

SHARS HSS Tap & Drill 18pc. set

- Plug taps **fully ground**, 9 pieces
- Jobber length drill, 9 pieces

Tap Size	Drill	Order No.
National Coarse		
6-32, 8-32, 10-24	#36, #29, #25,	404-7004
1/4-20, 5/16-1/18	#21, #7, F, 5/16,	\$31.95 (D)
3/8-16, 7/16-14, 1/2-13	U, 27/64	
National Fine		
6-40, 8-36, 10-32	#33, #29, #25,	404-7008
1/4-28, 5/16-24	#21, #3, #1, Q,	\$24.00 (D)
3/8-24, 7/16-20, 1/2-20	25/64, 29/64	
Metric		
M2.5x.4.5, M3x.5,	2.05, 2.5, 2.9, 3.3,	404-7009
M3.5x.6, M4x.7	4.2, 5.6, 7.8, 5,	\$28.50 (E)
M5x.80, M6x1,	10.2mm	
M8x1.25, M10x1.5, M12x1.75		



SHARS Metric Spiral Point Plug Taps



- HSS **fully ground** • ANSI B94.9 standard

Size	GH	Order No.	Price(F)	Size	GH	Order No.	Price(F)
2.5x0.45	D3	404-7491	\$2.25	12x1.25	D6	404-7548	\$4.55
3x0.5	D3	404-7492	2.25	12x1.5	D6	404-7499	4.55
4x0.7	D4	404-7493	2.00	12x1.75	D6	404-7549	4.55
5x0.8	D4	404-7495	2.00	14x1.0	D7	404-7550	6.60
6x1.0	D5	404-7536	2.25	14x1.25	D7	404-7551	6.60
8x1.0	D5	404-7541	2.80	14x1.5	D7	404-7552	6.60
8x1.25	D5	404-7496	2.80	14x2.0	D7	404-7553	6.60
10x1.0	D6	404-7544	3.30	16x1.5	D7	404-7555	8.65
10x1.25	D6	404-7497	3.30	16x2.0	D7	404-7556	9.95
10x1.5	D6	404-7498	3.30	18x1.0	D7	404-7557	12.00
				18x1.5	D7	404-7558	12.95

SHARS HSS Combination Taps and Drills

Saves you a step. Saves you time. Saves you money! It's the right combination!



Size	Limit	OAL	Thread Length	Drill Length	Drill Diameter	Order No.	Price(F)
4-40NC	GH-3	1-7/8"	3/8"	1/4"	.0910"	404-7259	\$4.95
6-32NC	GH-3	2	7/16	5/16	.1115	404-7260	3.95
8-32NC	GH-3	2-1/8	1/2	3/8	.1375	404-7261	3.95
10-24NC	GH-3	2-3/8	5/8	13/32	.1545	404-7262	4.95
10-32NF	GH-3	2-3/8	5/8	13/32	.1635	404-7263	5.95
1/4-20NC	GH-3	2-1/2	25/32	17/32	.2080	404-7264	5.50
1/4-28NF	GH-3	2-1/2	25/32	17/32	.2200	404-7265	4.35
5/16-18NC	GH-3	2-27/32	15/16	11/16	.2660	404-7266	5.99
5/16-24NF	GH-3	2-27/32	15/16	11/16	.2770	404-7267	8.50
3/8-16NC	GH-3	3-3/8	1-1/16	13/16	.3225	404-7268	9.75
3/8-24NF	GH-3	3-3/8	1-1/16	13/16	.3395	404-7269	10.50
7/16-14NC	GH-3	3-3/4	1-1/4	1	.3770	404-7270	11.25
7/16-20NF	GH-3	3-3/4	1-1/4	1	.3955	404-7271	11.25
1/2-13NC	GH-3	4-1/16	1-3/8	1-1/8	.4350	404-7272	9.50
1/2-20NF	GH-3	4-1/16	1-3/8	1-1/8	.4580	404-7273	11.25

SHARS E-Z Tapper

- Assure straight perpendicular tapped holes up to 3/4" diameter.
- Complete with tap guide, precision ground work table, tap spindle wrench, and 9 steel tap adapters:

404-7281	#8	404-7286	7/16
404-7282	#10	404-7287	1/2
404-7283	1/4	404-7288	5/8
404-7284	5/16	404-7289	3/4
404-7285	3/8		

Replacement tap adapters at **\$5.00** each.

Specifications:

- Table size 13"Lx8"W
- Height 14"
- Clearance height 7"
- Depth of throat 7-1/2"
- Approx. WT. 35 lbs

404-7280
\$99.00
(E)



SHARS 45 Piece Tap and Die Set



Set includes:

- 1/4~3/4" & 3/8~1" straight handle tap wrenches.
- 1-1/2" & 2" O.D. die stocks
- Screwdriver.
- Supplied in a fitted case.

Taps 20 sizes	
Coarse	Fine
1/4-20, 5/16-18	1/4-28, 5/16-24
3/8-16, 7/16-14	3/8-24, 7/16-20
1/2-13, 9/16-12	1/2-20, 9/16-18
5/8-11, 3/4-10	5/8-18, 3/4-16
7/8-9, 1-8	7/8-14, 1-14
Adj. Dies 20 sizes	
Coarse	Fine
1/4-20, 5/16-18	1/4-28, 5/16-24
3/8-16, 7/16-14	3/8-24, 7/16-20
1/2-13, 9/16-12	1/2-20, 9/16-18
5/8-11, 3/4-10	5/8-18, 7/8-14
7/8-9, 1-8	3/4-16, 1-14

Range 1/4-1"	
Alloy Steel	HSS
404-7000	404-7065
\$79.95 (D)	\$329.95 (D)

SHARS Cobalt Spiral Point Plug Taps



- Made of **M35 cobalt fully ground**
- Designed to increase performance in tough steels and exotic metals
- For hard steel or stainless steel production

Size	Thread	Order No.	Price(E)
6-32NC	H2	404-7590	\$3.95
8-32NC	H3	404-7591	3.95
10-32NF	H3	404-7592	3.95
1/4-20NC	H3	404-7593	5.30
5/16-18NC	H3	404-7594	7.35
3/8-16NC	H3	404-7595	7.35
3/8-24NF	H3	404-7597	7.35

SHARS Fast Spiral Fluted Taps

- HSS **fully ground**
- Fast spiral draws chips better from relatively deep blind holes
- Supplied for materials which produce long stringy chips

Size	No. of Flutes	Thread Limits	Order No.	Price(E)
6-32NC	3	H3	404-7070	\$2.40
8-32NC	3	H3	404-7071	2.40
10-24NC	3	H3	404-7072	2.40
10-32NF	3	H3	404-7073	2.40
1/4-20NC	3	H3	404-7074	2.76
5/16-18NC	3	H3	404-7075	3.25
3/8-16NC	3	H3	404-7076	3.65
1/2-13NC	3	H3	404-7077	5.75
5/8-11NC	4	H3	404-7078	6.75
3/4-10NC	4	H3	404-7079	6.95

