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Telephone 800-258-7162 or 603-332-9000
Fax 1-603-332-8069

Special Taps--Application Data Sheet

Please provide as much information as possible when ordering Special Taps

In order that Jarvis may render an intelligent and efficient service to you, it is important that complete information be furnished. All requests for Special Taps should state purchase order number and quantity, and include information pertaining to that specific application. If it is a repeat order, please refer to the previous order number.

When ordering special taps, the following information should be given.

1. Type of Tap (Hand, Pipe, Pulley, etc.)
2. Direction of cut (Right or Left Hand)
3. General Dimensions of Tap
 - (a) Overall Length
 - (b) Thread Length
 - (c) Shank Diameter
 - (d) Chamfer Length

NOTE: If no general dimensions are given for special taps having American National Thread Form, they will be made to dimensions shown in Table 302, except fine pitch taps over 1" which qualify for Table 303.

4. Flutes:
 - (a) Number of Flutes
 - (b) Straight or Helical
 - (c) If Helical, state hand of helix
5. Threads:
 - (a) Form (American National, American Standard Straight Pipe, etc.)
 - (b) Nominal Size
 - (c) Threads per Inch
 - (d) Single or Multiple Lead
6. Projection (for Taper Pipe Taps)
7. Pitch Diameter Limits of Tap or Class of Fit Required
8. Pitch Diameter Limits of Gage
 - (a) Go
 - (b) No Go
9. Material to be tapped
 - (a) Material
 - (b) Hardness
 - (c) Annealed or Heat Treated
 - (d) Specification Number
10. Hole:
 - (a) Blind or Through (For blind holes, give clearance beyond the thread depth.)
 - (b) Depth
 - (c) Wall thickness of part, if less than 1/2 inch
11. Part print, if available
12. Type of Tapping Machine and Coolant used.

ACME AND MODIFIED SQUARE THREAD TAPS

For design and quotation purposes the following information is essential:

1. Sketch or Part Print
2. Type of thread (General Purpose Acme; Centralizing Acme; Stub Acme; or Modified Square)
3. Size and Pitch (Basic major diameter and threads per inch.)
4. Right and Left Hand Thread
5. Lead, if other than single
6. Pitch diameter of Go and No Go gages
7. Class of thread: 2G (Class 2G furnished unless otherwise specified), 3G, or 4G for General Purpose Acme; 2C, 3C, 4C, 5C or 6C for Centralizing Acme
8. Material to be tapped
9. Type of tapped hole:
 - (a) Through Hole—Give overall thickness of part and length of thread
 - (b) Counterbored Hole—Give overall thickness of part, length of threaded portion, and advise which end tap will enter.
 - (c) Blind Hole—Give length of thread and length of clearance at bottom of hole
10. Bore Size (Minor diameter of tapped hole)

FOR PRICING, CALL THE FACTORY



Telephone 800-258-7162 or 603-332-9000
Fax 1-603-332-8069

Special Taps—Right or Left Hand—from Straight Fluted Blanks

1 inch diameter and smaller including metric sizes

Size	Max Pitch	Size (mm)	Min Pitch	1	2	3-5	6-7	8-11	12-23	24-47	48-71	72-95	96-143	144-239	Sppt Add
0	100	M1.6	0.3	94.87	70.77	50.55	27.18	24.45	21.71	18.66	16.17	14.73	13.11	11.87	1.33
1	100	M1.8	0.3	94.04	70.01	49.84	34.16	27.54	20.92	17.83	15.21	13.77	12.40	10.91	1.16
2	100	M2	0.3	93.55	69.28	49.14	33.45	26.89	20.34	17.17	14.73	13.11	11.87	10.38	1.16
3	100	M2.5	0.3	88.78	65.47	44.84	29.58	23.55	17.46	14.55	12.70	11.15	9.72	8.28	0.89
4	100	-----	-----	85.68	61.83	42.10	26.65	21.22	15.80	12.64	10.91	8.47	8.11	6.85	0.89
5	100	M3	0.3	85.68	61.83	42.10	26.65	21.22	15.80	12.64	10.91	8.47	8.11	6.85	0.89
6	100	M3.5	0.3	83.53	59.75	40.37	25.47	19.86	14.31	11.33	9.77	7.87	6.79	5.96	0.77
8	100	M4	0.3	83.59	59.93	40.54	25.69	20.03	14.37	11.57	9.84	8.11	6.92	6.20	0.77
10	100	M5	0.3	83.59	59.93	40.54	25.69	20.03	14.37	11.57	9.84	8.11	6.92	6.20	0.77
12	100	M5.5	0.3	86.15	62.61	42.39	27.31	21.10	14.90	12.40	10.31	8.77	7.40	6.32	0.77
1/4	80	M6	0.3	86.76	63.14	42.93	27.84	21.88	15.92	12.82	10.85	9.48	8.11	6.79	0.82
5/16	80	M7, M8	0.3	87.29	63.68	43.46	28.56	22.41	16.22	13.19	11.57	10.01	8.59	7.28	0.89
3/8	80	M9, M10	0.3	90.62	66.78	46.63	31.07	24.45	17.83	14.79	12.28	10.85	9.48	8.11	0.89
7/16	80	M11	0.3	93.55	69.35	49.14	33.45	26.96	20.44	17.23	14.73	13.60	11.98	10.49	0.99
1/2	80	M12	0.4	96.06	71.50	51.33	36.26	29.52	22.71	18.95	16.34	15.03	13.72	12.16	1.33
9/16	64	M14	0.4	98.02	73.40	53.31	38.58	31.73	24.74	20.87	18.49	17.23	15.68	12.99	1.77
5/8	64	M16	0.4	102.02	77.16	57.48	42.69	35.72	28.75	24.74	22.49	20.56	18.71	17.02	1.87
11/16	64	M18	0.4	105.54	80.68	60.16	46.86	39.24	31.60	27.84	25.22	23.37	21.27	19.35	2.48
3/4	64	-----	-----	109.24	84.91	65.40	51.33	43.23	35.07	31.24	28.86	26.18	23.81	21.66	2.98
13/16	64	M20	0.4	116.27	89.62	70.30	56.41	47.57	38.70	34.99	32.50	29.69	27.02	24.58	3.75
7/8	64	M22	0.4	121.46	94.98	76.14	62.00	51.82	44.12	40.67	37.92	34.94	31.80	28.93	4.03
15/16	64	M24	0.4	123.67	97.66	78.53	64.81	55.87	46.93	41.80	39.36	37.32	33.97	30.90	4.31
1"	64	M25	0.4	133.97	117.58	87.59	74.00	64.57	55.10	50.45	46.44	42.69	38.86	35.36	5.24

When Ordering Special Taps

Please refer to a previous order or give the Jarvis part number to speed up processing. For new items or first time buys, please provide a complete description of the tap—size and threads per inch, right hand or left hand, tap dimensions, number of flutes, pitch diameter limits or class of fit or gage limits, material to be tapped, hole specifications (blind or through, depth, thread depth), provide tap and/or part prints when available.



Telephone 800-258-7162 or 603-332-9000
Fax 1-603-332-8069

Special Taps—Right or Left Hand—from Straight Fluted Blanks
Larger than 1 inch diameter including metric sizes

Size	Max Pitch	Size (mm)	Min Pitch	Blank	1	2	3-5	6-7	8-11	12-23	24-47
1 1/16	13	M27	2.0	Long	151.03	122.53	103.63	89.13	79.42	69.70	63.32
1 1/16	55	M27	0.5	Short	136.90	107.92	87.64	73.34	63.39	53.48	49.62
1 1/8	13	—	—	Long	151.03	122.53	103.63	89.13	79.42	69.70	63.32
1 1/8	55	—	—	Short	136.90	107.92	87.64	73.34	63.39	53.48	49.62
1 3/16	13	M30	2.0	Long	169.51	139.88	120.61	107.03	95.70	84.30	78.22
1 3/16	55	M30	0.5	Short	151.38	121.81	101.79	86.28	76.14	66.01	62.00
1 1/4	13	—	—	Long	169.51	139.88	120.61	107.03	95.70	84.30	78.22
1 1/4	55	—	—	Short	151.38	121.81	101.79	86.28	76.14	66.01	62.00
1 5/16	13	M33	2.0	Long	188.52	160.15	138.75	114.35	104.28	94.21	82.94
1 5/16	55	M33	0.5	Short	163.19	130.99	110.73	95.88	86.40	76.91	70.53
1 3/8	13	—	—	Long	188.52	160.15	138.75	114.35	104.28	94.21	82.94
1 3/8	55	—	—	Short	163.19	130.99	110.73	95.88	86.40	76.91	70.53
1 7/16	13	M36	2.0	Long	214.35	196.46	168.86	150.55	132.48	114.48	96.83
1 7/16	55	M36	0.5	Short	173.45	142.03	121.81	106.84	97.37	87.89	81.38
1 1/2	13	M38	2.0	Long	214.35	196.46	168.86	150.55	132.48	114.48	96.83
1 1/2	55	M38	0.5	Short	173.45	142.03	121.81	106.84	97.37	87.89	81.38
1 5/8	9	M39	2.0	Long	235.75	218.16	189.73	169.51	158.00	146.44	130.99
1 5/8	55	M39	0.5	Short	208.74	188.65	160.15	140.07	128.73	117.41	101.79
1 3/4	9	M42	2.0	Long	265.98	230.93	203.37	181.56	170.53	159.44	143.93
1 3/4	55	M42	0.5	Short	219.48	200.39	171.77	151.44	140.12	128.79	113.29
1 7/8	9	M45	2.0	Long	284.66	270.16	232.77	213.21	201.77	190.20	171.77
1 7/8	55	M45	0.5	Short	229.79	211.67	183.05	163.08	151.57	140.07	124.50
2	9	M48	3.0	Long	296.40	282.80	245.24	226.04	214.53	203.03	184.60
2	47	M48	0.5	Short	240.59	223.17	194.43	174.70	164.44	154.19	136.31
2 1/8	9	—	—	Long	320.97	309.10	271.41	249.94	239.16	228.42	209.94
2 1/8	47	—	—	Short	287.69	272.96	235.16	215.67	203.98	192.35	174.11
2 1/4	9	M56	3.0	Long	399.91	384.93	337.72	303.97	290.01	276.07	257.70
2 1/4	47	M56	0.5	Short	309.10	296.40	258.48	239.08	227.46	215.90	197.36
2 3/8	9	—	—	Long	417.85	404.31	356.92	323.41	309.52	295.67	273.56
2 3/8	47	—	—	Short	326.62	315.18	277.48	257.82	246.30	234.80	216.14
2 1/2	9	—	—	Long	444.15	432.64	385.24	351.60	337.72	323.82	305.27
2 1/2	47	—	—	Short	383.32	366.51	319.35	285.78	271.77	257.82	239.46
2 5/8	9	M64	3.0	Long	474.44	465.25	417.80	384.35	370.39	356.49	337.83
2 5/8	47	M64	0.5	Short	402.70	387.80	340.57	307.07	294.01	281.02	260.51
2 3/4	9	—	—	Long	587.30	553.91	473.66	435.02	421.24	407.42	388.63
2 3/4	47	—	—	Short	421.36	407.95	360.49	326.98	313.03	299.08	280.66
2 7/8	9	M72	3.0	Long	611.57	579.97	499.95	461.56	447.54	443.60	414.87
2 7/8	47	M72	0.5	Short	428.59	428.70	381.24	347.79	333.84	319.83	301.34
3	9	—	—	Long	646.33	617.47	537.58	—	—	—	—
3	47	—	—	Short	464.24	454.46	407.42	—	—	—	—



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Special Taps—Jarflös (forming taps)

Size	Max Pitch	Size (mm)	Min Pitch	1	2	3-5	6-11	12-23	24-47	48-71	72-95	96-143	144-239
0	100	M1.6	0.3	133.16	99.56	71.49	49.84	31.38	27.02	23.57	21.63	19.49	17.69
1	100	M1.8	0.3	131.98	98.59	70.58	48.60	30.21	25.92	22.39	20.24	18.38	16.38
2	100	M2.0	0.3	131.25	97.59	69.47	47.62	29.43	25.16	21.63	19.48	17.69	15.54
3	100	M2.5	0.3	124.69	92.20	63.52	42.28	25.49	21.35	18.79	16.72	14.64	12.71
4	100	—	—	120.26	87.16	59.71	38.22	23.08	18.73	14.64	12.97	11.18	10.64
5	100	M3.0	0.3	120.26	87.16	59.71	38.22	23.08	18.73	14.64	12.97	11.18	10.64
6	100	M3.5	0.3	117.29	84.30	57.22	36.56	21.07	16.86	13.13	11.68	10.08	9.73
8	100	M4.0	0.3	118.73	85.76	58.73	38.13	22.30	18.09	14.36	12.91	11.31	10.96
10	100	M5.0	0.3	118.73	85.76	58.73	38.13	22.30	18.09	14.36	12.91	11.31	10.96
12	100	M5.5	0.3	122.32	89.49	61.43	38.98	23.20	19.61	15.88	14.20	12.42	11.87
1/4	80	M6.0	0.3	123.08	90.11	62.05	41.03	24.52	20.17	16.52	14.36	12.91	12.12
5/16	80	M8.0	0.3	124.61	91.78	61.24	42.99	25.78	21.63	19.21	17.20	15.27	13.26
3/8	80	M10	0.3	129.25	96.07	68.00	46.51	27.98	23.77	20.31	18.31	16.37	14.50
7/16	80	M11	0.3	133.32	99.66	71.53	49.75	31.58	27.23	22.17	22.11	19.97	17.82
1/2	80	M12	0.4	136.84	102.77	74.78	53.69	34.82	29.57	25.98	24.18	22.32	20.10
9/16	64	M14	0.4	143.07	108.93	80.53	60.33	41.12	35.73	32.48	30.75	28.62	26.65
5/8	64	M16	0.4	148.60	114.11	86.66	66.13	46.79	41.12	38.01	35.24	32.67	30.34
11/16	64	M18	0.4	155.46	120.90	92.50	73.96	52.68	47.42	43.77	41.34	38.41	35.74
3/4	64	—	—	160.72	126.98	99.68	80.33	57.58	52.27	48.95	45.22	41.94	38.96
13/16	64	M20	0.4	171.90	134.78	108.03	88.61	63.87	58.83	55.37	51.49	47.77	44.38
7/8	64	M22	0.4	179.16	142.31	115.98	96.49	71.54	66.63	62.97	58.83	54.44	50.47
15/16	64	M24	0.4	182.13	146.05	119.44	100.30	75.34	68.22	64.90	62.14	57.46	53.21
1"	64	M25	0.4	202.55	164.68	137.79	118.99	92.73	86.22	82.15	75.44	70.10	65.24
1 1/16	13	M27	2.0	209.39	169.88	143.68	123.58	96.64	87.78	82.69	Long—5 1/8" overall length		
1 1/16	55	M27	0.5	189.80	149.63	121.51	101.68	74.15	68.78	64.79	Short—4" overall length		
1 1/8	13	—	—	209.39	169.88	143.68	123.58	96.64	87.78	82.69	Long—5 7/16" overall length		
1 1/8	55	—	—	189.80	149.63	121.51	101.68	74.15	68.78	64.79	Short—4" overall length		
1 3/16	13	M30	2.0	235.01	193.94	167.23	148.38	116.89	108.45	102.16	Long—5 7/16" overall length		
1 3/16	55	M30	0.5	209.88	168.88	141.11	119.62	91.52	85.96	80.98	Short—4" overall length		
1 1/4	13	—	—	235.01	193.94	167.23	148.38	116.89	108.45	102.16	Long—5 3/4" overall length		
1 1/4	55	—	—	209.88	168.88	141.11	119.62	91.52	85.96	80.98	Short—4" overall length		
1 5/16	13	M33	2.0	261.38	222.04	192.36	158.54	130.61	114.99	108.32	Long—5 3/4" overall length		
1 5/16	55	M33	0.5	226.25	181.61	153.51	132.93	106.63	97.79	92.12	Short—4" overall length		
1 3/8	13	—	—	261.38	222.04	192.36	158.54	130.61	114.99	108.32	Long—6 1/16" overall length		
1 3/8	55	—	—	226.25	181.61	153.51	132.93	106.63	97.79	92.12	Short—4" overall length		
1 7/16	13	M36	2.0	297.17	272.38	234.11	208.73	158.71	134.25	126.47	Long—6 1/16" overall length		
1 7/16	55	M36	0.5	240.47	196.91	168.88	148.13	121.85	112.83	106.29	Short—4" overall length		
1 1/2	13	M38	2.0	297.17	272.38	234.11	208.73	158.71	134.25	126.47	Long—6 3/8" overall length		
1 1/2	55	M38	0.5	240.47	196.91	168.88	148.13	121.85	112.83	106.29	Short—4" overall length		



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Special Taps-Stub Jarflos for in-die tapping

Tap Size	Jarvis Part Number	Unit Price
2-56 H3	843944	13.40
4-40 H3	837242	13.40
4-40 H5 (2B)	843945	13.40
4-40 H7	837343	13.40
4-48 H5	837344	13.40
5-40 H5	837312	11.60
6-32 H5 (2B)	841624	10.30
6-32 H7	837342	10.30
6-40 H5	837313	10.30
8-32 H5 (2B)	843946	10.30
8-32 H7	843241	10.30
10-24 H6	837310	10.74
10-32 H5	837341	10.74
10-32 H6 (2B)	843947	10.74
10-32 H7	837340	10.74
10-32 H8	843662	10.74
12-24 H6	834094	12.50
12-28 H6	843948	12.50
1/4-20 H6	843660	17.90
1/4-28 H6	843661	17.90
5/16-18 H7	859027	18.80

Tap Size	Jarvis Part Number	Unit Price
M2 X 0.4 D5	843147	13.40
M2.5 X 0.45 D5	843148	13.40
M3 X 0.5 D3	837359	13.40
M3 X 0.5 D5 (6H)	837239	13.40
M3 X 0.5 D7	843525	13.40
M3.5 X 0.6 D6 (6H)	837338	12.06
M3.5 X 0.6 D7	837350	12.06
M4 X 0.7 D3	837240	11.60
M4 X 0.7 D5	837470	11.60
M4 X 0.7 D6 (6H)	843949	11.60
M5 X 0.8 D7	842628	13.40
M6 X 1.0 D8	843659	17.90
M8 X 1.25 D9	859024	18.80

Special Stub Jarflos

Quantities	#2 (M2) thru #12 (M5)	1/4" (M6) and 5/16" (M8)
10	25.55	32.35
20	17.69	25.90
30	15.34	25.90
40	12.92	21.08
50	12.26	21.08
60	11.23	18.09
80	9.83	16.18
100+	9.28	15.35



Telephone 800-258-7162 or 603-332-9000
Fax 1-603-332-8069

Special Taps—Spiral fluted—Slow (Regular Spiral), Plug or Bottom and Fast Spiral, Bottom

Size	Max Pitch	Size (mm)	Min Pitch	1	2	3-5	6-11	12-23	24-47	48-71	72-95	96-143	144-239
3	100	M2.5	0.3	94.33	70.30	49.49	33.50	21.05	18.07	16.22	14.52	13.07	11.76
4	100	---	---	90.45	66.06	45.67	30.11	18.54	15.44	13.95	12.48	11.23	10.05
5	100	M3.0	0.3	90.45	66.06	45.67	30.11	18.54	15.44	13.95	12.48	11.23	10.05
6	100	M3.5	0.3	88.78	64.22	43.95	28.32	17.00	13.77	12.11	12.04	9.74	8.78
8	100	M4.0	0.3	88.78	64.22	43.95	28.32	17.00	13.77	12.11	12.04	9.74	8.78
10	100	M5.0	0.3	89.01	64.52	44.42	28.56	17.05	14.07	12.23	10.95	9.85	8.87
12	100	M5.5	0.3	91.41	66.90	46.03	30.41	17.83	14.90	12.88	11.53	10.38	9.33
1/4	80	M6.0	0.3	91.70	67.20	46.44	30.82	18.07	15.03	13.19	11.78	10.62	9.56
5/16	80	M8.0	0.3	92.30	68.21	47.28	31.60	18.85	15.62	14.07	12.28	11.35	10.22
3/8	80	M10	0.3	96.41	71.72	50.55	34.58	21.05	17.88	15.03	14.95	13.46	10.90
7/16	80	M11	0.3	99.27	74.77	53.67	37.69	23.90	20.87	18.24	16.34	14.71	13.24
1/2	80	M12	0.4	102.14	77.46	56.41	41.44	27.13	23.20	20.56	18.41	16.58	14.91
9/16	64	M14	0.4	108.58	82.52	60.46	44.37	29.64	25.82	23.07	20.66	18.60	16.74
5/8	64	M16	0.4	113.35	87.17	66.06	49.49	34.58	30.77	28.32	25.37	22.83	20.54
11/16	64	M18	0.4	118.05	91.28	69.53	54.62	38.58	34.58	32.09	28.73	25.86	23.26
3/4	64	---	---	123.12	97.07	81.21	60.46	43.35	39.46	36.91	33.06	29.74	26.31
7/8	64	M22	0.4	136.90	109.60	89.32	74.00	55.03	51.21	48.59	43.50	39.16	35.24
1"	64	M25	0.4	153.18	124.79	104.28	96.47	69.40	65.40	63.08	56.48	50.85	45.75

Special Taps—Pipe—Taper and Straight; Special Projections and Pitch Diameters made from Fluted Blanks

Tap Size	Std Proj	Min Proj	1	2	3-5	6-11	12-23	24-47	48-71	72-95
1/16-27	.312	.110	93.96	69.64	48.77	32.37	18.95	15.80	13.36	13.08
1/8-27	.312	.100	96.58	72.26	51.52	34.94	21.64	18.66	16.04	15.21
1/4-18	.459	.087	102.62	77.39	57.24	41.39	27.26	23.73	21.17	20.22
3/8-18	.454	.160	109.11	83.59	63.03	48.84	33.33	29.75	27.26	25.88
1/2-14	.579	.164	124.68	98.15	79.00	63.98	50.63	42.63	40.25	38.22
3/4-14	.565	.264	136.18	108.58	88.78	74.89	55.75	51.99	49.55	44.02
1- 11 1/2	.678	.115	163.74	135.17	113.23	98.73	80.55	74.36	65.29	61.29
1 1/4- 11 1/2	.686	.474	210.65	191.99	164.44	144.83	122.76	107.56	102.20	97.07
1 1/2- 11 1/2	.699	.490	245.59	229.67	201.95	182.39	160.21	145.37	138.15	131.18
2- 11 1/2	.667	.456	313.69	293.65	260.20	234.21	211.06	193.13	183.34	174.23



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Special Taps—Coolant through—Right hand and Left hand

Tap Size	Max Pitch	Metric Size	Min Pitch	6-11	12-23	24-47	48-71	72+
1/4	80	M6	0.6	47.96	29.65	26.23	22.94	20.63
5/16	80	M8	0.7	49.52	30.68	27.16	23.70	21.38
3/8	80	M10	0.7	50.79	31.43	27.79	24.27	21.83
7/16	80	-----	-----	54.60	34.32	29.65	26.41	24.56
1/2	80	M12	0.7	58.47	36.75	31.55	28.20	27.10
9/16	64	M14	0.8	61.94	46.11	36.29	32.41	31.15
5/8	64	M16	0.8	66.39	53.56	42.12	37.62	36.12
3/4	64	-----	-----	74.94	58.30	45.93	41.03	39.46
7/8	48	M22	0.8	90.43	73.39	59.75	-----	-----
1	48	M25	0.8	107.87	91.69	74.01	-----	-----
1 1/8	32	-----	-----	129.89	115.96	100.94	-----	-----
1 1/4	24	-----	-----	156.06	140.23	124.69	-----	-----
1 1/2	24	-----	-----	219.51	190.50	154.39	-----	-----

Special Taps—J80's

Tap Size	Semi-Bottom	Bottom	Price
1/4-20 NC H5 4FL	272425	272424	5.79
1/4-20 NC H3 3FL	272423	272422	5.79
1/4-28 NF H4 4FL	272433	272432	5.79
1/4-28 NF H3 3FL	272431	272430	5.79
5/16-18 NC H5 4FL	272486	272485	6.36
5/16-18 NC H3 3FL	272484	272483	6.36
5/16-24 NF H4 4FL	272493	272492	6.36
5/16-24 NF H3 3FL	272491	272490	6.36
3/8-16 NC H5 4FL	272565	272564	7.56
3/8-16 NC H3 3FL	272561	272560	7.56
3/8-24 NF H4 4FL	272589	272587	7.56
3/8-24 NF H3 3FL	272582	272581	7.56
7/16-14 NC H5 4FL	272644	272643	7.87
7/16-20 NF H3 4FL	272655	272654	7.87
1/2-13 NC H5 4FL	272723	272722	10.12
1/2-20 NF H3 4FL	272735	272734	10.12
9/16-12 NC H5 4FL	272756	272755	13.20
9/16-18 NF H3 4FL	272765	272764	13.20
5/8-11 NC H5 4FL	272887	272886	14.41
5/8-18 NF H4 4FL	272895	272894	14.41
3/4-10 NC H5 4FL	272907	272906	18.28
3/4-16 NF H4 4FL	272915	272914	18.28



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Special Taps--Standard VHP Jarteks
Spiral Pointed and Spiral Fluted stocked with TiN Coating

Tap Size	H2	H3	H4	H5	H6	H7	H8	H9	Price
4-40 2FL	115540	115545	115555	115570	115571	-----	---	---	9.15
4-40 3FL	-----	115585	115586	115587	-----	-----	---	---	9.15
6-32 2FL	115605	115610	115615	115620	115635	-----	---	---	7.80
6-32 3FL	115655	115665	115670	115675	115690	115695	---	---	7.80
8-32 3FL	115715	115720	115725	115730	115750	115755	---	---	8.90
10-24 3FL	-----	115762	115761	115764	115763	115766	---	---	8.90
10-32 3FL	115775	115780	115785	115790	115810	115815	115816	115818	8.90
1/4-20 3FL	-----	115822	115823	115824	115827	115826	---	---	9.64
1/4-28 3FL	115835	115840	115845	115850	115855	115860	115865	---	9.64
5/16-18 3FL	115871	115872	115873	115874	115875	115876	---	---	11.21
5/16-24 3FL	115890	115895	115900	115905	115910	115915	115917	---	11.21
3/8-16 3FL	-----	115922	-----	115924	-----	115926	---	---	12.38
3/8-24 3FL	115935	115940	115945	115950	115955	115960	115959	---	12.38
7/16-14 3FL	-----	115962	-----	115964	-----	115966	---	---	15.17
7/16-20 3FL	-----	115975	115980	115985	115990	115995	115996	---	15.17
1/2-13 3FL	-----	116002	-----	116004	-----	116006	---	---	17.22
1/2-20 3FL	-----	116020	116025	116030	116035	116040	116041	---	17.22
9/16-18 3FL	116150	116155	116160	116165	116170	116175	116180	---	28.76
5/8-11 3FL	-----	116052	-----	116054	-----	116056	---	---	31.81
5/8-18 3FL	-----	116064	116065	116070	116075	116080	116085	116086	31.81
3/4-10 3FL	-----	116092	-----	116094	-----	116096	---	---	48.34
3/4-16 3FL	-----	116110	116115	116120	116125	116130	116133	116136	48.34
Spiral Fluted									
8-32 3SPFL	-----	116234	-----	116236	-----	-----	---	---	10.58
10-32 3SPFL	-----	116254	-----	116256	-----	-----	---	---	11.56
1/4-20 3SPFL	-----	116274	-----	116276	-----	-----	---	---	11.56
1/4-28 3SPFL	-----	116294	-----	116296	-----	-----	---	---	11.56
5/16-18 3SPFL	-----	116314	-----	116316	-----	-----	---	---	13.27
5/16-24 3SPFL	-----	116334	-----	116336	-----	-----	---	---	13.27
3/8-16 3SPFL	-----	116354	-----	116356	-----	-----	---	---	14.76
3/8-24 3SPFL	-----	116374	-----	116376	-----	-----	---	---	14.76

Special Taps-Special VHP Jarteks

Tap Size	Metric Equiv	1	2	3-5	6-11	12-23	24-47	48-71	72-95	96-143	144-239
2	M2	128.67	95.10	68.25	50.45	29.13	25.06	21.68	19.63	17.80	15.87
4	---	117.77	85.34	58.48	40.13	22.57	18.41	16.02	12.68	12.14	10.42
6	M3	114.78	82.34	55.83	38.10	20.38	16.56	14.25	11.66	10.16	9.06
8	M4	78.44	71.80	56.16	40.63	20.44	16.64	14.39	12.00	10.37	9.42
10	M5	78.44	71.80	56.16	40.63	20.44	16.64	14.39	12.00	10.37	9.42
1/4	M6	119.21	86.97	59.50	41.87	22.63	18.48	15.81	13.90	12.06	10.16
5/16	M8	119.97	87.93	60.67	42.95	23.24	19.09	16.84	14.86	12.87	10.96
3/8	M10	124.52	92.16	64.61	46.83	25.42	21.33	17.94	15.96	13.98	12.14
7/16	---	128.76	95.76	68.22	50.31	29.11	24.74	21.41	19.84	17.66	15.61
1/2	M12	132.78	99.31	71.92	55.02	32.79	27.68	24.13	22.42	20.60	18.24
9/16	M14	135.98	102.45	75.05	59.03	36.14	30.87	27.60	25.91	24.47	23.05
5/8	M16	141.57	107.76	80.90	65.23	41.79	36.33	33.20	30.54	29.11	27.21
3/4	---	153.09	121.06	93.31	82.21	52.00	46.89	43.57	39.95	37.50	33.69
1	---	190.25	153.15	126.93	110.55	80.57	76.30	70.91	---	---	---



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Special Taps--JARHOOK
for Soft A286, Aluminum, Stainless Steel--Spiral Point Plugs for Through Holes

Tap Size	Pitch	Flutes	H3	H4	H5	H6	H7	H8	H9	H10	Unit Price
4	40	2	---	114604	---	---	---	---	---	---	13.56
4	40	3	---	114619	114620	---	---	---	---	---	13.56
6	32	3	114633	114634	114635	---	---	---	---	---	11.39
8	32	3	---	114649	114650	114651	114652	---	---	---	11.39
10	32	3	114663	114664	114665	114666	114667	---	---	---	11.39
1/4	28	3	---	114679	114680	114681	114682	114683	114684	---	12.59
5/16	24	3	---	114694	114695	114696	114697	114698	---	---	14.11
3/8	24	3	---	---	114710	114711	114712	114713	---	---	16.06
7/16	20	3	---	---	114725	114726	114727	114728	---	---	20.62
1/2	20	4	---	---	114740	114741	114742	114743	114744	114745	23.87
9/16	18	4	---	---	---	114756	114757	114758	114759	114760	36.89
5/8	18	4	---	---	---	---	114772	114773	114774	114775	43.29
3/4	16	6	---	---	---	114786	114787	114788	114789	114790	68.03

Special Taps--JARTUFF
for Inconel, Waspaloy, Hard A286--Spiral Point Plugs for Through Holes

Tap Size	Pitch	Flutes	H3	H4	H5	H6	H7	H8	H9	H10	Unit Price
6	32	3	114818	114819	114820	---	---	---	---	---	11.94
8	32	3	114833	114834	114835	114836	114837	---	---	---	11.94
10	32	3	114848	114849	114850	114851	114852	114853	---	---	12.15
1/4	28	3	---	114864	114865	114866	114867	114868	114869	---	15.73
5/16	24	3	---	114879	114880	114881	114882	---	---	---	17.14
3/8	24	3	---	114894	114895	114896	114897	114898	---	---	19.31
7/16	20	3	---	---	114910	114911	114912	114913	---	---	24.85
1/2	20	4	---	---	114925	114926	114927	114928	114929	114930	28.97
9/16	18	4	114938	114939	114940	114941	114942	114943	114944	114945	38.19
5/8	18	4	---	114954	114955	114956	114957	114958	114959	114960	47.96
3/4	16	3	---	---	---	114971	114972	114973	114974	114975	75.73

Special Taps--JARTANIUM
for Titanium Alloys--Spiral Point Plugs for Through Holes

Tap Size	Pitch	Flutes	H3	H4	H5	H6	H7	H8	H9	H10	Unit Price
6	32	3	115018	115019	115020	---	---	---	---	---	11.94
8	32	4	---	115034	115035	115036	115037	---	---	---	11.94
10	32	4	115048	115049	115050	115051	115052	---	---	---	12.15
1/4	28	4	---	115064	115065	115066	115067	115068	115069	---	15.73
5/16	24	4	---	---	115080	115081	115082	---	---	---	17.14
3/8	24	4	---	---	115095	115096	115097	115098	---	---	19.31
7/16	20	4	---	---	115110	115111	115112	115113	---	---	24.85
1/2	20	4	---	---	115125	115126	115127	115128	115129	115130	28.97
9/16	18	4	---	---	---	115141	115142	114143	114144	114145	38.19
5/8	18	4	---	---	---	---	115157	115158	115159	115160	47.96
3/4	16	4	---	---	---	---	---	---	115175	115176	75.73



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Special Taps--Left Hand--Plug, Bottom and Taper

Tap Size	Flutes	Plug	Bottom	Taper	Unit Price
6-32 H3	3	261464	261476	261488	4.56
8-32 H3	4	261490	261506	261518	4.91
10-24 H3	4	261520	261531	261543	4.91
10-32 H3	4	261555	261567	261579	4.91
1/4-20 H3	4	261580	261592	261609	5.92
1/4-28 H3	4	261610	261622	261634	5.92
5/16-18 H3	4	261646	261658	261660	6.57
5/16-24 H3	4	261671	261683	261695	6.57
3/8-16 H3	4	261701	261713	261725	8.86
3/8-24 H3	4	261737	261749	261750	8.86
7/16-14 H3	4	261774	261786	261798	12.96
7/16-20 H3	4	261804	261816	261828	12.96
1/2-13 H3	4	261830	261841	261853	15.24
1/2-20 H3	4	261865	261877	261889	15.24
9/16-12 H3	4	261890	261907	261919	18.03
9/16-18 H3	4	261920	261932	261944	18.03
5/8-11 H3	4	261956	261968	261970	22.86
5/8-18 H3	4	261981	261993	262006	22.86
3/4-10 H3	4	262018	262020	262031	29.93
3/4-16 H3	4	262043	262055	262067	29.93
7/8-9 H4	4	262079	262080	262092	40.61
7/8-14 H4	4	262109	262110	262122	40.61
1-8 H4	4	262134	262146	262158	53.68
1-12 H4	4	262160	262171	262183	53.68
1-14 H4	4	262195	262201	262213	53.68

Special Taps--National Extra Fine (NEF)--Plug, Bottom and Taper

Tap Size	Flutes	Plug	Bottom	Taper	Unit Price
12-32 H3	4	262328	262330	262341	6.08
1/4-32 H3	4	262353	262365	262377	7.13
5/16-32 H3	4	262389	262390	262407	7.42
3/8-32 H3	4	262419	262420	262432	8.40
7/16-28 H3	4	262444	262456	262468	9.56
1/2-28 H3	4	262470	262481	262493	11.24
9/16-24 H3	4	262500	262511	262523	12.69
5/8-24 H3	4	262535	262547	262559	15.30
11/16-24 H3	4	262560	262572	262584	16.80
3/4-20 H3	4	262596	262602	262614	19.13
13/16-20 H3	4	262626	262638	262640	22.37
7/8-20 H3	4	262651	262663	262675	24.98
15/16-20 H3	4	262687	262699	262705	28.34
1-20 H3	6	262717	262729	262730	34.25



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Special Taps-- +0.005 Oversize Straight Flute--Plug, Bottom, Taper



Tap Size	Flutes	Plug	Bottom	Taper	Unit Price
6-32	3	260034	260046	260058	5.63
6-40	3	260095	260101	260113	7.43
8-32	4	260150	260162	260174	5.32
8-36	4	260216	260228	260230	7.43
10-24	4	260277	260289	260290	5.37
10-32	4	260332	260344	260356	5.37
1/4-20	4	260393	260400	260411	5.84
1/4-28	4	260459	260460	260472	5.84
5/16-18	4	260514	260526	260538	8.42
5/16-24	4	260575	260587	260599	6.57
3/8-16	4	260630	260642	260654	8.99
3/8-24	4	260691	260708	260710	8.99
7/16-14	4	261154	261155	-----	12.98
7/16-20	4	271494	270301	-----	12.98
1/2-13	4	260757	260769	260770	14.95
1/2-20	4	260812	260824	260836	14.95
5/8-11	4	260848	260850	260861	18.54
5/8-18	4	260903	260915	260927	18.54
3/4-10	4	260939	260940	260952	18.54
3/4-16	4	260964	260976	260988	18.54
7/8-9	4	260990	261002	261014	24.22
7/8-14	4	261026	261038	261040	24.22
1-8	4	261051	261063	261075	36.50
1-12	4	261087	261099	261105	36.50
1-14	4	261117	261129	261130	36.50

Special Taps-- +0.005 Oversize Spiral Point--Plug



Tap Size	Flutes	Plug	Unit Price
6-32	2	260009	6.37
6-40	2	260060	8.22
8-32	2	260125	5.97
8-36	2	260186	8.22
10-24	2	260241	5.80
10-32	2	260307	5.80
1/4-20	2	260368	6.78
1/4-28	2	260423	6.78
5/16-18	2	260484	7.82
5/16-24	2	260540	7.82
3/8-16	3	260605	9.39
3/8-24	3	260666	9.39
7/16-14	3	261180	13.68
7/16-20	3	261166	13.68
1/2-13	3	260721	16.23
1/2-20	3	260782	16.23
5/8-11	3	261142	20.58
5/8-18	3	260873	20.58

Special Taps--Combination Drill and Tap



Tap Size	Part Number	Overall Length	Thread Length	Drill Length	Price
4-40	918740	1 7/8	9/16	1/4	15.48
6-32	918751	2	11/16	5/16	15.48
8-32	918763	2 1/8	3/4	3/8	15.48
10-24	918775	2 3/8	7/8	13/32	15.48
10-32	918787	2 3/8	7/8	13/32	15.48
12-24	918799	2 3/8	7/8	15/32	15.48
12-28	918801	2 3/8	7/8	15/32	16.72
1/4-20	918805	2 1/2	15/16	17/32	15.48
1/4-28	918817	2 1/2	15/16	17/32	15.48
5/16-18	918829	3	1 1/8	11/16	22.83
5/16-24	918827	3	1 1/8	11/16	22.83
3/8-16	918830	3 1/2	1 1/4	13/16	27.71
3/8-24	918842	3 1/2	1 1/4	13/16	27.71
7/16-14	918866	3 7/8	1 7/16	1	33.21
7/16-20	918869	3 7/8	1 7/16	1	33.21
1/2-13	918878	4 1/4	1 21/32	1 1/8	37.47
1/2-20	918882	4 1/4	1 21/32	1 1/8	37.47
Metrics					
M3 X 0.50	837690	1 15/16	3/4	5/16	17.01
M4 X 0.70	837387	2 1/8	3/4	3/8	17.01
M5 X 0.80	837389	2 3/8	7/8	13/32	17.01
M6 X 1.00	837390	2 1/2	15/16	17/32	17.01
M8 X 1.25	837392	3	1 1/8	11/16	30.83
M10 X 1.50	837393	3 1/2	3 1/2	1 1/4	35.22
M12 X 1.75	837399	4 1/4	1 21/32	1 1/8	35.22



Telephone 800-258-7162 or 603-332-9000
Fax 1-603-332-8069