	2,133.00
" " 200	1,860.00	2,355.00	2,605.00
" 18×1.5 ×150	2,060.00	2,385.00	2,615.00
" " 200	2,560.00	3,060.00	3,340.00
M 18×2.5 ×150	1,980.00	2,200.00	2,430.00
" " 200	2,560.00	3,060.00	3,340.00
" 20×1.5 ×150	2,520.00	2,960.00	3,225.00
" " 200	3,280.00	3,896.00	4,216.00
" 20×2.5 ×150	2,520.00	2,960.00	3,225.00
M 20×2.5 ×200	3,280.00	3,896.00	4,216.00
" 22×1.5 ×150	2,875.00	3,350.00	3,635.00
" " 200	3,520.00	4,210.00	4,560.00
" 22×2.5 ×150	2,875.00	3,350.00	3,635.00
" " 200	3,520.00	4,210.00	4,560.00
M 24×1.5 ×150	3,310.00	3,870.00	4,275.00
" " 200	4,070.00	4,865.00	5,270.00
" 24×3.0 ×150	3,310.00	3,870.00	4,275.00
" " 200	4,070.00	4,865.00	5,270.00

鋒鋼長柄機械絲攻

Long Shank Machine Taps



長柄直刃型**LHT**



長柄螺旋刃型**LSFT**



長柄先端型**LPOT**

規 格	LHT(支)	LSFT.LPOT(支)	鍍膜LSFT.LPOT(支)
W 1/8 - 40-100	770.00	910.00	1,010.00
" 5/32 - 32-100	690.00	835.00	925.00
" " 120	795.00	950.00	1,055.00
" " 150	1,110.00	1,380.00	1,505.00
" 3/16 - 24-100	630.00	730.00	815.00
W 3/16 - 24-120	760.00	885.00	980.00
" " -150	875.00	1,070.00	1,185.00
" 1/4 - 20-100	535.00	640.00	720.00
" " 120	680.00	835.00	925.00
" " 150	900.00	1,120.00	1,230.00
W 5/16 - 18-100	665.00	770.00	860.00
" " 120	835.00	980.00	1,080.00
" " 150	1,120.00	1,405.00	1,525.00
" 3/8 - 16-100	770.00	900.00	1,000.00
" " 120	965.00	1,110.00	1,225.00
W 3/8 - 16-150	1,300.00	1,655.00	1,790.00
" 1/2 - 12-100	1,030.00	1,120.00	1,240.00
" " 120	1,330.00	1,405.00	1,540.00
" " 150	1,705.00	2,135.00	2,295.00
" 5/8 - 11-120	1,720.00	-	-
W 5/8 - 11-150	2,210.00	2,705.00	2,910.00
" " 200	2,540.00	3,045.00	3,295.00
" 3/4 - 10-150	3,810.00	4,590.00	4,840.00
" " 200	4,660.00	5,330.00	5,635.00
" 7/8 - 9-150	4,750.00	-	-
W 7/8 - 9-200	5,020.00	5,830.00	6,180.00
" 1 - 8-150	5,960.00	-	-
" " 200	6,350.00	7,320.00	7,730.00

鋒鋼長柄機械絲攻

Long Shank Machine Taps



長柄直刃型**LHT**



長柄螺旋刃型**LSFT**



長柄先端型**LPOT**

規 格	LHT(支)	LSFT.LPOT(支)	鍍膜LSFT.LPOT(支)
UNC 4 - 40 - 100	815.00	985.00	1,085.00
" 6 - 32 - 100	745.00	915.00	1,005.00
" " 120	985.00	1,130.00	1,235.00
" 8 - 32 - 100	745.00	915.00	1,000.00
" " 120	985.00	1,130.00	1,225.00
UNC 8 - 32 - 150	1,365.00	1,585.00	1,700.00
" 10 - 24 - 100	650.00	795.00	880.00
" " 120	915.00	1,030.00	1,125.00
" " 150	1,080.00	1,295.00	1,410.00
" 1/4 - 20 - 100	535.00	640.00	720.00
UNC 1/4 - 20 - 120	680.00	835.00	925.00
" " 150	900.00	1,120.00	1,230.00
" 5/16 - 18 - 100	665.00	770.00	860.00
" " 120	835.00	980.00	1,080.00
" " 150	1,120.00	1,405.00	1,525.00
UNC 3/8 - 16 - 100	770.00	900.00	1,000.00
" " 120	965.00	1,110.00	1,225.00
" " 150	1,300.00	1,655.00	1,790.00
" 1/2 - 13 - 100	1,030.00	1,120.00	1,240.00
" " 120	1,330.00	1,405.00	1,540.00
UNC 1/2 - 13 - 150	1,705.00	2,135.00	2,295.00
UNF 10 - 32 - 100	650.00	795.00	880.00
" " 120	915.00	1,030.00	1,125.00
" " 150	1,080.00	1,295.00	1,410.00
" 1/4 - 28 - 100	535.00	640.00	720.00
UNF 1/4 - 28 - 120	680.00	835.00	925.00
" " 150	900.00	1,120.00	1,230.00
" 5/16 - 24 - 100	665.00	770.00	860.00
" " 120	835.00	980.00	1,080.00
" " 150	1,120.00	1,405.00	1,525.00
UNF 3/8 - 24 - 100	770.00	900.00	1,000.00
" " 120	965.00	1,110.00	1,225.00
" " 150	1,300.00	1,655.00	1,790.00
" 1/2 - 20 - 100	1,030.00	1,120.00	1,240.00
" " 120	1,330.00	1,405.00	1,540.00
" " 150	1,705.00	2,135.00	2,295.00

管牙絲攻

Pipe Taps



跳牙型



標準型

單位：支

英制牙	PS直牙			PT斜牙					PF直牙		
	SKS	SKH	HSS 鈦金處理	SKS	SKH	HSS 鈦金處理	SKH 短牙	SKH 跳牙	SKS	SKH	HSS 鈦金處理
1/16 - 28	150.00			170.00	425.00						
1/8 - 28	134.00	341.00	445.00	155.00	390.00	510.00	450.00	733.00	147.00	341.00	445.00
1/4 - 19	200.00	486.00	635.00	231.00	557.00	725.00	650.00	1,053.00	220.00	486.00	635.00
3/8 - 19	330.00	780.00	1,020.00	370.00	910.00	1,185.00	1,080.00	1,651.00	344.00	780.00	1,020.00
1/2 - 14	475.00	1,207.00	1,570.00	546.00	1,390.00	1,810.00	1,640.00	2,580.00	497.00	1,207.00	1,570.00
5/8 - 14	650.00			760.00	2,014.00				700.00		
3/4 - 14	685.00	1,713.00	2,230.00	778.00	2,014.00	2,620.00	2,970.00	4,328.00	703.00	1,713.00	2,230.00
1 - 11	1,120.00	2,662.00	3,465.00	1,247.00	3,058.00	3,980.00	4,510.00	8,125.00	1,170.00	2,662.00	3,465.00
1 1/4 - 11	1,880.00	3,900.00		1,812.00	4,420.00				1,794.00	3,900.00	
1 1/2 - 11	2,760.00	5,390.00		2,792.00	6,240.00					5,390.00	
2 - 11	5,465.00	10,200.00		6,432.00	11,568.00					10,200.00	

管牙絲攻

Pipe Taps



標準型



標準型

單位：支

美制牙	NPS直牙			NPT斜牙			NPTF斜牙		
	SKS	SKH	HSS 鈦金處理	SKS	SKH	HSS 鈦金處理	SKS	SKH	HSS 鈦金處理
1/16 - 27	154.00			181.00	505.00				
1/8 - 27	154.00	402.00	525.00	181.00	463.00	605.00	200.00	510.00	665.00
1/4 - 18	233.00	563.00	735.00	270.00	662.00	865.00	297.00	729.00	950.00
3/8 - 18	377.00	903.00	1,175.00	435.00	1,102.00	1,435.00	479.00	1,213.00	1,580.00
1/2 - 14	546.00	1,302.00	1,695.00	644.00	1,644.00	2,140.00	709.00	1,809.00	2,355.00
3/4 - 14	742.00	1,800.00	2,340.00	861.00	2,120.00	2,760.00	947.00	2,515.00	3,270.00
1 - 11 1/2	1,217.00	2,840.00	3,695.00	1,405.00	3,210.00	4,175.00	1,546.00	3,749.00	4,875.00
1 1/4 - 11 1/2	1,951.00	4,100.00		2,137.00	4,640.00				
1 1/2 - 11 1/2	2,790.00	5,660.00		3,292.00	6,454.00				
2 - 11 1/2	6,467.00	10,980.00		7,904.00	13,250.00				

螺旋牙管牙絲攻

Spiral Fluted Pipe Taps



單位：支

HSS
鈦金處理高硬度用

英制牙	PS · PF直牙		PT斜牙		美制牙	NPS直牙		NPT斜牙	
	SKH	HSS 鈦金處理	SKH	HSS 鈦金處理		SKH	HSS 鈦金處理	SKH	HSS 鈦金處理
1/8-28	410.00	535.00	468.00	610.00	1/8-27	483.00	630.00	560.00	730.00
1/4-19	583.00	760.00	670.00	875.00	1/4-18	676.00	880.00	795.00	1,035.00
3/8-19	936.00	1,220.00	1,092.00	1,420.00	3/8-18	1,085.00	1,415.00	1,325.00	1,725.00
1/2-14	1,450.00	1,890.00	1,670.00	2,175.00	1/2-14	1,580.00	2,055.00	1,975.00	2,570.00
3/4-14	2,060.00	2,680.00	2,660.00	3,460.00	3/4-14	2,290.00	2,980.00	2,784.00	3,620.00
1-11	3,195.00	4,155.00	4,030.00	5,240.00	1-11 1/2	3,580.00	4,655.00	4,090.00	5,320.00

SKH

鋒鋼長柄管牙機械絲攻

Long Shank Pipe Taps



規 格	100長(支)	120長(支)	150長(支)	200長(支)
PS 1/8-28	770.00	1,000.00	1,370.00	-
" 1/4-19	1,035.00	1,365.00	1,400.00	-
" 3/8-19	1,320.00	1,720.00	2,330.00	-
" 1/2-14	-	2,175.00	2,760.00	-
" 3/4-14	-	4,080.00	4,420.00	6,050.00
" 1-11	-	5,890.00	6,510.00	8,780.00
PT 1/8-28	950.00	1,185.00	1,700.00	-
" 1/4-19	1,230.00	1,625.00	1,720.00	-
" 3/8-19	1,680.00	2,095.00	2,870.00	-
" 1/2-14	-	2,560.00	3,330.00	-
" 3/4-14	-	4,780.00	5,320.00	7,255.00
" 1-11	-	6,730.00	7,600.00	10,140.00
NPS 1/8-27	910.00	1,130.00	1,650.00	-
" 1/4-18	1,220.00	1,535.00	1,705.00	-
" 3/8-18	1,535.00	1,975.00	2,770.00	-
" 1/2-14	-	2,500.00	3,270.00	-
" 3/4-14	-	4,590.00	5,230.00	6,950.00
" 1-11 1/2	-	6,670.00	7,600.00	10,090.00
NPT 1/8-27	1,070.00	1,340.00	1,965.00	-
" 1/4-18	1,470.00	1,850.00	1,990.00	-
" 3/8-18	1,890.00	2,370.00	3,280.00	-
" 1/2-14	-	2,890.00	3,840.00	-
" 3/4-14	-	5,390.00	6,140.00	8,165.00
" 1-11 1/2	-	7,710.00	8,775.00	11,410.00

鋒鋼左牙螺旋絲攻・先端絲攻

Spiral Fluted Taps & Spiral Pointed Taps for Left Hand



單位：支

規 格	螺旋絲攻	先端絲攻	規 格	螺旋絲攻	先端絲攻
M 2 × 0.4 左	535.00	535.00	M 20 × 1.5 左	2,725.00	2,725.00
" 2.5 × 0.45 "	475.00	475.00	" 20 × 2.5 "	2,725.00	2,725.00
" 2.6 × 0.45 "	404.00	404.00	" 22 × 1.5 "	3,510.00	3,510.00
" 3 × 0.5 "	315.00	315.00	" 22 × 2.5 "	3,510.00	3,510.00
" 3.5 × 0.6 "	364.00	364.00	" 24 × 1.5 "	4,625.00	4,625.00
M 4 × 0.7 左	300.00	300.00	M 24 × 3.0 左	4,625.00	4,625.00
" 5 × 0.8 "	305.00	305.00	W 3/16 - 24 "	342.00	342.00
" 6 × 1.0 "	325.00	325.00	" 1/4 - 20 "	418.00	418.00
" 8 × 1.25 "	468.00	468.00	" 5/16 - 18 "	559.00	559.00
" 10 × 1.25 "	598.00	598.00	" 3/8 - 16 "	656.00	656.00
M 10 × 1.5 左	598.00	598.00	W 1/2 - 12左	1,120.00	1,120.00
" 12 × 1.25 "	833.00	833.00	UNC 2 - 56 "	661.00	661.00
" 12 × 1.5 "	833.00	833.00	" 4 - 40 "	384.00	384.00
" 12 × 1.75 "	833.00	833.00	" 6 - 32 "	356.00	356.00
" 14 × 1.5 "	1,114.00	1,114.00	" 8 - 32 "	356.00	356.00
M 14 × 2.0 左	1,114.00	1,114.00	UNC 10 - 24左	368.00	368.00
" 16 × 1.5 "	1,476.00	1,476.00	UNF 10 - 32 "	368.00	368.00
" 16 × 2.0 "	1,476.00	1,476.00	" 1/4 - 28 "	418.00	418.00
" 18 × 1.5 "	2,020.00	2,020.00	" 5/16 - 24 "	559.00	559.00
" 18 × 2.5 "	2,020.00	2,020.00	" 3/8 - 24 "	656.00	656.00



使用螺紋護套之概要

Description of Helical Inserts

1 螺紋護套之功能：

- A** 螺紋護套是利用彈簧張力之特性，把護套鎖入母件螺紋裡，使其螺紋啮合之動力，靜力負荷均衡，而能使整個螺紋之強度增加，達到其巧妙之締緊效果。
- B** 鋁、銅、鑄鐵、塑膠、木材等低強度之母材，使用護套，可增加其螺紋之強度，提高產品之品質及價值。
- C** 因腐蝕、振動、磨耗等作用而引起之螺紋潰牙之維修。

2 螺紋護套之用途：

- A** 在所有製造過程中，因錯誤設計之孔徑，或損壞之牙徑，補救其短缺，達到原精度之螺紋，保持產品之品質。
- B** 在機械五金零件中，有鋁、銅、鑄鐵、塑膠、木材等，其螺紋部位，因母材之強度不足，常造成潰牙，螺紋護套可補足這個缺失，提高產品價值。
- C** 有使用螺絲之產品，都有其蹤跡，如汽、機車工業、各式機械、國防工業、飛機工業、五金工業等，使用螺紋護套可提高其價值及確保其安全。

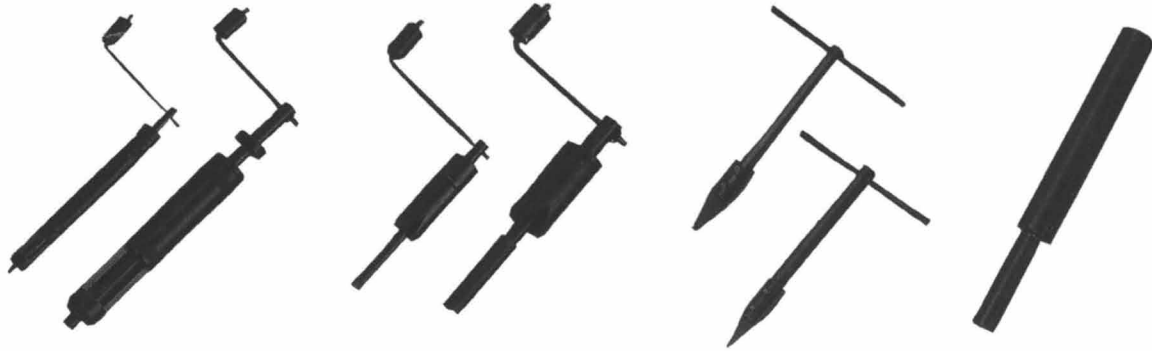
規 格	護套長度(條)					鎖入工具(支)		敲斷工具 (支)	拔取工具 (支)
	1D	1.5D	2D	2.5D	3D	P型	S型		
M 2 × 0.4	13.00	14.50	16.00	17.00	18.00	4,820.00		400.00	1,350.00
" 2.5 × 0.45	12.00	13.00	14.00	15.00	16.00	2,860.00		400.00	1,350.00
" 2.6 × 0.45	12.00	13.00	14.00	15.00	16.00	2,860.00		400.00	1,350.00
" 3 × 0.5	12.00	13.00	14.00	15.00	16.00	2,570.00		400.00	1,350.00
" 4 × 0.7	10.50	11.00	11.80	13.00	14.00	2,570.00		400.00	1,350.00
" 5 × 0.8	10.50	11.00	11.80	13.00	14.00	2,570.00		400.00	1,350.00
M 6 × 1.0	10.50	11.00	11.80	13.00	14.00	2,570.00	1,350.00	400.00	1,670.00
" 7 × 1.0	12.80	14.00	15.00	17.00	19.00	2,850.00	1,350.00	400.00	1,670.00
" 8 × 1.25	12.80	14.00	15.00	17.00	19.00	2,850.00	1,350.00	400.00	1,670.00
" 10 × 1.0	18.00	20.00	22.00	25.00	28.00	3,150.00	1,350.00	400.00	1,670.00
" 10 × 1.25	18.00	20.00	22.00	25.00	28.00	3,150.00	1,350.00	400.00	1,670.00
M 10 × 1.5	18.00	20.00	22.00	25.00	28.00	3,150.00	1,350.00	400.00	1,670.00
" 12 × 1.25	22.50	27.50	32.50	38.00	43.00	3,420.00	1,500.00	450.00	1,940.00
" 12 × 1.5	22.50	27.50	32.50	38.00	43.00	3,420.00	1,500.00	450.00	1,940.00
" 12 × 1.75	22.50	27.50	32.50	38.00	43.00	3,420.00	1,500.00	450.00	1,940.00
" 14 × 1.25	31.50	42.50	50.50	60.00	70.00	3,710.00	1,700.00	500.00	1,940.00
M 14 × 1.5	31.50	42.50	50.50	60.00	70.00	3,710.00	1,700.00	500.00	1,940.00
" 14 × 2.0	31.50	42.50	50.50	60.00	70.00	3,710.00	1,700.00	500.00	1,940.00
" 16 × 1.5	45.00	52.50	62.00	70.00	80.00	3,990.00	1,980.00	500.00	1,940.00
" 16 × 2.0	45.00	52.50	62.00	70.00	80.00	3,990.00	1,980.00	500.00	1,940.00
" 18 × 2.5	68.00	82.00	97.00	120.00	135.00	4,750.00	1,980.00	500.00	1,940.00
M 20 × 2.5	85.00	100.00	115.00	148.00	160.00	4,750.00	2,370.00	500.00	1,940.00
" 22 × 2.5	135.00	150.00	168.00	185.00	200.00	4,750.00	2,570.00	500.00	1,940.00
" 24 × 3.0	220.00	240.00	265.00	290.00	320.00	4,750.00	2,570.00	500.00	1,940.00

註D=刃徑 1D=刃徑×1 2D=刃徑×2 3D=刃徑×3



螺紋護套及其使用工具

Helical Inserts & Tools



P型鎖入工具

S型鎖入工具

拔取工具

敲斷工具

敲斷切口

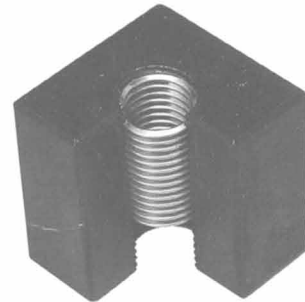
敲斷橫桿



螺紋護套



拔取護套情形



鎖入護套完成

規格	護套長度(條)					鎖入工具(支)		敲斷工具 (支)	拔取工具 (支)
	1D	1.5D	2D	2.5D	3D	P型	S型		
UNC 4 -40	16.50	18.50	21.50	24.00	27.00	3,600.00		350.00	1,710.00
" 5 -40	16.50	18.50	21.50	24.00	27.00	2,570.00		350.00	1,710.00
" 6 -32	16.50	18.50	21.50	24.00	27.00	2,570.00		350.00	1,710.00
" 8 -32	10.50	11.00	11.50	12.60	14.00	2,570.00		350.00	1,710.00
" 10 -24	10.50	11.00	11.50	12.60	14.00	2,570.00		350.00	1,710.00
UNC 1/4 -20	10.50	11.00	11.50	12.60	14.00	2,570.00	1,550.00	350.00	2,110.00
" 5/16 -18	12.60	14.00	15.00	17.00	18.50	2,850.00	1,550.00	350.00	2,110.00
" 3/8 -16	17.20	19.50	22.00	25.00	28.00	3,150.00	1,550.00	350.00	2,110.00
" 1/2 -13	26.00	32.00	38.00	46.00	55.00	3,420.00	1,710.00	400.00	2,450.00
" 5/8 -11	51.50	60.00	69.00	80.00	92.00	3,990.00	2,050.00	460.00	2,450.00
UNC 3/4 -10	97.00	115.00	135.00	155.00	170.00	4,150.00	2,280.00	460.00	2,450.00
" 7/8 -9	138.00	152.00	175.00	200.00	230.00	4,150.00	3,300.00	600.00	2,650.00
" 1 -8	195.00	234.00	280.00	337.00	370.00	4,150.00	3,300.00	600.00	2,650.00
UNF 10 -32	10.50	11.00	11.50	12.60	14.00	2,570.00	1,550.00	350.00	1,710.00
" 1/4 -28	10.50	11.00	11.50	12.60	14.00	2,570.00	1,550.00	350.00	2,110.00
UNF 5/16 -24	12.60	14.00	15.00	17.00	18.50	2,850.00	1,550.00	350.00	2,110.00
" 3/8 -24	17.20	19.50	22.00	25.00	28.00	3,150.00	1,550.00	350.00	2,110.00
" 1/2 -20	26.00	32.00	38.00	46.00	55.00	3,420.00	1,710.00	400.00	2,450.00
" 5/8 -18	51.50	60.00	69.00	80.00	92.00	3,990.00	2,050.00	460.00	2,450.00
" 3/4 -16	97.00	115.00	135.00	155.00	170.00	4,150.00	2,280.00	460.00	2,450.00
UNF 7/8 -14	138.00	152.00	175.00	200.00	230.00	4,150.00	3,300.00	600.00	2,650.00
" 1 -12	195.00	234.00	280.00	337.00	370.00	4,150.00	3,300.00	600.00	2,650.00

註D=刃徑 1D=刃徑×1 2D=刃徑×2 3D=刃徑×3



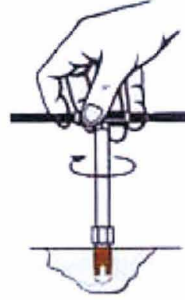
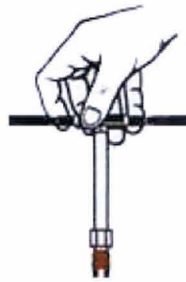
自攻螺紋襯套及其使用工具

Self Tapping Inserts & Tools

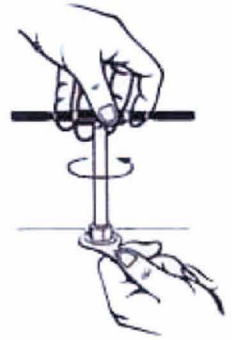
302槽型



少量時的裝配方式示意圖



扳手固定不動



手動裝入工具



NO.610

規 格	長度	價(條)格		裝入工具(支)
		鋼槽用	白鐵槽用	手動型
M 2.5 × 0.45	6	17.00	33.50	—
" 3 × 0.5	6	14.00	29.50	1,600.00
" 4 × 0.7	8	17.00	39.50	1,600.00
" 5 × 0.8	10	22.50	48.00	1,600.00
" 6 × 1.0(薄)	12	30.50	60.00	1,600.00
M 6 × 1.0	14	30.50	60.00	1,600.00
" 8 × 1.25	15	36.00	69.00	1,600.00
" 10 × 1.5	18	57.00	108.00	1,600.00
" 12 × 1.75	22	87.50	180.00	1,780.00
" 14 × 2.0	24	142.50	210.00	—
M 16 × 2.0	22	180.00	311.50	—
UNC 2 – 56	6	—	36.00	1,600.00
" 4 – 40	6	—	31.50	1,600.00
" 6 – 32	8	—	40.00	1,600.00
" 8 – 32	8	—	42.50	1,600.00
UNC 10 – 24	10	—	51.50	1,600.00
" 1/4 – 20	14	—	69.00	1,600.00
" 5/16 – 18	15	—	90.50	1,600.00
" 3/8 – 16	18	57.00	133.50	1,600.00
" 1/2 – 13	24	—	244.50	—
UNF 10 – 32	10	—	51.50	1,600.00
" 5/16 – 24	15	—	90.50	1,600.00



自攻螺紋襯套鑽頭孔徑參考表

Recommended Drill Size for Self Tapping Inserts

1 自攻螺紋襯套的功能：

非鐵金屬如銅、鋁、鋅、鎂、塑膠、電木等因母材強度不夠，成品往往容易潰牙，影響到產品的品質，使用自攻襯套，可強化軟質金屬的螺紋強度，提高產品之品質。廣泛使用於汽車工業、航太工業、生產設備、醫療設備、視聽器材、手提電話、運動器材、電腦設備等。

2 自攻襯套特點：

- A** 超高強度，具自攻螺紋能力，母材不需要預先攻牙，節省成本支出。
- B** 對於潰牙或已磨耗之母螺紋具有修護作用，使用自攻螺紋襯套，可繼續使用原尺寸的螺絲。
- C** 極佳的氣密性及耐震性，可防止螺紋鬆動。
- D** 安裝簡便迅速，只要一種裝配工具，成本低，幾乎無不良率。
- E** 裝置總成本較低。

自攻螺紋襯套 內螺紋規格	外螺紋	鑽頭孔徑			最小鑽孔 深度
		塑膠	鋁合金	鑄鐵	
M 2.5 × 0.45	M 4.5 × 0.5	4.0~ 4.1	4.1~ 4.2	4.2~ 4.3	8
" 3 × 0.5	" 5 × 0.5	4.5~ 4.6	4.6~ 4.7	4.7~ 4.8	8
" 4 × 0.7	" 6.5 × 0.75	5.8~ 5.9	6.0~ 6.1	6.1~ 6.2	10
" 5 × 0.8	" 8 × 1.0	7.1~ 7.2	7.3~ 7.5	7.5~ 7.6	13
" 6 × 1.0	" 10 × 1.5	9.0~ 9.2	9.2~ 9.3	9.3~ 9.4	17
M 8 × 1.25	M 12 × 1.5	10.6~10.8	11.0~11.2	11.2~11.4	18
" 10 × 1.5	" 14 × 1.5	12.6~12.8	13.0~13.3	13.2~13.4	22
" 12 × 1.75	" 16 × 1.5	14.6~14.8	15.0~15.3	15.2~15.4	26
" 14 × 2.0	" 18 × 1.5	16.6~16.8	17.0~17.3	17.2~17.5	28
" 16 × 2.0	" 20 × 1.5	18.6~18.8	19.0~19.3	19.2~19.5	27
UNC 2 - 56	M 4.5 × 0.5	4.0~ 4.1	4.1~ 4.2	4.2~ 4.3	8
" 4 - 40	" 5 × 0.5	4.5~ 4.6	4.6~ 4.7	4.7~ 4.8	8
" 6 - 32	" 6 × 0.75	5.3~ 5.4	5.5~ 5.6	5.6~ 5.7	10
" 8 - 32	" 6.5 × 0.75	5.8~ 5.9	6.0~ 6.1	6.1~ 6.2	10
" 10 - 24	" 8 × 1.0	7.1~ 7.2	7.3~ 7.5	7.5~ 7.6	13
UNC 1/4 - 20	M 10 × 1.5	9.0~ 9.2	9.2~ 9.3	9.3~ 9.4	17
" 5/16 - 18	" 12 × 1.5	10.6~10.8	11.0~11.2	11.2~11.4	18
" 3/8 - 16	" 14 × 1.5	12.6~12.8	13.0~13.3	13.2~13.4	22
" 1/2 - 13	" 18 × 1.5	16.6~16.8	17.0~17.3	17.2~17.5	28
UNF 10 - 32	M 8 × 1.0	7.1~ 7.2	7.3~ 7.5	7.5~ 7.6	13
" 5/16 - 24	" 12 × 1.5	10.6~10.8	11.0~11.2	11.2~11.4	18

左牙手絞絲攻・牙板

Hand Taps & Round Dies for Left Hand



規 格	絲攻SKS		牙板SKS		規 格	絲攻SKS		牙板SKS	
	支	組	25徑(只)	50徑(只)		支	組	25徑(只)	50徑(只)
M 3×0.5 左	70.00	210.00	650.00		M 24 ×3.0左	966.00	2,898.00		1,250.00
" 3×0.6 "	70.00	210.00	650.00		" 27 ×3.0 "	1,460.00			1,350.00
" 4×0.7 "	70.00	210.00	650.00		" 30 ×1.5 "	2,160.00			
" 4×0.75 "	70.00	210.00	650.00		" 30 ×3.5 "	2,030.00			
" 5×0.8 "	77.00	231.00	650.00		W 1/8 -40 "	84.00	252.00	650.00	
M 5×0.9 左	77.00	231.00	650.00		W 5/32-32 左	91.00	273.00	650.00	
" 6×1.0 "	85.00	255.00	650.00		" 3/16-24 "	84.00	252.00	650.00	1,250.00
" 8×1.0 "	166.00	498.00	650.00		" 7/32-24 "	175.00	525.00	700.00	
" 8×1.25 "	139.00	417.00	650.00	1,250.00	" 1/4 -20 "	104.00	312.00	650.00	1,250.00
" 10×1.0 "	198.00	594.00	700.00	1,350.00	" 5/16-18 "	126.00	378.00	650.00	1,250.00
M 10×1.25左	184.00	552.00	700.00	1,350.00	W 3/8 -16 左	173.00	519.00	650.00	1,250.00
" 10×1.5 "	184.00	552.00	650.00	1,250.00	" 7/16-14 "	204.00	612.00		1,250.00
" 12×1.0 "	272.00	816.00		1,350.00	" 1/2 -12 "	238.00	714.00		1,250.00
" 12×1.25 "	233.00	699.00		1,350.00	" 9/16-12 "	320.00	960.00		1,250.00
" 12×1.5 "	233.00	699.00		1,350.00	" 5/8 -11 "	320.00	960.00		1,250.00
M 12×1.75左	233.00	699.00		1,250.00	W 3/4 -10 左	445.00	1,335.00		1,250.00
" 14×1.0 "	300.00	900.00		1,350.00	" 7/8 - 9 "	620.00	1,860.00		1,250.00
" 14×1.25 "	300.00	900.00		1,350.00	" 1 - 8 "	847.00	2,541.00		1,250.00
" 14×1.5 "	283.00	849.00		1,350.00	UNF 3/16-32 "	99.00	297.00	650.00	
" 14×2.0 "	283.00	849.00		1,250.00	" 1/4 -28 "	116.00	348.00	650.00	1,250.00
M 16×1.0 左	478.00	1,434.00		1,350.00	UNF 5/16-24 左	137.00	411.00	650.00	1,250.00
" 16×1.5 "	367.00	1,101.00		1,350.00	" 3/8 -24 "	191.00	573.00	650.00	1,250.00
" 16×2.0 "	367.00	1,101.00		1,250.00	" 7/16-20 "	233.00	699.00		1,250.00
" 18×1.5 "	507.00	1,521.00		1,350.00	" 1/2 -20 "	272.00	816.00		1,250.00
" 18×2.0 "	507.00	1,521.00		1,350.00	" 9/16-18 "	322.00	966.00		1,250.00
M 18×2.5 左	507.00	1,521.00		1,250.00	UNS 9/16-20 左	443.00	1,329.00		1,450.00
" 20×1.5 "	607.00	1,821.00		1,350.00	UNF 5/8 -18 "	339.00	1,017.00		1,250.00
" 20×2.0 "	607.00	1,821.00		1,350.00	" 3/4 -16 "	507.00	1,521.00		1,250.00
" 20×2.5 "	607.00	1,821.00		1,250.00	" 7/8 -14 "	674.00	2,022.00		1,250.00
" 22×1.5 "	742.00	2,226.00		1,350.00	" 1 -12 "	936.00	2,808.00		1,250.00
M 22×2.0 左	742.00	2,226.00		1,350.00	UNS 1 -14 左	995.00	2,985.00		1,450.00
" 22×2.5 "	742.00	2,226.00		1,250.00	UNC 1/2 -13 "	272.00	816.00		1,250.00
" 24×1.5 "	966.00	2,898.00		1,350.00	SM 9/64-40 "	73.00		850.00	
" 24×2.0 "	1,001.00	3,003.00		1,350.00					

管牙左牙絲攻

Pipe Taps for Left Hand



英制管牙左牙	PS直牙		PT斜牙	
	SKS(支)	SKH(支)	SKS(支)	SKH(支)
1/8-28 左	250.00	500.00	284.00	820.00
1/4-19 "	360.00	750.00	419.00	1,000.00
3/8-19 "	566.00	1,080.00	669.00	1,280.00
1/2-14 左	832.00	1,255.00	985.00	1,500.00
3/4-14 "	1,175.00	1,970.00	1,405.00	2,315.00
1-11 "	1,969.00	3,060.00	2,263.00	3,510.00

管牙·左牙螺絲牙板

Round Dies for Left Hand



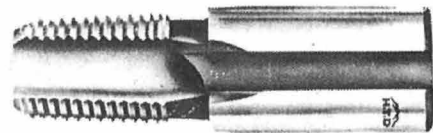
輪胎風嘴仔牙絲攻·牙板

Hand Taps & Round Dies for CTV Threads

英制管牙左牙	徑	PS直牙SKS(只)	PT斜牙SKS(只)	風嘴仔牙CTV	絲攻SKS(支)	牙板25徑SKS(只)
1/8-28 左	38		1,300.00	CTV 5 m/m-24	136.00	500.00
1/4-19 "	38		1,300.00	" 5 -36	136.00	500.00
1/8-28 "	50	1,760.00		" 8 -30	145.00	500.00
1/4-19 "	50	1,760.00		" 8 -32	145.00	500.00
3/8-19 左	50	1,760.00	2,160.00			
1/2-14 "	50	1,760.00	2,160.00			
3/4-14 "	50	1,760.00	2,160.00			
1-11 "	63	3,950.00	4,860.00			

倍安管牙絲攻

Pipe Taps



短牙型有串仔溝

柄徑 1/8, 1/4, 1/2 係 17m/m
3/4, 1" 係 25m/m

英制牙	SKH(支)	美制牙	SKH(支)
PT 1/8-28	303.00	NPT 1/8-27	365.00
" 1/4-19	340.00	" 3/8-18	520.00
" 3/8-19	400.00	" 1/2-14	630.00
" 3/4-14	820.00	" 3/4-14	1,050.00
" 1-11	1,100.00	" 1-11 1/2	1,460.00

公制牙螺絲牙板

Round Dies for Metric Coarse Thread



規 格	20徑(只)	25徑(只)	38徑(只)	50徑(只)	規 格	25徑(只)	38徑(只)	50徑(只)
M 2×0.4	550.00	400.00			M 11×0.5	460.00		950.00
" 2.3×0.4	550.00	400.00			" 11×0.75	460.00		950.00
" 2.5×0.45	550.00	400.00			" 11×1.0	460.00		850.00
" 2.6×0.45	550.00	400.00			" 11×1.25	460.00		850.00
" 3×0.35	400.00	460.00			" 11×1.5	460.00		850.00
M 3×0.5	330.00	370.00			M 12×0.5	460.00		950.00
" 3×0.6	330.00	370.00			" 12×0.75	460.00		950.00
" 3.5×0.35	400.00	460.00			" 12×1.0	460.00		850.00
" 3.5×0.6	330.00	370.00			" 12×1.25	460.00	650.00	850.00
" 4×0.5	400.00	460.00			" 12×1.5	460.00	650.00	850.00
M 4×0.7	330.00	370.00			M 12×1.75	370.00		720.00
" 4×0.75	330.00	370.00			" 13×1.0			850.00
" 4.5×0.5	400.00	460.00			" 13×1.25			850.00
" 4.5×0.75	400.00	460.00			" 13×1.5			850.00
" 5×0.5	400.00	460.00			" 13×1.75			720.00
M 5×0.8	330.00	370.00			M 14×1.0			850.00
" 5×0.9	330.00	370.00			" 14×1.25			850.00
" 5.5×0.5	400.00	460.00			" 14×1.5			850.00
" 5.5×0.9	330.00	370.00			" 14×2.0		550.00	720.00
" 6×0.5	400.00	460.00			" 15×1.0			850.00
M 6×0.75	400.00	460.00			M 15×1.5			850.00
" 6×1.0	330.00	370.00		720.00	" 15×2.0			720.00
" 7×0.5		460.00			" 16×1.0			850.00
" 7×0.75		460.00			" 16×1.5		650.00	850.00
" 7×1.0		370.00			" 16×2.0		550.00	720.00
M 8×0.5		460.00			M 17×1.0			850.00
" 8×0.75		460.00			" 17×1.5			850.00
" 8×1.0		460.00		850.00	" 17×2.0			720.00
" 8×1.25		370.00		720.00	" 18×1.0			850.00
" 9×0.5		460.00		950.00	" 18×1.5			850.00
M 9×0.75		460.00		950.00	M 18×2.0			850.00
" 9×1.0		460.00		850.00	" 18×2.5			720.00
" 9×1.25		460.00	650.00	850.00	" 19×1.0			950.00
" 10×0.5		460.00		950.00	" 20×0.5			950.00
" 10×0.75		460.00		950.00	" 20×1.0			950.00
M 10×1.0		460.00		850.00	M 20×1.5			850.00
" 10×1.25		460.00	650.00	850.00	" 20×2.0			850.00
" 10×1.5		370.00	550.00	720.00	" 20×2.5			720.00

公制牙螺絲牙板

Round Dies for Metric Coarse Thread



規 格	50徑(只)	規 格	50徑(只)	63徑(只)
M 22 × 1.0	950.00	M 26 × 2.0	850.00	2,350.00
" 22 × 1.5	850.00	" 27 × 1.0	950.00	
" 22 × 2.0	850.00	" 27 × 1.5	850.00	
" 22 × 2.5	720.00	" 27 × 2.0	850.00	
M 24 × 1.0	950.00	M 27 × 3.0	850.00	2,350.00
" 24 × 1.5	850.00	" 28 × 1.0	950.00	2,920.00
" 24 × 2.0	850.00	" 28 × 1.5	850.00	2,350.00
" 24 × 3.0	720.00	" 28 × 2.0	850.00	2,350.00
M 25 × 1.0	950.00	M 30 × 1.0	1,050.00	2,920.00
" 25 × 1.5	850.00	" 30 × 1.5	1,050.00	2,420.00
" 25 × 2.0	850.00	" 30 × 2.0	1,050.00	2,420.00
" 26 × 1.0	950.00	" 30 × 3.0	1,050.00	
" 26 × 1.5	850.00	" 30 × 3.5	850.00	2,350.00

美制粗牙螺絲牙板

Round Dies for Unified Coarse Thread



UNC規格	SKS 20徑(只)	SKS 25徑(只)	SKS 50徑(只)	UNC規格	SKS 25徑(只)	SKS 50徑(只)
NO 4 -40 UNC	770.00	370.00		3/8 -16 UNC	370.00	760.00
" 5 -40 "		370.00		7/16 -14 "		760.00
" 6 -32 "	400.00	370.00		1/2 -13 "		760.00
" 8 -32 "	400.00	370.00		9/16 -12 "		760.00
NO 10 -24 UNC	400.00	370.00		5/8 -11 UNC		760.00
" 12 -24 "		370.00		3/4 -10 "		760.00
1/4 -20 "		370.00	760.00	7/8 - 9 "		760.00
5/16 -18 "		370.00	760.00	1 - 8 "		760.00

美制細牙螺絲牙板

Round Dies for Unified Coarse Thread



UNF規格	SKS 25徑(只)	SKS 50徑(只)	UNF規格	SKS 50徑(只)	SKS 63徑(只)
NO 3 -56 UNF	480.00		7/16 -20 UNF	760.00	
" 4 -48 "	370.00		1/2 -20 "	760.00	
" 5 -44 "	370.00		9/16 -18 "	760.00	
" 6 -40 "	370.00		9/16 -20 "	950.00	
" 8 -36 "	370.00		5/8 -18 "	760.00	
NO 10 -32 UNF	370.00		5/8 -20 UNF	950.00	
" 12 -28 "	370.00		3/4 -16 "	760.00	
1/8 -44 "	420.00		7/8 -14 "	760.00	
5/32 -36 "	420.00		1 -12 "	760.00	
3/16 -32 "	420.00		1 -14 UNS	950.00	
7/32 -32 UNF	480.00		1 1/8 -12 UNF		2,760.00
1/4 -28 "	370.00	760.00	1 1/4 -12 "		2,760.00
5/16 -24 "	370.00	760.00	1 1/2 -12 "		2,760.00
3/8 -24 "	370.00	760.00			

英制粗牙螺絲牙板

Round Dies for Whitworth Coarse Thread



W規格	20徑(只)	25徑(只)	38徑(只)	50徑(只)	W規格	50徑(只)	63徑(只)
W 1/16-60		450.00			W 5/8 - 11	720.00	
" 3/32-48		450.00			" 11/16-11	880.00	
" 1/8 - 40	400.00	370.00			" 3/4 - 10	720.00	
" 5/32-32	400.00	370.00			" 13/16-10	880.00	
W 3/16-24	400.00	370.00	520.00	720.00	W 7/8 - 9	720.00	
" 7/32-24		450.00			" 15/16- 9	880.00	
" 1/4 - 20	400.00	370.00	520.00	720.00	" 1 - 8	720.00	
" 5/16-18		370.00	520.00	720.00	" 1 1/8- 7	1,100.00	2,350.00
W 3/8 - 16		370.00	520.00	720.00	W 1 1/4- 7	1,100.00	2,350.00
" 7/16-14		370.00	520.00	720.00	" 1 3/8- 6		2,350.00
" 1/2 - 12		370.00	520.00	720.00	" 1 1/2- 6		2,350.00
" 9/16-12			590.00	790.00			

英制管牙螺絲牙板

Round Dies for Pipe Thread



美制管牙螺絲牙板

Round Dies for Pipe Thread

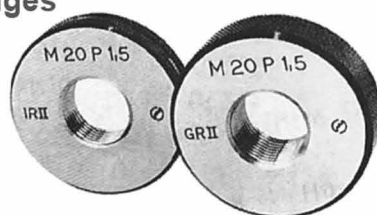
規 格	徑	PS 直牙(只)	PT 斜牙(只)	PF 直牙(只)	規 格	徑	NPS 直牙(只)	NPT 斜牙(只)	NPTF 斜牙(只)
1/8-28	25	380.00	450.00	420.00	1/8-27	25	520.00	620.00	690.00
1/8-28	38	500.00	810.00	680.00	1/8-27	38	730.00	1,150.00	1,160.00
1/4-19	38	500.00	810.00	680.00	1/4-18	38	730.00	1,150.00	1,160.00
3/8-19	38	500.00	810.00	680.00	3/8-18	38	730.00	1,150.00	1,160.00
1/8-28	50	810.00	1,300.00	950.00	1/8-27	50	1,100.00	1,700.00	1,770.00
1/4-19	50	810.00	1,300.00	950.00	1/4-18	50	1,100.00	1,700.00	1,770.00
3/8-19	50	810.00	1,300.00	950.00	3/8-18	50	1,100.00	1,700.00	1,770.00
1/2-14	50	810.00	1,300.00	950.00	1/2-14	50	1,100.00	1,700.00	1,770.00
5/8-14	50	810.00	1,300.00		3/4-14	50	1,100.00	1,700.00	1,770.00
3/4-14	50	810.00	1,300.00	950.00	1 - 11 1/2	63	3,180.00	4,220.00	4,630.00
1 - 11	63	2,430.00	3,240.00	2,840.00	1 1/4-11 1/2	63	3,180.00	4,220.00	4,630.00
1 1/4-11	63	2,430.00	3,240.00	2,840.00					

限界螺紋牙規

Plug Gauges & Ring Gauges



限界螺紋栓規



限界螺紋環規

公制牙(M)

規 格	限界螺紋栓規		規 格	限界螺紋環規	
	價(支)格	價(組)格		價(支)格	價(組)格
M 2 × 0.4	4,500.00	10,700.00	M 11 × 1.0	3,150.00	6,300.00
" 2.3 × 0.4	4,500.00	10,700.00	" 11 × 1.25	3,000.00	3,000.00
" 2.5 × 0.45	4,000.00	10,000.00	" 11 × 1.5	2,950.00	5,900.00
" 2.6 × 0.45	4,000.00	10,000.00	" 12 × 0.5	5,500.00	11,000.00
" 3 × 0.35	7,000.00	—	" 12 × 0.75	5,150.00	10,300.00
M 3 × 0.5	3,200.00	6,400.00	M 12 × 1.0	3,200.00	6,400.00
" 3 × 0.6	3,600.00	7,200.00	" 12 × 1.25	3,000.00	6,000.00
" 3.5 × 0.35	6,000.00	12,000.00	" 12 × 1.5	2,950.00	5,900.00
" 3.5 × 0.6	3,600.00	7,200.00	" 12 × 1.75	2,950.00	5,900.00
" 4 × 0.5	3,700.00	7,400.00	" 13 × 1.0	3,500.00	7,000.00
M 4 × 0.7	2,750.00	5,500.00	M 13 × 1.25	3,600.00	7,200.00
" 4 × 0.75	2,850.00	5,700.00	" 13 × 1.5	3,250.00	6,500.00
" 4.5 × 0.5	3,800.00	7,600.00	" 14 × 1.0	3,400.00	6,800.00
" 4.5 × 0.75	3,000.00	6,000.00	" 14 × 1.25	3,300.00	6,600.00
" 5 × 0.5	3,900.00	7,800.00	" 14 × 1.5	3,050.00	6,100.00
M 5 × 0.8	2,700.00	5,400.00	M 14 × 2.0	3,100.00	6,200.00
" 5.5 × 0.5	4,000.00	8,000.00	" 15 × 1.0	3,500.00	7,000.00
" 6 × 0.5	4,100.00	8,200.00	" 15 × 1.5	3,100.00	6,200.00
" 6 × 0.75	3,150.00	6,300.00	" 15 × 2.0	3,200.00	6,400.00
" 6 × 1.0	2,700.00	5,400.00	" 16 × 1.0	3,550.00	7,100.00
M 7 × 0.5	4,250.00	8,500.00	M 16 × 1.5	3,200.00	6,400.00
" 7 × 0.75	3,250.00	6,500.00	" 16 × 2.0	3,300.00	6,600.00
" 7 × 1.0	2,700.00	5,400.00	" 17 × 1.0	3,700.00	7,400.00
" 8 × 0.5	4,350.00	8,700.00	" 17 × 1.5	3,300.00	6,600.00
" 8 × 0.75	3,350.00	6,700.00	" 18 × 1.0	3,750.00	7,500.00
M 8 × 1.0	2,750.00	5,500.00	M 18 × 1.5	3,350.00	6,700.00
" 8 × 1.25	2,750.00	5,500.00	" 18 × 2.0	3,500.00	7,000.00
" 9 × 0.5	4,800.00	9,600.00	" 18 × 2.5	3,550.00	7,100.00
" 9 × 0.75	3,500.00	7,000.00	" 19 × 1.0	4,100.00	8,200.00
" 9 × 1.0	2,850.00	5,700.00	" 19 × 1.5	3,550.00	7,100.00
M 9 × 1.25	2,850.00	5,700.00	M 19 × 2.5	3,900.00	7,800.00
" 10 × 0.5	4,850.00	9,700.00	" 20 × 0.5	7,800.00	15,600.00
" 10 × 0.75	3,650.00	7,300.00	" 20 × 1.0	4,000.00	8,000.00
" 10 × 1.0	2,900.00	5,800.00	" 20 × 1.5	3,550.00	7,100.00
" 10 × 1.25	2,850.00	5,700.00	" 20 × 2.0	3,650.00	7,300.00
M 10 × 1.5	2,800.00	5,600.00	M 20 × 2.5	3,900.00	7,800.00
" 11 × 0.5	5,200.00	10,400.00	" 22 × 1.0	4,250.00	8,500.00
" 11 × 0.75	4,000.00	8,000.00	" 22 × 1.5	3,700.00	7,400.00

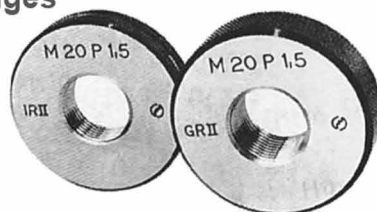
限界螺紋牙規

Plug Gauges & Ring Gauges



限界螺紋栓規

公制牙(M)



限界螺紋環規

規 格	限界螺紋栓規	限界螺紋環規	規 格	限界螺紋栓規	限界螺紋環規
	價(支)格	價(組)格		價(支)格	價(組)格
M 22 × 2.0	3,800.00	7,600.00	M 32 × 1.5	4,900.00	9,800.00
" 22 × 2.5	4,050.00	8,100.00	" 32 × 2.0	5,000.00	10,000.00
" 24 × 1.0	4,550.00	9,100.00	" 33 × 1.5	5,500.00	11,000.00
" 24 × 1.5	3,900.00	7,800.00	" 33 × 2.0	6,000.00	12,000.00
" 24 × 2.0	4,000.00	8,000.00	" 33 × 3.0	5,900.00	11,800.00
M 24 × 3.0	4,600.00	9,200.00	M 33 × 3.5	6,200.00	12,400.00
" 25 × 1.0	4,700.00	9,400.00	" 35 × 1.5	5,300.00	10,600.00
" 25 × 1.5	4,000.00	8,000.00	" 35 × 2.0	7,600.00	15,200.00
" 25 × 2.0	4,050.00	8,100.00	" 36 × 1.5	5,400.00	10,800.00
" 26 × 1.0	4,850.00	9,700.00	" 36 × 2.0	5,400.00	10,800.00
M 26 × 1.5	4,100.00	8,200.00	M 36 × 3.0	6,300.00	12,600.00
" 27 × 1.0	4,950.00	9,900.00	" 36 × 4.0	6,700.00	13,400.00
" 27 × 1.5	4,200.00	8,400.00	" 38 × 1.5	6,400.00	12,800.00
" 27 × 2.0	4,250.00	8,500.00	" 38 × 2.0	5,900.00	11,800.00
" 27 × 3.0	5,000.00	10,000.00	" 38 × 3.0	6,500.00	13,000.00
M 28 × 1.0	5,150.00	10,300.00	M 40 × 1.5	7,350.00	14,700.00
" 28 × 1.5	4,350.00	8,700.00	" 40 × 2.0	8,350.00	16,700.00
" 28 × 2.0	4,400.00	8,800.00	" 40 × 3.0	7,100.00	14,200.00
" 30 × 1.0	5,400.00	10,800.00	" 42 × 1.5	7,900.00	15,800.00
" 30 × 1.5	4,500.00	9,000.00	" 42 × 2.0	8,600.00	17,200.00
M 30 × 2.0	4,600.00	9,200.00	M 45 × 1.5	8,800.00	17,600.00
" 30 × 3.0	5,400.00	10,800.00	" 45 × 2.0	9,000.00	18,000.00
" 30 × 3.5	5,500.00	11,000.00	" 48 × 1.5	9,450.00	18,900.00
" 32 × 1.0	6,350.00	12,700.00	" 48 × 2.0	10,000.00	20,000.00

英制牙(W)

W 1/8 - 40	4,350.00	8,700.00	W 7/8 - 9	6,600.00	13,200.00
" 5/32 - 32	4,350.00	8,700.00	" 1 - 8	7,200.00	14,400.00
" 3/16 - 24	4,350.00	8,700.00	" 1 1/8 - 7	8,500.00	17,000.00
" 1/4 - 20	4,350.00	8,700.00	" 1 1/4 - 7	9,300.00	18,600.00
" 5/16 - 18	4,350.00	8,700.00	" 1 3/8 - 6	10,000.00	25,000.00
W 3/8 - 16	4,350.00	8,700.00	W 1 1/2 - 6	10,800.00	27,000.00
" 7/16 - 14	4,600.00	9,200.00	" 1 5/8 - 5	11,800.00	29,500.00
" 1/2 - 12	4,800.00	9,600.00	" 1 3/4 - 5	12,700.00	31,800.00
" 5/8 - 11	5,200.00	10,400.00	" 1 7/8 - 4 1/2	15,000.00	37,500.00
" 3/4 - 10	6,200.00	12,400.00	" 2 - 4 1/2	17,000.00	42,500.00

限界螺紋牙規

Plug Gauges & Ring Gauges



限界螺紋栓規



限界螺紋環規

美制粗牙(UNC)

規 格	限界螺紋栓規	限界螺紋環規	規 格	限界螺紋栓規	限界螺紋環規
	價(支)格	價(組)格		價(支)格	價(組)格
NO 1 - 64 UNC	6,300.00	—	3/8 - 16 UNC	3,150.00	6,300.00
" 2 - 56 "	5,000.00	13,000.00	7/16 - 14 "	3,300.00	6,600.00
" 3 - 48 "	4,500.00	—	1/2 - 13 "	3,350.00	6,700.00
" 4 - 40 "	4,000.00	8,000.00	9/16 - 12 "	3,550.00	7,100.00
" 5 - 40 "	4,000.00	8,450.00	5/8 - 11 "	3,750.00	7,500.00
NO 6 - 32 UNC	3,350.00	6,700.00	3/4 - 10 UNC	4,350.00	8,700.00
" 8 - 32 "	3,300.00	6,600.00	7/8 - 9 "	4,700.00	9,400.00
" 10 - 24 "	3,000.00	6,000.00	1 - 8 "	5,200.00	10,400.00
" 12 - 24 "	3,100.00	6,200.00	1 1/8 - 7 "	5,950.00	11,900.00
1/4 - 20 "	3,100.00	6,200.00	1 1/4 - 7 "	6,750.00	13,500.00
5/16 - 18 "	3,100.00	6,200.00	1 1/2 - 6 "	8,900.00	—

美制細牙(UNF)

NO 1 - 72 UNF	6,300.00	—	7/16 - 20 UNF	3,300.00	6,600.00
" 2 - 64 "	5,100.00	—	1/2 - 20 "	3,350.00	6,700.00
" 3 - 56 "	5,300.00	—	9/16 - 18 "	3,500.00	7,000.00
" 4 - 48 "	4,300.00	9,500.00	9/16 - 20 UNS	4,800.00	9,600.00
" 5 - 44 "	4,300.00	—	5/8 - 18 UNF	3,650.00	7,300.00
NO 6 - 40 UNF	3,350.00	6,700.00	3/4 - 16 UNF	4,050.00	8,100.00
" 8 - 36 "	3,300.00	6,600.00	7/8 - 14 "	4,200.00	8,400.00
" 10 - 32 "	3,100.00	6,200.00	1 - 12 "	4,700.00	9,400.00
" 12 - 28 "	3,100.00	6,200.00	1 - 14 UNS	7,100.00	14,200.00
3/16 - 32 UNS	3,200.00	6,400.00	1 1/8 - 12 UNF	4,950.00	9,900.00
1/4 - 28 UNF	3,100.00	6,200.00	1 1/4 - 12 UNF	5,650.00	11,300.00
5/16 - 24 "	3,150.00	6,300.00	1 3/8 - 12 "	6,050.00	12,100.00
3/8 - 24 "	3,300.00	6,600.00	1 1/2 - 12 "	7,000.00	14,000.00

美制特細牙(UNEF)

1/4 - 32 UNEF	4,300.00	8,600.00	1/2 - 32 UNEF	4,600.00	9,200.00
5/16 - 32 "	4,350.00	8,700.00	9/16 - 24 "	4,800.00	9,600.00
3/8 - 32 "	4,100.00	8,200.00	5/8 - 24 "	4,850.00	9,700.00
7/16 - 24 "	5,050.00	10,100.00	3/4 - 20 "	5,550.00	11,100.00
7/16 - 28 "	4,550.00	9,100.00	7/8 - 20 "	6,050.00	12,100.00
1/2 - 28 "	4,550.00	9,100.00	1 - 20 "	6,500.00	13,000.00

限界螺紋牙規

Plug Gauges & Ring Gauges



限界螺紋栓規



限界螺紋環規

針車牙(SM)

規 格	限界螺紋栓規	限界螺紋環規	規 格	限界螺紋栓規	限界螺紋環規
	價(支)格	價(組)格		價(支)格	價(組)格
3/32 - 56 SM	5,400.00	—	15/64 - 28 SM	4,100.00	8,200.00
1/8 - 40 "	4,100.00	—	1/4 - 24 "	4,100.00	8,200.00
1/8 - 44 "	4,200.00	—	1/4 - 28 "	4,100.00	8,200.00
9/64 - 40 "	4,100.00	—	1/4 - 40 "	4,100.00	8,200.00
11/64 - 40 SM	4,100.00	—	9/32 - 20 SM	4,100.00	8,200.00
3/16 - 24 "	4,100.00	—	9/32 - 28 "	4,100.00	8,200.00
3/16 - 28 "	4,100.00	—	5/16 - 28 "	4,300.00	8,600.00
3/16 - 32 "	4,100.00	—	3/8 - 28 "	4,400.00	8,800.00

英制管用直牙

PS(PF) 1/8 - 28	4,300.00	8,600.00
" 1/4 - 19	4,500.00	9,000.00
" 3/8 - 19	4,800.00	9,600.00
" 1/2 - 14	5,700.00	11,400.00
" 5/8 - 14	6,600.00	13,200.00
PS(PF) 3/4 - 14	6,400.00	12,800.00
" 1 - 11	8,400.00	16,800.00
" 1 1/4 - 11	10,500.00	21,000.00
" 1 1/2 - 11	12,000.00	24,000.00
" 2 - 11	17,000.00	34,000.00

美制管用直牙

NPSM 1/8 - 27	5,590.00	11,180.00
" 1/4 - 18	5,850.00	11,700.00
" 3/8 - 18	6,240.00	12,480.00
" 1/2 - 14	7,410.00	14,820.00
" 5/8 - 14	8,580.00	17,160.00
NPSM 3/4 - 14	8,320.00	16,640.00
" 1 - 11 1/2	10,920.00	21,840.00
" 1 1/4 - 11 1/2	13,650.00	27,300.00
" 1 1/2 - 11 1/2	15,600.00	31,200.00
" 2 - 11 1/2	22,100.00	44,200.00

英制管用斜牙

PT 1/16 - 28	7,385.00	11,075.00
" 1/8 - 28	5,350.00	8,020.00
" 1/4 - 19	5,610.00	8,405.00
" 3/8 - 19	6,495.00	9,675.00
" 1/2 - 14	7,260.00	10,820.00
PT 3/4 - 14	8,530.00	12,730.00
" 1 - 11	10,060.00	15,025.00
" 1 1/4 - 11	11,970.00	17,950.00
" 1 1/2 - 11	13,625.00	20,370.00
" 2 - 11	16,295.00	24,445.00

美制管用斜牙

PT/NPT 環規：只		
NPT 1/16 - 27	9,550.00	14,260.00
" 1/8 - 27	6,875.00	10,315.00
" 1/4 - 18	7,260.00	10,820.00
" 3/8 - 18	8,405.00	12,605.00
" 1/2 - 14	9,420.00	14,130.00
NPT 3/4 - 14	11,075.00	16,550.00
" 1 - 11 1/2	12,985.00	19,480.00
" 1 1/4 - 11 1/2	15,530.00	23,300.00
" 1 1/2 - 11 1/2	17,695.00	26,480.00
" 2 - 11 1/2	21,135.00	31,700.00

限界螺紋牙規之種類及記號

Type & Symbol for Plug Gauges & Ring Gauges

限界螺紋栓規：專測母螺牙之有效徑用

檢查螺紋之有效徑		記號	種類
母螺牙 		GP WP	工作、檢查共用貫通栓規 工作用不貫通栓規
		GP IP	工作、檢查共用貫通栓規 檢查用不貫通栓規
		GP	工作、檢查共用貫通栓規
		WP	工作用不貫通栓規
		IP	檢查用不貫通栓規

限界螺紋環規：專測公螺牙之有效徑用

公螺牙 		GR	工作、檢查共用貫通環規
		WR	工作用不貫通環規
		IR	檢查用不貫通環規

使用說明：

1. 限界螺紋牙規，每一組是由貫通側(GO)及不貫通側(NO GO)組成。
2. 檢查時，貫通側需全部旋轉通過，不貫通側旋轉以不超過2牙為標準合格品。
3. 栓環規貫通側與不貫通測之辨認：
栓規及環規之貫通側，螺紋較長(厚)；不貫通側較短(薄)，且有刻紋。

螺紋規格	記號	牙山角度	螺紋等級
公制牙(ISO)	M	60°	4H/5H/6H/7H(栓規)
公制牙(JIS)	M	60°	4h/5h/6h/7h(環規)
英制粗牙	W	55°	3B/2B/1B(栓規) 3A/2A/1A(環規)
美制粗牙	UNC	60°	
美制細牙	UNF、UNS	60°	
美制特細牙	UNEF	60°	
針車牙	SM	60°	1級/2級/3級