






Taps & Dies Index

Taps & Dies



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HSS Taps

HSS SPIRAL POINT PLUG TAPS

Gun Tap - Machine Screw / Fractional & METRIC - Ground Thread - Magnum Super Premium

Types 20-AG Gold Oxide & Type 20-AGN TiN Coated & Type 20 Bright

METRIC Types 21-AG Gold Oxide Type 21-AGN TiN Coated & Type 21 Bright

- Spiral point taps are designed for machine tapping through holes in a wide variety of materials. The point of the tap continuously ejects the chips ahead of the tap, eliminating chip disposal problems and thread damage.



Type 20-AG

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.



Type 20-AGN TiN Coated

TiN coating - increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life..



Type 20 Bright Finish

Bright Finish

20-AG Part #	20-AGN Part #	20 Part #	Size	# of Flutes	H Limit	Qty. per/pack
67502	10502	60101	0-80	2	H1	3
60100	10512	67501	0-80	2	H2	3
67512	10522	60111	1-64	2	H1	3
60110	10532	67511	1-64	2	H2	3
67522	10542	67521	1-72	2	H1	3
60120	10552	60121	1-72	2	H2	3
60130	10562	60131	2-56	2	H2	3
60140	10572	60141	2-64	2	H2	3
60150	10582	60151	3-48	2	H2	3
67532	10592	67531	3-56	2	H1	3
60160	10602	60161	3-56	2	H2	3
67542	10612	67541	4-40	2	H1	3
60170	10622	60171	4-40	2	H2	3
67552	10632	67551	4-48	2	H1	3
60180	10642	60181	4-48	2	H2	3
60190	10652	60191	4-36	2	H2	3
67562	10662	67561	5-40	2	H1	3
60200	10672	60201	5-40	2	H2	3
60210	10682	60211	5-44	2	H2	3
67572	10692	67571	6-32	2	H1	3
67582	10702	67581	6-32	2	H2	3
60220	10712	60221	6-32	2	H3	3
60230	10722	60231	6-40	2	H2	3
67592	10732	67591	8-32	2	H1	3
67602	10742	67601	8-32	2	H2	3
60240	10752	60241	8-32	2	H3	3
60250	10762	60251	8-36	2	H2	3
67612	10772	67611	10-24	2	H1	3
67622	10782	67621	10-24	2	H2	3
60260	10792	60261	10-24	2	H3	3
67632	10802	67631	10-32	2	H1	3
67642	10812	67641	10-32	2	H2	3
60270	10822	60271	10-32	2	H3	3
60280	10832	60281	12-24	2	H3	3
60290	10842	60291	12-28	2	H3	3
67652	10852	67651	1/4-20	2	H1	3
67662	10862	67661	1/4-20	2	H2	3
60320	10872	60321	1/4-20	2	H3	3
67672	10882	67671	1/4-20	2	H5	3
67682	10892	67681	1/4-20	3	H3	3
67692	10902	67691	1/4-20	3	H5	3
67702	10912	67701	1/4-28	2	H1	3
67712	10922	67711	1/4-28	2	H2	3
60330	10932	60331	1/4-28	2	H3	3

20-AG Part #	20-AGN Part #	20 Part #	Size	# of Flutes	H Limit	Qty. per/pack
67722	10942	67721	1/4-28	2	H4	3
67732	10952	67731	1/4-28	3	H2	3
67742	10962	67741	1/4-28	3	H4	3
67752	10972	67751	5/16-18	2	H1	3
67762	10982	67761	5/16-18	2	H2	3
60340	10992	60341	5/16-18	2	H3	3
67772	11002	67771	5/16-18	2	H5	3
67782	11012	67781	5/16-18	3	H3	3
67792	11022	67791	5/16-18	3	H5	3
67802	11032	67801	5/16-24	2	H1	3
67812	11042	67811	5/16-24	2	H2	3
60350	11052	60351	5/16-24	2	H3	3
67822	11062	67821	5/16-24	2	H4	3
67832	11072	67831	5/16-24	3	H2	3
67842	11082	67841	5/16-24	3	H4	3
67852	11092	67851	3/8-16	3	H1	3
67862	11102	67861	3/8-16	3	H2	3
60360	11112	60361	3/8-16	3	H3	3
67872	11122	67871	3/8-16	3	H5	3
67882	11132	67881	3/8-24	3	H1	3
67892	11142	67891	3/8-24	3	H2	3
60370	11152	60371	3/8-24	3	H3	3
67902	11162	67901	3/8-24	3	H4	3
67912	11172	67911	7/16-14	3	H2	3
60380	11182	60381	7/16-14	3	H3	3
67922	11192	67921	7/16-14	3	H5	3
60390	11202	60391	7/16-20	3	H3	3
67932	11212	67931	7/16-20	3	H5	3
67942	11222	67941	1/2-13	3	H2	3
60400	11232	60401	1/2-13	3	H3	3
67952	11242	67951	1/2-13	3	H5	3
67962	11252	67961	1/2-20	3	H1	3
67972	11262	67971	1/2-20	3	H2	3
60410	11272	60411	1/2-20	3	H3	3
67982	11282	67981	1/2-20	3	H5	3
67992	-----	60461	9/16-12	3	H3	1
68002	-----	60471	9/16-18	3	H3	1
60420	11292	60421	5/8-11	3	H3	1
68012	11302	67991	5/8-11	3	H5	1
60430	11312	60431	5/8-18	3	H3	1
60440	11322	60441	3/4-10	3	H3	1
68022	11332	68001	3/4-10	3	H5	1
60450	11342	60451	3/4-16	3	H3	1

TYPE 21-AG, TYPE 21-AGN TIN COATED & TYPE 21

METRIC - PLUG

21-AG Part #	21-AGN Part #	21 Part #	Size	# of Flutes	PD Limit	Qty. per/pck
68602	10509	68601	1.6 - 0.35	2	D3	3
68612	10519	68611	1.8 - 0.35	2	D3	3
68622	10529	68621	2.0 - 0.40	2	D3	3
68632	10539	68631	2.20 - 0.45	2	D3	3
60500	10549	68641	2.5 - 0.45	2	D3	3
60510	10559	60102	3.0 - 0.50	2	D3	3
60520	10569	60103	3.5 - 0.60	2	D4	3
60530	10579	60104	4.0 - 0.70	2	D4	3
68642	10589	68651	4.50 - 0.75	2	D4	3
60550	10599	60114	5.0 - 0.80	2	D4	3
60560	10609	60124	6.0 - 1.00	2	D5	3
68652	10619	68661	7.0 - 1.00	2	D5	3

21-AG Part #	21-AGN Part #	21 Part #	Size	# of Flutes	PD Limit	Qty. per/pck
68662	10629	68671	8.0 - 1.00	2	D5	3
60580	10639	60234	8.0 - 1.25	2	D5	3
68672	10649	68681	10.0 - 1.25	3	D5	3
60600	10659	60152	10.0 - 1.50	3	D6	3
68682	10669	68691	12.0 - 1.25	3	D5	3
60620	10679	60162	12.0 - 1.75	3	D6	3
68692	10689	68701	14.0 - 1.50	3	D6	1
60630	10699	60164	14.0 - 2.00	3	D7	1
68702	10709	68711	16.0 - 1.50	3	D6	1
60640	10719	60173	16.0 - 2.00	3	D7	1
60650	10729	60174	18.0 - 2.50	3	D7	1
68712	10739	68721	20.0 - 2.50	3	D7	1

METRIC

HSS Taps - Spiral Point Plug Taps

Taps & Dies

HSS REDUCED NECK TAPS

Type 29-AG

Reduced Neck Taps High-Speed Spiral Point Magnum Super Premium



- Reduced neck maximizes coolant flow in machine tapping applications for ferrous and non-ferrous materials.
- Excellent for aluminum, magnesium, malleable cast iron and steel materials.

Part No.	Size	H Limits	Flutes	Qty. per/pack	Part No.	Size	H Limits	Flutes	Qty. per/pack
44300	4-40	H2	2	3	20020	1/4-28	H3	3	3
44310	6-32	H3	2	3	20030	5/16-18	H3	3	3
44320	6-40	H2	2	3	20040	5/16-24	H3	3	3
44330	8-32	H3	3	3	20050	3/8-16	H3	3	3
44340	8-36	H2	3	3	20060	3/8-24	H3	3	3
44350	10-24	H3	3	3	20100	7/16-14	H3	3	3
44360	10-32	H3	3	3	20110	7/16-20	H3	3	3
44370	12-24	H3	3	3	20120	1/2-13	H3	3	3
44380	12-28	H3	3	3	20130	1/2-20	H3	3	3
20010	1/4-20	H3	3	3					

HSS STRAIGHT FLUTE HAND TAPS

Machine Screw / Fractional - Ground Thread - Magnum Super Premium

Types 23-AG, Type 24-AG & Type 25-AG Gold Oxide

Types 23-AGN, Type 24-AGN & Type 25-AGN TiN Coated

Types 23, Type 24 & Type 25 Bright Finish



- The most common style of tap
- Can be used by hand or for tapping under power
- Versatile taps for use in general machine tapping or CNC tapping applications
- Use for through hole or blind hole tapping



Type 23-AG - Taper

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.



Type 24-AGN - Plug

TiN coating - increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life..



Type 25 - Bottoming

Bright Finish

23-AG Taper Part#	24-AG Plug Part #	25-AG Bottoming Part #	23-AGN Taper Part #	24-AGN Plug Part #	25-AGN Bottoming Part #	23 Taper Part #	24 Plug Part #	25 Bottoming Part #	Size	# of Flutes	H Limit	QTY per/pack
72701	72702	72703	45981	45982	45983	71661	71662	71663	0-80	2	H1	3
72711	72712	72713	45991	45992	45993	71671	71672	71673	0-80	2	H2	3
72721	72722	72723	44101	44102	44103	71681	71682	71683	1-64	2	H1	3
72731	72732	72733	44111	44112	44113	71691	71692	71693	1-64	2	H2	3
72741	72742	72743	44121	44122	44123	71701	71702	71703	1-72	2	H1	3
72751	72752	72753	44131	44132	44133	71711	71712	71713	1-72	2	H2	3
72761	72762	72763	44141	44142	44143	71721	71722	71723	2-56	3	H1	3
60660	60661	60662	46001	46002	46003	71231	71232	71233	2-56	3	H2	3
72771	72772	72773	44151	44152	44153	71731	71732	71733	2-64	3	H2	3
72781	72782	72783	44161	44162	44163	71741	71742	71743	3-48	3	H1	3
60680	60681	60682	46011	46012	46013	71251	71252	71253	3-48	3	H2	3
60710	60711	60712	45931	45932	45933	71751	71752	71753	3-56	3	H2	3
60700	60701	60702	46021	46022	46023	61001	61002	61003	4-40	3	H2	3
60720	60721	60722	45951	45952	45953	61011	61012	61013	4-48	3	H2	3
72791	72792	72793	44191	44192	44193	71761	71762	71763	5-40	3	H1	3
60730	60731	60732	46031	46032	46033	61021	61022	61023	5-40	3	H2	3
60740	60741	60742	45971	45972	45973	61031	61032	61033	5-44	3	H2	3
72801	72802	72803	44211	44212	44213	71771	71772	71773	6-32	3	H1	3
72811	72812	72813	44221	44222	44223	71781	71782	71783	6-32	3	H2	3
60750	60751	60752	46041	46042	46043	61041	61042	61043	6-32	3	H3	3
72821	72822	72823	44231	44232	44233	71791	71792	71793	6-40	3	H1	3
60760	60761	60762	46051	46052	46053	61051	61052	61053	6-40	3	H2	3
72831	72832	72833	44241	44242	44243	71801	71802	71803	8-32	4	H1	3
72841	72842	72843	44251	44252	44253	71811	71812	71813	8-32	4	H2	3
60770	60771	60772	46061	46062	46063	61061	61062	61063	8-32	4	H3	3
60780	60781	60782	46071	46072	46073	61071	61072	61073	8-36	4	H2	3
72851	72852	72853	44261	44262	44263	71821	71822	71823	10-24	4	H1	3

HSS STRAIGHT FLUTE HAND TAPS

Machine Screw / Fractional - Ground Thread - Magnum Super Premium

Types 23-AG, Type 24-AG & Type 25-AG Gold Oxide

Types 23-AGN, Type 24-AGN & Type 25-AGN TiN Coated

NEW Types 23, Type 24 & Type 25 Bright Finish

- The most common style of tap
- Can be used by hand or for tapping under power
- Versatile taps for use in general machine tapping or CNC tapping applications
- Use for through hole or blind hole tapping



Type 23-AG - Taper

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.



Type 24-AGN - Plug

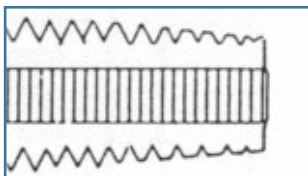
TiN coating - increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life..



Type 25 - Bottoming

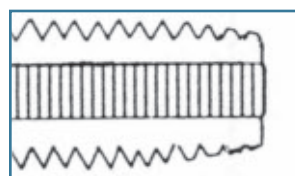
Bright Finish

23-AG Taper Part#	24-AG Plug Part #	25-AG Bottoming Part #	23-AGN Taper Part #	24-AGN Plug Part #	25-AGN Bottoming Part #	23 Taper Part #	24 Plug Part #	25 Bottoming Part #	Size	# of Flutes	H Limit	QTY per/pack
72861	72862	72863	44271	44272	44273	71831	71832	71833	10-24	4	H2	3
60790	60791	60792	46081	46082	46083	61081	61082	61083	10-24	4	H3	3
72871	72872	72873	44281	44282	44283	71841	71842	71843	10-32	4	H1	3
72881	72882	72883	44291	44292	44293	71851	71852	71853	10-32	4	H2	3
60800	60801	60802	46091	46092	46093	61091	61092	61093	10-32	4	H3	3
60810	60811	60812	46101	46102	46103	61101	61102	61103	12-24	4	H3	3
60820	60821	60822	46111	46112	46113	61111	61112	61113	12-28	4	H3	3
72891	72892	72893	44301	44302	44303	71861	71862	71863	1/4-20	4	H1	3
72901	72902	72903	44311	44312	44313	71871	71872	71873	1/4-20	4	H2	3
60830	60831	60832	46121	46122	46123	61121	61122	61123	1/4-20	4	H3	3
72911	72912	72913	44321	44322	44323	71881	71882	71883	1/4-20	4	H5	3
72921	72922	72923	44331	44332	44333	71891	71892	71893	1/4-28	4	H1	3
72931	72932	72933	44341	44342	44343	71901	71902	71903	1/4-28	4	H2	3
60840	60841	60842	46131	46132	46133	61131	61132	61133	1/4-28	4	H3	3
72941	72942	72943	44351	44352	44353	71911	71912	71913	1/4-28	4	H4	3
72951	72952	72953	44361	44362	44363	71921	71922	71923	5/16-18	4	H2	3
60850	60851	60852	46141	46142	46143	61141	61142	61143	5/16-18	4	H3	3
72961	72962	72963	44371	44372	44373	71931	71932	71933	5/16-18	4	H5	3
72971	72972	72973	44381	44382	44383	71941	71942	71943	5/16-24	4	H2	3
60860	60861	60862	46151	46152	46153	61151	61152	61153	5/16-24	4	H3	3
72981	72982	72983	44391	44392	44393	71951	71952	71953	5/16-24	4	H4	3
72991	72992	72993	44401	44402	44403	71961	71962	71963	3/8-16	4	H1	3
73001	73002	73003	44411	44412	44413	71971	71972	71973	3/8-16	4	H2	3
60870	60871	60872	46161	46162	46163	61161	61162	61163	3/8-16	4	H3	3
73011	73012	73013	44421	44422	44423	71981	71982	71983	3/8-16	4	H5	3
73021	73022	73023	44431	44432	44433	71991	71992	71993	3/8-24	4	H1	3
73031	73032	73033	44441	44442	44443	72001	72002	72003	3/8-24	4	H2	3
60880	60881	60882	46171	46172	46173	61171	61172	61173	3/8-24	4	H3	3
73041	73042	73043	44451	44452	44453	72011	72012	72013	3/8-24	4	H4	3
60890	60891	60892	46181	46182	46183	61181	61182	61183	7/16-14	4	H3	3
73051	73052	73053	44461	44462	44463	72021	72022	72023	7/16-14	4	H5	3
60900	60901	60902	46191	46192	46193	61191	61192	61193	7/16-20	4	H3	3
73061	73062	73063	44471	44472	44473	72031	72032	72033	7/16-20	4	H5	3
73071	73072	73073	44481	44482	44483	72041	72042	72043	1/2-13	4	H1	3
60910	60911	60912	46201	46202	46203	61201	61202	61203	1/2-13	4	H3	3
73081	73082	73083	44491	44492	44493	72051	72052	72053	1/2-13	4	H5	3
73091	73092	73093	44501	44502	44503	72061	72062	72063	1/2-20	4	H1	3
60920	60921	60922	46211	46212	46213	61211	61212	61213	1/2-20	4	H3	3
73101	73102	73103	44511	44512	44513	72071	72072	72073	1/2-20	4	H5	3
60950	60951	60952	46221	46222	46223	55011	55012	55013	9/16-12	4	H3	1



TAPER
Type 23-AG
Type 23-AGN
Type 23

Seven to ten threads chamfered for easy thread starting in tough materials.



PLUG
Type 24-AG
Type 24-AGN
Type 24

Three to five threads chamfered. For general use when tapping into the bottom of the hole is not critical. (This is the most widely used style.)

HSS STRAIGHT FLUTE HAND TAPS

Machine Screw / Fractional - Ground Thread - Magnum Super Premium

Types 23-AG, Type 24-AG & Type 25-AG - Gold Oxide

Types 23-AGN, Type 24-AGN & Type 25-AGN - TiN Coated

Types 23, Type 24 & Type 25 - Bright Finish



- The most common style of tap
- Can be used by hand or for tapping under power
- Versatile taps for use in general machine tapping or CNC tapping applications
- Use for through hole or blind hole tapping



Type 23-AG - Taper

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.



Type 24-AGN - Plug

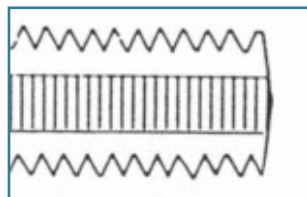
TiN coating - increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life.



Type 25 - Bottoming

Bright Finish

23-AG Taper Part#	24-AG Plug Part #	25-AG Bottoming Part #	23-AGN Taper Part #	24-AGN Plug Part #	25-AGN Bottoming Part #	23 Taper Part #	24 Plug Part #	25 Bottoming Part #	Size	# of Flutes	H Limit	QTY per/pack
73111	73112	73113	44521	44522	44523	72081	72082	72083	9/16-12	4	H5	1
73121	73122	73123	44531	44532	44533	72091	72092	72093	9/16-18	4	H2	1
60960	60961	60962	46231	46232	46233	55021	55022	55023	9/16-18	4	H3	1
73131	73132	73133	44541	44542	44543	72101	72102	72103	9/16-18	4	H5	1
73141	73142	73143	44551	44552	44553	72111	72112	72113	5/8-11	4	H2	1
60970	60971	60972	46241	46242	46243	55031	55032	55033	5/8-11	4	H3	1
73151	73152	73153	44561	44562	44563	72121	72122	72123	5/8-11	4	H5	1
73161	73162	73163	44571	44572	44573	72131	72132	72133	5/8-18	4	H2	1
60980	60981	60982	46251	46252	46253	55041	55042	55043	5/8-18	4	H3	1
73171	73172	73173	44581	44582	44583	72141	72142	72143	5/8-18	4	H5	1
73181	73182	73183	44591	44592	44593	72151	72152	72153	11/16-11	4	H3	1
73191	73192	73193	44601	44602	44603	72161	72162	72163	11/16-16	4	H3	1
60990	60991	60992	46261	46262	46263	55051	55052	55053	3/4-10	4	H3	1
73201	73202	73203	44611	44612	44613	72171	72172	72173	3/4-10	4	H5	1
73211	73212	73213	44621	44622	44623	72181	72182	72183	3/4-16	4	H1	1
73221	73222	73223	44631	44632	44633	72191	72192	72193	3/4-16	4	H2	1
61400	61401	61402	46271	46272	46273	55061	55062	55063	3/4-16	4	H3	1
73231	73232	73233	44641	44642	44643	72201	72202	72203	3/4-16	4	H5	1
61410	61411	61412	46281	46282	46283	55071	55072	55073	7/8-9	4	H4	1
73241	73242	73243	44651	44652	44653	72211	72212	72213	7/8-9	4	H6	1
73251	73252	73253	44661	44662	44663	72221	72222	72223	7/8-14	4	H2	1
61420	61421	61422	46291	46292	46293	55081	55082	55083	7/8-14	4	H4	1
73261	73262	73263	44671	44672	44673	72231	72232	72233	7/8-14	4	H6	1
61430	61431	61432	46301	46302	46303	55091	55092	55093	1"-8	4	H4	1
73271	73272	73273	44681	44682	44683	72241	72242	72243	1"-8	4	H6	1
61440	61441	61442	46311	46312	46313	55101	55102	55103	1"-12	4	H4	1
27570	27571	27572	46321	46322	46323	55111	55112	55113	1"-14	4	H4	1
61450	61451	61452	46331	46332	46333	55121	55122	55123	1" 1/8-7	4	H4	1
61460	61461	61462	46341	46342	46343	55131	55132	55133	1" 1/8-12	4	H4	1
61470	61471	61472	46351	46352	46353	55141	55142	55143	1" 1/4-7	4	H4	1
61480	61481	61482	46361	46362	46363	55151	55152	55153	1" 1/4-12	6	H4	1
61490	61491	61492	46371	46372	46373	55161	55162	55163	1" 3/8-6	4	H4	1
61500	61501	61502	46381	46382	46383	55171	55172	55173	1" 3/8-12	6	H4	1
61510	61511	61512	46391	46392	46393	55181	55182	55183	1" 1/2-6	4	H4	1
61520	61521	61522	46401	46402	46403	55191	55192	55193	1" 1/2-12	6	H4	1



BOTTOMING Type 25-AG Type 25-AGN Type 25

One-and - two threads chamfered. To use after threads have been started for tapping to the bottom of a hole.

STRAIGHT FLUTES HAND TAPS SETS

Straight Flute Hand Taps Machine Screw / Fractional - Taper, Plug, Bottoming Ground Thread - High Speed Steel

- Includes one each Taper, Plug and Bottoming
 - The most common style of tap
 - Can be used by hand or for tapping under power
- Versatile taps for use in general machine tapping or CNC tapping applications
 - Use for through hole or blind hole tapping



Type 26-AG - Gold Oxide

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.

Type 26-AGN - Titanium Nitride (TiN) Coated

TiN coating increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life.

Type 26 - Bright Finish

26-AG Gold Oxide Part #	26-AGN TiN Coated Part #	Type 26 Bright Part #	Size	# of Flutes	H Limit	Qty. per/pack each
60663	46004	71724	2-56	3	H2	1
60683	46014	71744	3-48	3	H2	1
60703	46024	61004	4-40	3	H2	1
60723	45954	61014	4-48	3	H2	1
60733	46034	61024	5-40	3	H2	1
60743	45974	61034	5-44	3	H2	1
60753	46044	61044	6-32	3	H3	1
60763	46054	61054	6-40	3	H2	1
60773	46064	61064	8-32	4	H3	1
60783	46074	61074	8-36	4	H2	1
60793	46084	61084	10-24	4	H3	1
60803	46094	61094	10-32	4	H3	1
60813	46104	61104	12-24	4	H3	1
60823	46114	61114	12-28	4	H3	1
60833	46124	61124	1/4-20	4	H3	1
60843	46134	61134	1/4-28	4	H3	1
60853	46144	61144	5/16-18	4	H3	1
60863	46154	61154	5/16-24	4	H3	1
60873	46164	61164	3/8-16	4	H3	1
60883	46174	61174	3/8-24	4	H3	1
60893	46184	61184	7/16-14	4	H3	1
60903	46194	61194	7/16-20	4	H3	1
60913	46204	61204	1/2-13	4	H3	1
60923	46214	61214	1/2-20	4	H3	1
60953	46224	55014	9/16-12	4	H3	1
60963	46234	55024	9/16-18	4	H3	1
60973	46244	55034	5/8-11	4	H3	1
60983	46254	55044	5/8-18	4	H3	1
60993	46264	55054	3/4-10	4	H3	1
61403	46274	55064	3/4-16	4	H3	1
61413	46284	55074	7/8-9	4	H4	1
61423	46294	55084	7/8-14	4	H4	1
61433	46304	55094	1"-8	4	H4	1
61443	46314	55104	1"-12	4	H4	1
27573	46324	55114	1"-14	4	H4	1
61453	46334	55124	1 1/8-7	4	H4	1
61463	46344	55134	1 1/8-12	4	H4	1
61473	46354	55144	1 1/4-7	4	H4	1
61483	46364	55154	1 1/4-12	6	H4	1
61493	46374	55164	1 3/8-6	4	H4	1
61503	46384	55174	1 3/8-12	6	H4	1
61513	46394	55184	1 1/2-6	4	H4	1
61523	46404	55194	1 1/2-12	6	H4	1

HSS Taps

METRIC - STRAIGHT FLUTE HAND TAPS

Straight Flute Hand Taps - Gold Oxide Ground Thread - High Speed Steel

Type 31-AG, 31-AGN, 31-Taper, Type 32-AG, 32-AGN, 32-Plug Type 33-AG, 33-AGN, 33-Bottoming

- The most common style of tap
- Can be used by hand or for tapping under power
- Versatile taps for use in general machine tapping or CNC tapping applications
- Use for through hole or blind hole tapping



Type 31-AG - Taper

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.



Type 32-AGN - Plug

TiN coating - increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life..



Type 33 - Bottoming

Bright Finish

31-AG Taper Part #	32-AG Plug Part #	33-AG Bottoming Part#	31-AGN Taper Part #	32-AGN Plug Part #	33-AGN Bottoming Part #	31 Taper Part #	32 Plug Part #	33 Bottoming Part #	Size	# of Flutes	PD Limit	QTY. per/pack
60329	61569	61561	-----	-----	-----	54691	54692	54693	1.6-0.35	2	D3	3
60339	61579	61571	-----	-----	-----	54701	54702	54703	1.8-0.35	2	D3	3
60349	61589	61581	-----	-----	-----	54711	54712	54713	2.0-0.40	3	D3	3
60359	61599	61591	-----	-----	-----	54721	54722	54723	2.2-0.45	3	D3	3
60379	61629	61681	37731	37732	37733	54731	54732	54733	2.5-0.45	3	D3	3
60389	61631	61682	37741	37742	37743	54741	54742	54743	3.0-0.50	3	D3	3
60519	61632	61683	37751	37752	37753	54751	54752	54753	3.5-0.60	3	D3	3
60529	61633	61684	37761	37762	37763	54761	54762	54763	4.0-0.70	4	D4	3
60369	61634	61689	37771	37772	37773	54771	54772	54773	4.5-0.75	4	D4	3
60539	61639	61691	37781	37782	37783	54781	54782	54783	5.0-0.80	4	D4	3
60549	61641	61692	37791	37792	37793	54791	54792	54793	6.0-1.00	4	D5	3
60559	61642	61693	37801	37802	37803	54801	54802	54803	7.0-1.00	4	D5	3
60569	61643	61694	37811	37812	37813	54811	54812	54813	8.0-1.00	4	D5	3
60579	61644	61699	37821	37822	37823	54821	54822	54823	8.0-.1.25	4	D5	3
60589	61649	61701	37831	37832	37833	54831	54832	54833	10.0-1.25	4	D5	3
60611	61651	61702	37841	37842	37843	54841	54842	54843	10.0-1.50	4	D6	3
61601	61652	61703	37851	37853	37853	54851	54852	54853	12.0-1.25	4	D5	3
66341	66342	66343	38451	38452	38453	55201	55202	55203	12.0-1.50	4	D5	3
61602	61653	61704	37861	37862	37863	54861	54862	54863	12.0-1.75	4	D6	3
61603	61654	61709	37871	37872	37873	54871	54872	54873	14.0-1.50	4	D6	1
61604	61659	61711	37881	37882	37883	54881	54882	54883	14.0-2.00	4	D7	1
61609	61661	61712	37891	37892	37893	54891	54892	54893	16.0-1.50	4	D6	1
61611	61662	61713	37901	37902	37903	54901	54902	54903	16.0-2.00	4	D7	1
61281	61282	61283	38491	38492	38493	54911	54912	54913	18.0-1.50	4	D6	1
61612	61663	61714	37911	37912	37913	54921	54922	54923	18.0-2.50	4	D7	1
66361	66362	66363	38501	38502	38503	55251	55252	55253	20.0-1.50	4	D6	1
61613	61664	61719	37921	37922	37923	54931	54932	54933	20.0-2.50	4	D7	1
66371	66372	66373	38521	38522	38523	55261	55262	55263	22.0-1.50	4	D6	1
66381	66382	66383	38531	38532	38533	55271	55272	55273	22.0-2.50	4	D7	1
66391	66392	66393	38541	38542	38543	55281	55282	55283	24.0-2.00	4	D7	1
61614	61669	61721	37931	37932	37933	54941	54942	54943	24.0-3.00	4	D8	1
66401	66402	66403	-----	-----	-----	55291	55292	55293	27.0-2.00	4	D7	1
61619	61671	61722	-----	-----	-----	54951	54952	54953	27.0-3.00	4	D8	1
66411	66412	66413	-----	-----	-----	55301	55302	55303	30.0-2.00	4	D7	1
61621	61672	61723	-----	-----	-----	54961	54962	54963	30.0-3.50	4	D9	1
66421	66422	66423	-----	-----	-----	55311	55312	55313	33.0-2.00	6	D7	1
61622	61673	61724	-----	-----	-----	54971	54972	54973	33.0-3.50	4	D9	1
66431	66432	66433	-----	-----	-----	55321	55322	55323	36.0-3.00	4	D8	1
61623	61674	61729	-----	-----	-----	54981	54982	54983	36.0-4.00	4	D9	1
66441	66442	66443	-----	-----	-----	55331	55332	55333	39.0-3.00	6	D8	1
61624	61679	61731	-----	-----	-----	54991	54992	54993	39.0-4.00	6	D9	1

PRODUCT TIPS

Tap Wrenches:

They come in two sizes, large & small. Make sure tap is securely locked in place by turning the hex head as tightly as possible with your fingers. Do not use a wrench to tighten.



Taper Tap

This section cuts full-size thread



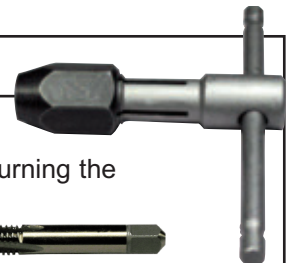
Plug Tap

This section cuts full-size thread



Bottoming Tap

This section cuts full-size thread



STRAIGHT FLUTE TAP SETS & TAPER PIPE TAPS

Type 35-AG, 35-AGN & Type 35 Sets

Straight Flute Hand Taps - Taper, Plug, Bottoming Ground Thread - High Speed Steel



- The most common style of tap
- Can be used by hand or for tapping under power
- Versatile taps for use in general machine tapping or CNC tapping applications
- Use for through hole or blind hole tapping

Type 35-AG - Gold Oxide

Gold Oxide - low temperature stress relief that enhances lubricity, reduces friction and increases tap toughness.

Type 35-AGN - Titanium Nitride (TiN) Coated

TiN coating increases wear resistance by producing a higher surface hardness and exceptional lubricity resulting in longer tool life.

Type 35 - Bright Finish

(Includes one each Taper, Plug and Bottoming tap)

35-AG Gold Oxide Part #	35-AGN TiN Coated Part #	Type 35 Bright Part #	Size	# of Flutes	PD Limit	Qty per/pck
61741	37744	54744	3.0-0.50	3	D3	1
61742	37764	54764	4.0-0.70	4	D4	1
61743	37784	54784	5.0-0.80	4	D4	1
61744	37794	54794	6.0-1.00	4	D5	1
61749	37804	54804	7.0-1.00	4	D5	1
61751	37374	54814	8.0-1.00	4	D5	1
61752	37824	54824	8.0-1.25	4	D5	1
61753	37834	54834	10.0-1.25	4	D5	1
61754	37844	54844	10.0-1.50	4	D6	1
61759	38444	54854	12.0-1.25	4	D5	1
61761	37864	54864	12.0-1.75	4	D6	1
61762	37874	54874	14.0-1.50	4	D6	1
61763	37884	54884	14.0-2.00	4	D7	1
61764	37894	54894	16.0-1.50	4	D6	1
61769	37904	54904	16.0-2.00	4	D7	1
61772	37914	54924	18.0-2.50	4	D7	1
61774	37924	54934	20.0-2.50	4	D7	1

TAPER PIPE TAPS

Regular - Type 30-AG, 30-AGN, 30-B & 30

Interrupted - Type I30-AG, I30-AGN, I30-B & I30

Ultra Bor Super Premium

• **Regular** Thread NPT Taper Pipe taps are used for tapping pipe fittings and couplings in a wide variety of materials.

• **Interrupted** Thread Taper Pipe taps reduce friction, increase chip capacity, and enhance coolant flow. Recommended for a wide variety of materials including soft ductile materials that produce long stringy chips. (*Black Oxide Taper Pipe Tap used on Cast Iron)



Type 30-AG



Type I30-AG Interrupted

NPT INTERRUPTED

30-AG Gold Oxide Part #	30-AGN TiN Coated Part #	Type 30-B Black Part #	Type 30 Bright Part #	I30-AG Gold Oxide Part #	I30-AGN TiN Coated Part #	*I30-B Black Oxide Part #	I30 Bright Part #	Size NPT	# of Flutes	OAL	Shank Diameter	Tap Drill Size	QTY. per/pack
60570	59343	59342	59341	-----	-----	-----	-----	1/16-27	4	2-1/8	.3125	D	3
61240	59353	59352	59351	-----	-----	-----	-----	1/8-27(5/16 Shk)	4	2-1/8	.3125	11/32	3
61250	59363	59362	59361	81410	95722	95771	95770	1/8-27	4	2-1/8	.4375	11/32	3
61260	59373	59372	59371	81420	95782	95781	95780	1/4-18	4	2-7/16	.5625	7/16	3
61270	59383	59382	59381	81430	95792	95791	95790	3/8-18	4	2-9/16	.7000	37/64	1
61280	59393	59392	59391	81440	95802	95801	95800	1/2-14	4	3-1/8	.6875	23/32	1
61290	59403	59402	59401	81450	95812	95811	95810	3/4-14	5	3-1/4	.9063	59/64	1
61300	59413	59412	59411	81460	95822	95821	95820	1"-11 1/2	5	3-3/4	1.1250	1-5/32	1
61310	59423	59422	59421	81470	95832	95831	95830	1 1/4"-11 1/2	5	4	1.3125	1-1/2	1
61320	59433	59432	59431	81480	95842	95841	95840	1 1/2"-11 1/2	7	4-1/4	1.500	1-47/64	1
61330	59443	59442	59441	81490	95852	95851	95850	2"-11 1/2	7	4-1/2	1.8750	2-7/32	1

HSS Taps

STRAIGHT FLUTE TAPS - LEFT HAND THREAD

Type 23L-AG -Taper , Type 24L-AG -Plug , Type 25L-AG -Bottoming
Magnum Super Premium

- Special Hi-Tungsten and Hi-Molybdenum tool steels, gold surface treated for maximum lubricity.
- Taper, plug and bottoming styles provide great versatility in tough materials, both blind and through holes.
- For general use in production tapping or left hand tapping operations.



TYPE 23L-AG TAPER STYLE LEFT HAND THREAD

Part No.	Size	Number of Flutes	GH Limit	Qty. per/pack
60223	6-32	3	3	3
60243	8-32	4	3	3
60263	10-24	4	3	3
60273	10-32	4	3	3
60323	1/4-20	4	3	3
60333	1/4-28	4	3	3
60343	5/16-18	4	3	3
60353	5/16-24	4	3	3
60363	3/8-16	4	3	3
60373	3/8-24	4	3	3
60383	7/16-14	4	3	3
60393	7/16-20	4	3	3
60403	1/2-13	4	3	3
60413	1/2-20	4	3	3
60423	9/16-12	4	3	1
60433	9/16-18	4	3	1
60443	5/8-11	4	3	1
60453	5/8-18	4	3	1
60463	11/16-11	4	3	1
60473	11/16-16	4	3	1
60483	3/4-10	4	3	1
60493	3/4-16	4	3	1
60503	7/8-9	4	4	1
60513	7/8-14	4	4	1
60523	1-8	4	4	1
60533	1-12	4	4	1
60543	1-14	4	4	1
60553	1-1/8-7	4	4	1
60563	1-1/8-12	4	4	1
60573	1-1/4-7	4	4	1
60583	1-1/4-12	6	4	1
60593	1-3/8-6	4	4	1
60603	1-3/8-12	6	4	1
60613	1-1/2-6	6	4	1
60609	1-1/2-12	4	4	1

TYPE 24L-AG PLUG STYLE LEFT HAND THREAD

Part No.	Size	Number of Flutes	GH Limit	Qty. per/pack
60222	6-32	3	3	3
60242	8-32	4	3	3
60262	10-24	4	3	3
60272	10-32	4	3	3
60322	1/4-20	4	3	3
60332	1/4-28	4	3	3
60342	5/16-18	4	3	3
60352	5/16-24	4	3	3
60362	3/8-16	4	3	3
60372	3/8-24	4	3	3
60382	7/16-14	4	3	3
60392	7/16-20	4	3	3
60402	1/2-13	4	3	3
60412	1/2-20	4	3	3
60422	9/16-12	4	3	1
60432	9/16-18	4	3	1
60442	5/8-11	4	3	1
60452	5/8-18	4	3	1
60462	11/16-11	4	3	1
60472	11/16-16	4	3	1
60482	3/4-10	4	3	1
60492	3/4-16	4	3	1
60502	7/8-9	4	4	1
60512	7/8-14	4	4	1
60522	1-8	4	4	1
60532	1-12	4	4	1
60542	1-14	4	4	1
60552	1-1/8-7	4	4	1
60562	1-1/8-12	4	4	1
60572	1-1/4-7	4	4	1
60582	1-1/4-12	6	4	1
60592	1-3/8-6	4	4	1
60602	1-3/8-12	6	4	1
60612	1-1/2-6	4	4	1
60619	1-1/2-12	6	4	1



TYPE 25L-AG BOTTOMING LEFT HAND THREAD

Part No.	Size	Number of Flutes	GH Limit	Qty. per/pack	Part No.	Size	Number of Flutes	GH Limit	Qty. per/pack	Part No.	Size	Number of Flutes	GH Limit	Qty. per/pack
60224	6-32	3	3	3	60404	1/2-13	4	3	3	60524	1-8	4	4	1
60244	8-32	4	3	3	60414	1/2-20	4	3	3	60534	1-12	4	4	1
60264	10-24	4	3	3	60424	9/16-12	4	3	1	60544	1-14	4	4	1
60274	10-32	4	3	3	60434	9/16-18	4	3	1	60554	1-1/8-7	4	4	1
60324	1/4-20	4	3	3	60444	5/8-11	4	3	1	60564	1-1/8-12	4	4	1
60334	1/4-28	4	3	3	60454	5/8-18	4	3	1	60574	1-1/4-7	4	4	1
60344	5/16-18	4	3	3	60464	11/16-11	4	3	1	60584	1-1/4-12	6	4	1
60354	5/16-24	4	3	3	60474	11/16-16	4	3	1	60594	1-3/8-6	4	4	1
60364	3/8-16	4	3	3	60484	3/4-10	4	3	1	60604	1-3/8-12	6	4	1
60374	3/8-24	4	3	3	60494	3/4-16	4	3	1	60614	1-1/2-6	6	4	1
60384	7/16-14	4	3	3	60504	7/8-9	4	4	1	60599	1-1/2-12	4	4	1
60394	7/16-20	4	3	3	60514	7/8-14	4	4	1					

DRILL & TAP COMBO & SETS

Magnum Super Premium

SP-18TD



Includes corresponding drill with tap in a durable metal case.

TAP & DRILL SETS

SP-18TD (SPIRAL POINT, NC)

Part No.	Description of Sizes
57580	
190-AG Drill Sizes	#36, 29, 25, 21, 7, F, 5/16, U & 27/64.
20-AG Tap Sizes	6-32, 8-32, 10-24, 10-32, 1/4-20 & 5/16-18, 3/8-16, 7/16-14 & 1/2-13.

SP-18TDM (SPIRAL POINT, METRIC)

Part No.	Description of Sizes
57990	
170-AG Drill Sizes (mm)	2.05, 2.50, 2.90, 3.30, 4.20, 5.00, 6.70, 8.50 & 10.20.
21-AG Tap Sizes (mm)	2.5-.45, 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80, 6.0-1.00, 8.0-1.25, 10.0-1.50 & 12.0-1.75.

SP-18TDF (SPIRAL POINT, NF)

Part No.	Description of Sizes
58010	
190-AG Drill Sizes	#33, 29, 25, 21, 3, 1, Q, 25/64 & 29/64.
20-AG Tap Sizes	6-40, 8-36, 10-24, 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20 & 1/2-20.

SP-12TD (SPIRAL POINT, NC)

Part No.	Description of Sizes
58501	
190-AG Drill Sizes	#36, 29, 25, 21, 7, F.
20-AG Tap Sizes	6-32, 8-32, 10-24, 10-32, 1/4-20 & 5/16-18.

SF-18TDC (STRAIGHT FLUTE, NC)

Part No.	Description of Sizes
60930	
190-AG Drill Sizes	#36, 29, 25, 21, 7, F, 5/16, U & 27/64.
24-AG Tap Sizes	6-32, 8-32, 10-24, 10-32, 1/4-20, 5/16-18, 3/8-16, 7/16-14 & 1/2-13.

SF-18TDF (STRAIGHT FLUTE, NF)

Part No.	Description of Sizes
60940	
190-AG Drill Sizes	#33, 29, 25, 21, 3, 1, Q, 25/64 & 29/64.
24-AG Tap Sizes	6-40, 8-36, 10-24, 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20 & 1/2-20.

SF-10TD (STRAIGHT FLUTE, NC)

Part No.	Description of Sizes
58500	
190-AG Drill Size	31/64.
130-AG Drill Sizes	17/32, 21/32, 49/64 & 7/8.
24-AG Tap Sizes	9/16-12, 5/8-11, 3/4-10, 7/8-9 & 1-8.

B-18TD BRIGHT FINISH 118° POINT - DRILL & TAP COMBO SET

Part No.	Description of Sizes
60541	
Type 100 Drill Sizes	#36, 29, 25, 21, 7, F, 5/16, U & 27/64.
Type 20 Tap Sizes	6-32, 8-32, 10-24, 10-32, 1/4-20 7 5/16-18, 3/8-16, 7/16-14 & 1/2-13.

COMBINATION DRILL & TAP

Type 40-AG

- Hi-Molybdenum tool steel ensures longer tool life.
- Combination drill and taps are ideally suited for on-site tapping in construction, maintenance and repair, assembly, production environments.
- The self-centering helical point provides excellent drilling precision and accuracy.



TYPE 40-AG

Part No.	Size
73770	4-40
73780	4-48
73790	5-40
73800	5-44
73810	6-32
73820	6-40
73830	8-32
73840	8-36

COMBO DRILL & TAP

Part No.	Size	Part No.	Size	Part No.	Size
73850	10-24	73930	3/8-16		
73860	10-32	73940	3/8-24		
73870	12-24	73950	7/16-14		
73880	12-28	73960	7/16-20		
73890	1/4-20	73970	1/2-13		
73900	1/4-28	73980	1/2-20		
73910	5/16-18				
73920	5/16-24				

SETS

Part No.	Description of Sizes
73991	7 pc set
40-AG - DT-7F	8-36, 10-32, 1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20
Fine	
73990	7 pc set
40-AG - DT-7C	8-32, 10-24, 1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13
Coarse	

DRILL & TAP COMBO

Type 34-AG

Magnum Super Premium

- Includes the correct drill with corresponding size tap on a hanging card.
- Both tools are gold surface treated for maximum lubricity, and precision ground for the ultimate in accuracy and performance.
- Hi-Molybdenum super premium twist drill combined with the corresponding Hi-Tungsten Magnum spiral point tap.

Part No.	Thread Size	Drill Size	Part No.	Thread Size	Drill Size
51800	6-32	36	51890	1/4-28	3
51810	6-40	33	51900	5/16-18	F
51820	8-32	29	51910	5/16-24	I
51830	8-36	29	51920	3/8-16	5/16
51840	10-24	25	51930	3/8-24	Q
51850	10-32	21	51940	7/16-14	U
51860	12-24	16	51950	7/16-20	25/64
51870	12-28	14	51960	1/2-13	27/64
51880	1/4-20	7	51970	1/2-20	29/64

Carded Hanging Display

38 Piece MRO Pro-Pack Drilling & Tapping Combo Carded Super Premium Black & Gold Twist Drill combined with the Corresponding Hi-Tungsten Spiral Point Gold Tap.

Part No. 52001

One Each of	Two Each of	Three Each of	Four Each of
6-32	8-32	5/16-18	1/4-20
6-40	8-36	3/8-16	
12-24	10-24	7/16-14	
12-28	10-32	1/2-13	
	1/4-28		
	5/16-24		
	3/8-24		
	7/16-20		
	1/2-20		

HSS Taps & Dies

HSS TAP SETS & HEX DIES - METRIC

Magnum Super Premium

- Straight flute or spiral point taps in rugged black steel index.



SPIRAL & STRAIGHT FLUTE TAP SETS

SP-19T - Type 20-AG - Spiral Point

Part No.	Sizes
61600	0-80, 1-64, 1-72, 2-56, 2-64, 3-48, 3-56, 4-40, 4-48, 5-40, 5-44, 6-32, 6-40, 8-32, 8-36, 10-24, 10-32, 12-24 & 12-28

SP-10T - Type 20-AG - Spiral Point

Part No.	Sizes
61610	1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20

SF-10T - Type 24-AG - Straight Flute

Part No.	Sizes
61620	1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20

HIGH-SPEED STEEL HEX DIES

Type 27-AG

Magnum Super Premium Dies

- Special Hi-Molybdenum tool steel, polished gold finish with black surface treated threads for long life and rich appearance.
- These dies are used for threading rods, bolts, studs and other pieces requiring external threads.
- The outside hex configuration allows both wrench and die stock use in threading.



TYPE 27-AG

Part No.	Size	Across Flats	Qty. per/pack
61000	4-40	1"	3
61010	6-32	1"	3
61020	8-32	1"	3
61030	10-24	1"	3
61040	10-32	1"	3
61050	12-24	1"	3
61060	1/4-20	1"	3
61070	1/4-28	1"	3
61080	5/16-18	1"	3
61090	5/16-24	1"	3
61100	3/8-16	1"	3
61110	3/8-24	1"	3
61120	7/16-14	1"	3
61130	7/16-20	1"	3
61140	1/2-13	1"	3
61150	1/2-20	1"	3
61160	9/16-12	1-7/16"	1
61170	9/16-18	1-7/16"	1
61180	5/8-11	1-7/16"	1
61190	5/8-18	1-7/16"	1
61200	3/4-10	1-7/16"	1
61210	3/4-16	1-7/16"	1
61220	1/8-27	1"	1
61230	1/4-18	1-7/16"	1

TYPE 27-AG METRIC

Part No.	Size	Across Flats	Qty. per/pack
60511	3.0 x 0.50	1"	3
60521	3.5 x 0.60	1"	3
60531	4.0 x 0.70	1"	3
60551	5.0 x 0.80	1"	3
60561	6.0 x 1.00	1"	3
60581	8.0 x 1.25	1"	3
60601	10.0 x 1.50	1"	3
60621	12.0 x 1.75	1-7/16"	1
60622	14.0 x 1.50	1-7/16"	1

HSS Taps & Dies

25PC / 23PC / 15PC / 14PC HSS TAP & DIE ASSORTMENTS

25 Piece Magnum Super Premium Set Spiral Point Plug Taps & Hex Dies

Set contains: Type 20-AG and 27-AG

- HSS spiral point taps & HSS hex dies sizes: 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20.
- HSS pipe tap and hex die size: 1/8-27 NPT.
- T-Handle tap wrench: 3/16"-1/2".
- Die stock & Screw pitch gauge.
- SP-25TDI

Supplied in sturdy plastic case.

PART NO. 35173



Part # 35173

23 Piece Magnum Super Premium Set - Metric Spiral Point Taps & Hex Dies

Set contains: Type 21-AG and 27-AG

- HSS spiral point taps & HSS hex dies sizes: 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80 6.0-1.00, 8.0-1.25, 10.0-1.50 & 12.0-1.75.
- HSS pipe tap and hex die size: 1/8-27 NPT.
- T-Handle tap wrenches: 0 - 1/4" & 3/16"-1/2".
- Straight handle tap wrench: #4 - 1/2".
- Die stock & Screw metric pitch gauge.
- SP-23TDI

Supplied in sturdy plastic case.

PART NO. 35170

15 Piece Magnum Super Premium Set Spiral Point Plug Taps & Hex Dies

Set contains: Type 20-AG and 27-AG

- HSS spiral point taps & HSS hex dies sizes: 6-32, 8-32, 10-24, 10-32, 12-24 & 1/4-20.
- T-Handle tap wrench: 0 - 1/4".
- Economy die stock & Screw pitch gauge.
- SP-15TDI

Supplied in sturdy plastic case.

PART NO. 35174

14 Piece Magnum Super Premium Set - Metric Spiral Point Taps & Hex Dies

Set contains: Type 21-AG and 27-AG

- HSS spiral point taps sizes: 2.5-.45, 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80 & 6.0-1.00.
- HSS hex dies sizes: 3.0-.50, 3.5-.60, 4.0-.70, 5.0-.80 & 6.0-1.00.
- T-Handle tap wrench: 0 - 1/4".
- SP-14TDI

Economy die stock & Screw metric pitch gauge.

Supplied in sturdy plastic case.

PART NO. 35172

HSS Taps & Dies

58PCS & 40PCS HSS TAPS & DIE ASSORTMENTS

- Special Hi -Tungsten and Hi -Molybdenum tool steels, gold surface treated for maximum lubricity.
- Recommended for use in production tapping and drilling in work hardening grades of stainless steel and other hard metal applications.
- Precision ground tap threads for the ultimate in accuracy and performance.



Part # 61680

58 Piece Magnum Super Premium Set Straight Flute Plug Taps & Hex Dies

Set contains: Type 24-AG and 27-AG

- HSS straight flute taps & HSS hex dies sizes: 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13, 1/2-20, 9/16-12, 9/16-18, 5/8-11, 5/8-18, 3/4-10, 3/4-16, 1/8-27NPT & 1/4-18NPT.
- Straight handle tap wrenches: #4-1/2" & 1/4"-3/4".
 - Die stocks: MED R/H & 1"/R/H.
 - T-handle tap wrench: 0-1/4".
 - Screw pitch gauge.
- Screw driver & Spiral flute extractors sizes: Ex 1 thru Ex 5.
 - SF-58TDI

PART NO. 61680

40 Piece Magnum Super Premium Set Straight Flute Plug Taps & Hex Dies

Set contains: Type 24-AG and 27-AG

- HSS straight flute taps & HSS hex dies sizes: 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20.
- HSS pipe tap and hex die size: 1/8-27 NPT.
- T-Handle tap wrenches: 0 - 1/4" & 3/16"-1/2".
 - Straight handle tap wrench: #4 - 1/2".
- Die stock, Screw pitch gauge & Screw driver.
 - SF-40TDI

Supplied in sturdy red plastic case.

PART NO. 35171



Part # 35171

40 Piece Magnum Super Premium Set Spiral Point Plug Taps & Hex Dies

Set contains: Type 20-AG and 27-AG

- HSS spiral point taps & HSS hex dies sizes: 4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20, 1/2-13 & 1/2-20.
- HSS pipe tap and hex die size: 1/8-27 NPT.
- T-Handle tap wrenches: 0 - 1/4" & 3/16"-1/2".
 - Straight handle tap wrench: #4 - 1/2".
- Die stock, Screw pitch gauge & Screw driver.
 - SP-40TDI

Supplied in sturdy red plastic case.

PART NO. 35181

Hi-Carbon Steel Taps

HI-CARBON STEEL TAPS - U.S. SIZES (PLUG & TAPER)

Type 720 -Plug -Fractional , Type 721 -Plug -Machine Screw

Type 740 -Taper -Fractional , Type 741 -Taper -Machine Screw

- Made of super tough carbon steel, these taps are ideal for hand tapping and re-threading applications.



Plug - Type 721



Taper-Type 741

TYPE 720 -PLUG FRACTIONAL

Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
55010	3/16x24	26	3	3
55020	3/16x32	22	3	3
55030	1/4x20	7	3	3
55040	1/4x28	3	3	3
55050	5/16x18	17/64	4	3
55060	5/16x24	17/64	4	3
55070	3/8x16	5/16	4	3
55080	3/8x24	21/64	4	3
55090	7/16x14	3/8	4	3
55100	7/16x20	25/64	4	3
55110	1/2x13	27/64	4	3
55120	1/2x20	29/64	4	3
55130	9/16x12	31/64	4	1
55140	9/16x18	33/64	4	1
55150	5/8x11	17/32	4	1
55720	5/8x18	37/64	4	1
55730	11/16x11	19/32	4	1
55740	11/16x16	5/8	4	1
55160	3/4x10	21/32	4	1
55890	3/4x16	11/16	4	1
55170	7/8x9	49/64	4	1
55180	7/8x14	13/16	4	1
55190	1x8	7/8	4	1
55200	1x12	29/32	4	1
55210	1x14	15/16	4	1

TYPE 740 -TAPER FRACTIONAL

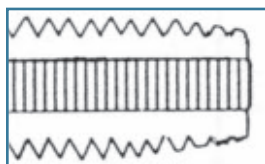
Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
55250	3/16x24	26	3	3
55260	3/16x32	22	3	3
55270	1/4x20	7	3	3
55280	1/4x28	3	3	3
55290	5/16x18	17/64	4	3
55300	5/16x24	17/64	4	3
55310	3/8x16	5/16	4	3
55320	3/8x24	21/64	4	3
55330	7/16x14	3/8	4	3
55340	7/16x20	25/64	4	3
55350	1/2x13	27/64	4	3
55360	1/2x20	29/64	4	3
55370	9/16x12	31/64	4	1
55380	9/16x18	33/64	4	1
55390	5/8x11	17/32	4	1
55460	5/8x18	37/64	4	1
55470	11/16x11	19/32	4	1
55480	11/16x16	5/8	4	1
55400	3/4x10	21/32	4	1
55710	3/4x16	11/16	4	1
55410	7/8x9	49/64	4	1
55420	7/8x14	13/16	4	1
55430	1x8	7/8	4	1
55440	1x12	29/32	4	1
55450	1x14	15/16	4	1

TYPE 721 -PLUG MACHINE SCREW

Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
54860	0x80	3/64	3	3
54870	1x64	53	3	3
54880	1x72	53	3	3
54890	2x56	50	3	3
54900	2x64	50	3	3
54910	3x48	47	3	3
54920	3x56	46	3	3
55750	4x36	43	3	3
55760	4x40	44	3	3
55770	5x40	38	3	3
55780	6x32	36	3	3
55790	6x40	34	3	3
55800	6x48	32	3	3
55810	8x32	29	3	3
55820	8x36	29	3	3
55830	8x40	28	3	3
55840	10x24	25	3	3
55850	10x32	21	3	3
55860	12x24	16	3	3
55870	12x28	16	3	3
55880	14x20	10	3	3

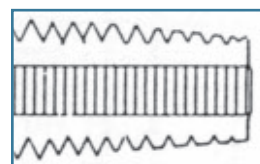
TYPE 741 -TAPER MACHINE SCREW

Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
54790	0X80	3/64	3	3
54800	1X64	53	3	3
54810	1X72	53	3	3
54820	2X56	50	3	3
54830	2X64	50	3	3
54840	3X48	47	3	3
54850	3X56	46	3	3
55900	4x36	43	3	3
55910	4x40	44	3	3
55920	5x40	38	3	3
55930	6x32	36	3	3
55940	6x40	34	3	3
55950	6x48	32	3	3
55960	8x32	29	3	3
55970	8x36	29	3	3
55980	8x40	28	3	3
55990	10x24	25	3	3
56000	10x32	21	3	3
56010	12x24	16	3	3
56020	12x28	16	3	3
56030	14x20	10	3	3



PLUG - Type 720 & 721

Three to five threads chamfered. For general use when tapping into the bottom of the hole is not critical. (This is the most widely used style.)



TAPER - Type 740 & 741

Eight to ten threads chamfered for easy use thread starting in tough materials.

Hi-Carbon Steel Taps

HI-CARBON STEEL TAPS - U.S. SIZES (BOTTOMING & 3 Piece SETS)

Type 760 -Bottoming -Fractional , Type 761 -Bottoming -Machine Screw
Type 722 -3 pcs. Sets -Fractional , Type 723 -3 pcs. Sets -Machine Screw



Bottoming - Type 761

TYPE 760 BOTTOMING FRACTIONAL

Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
55500	3/16x24	26	3	3
55510	3/16x32	22	3	3
55520	1/4x20	7	3	3
55530	1/4x28	3	3	3
55540	5/16x18	17/64	4	3
55550	5/16x24	17/64	4	3
55560	3/8x16	5/16	4	3
55570	3/8x24	21/64	4	3
55580	7/16x14	3/8	4	3
55590	7/16x20	25/64	4	3
55600	1/2x13	27/64	4	3
55610	1/2x20	29/64	4	3
55620	9/16x12	31/64	4	1
55630	9/16x18	33/64	4	1
55640	5/8x11	17/32	4	1
56040	5/8x18	37/64	4	1
56050	11/16x11	19/32	4	1
56060	11/16x16	5/8	4	1
55650	3/4x10	21/32	4	1
56070	3/4x16	11/16	4	1
55660	7/8x9	49/64	4	1
55670	7/8x14	13/16	4	1
55680	1x8	7/8	4	1
55690	1x12	29/32	4	1
55700	1x14	15/16	4	1

These items are also available carded. See Price List Catalog for details.

TYPE 722 3 PCS. SETS FRACTIONAL

Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
56300	3/16x24	26	3	1
56310	3/16x32	22	3	1
56320	1/4x20	7	3	1
56330	1/4x28	3	3	1
56340	5/16x18	17/64	4	1
56350	5/16x24	17/64	4	1
56360	3/8x16	5/16	4	1
56370	3/8x24	21/64	4	1
56380	7/16x14	3/8	4	1
56390	7/16x20	25/64	4	1
56400	1/2x13	27/64	4	1
56410	1/2x20	29/64	4	1
56420	9/16x12	31/64	4	1
56430	9/16x18	33/64	4	1
56440	5/8x11	17/32	4	1
56590	5/8x18	37/64	4	1
56740	11/16x11	19/32	4	1
56750	11/16x16	5/8	4	1
56450	3/4x10	21/32	4	1
56760	3/4x16	11/16	4	1
56460	7/8x9	49/64	4	1
56470	7/8x14	13/16	4	1
56480	1x8	7/8	4	1
56490	1x12	29/32	4	1
56500	1x14	15/16	4	1

Includes one of each same size Taper, Plug and Bottoming taps

TYPE 761 BOTTOMING MACHINE SCREW

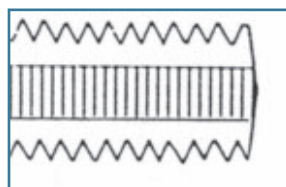
Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
54930	0x80	3/64	3	3
54940	1x64	53	3	3
54950	1x72	53	3	3
54960	2x56	50	3	3
54970	2x64	50	3	3
54980	3x48	47	3	3
54990	3x56	46	3	3
56100	4x36	43	3	3
56110	4x40	44	3	3
56120	5x40	38	3	3
56130	6x32	36	3	3
56140	6x40	34	3	3
56150	6x48	32	3	3
56160	8x32	29	3	3
56170	8x36	29	3	3
56180	8x40	28	3	3
56190	10x24	25	3	3
56200	10x32	21	3	3
56210	12x24	16	3	3
56220	12x28	16	3	3
56230	14x20	10	3	3

These items are also available carded. See Price List Catalog for details.

TYPE 723 3 PCS. SETS MACHINE SCREW

Part No.	Size	Tap Drill Size	No. of Flutes	Qty. per/pack
56600	4x36	43	3	1
56610	4x40	44	3	1
56620	5x40	38	3	1
56630	6x32	36	3	1
56640	6x40	34	3	1
56650	6x48	32	3	1
56660	8x32	29	3	1
56670	8x36	29	3	1
56680	8x40	28	3	1
56690	10x24	25	3	1
56700	10x32	21	3	1
56710	12x24	16	3	1
56720	12x28	16	3	1
56730	14x20	10	3	1

Includes one of each same size Taper, Plug and Bottoming taps.



BOTTOMING Type 760 & 761

One-and -one half threads chamfered. To use after threads have been started for tapping to the bottom of a hole.

Hi-Carbon Steel Dies

HI- CARBON STEEL DIES - HEX DIES

Type 405 -Machine Screw & Fractional sizes , Type 790 -Metric

- These dies are made of high quality carbon tool steel and meet the highest industry standards.
- A complete selection of solid round, adjustable round, and solid hex dies for right hand threads is available.
- Select sizes of dies may be imported.



TYPE 405 MACHINE SCREW & FRACTIONAL SIZES

Part No.	Size	Across Flats	Qty. per/pack
86000	4x40	1"	3
86010	4x36	1"	3
86020	5x40	1"	3
86030	6x32	1"	3
86040	8x32	1"	3
86050	10x24	1"	3
86060	10x32	1"	3
86070	12x24	1"	3
86080	14x20	1"	3
86100	3/16x24	1"	3
86110	3/16x32	1"	3
86120	1/4x20	1"	3
86130	1/4x28	1"	3
86140	5/16x18	1"	3
86150	5/16x24	1"	3
86160	3/8x16	1"	3
86170	3/8x24	1"	3
86180	7/16x14	1"	3
86190	7/16x20	1"	3
86200	1/2x13	1"	3
86210	1/2x20	1"	3
86220	9/16x12	1-7/16	1
86230	9/16x18	1-7/16	1
86240	5/8x11	1-7/16	1
86250	5/8x18	1-7/16	1
86260	11/16x11	1-7/16	1
86270	11/16x16	1-7/16	1
86280	3/4x10	1-7/16	1
86290	3/4x16	1-7/16	1
86300	7/8x9	1-5/8	1
86310	7/8x14	1-5/8	1
86320	1x8	1-13/16	1
86330	1x12	1-13/16	1
86340	1x14	1-13/16	1
86350	1/8x27	1"	1
86360	1/4x18	1"	1

TYPE 790 METRIC SIZES

Part No.	Size	Across Flats	Qty. per/pack
84000	3x.50	1"	3
84010	3x.60	1"	3
84020	4x.70	1"	3
84030	4x.75	1"	3
84040	5x.80	1"	3
84050	5x.90	1"	3
84060	6x1.00	1"	3
84070	7x1.00	1"	3
84270	8x1.00	1"	3
84080	8x1.25	1"	3
84090	9x1.00	1"	3
84100	9x1.25	1"	3
84110	10x1.00	1"	3
84120	10x1.25	1"	3
84130	10x1.50	1"	3
84140	11x1.50	1"	3
84280	12x1.25	1"	3
84150	12x1.50	1"	3
84160	12x1.75	1"	3
84170	14x1.25	1-7/16	1
84290	14x1.50	1-7/16	1
84180	14x2.00	1-7/16	1
84190	16x1.50	1-7/16	1
84200	16x2.00	1-7/16	1
84210	18x1.50	1-7/16	1
84300	18x2.00	1-7/16	1
84220	18x2.50	1-7/16	1

*These items are also available carded.
See Price List Catalog for details.*

HEXAGONAL DIES: TIPS

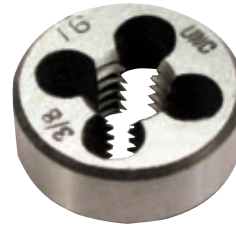
Carbon steel dies are primarily used for restoring damaged threads. Hex shape allows them to be driven in cramped quarters with a wrench.

Hi-Carbon Steel Dies

HI-CARBON STEEL DIES - ADJUSTABLE & ROUND

Type 415 -Adjustable , Type 400 -Round

- These dies are made of high quality carbon tool steel and meet the highest industry standards.
- We offer a complete selection of solid round and adjustable round for right hand threads.
- Select sizes of dies may be imported.



TYPE 415 -ADJUSTABLE MACHINE SCREW & FRACTIONAL

Part No.	Size	O.D.	Qty. per/pack
85000	0x80	1"	3
85010	1x64	1"	3
85020	1x72	1"	3
85030	2x56	1"	3
85040	2x64	1"	3
85050	3x48	1"	3
85060	3x56	1"	3
85070	4x40	1"	3
85080	4x36	1"	3
85090	5x40	1"	3
85100	6x32	1"	3
85110	8x32	1"	3
85120	10x24	1"	3
85130	10x32	1"	3
85140	12x24	1"	3
85150	14x20	1"	3
85170	3/16x24	1"	3
85180	3/16x32	1"	3
85190	1/4x20	1"	3
85200	1/4x28	1"	3
85210	5/16x18	1"	3
85220	5/16x24	1"	3
85230	3/8x16	1"	3
85240	3/8x24	1"	3
85250	7/16x14	1"	3
85260	7/16x20	1"	3
85270	1/2x13	1"	3
85280	1/2x20	1"	3
85290	9/16x12	1-1/2	1
85300	9/16x18	1-1/2	1
85310	5/8x11	1-1/2	1
85320	5/8x18	1-1/2	1
85330	11/16x11	2"	1
85340	11/16x16	2"	1
85350	3/4x10	2"	1
85360	3/4x16	2"	1
85370	7/8x9	2"	1
85380	7/8x14	2"	1
85390	1x8	2"	1
85400	1x12	2"	1
85410	1x14	2"	1
85420	1/8x27	1"	3
85430	1/4x18	1"	3
85440	3/8x18	1-1/2	1
85450	1/2x14	1-1/2	1

These items are also available carded. See Price List Catalog for details.

TYPE 400 -ROUND MACHINE SCREW & FRACTIONAL

Part No.	Size	O.D.	Qty. per/pack
53600	4x36	1"	3
53610	4x40	1"	3
53620	5x40	1"	3
53630	6x32	1"	3
53640	8x32	1"	3
53650	10x24	1"	3
53660	10x32	1"	3
53670	12x24	1"	3
53680	14x20	1"	3
53690	3/16x24	1"	3
53700	3/16x32	1"	3
53710	1/4x20	1"	3
53720	1/4x28	1"	3
53730	5/16x18	1"	3
53820	5/16x24	1"	3
53740	3/8x16	1"	3
53750	3/8x24	1"	3
53760	7/16x14	1"	3
53830	7/16x20	1"	3
53770	1/2x13	1"	3
53780	1/2x20	1"	3
53790	1/2x24	1"	3
53800	1/8x27 (PIPE)	1"	3
53810	1/4x18 (PIPE)	1"	3

These items are also available carded. See Price List Catalog for details.

ADJUSTABLE & ROUND DIES: TIPS

Adjustable Dies:

These dies have a recessed adjusting screw so threads can be cut slightly undersize or oversize.

Round Dies:

Inexpensive round dies are 1" wide. They will thread rods up to 1/2" diameter.

Hi-Carbon Steel Taps

HI-CARBON TAPS - METRIC PLUG & TAPERED PIPE TAPS

Type 780 -Metric Plug

- All popular sizes offered for foreign car, motorcycle, and machinery threading needs.



TYPE 780 -METRIC PLUG

Part No.	Size	Tap Drill Size	Number of Flutes	Qty. per/pack
83010	3x.50	40	3	3
83020	3x.60	3/32	3	3
83030	4x.70	1/8	3	3
83040	4x.75	1/8	3	3
83050	5x.80	11/64	3	3
83060	5x.90	20	3	3
83070	6x1.00	13/64	3	3
83080	7x1.00	15/64	4	3
84230	8x1.00	F	4	3
83090	8x1.25	17/64	4	3
83100	9x1.00	5/16	4	3
83110	9x1.25	5/16	4	3
56800	10x1.00	23/64	4	3
83130	10x1.25	S	4	3
83140	10x1.50	11/32	4	3
83150	11x1.50	3/8	4	3
84240	12x1.25	27/64	4	3
83160	12x1.50	13/32	4	3
83170	12x1.75	27/64	4	3
56810	14x1.25	33/64	4	1
84250	14x1.50	1/2	4	1
83190	14x2.00	15/32	4	1
83200	16x1.50	37/64	4	1
83210	16x2.00	35/64	4	1
56820	18x1.50	21/32	4	1
84260	18x2.00	5/8	4	1
83230	18x2.50	39/64	4	1

These items are also available carded. See Price List Catalog for details.

Type 410 Pipe Taps

- Made of tough carbon steel to industry standards.



TYPE 410 PIPE TAPS FRACTIONAL

Part No.	Diameter	Tap Drill Size	Shank	Number of Flutes	Qty. per/pack
56910	1/8 x 27	11/32	5/16	4	3
56920	1/4 x 18	7/16	7/16	4	3
56930	3/8 x 18	37/64	1/2	4	1
56940	1/2 x 14	23/32	1/2	4	1
56950	3/4 x 14	59/64	5/8	4	1
56960	1 x 11-1/2	1-5/32	13/16	5	1
56970	1-1/4 x 11-1/2	1-1/2	1"	5	1
56980	1-1/2 x 11-1/2	1-47/64	1-1/4"	7	1
56990	2 x 11-1/2	2-7/32	1-3/8"	6	1



Product Tips

NEED A TAPPING LUBE?

High Performance Ultra SP™
will do the job! Found on page 102

METRIC

Hi-Carbon - Metric Plug & Pipe Taps

Hi-Carbon Taps & Dies

14PC / 16PC HI-CARBON TAP & DIE SETS

Type 724

Professional Quality

- Made of high carbon tool steel
- Sharp, clean cutting edges, hardened, and tempered to cut smooth threads
- Sets are available in round and hexagon styles
- Sets are packed in plastic cases
- Select sizes of dies may be imported



14 Piece Hi-Carbon Steel Fractional NC - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 3/16 to 1/2
- Stock #HNC14PC

Supplied in sturdy plastic case.

PART NO. 50090

16 Piece Hi-Carbon Steel Metric - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
4mm x 0.70, 5mm x 0.80, 6mm x 1.00, 8mm x 1.25,
10mm x 1.25, 10mm x 1.50, 12mm x 1.50
- T-Handle Tap Wrench: 3/16 to 1/2
- Stock #HMM16PC

PART NO. 50140

14 Piece Hi-Carbon Steel Fractional NF - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 3/16 to 1/2
- Stock #HNF14PC

Supplied in sturdy plastic case.

PART NO. 50080

16 Piece Hi-Carbon Steel Fractional NC - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20
- T-Handle Tap Wrench: 0 to 1/4
- Stock #HEX16PC

PART NO. 50100

14 Piece Hi-Carbon Steel Fractional NC - with Round Die Set

Set contains:

- Hi-Carbon steel plug taps and round dies sizes:
1/4-20, 5/16-18, 3/8-16, 7/16-14, 1/2-13, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 3/16 to 1/2
- Stock #RNC14PC

Supplied in sturdy plastic case.

PART NO. 50030

16 Piece Hi-Carbon Steel Fractional NC - with Round Die Set

Set contains:

- Hi-Carbon steel plug taps and round dies sizes:
4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20
- T-Handle Tap Wrench: 0 to 1/4
- Stock #RND19PC

PART NO. 50040

14 Piece Hi-Carbon Steel Fractional NF - with Round Die Set

Set contains:

- Hi-Carbon steel plug taps and round dies sizes:
1/4-28, 5/16-24, 3/8-24, 7/16-20, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 3/16 to 1/2

Supplied in sturdy plastic case.

PART NO. 50020

Hi-Carbon Taps & Dies

24PC / 37PC HI-CARBON TAP & DIE SETS

Type 724

Professional Quality

- Made of high carbon tool steel.
- Plug taps are furnished in all sets.
- Dies are available in round and hexagon styles.
- Sets are packed in plastic.
- Select sizes of dies may be imported



24 Piece Hi-Carbon Steel Fractional Combination NC, NF - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24,
7/16-14, 7/16-20, 1/2-13, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 3/16 to 1/2
- Stock #HEX24PC

Supplied in sturdy plastic case.

PART NO. 50110

24 Piece Hi-Carbon Steel Fractional Combination NC, NF - with Round Die Set

Set contains:

- Hi-Carbon steel plug taps and round dies sizes:
1/4-20, 1/4-28, 5/16-18, 5/16-24, 3/8-16, 3/8-24,
7/16-14, 7/16-20, 1/2-13, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 3/16 to 1/2
- Stock #RND24PC

Supplied in sturdy plastic case.

PART NO. 50050

37 Piece Hi-Carbon Steel Machine Screw & Fractional NC, NF - with Round Die Set

Set contains:

- Hi-Carbon steel plug taps and round dies sizes:
4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28
5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20
1/2-13, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 0 to 1/4 & 3/16 to 1/2
- Stock #RND37PC

Supplied in sturdy plastic case.

PART NO. 50060

37 Piece Hi-Carbon Steel Master Metric - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
3mm x 0.50, 3mm x 0.60, 4mm x 0.70, 4mm x 0.75,
5mm x 0.80, 5mm x 0.90, 6mm x 1.00, 7mm x 1.00,
8mm x 1.25, 9mm x 1.00, 9mm x 1.25, 10mm x 1.25,
10mm x 1.50, 11mm x 1.50, 12mm x 1.50, 12mm x 1.75,
1/8-27 NPT Pipe
- T-Handle Tap Wrench: 0 to 1/4 & 3/16 to 1/2
- Stock #HMM37PC

Supplied in sturdy plastic case.

PART NO. 50150

37 Piece Hi-Carbon Steel Machine Screw & Fractional NC, NF - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
4-40, 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28
5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20
1/2-13, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 0 to 1/4 & 3/16 to 1/2
- Stock #HEX37PC

Supplied in sturdy plastic case.

PART NO. 50120

Hi-Carbon Taps & Dies

40PC HI-CARBON MACHINE SCREW / FRACTIONAL

Type 724

Professional Quality

- Taps and Dies made of high carbon steel.
- Plug taps are furnished in all sets in sizes to fill most requirements.
- Dies are available in round and hex styles.
- Sets are packed in durable plastic cases.
- Select sizes of dies may be imported.



40 Piece Hi-Carbon Steel Machine Screw /Fractional NC, NF - with Round Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
4-40 , 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28,
5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20,
1/2-13, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 0 to 1/4 & 1/4 to 1/2
- Tap & Reamer Wrench: 0 to 1/2
- Adjustable Die Stock, Screw Driver, Screw Pitch Gauge
- Stock #RND40PC

Supplied in sturdy plastic case.

PART NO. 50070

40 Piece Hi-Carbon Steel Machine Screw /Fractional NC, NF - with Hex Die Set

Set contains:

- Hi-Carbon steel plug taps and hex dies sizes:
4-40 , 6-32, 8-32, 10-24, 10-32, 12-24, 1/4-20, 1/4-28,
5/16-18, 5/16-24, 3/8-16, 3/8-24, 7/16-14, 7/16-20,
1/2-13, 1/2-20, 1/8-27 NPT Pipe
- T-Handle Tap Wrench: 0 to 1/4 & 1/4 to 1/2
- Tap & Reamer Wrench: 0 to 1/2
- Adjustable Die Stock, Screw Driver, Screw Pitch Gauge
- Stock #HEX40PC

Supplied in sturdy plastic case.

PART NO. 50130