

## S.T.I. TAPS - HIGH SPEED GROUND

High quality tap

S.T.I. taps are oversize to rethread damaged threads

Available in plug and bottoming style only

### MACHINE SCREW SIZES

Plug Catalog EDI-#	Bottom Catalog EDI-#	Nominal Size	H Limits	# of Flutes	Thread Length	Overall Length	List Price
59001	59301	4-40 UNC	1	3	9/16	1 7/8	\$6.90
59002	59302	4-40 UNC	2	3	9/16	1 7/8	6.90
59003	59303	4-48 UNF	1	3	9/16	1 7/8	6.90
59004	59304	4-48 UNF	2	3	9/16	1 7/8	6.90
59005	59305	5-40 UNC	1	3	5/8	1 15/16	6.90
59006	59306	5-40 UNC	2	3	5/8	1 15/16	6.90
59007	59307	6-32 UNC	1	3	11/16	2	5.60
59008	59308	6-32 UNC	2	3	11/16	2	5.60
59009	59309	6-40 UNF	2	3	11/16	2	5.60
59010	59310	6-40 UNF	3	3	11/16	2	5.60
59011	59311	8-32 UNC	2	4	3/4	2 1/8	5.75
59012	59312	8-32 UNC	3	4	3/4	2 1/8	5.75
59013	59313	8-36 UNF	2	4	3/4	2 1/8	5.75
59014	59314	8-36 UNF	3	4	3/4	2 1/8	5.75
59015	59315	10-24 UNC	2	4	7/8	2 3/8	5.90
59016	59316	10-24 UNC	3	4	7/8	2 3/8	5.90
59017	59317	10-32 UNF	2	4	7/8	2 3/8	5.90
59018	59318	10-32 UNF	3	4	7/8	2 3/8	5.90
59019	59319	12-24 UNC	2	4	15/16	2 3/8	6.25
59020	59320	12-24 UNC	3	4	15/16	2 3/8	6.25
59021	59321	12-28 UNF	2	4	15/16	2 3/8	6.25
59022	59322	12-28 UNF	3	4	15/16	2 3/8	6.25



### FRACTIONAL SIZES

Plug Catalog EDI-#	Bottom Catalog EDI-#	Nominal Size	H Limits	# of Flutes	Thread Length	Overall Length	List Price
59023	59323	1/4-20 UNC	2	4	1	2 1/2	\$5.90
59024	59324	1/4-20 UNC	3	4	1	2 1/2	5.90
59025	59325	1/4-28 UNF	2	4	1	2 1/2	5.90
59026	59326	1/4-28 UNF	3	4	1	2 1/2	5.90
59027	59327	5/16-18 UNC	3	4	1 1/8	2 23/32	7.25
59028	59328	5/16-18 UNC	4	4	1 1/8	2 23/32	7.25
59029	59329	5/16-24 UNF	2	3	1 1/8	2 23/32	7.25
59030	59330	5/16-24 UNF	3	4	1 1/8	2 23/32	7.25
59031	59331	3/8-16 UNC	3	4	1 1/4	2 15/16	8.20
59032	59332	3/8-16 UNC	4	4	1 1/4	2 15/16	8.20
59033	59333	3/8-24 UNF	2	4	1 1/4	2 15/16	8.20
59034	59334	3/8-24 UNF	3	4	1 1/4	2 15/16	8.20
59035	59335	7/16-14 UNC	3	4	1 7/16	3 5/32	12.15
59036	59336	7/16-14 UNC	4	4	1 7/16	3 5/32	12.15
59037	59337	7/16-20 UNF	3	4	1 7/16	3 5/32	12.15
59038	59338	7/16-20 UNF	4	4	1 7/16	3 5/32	12.15
59039	59339	1/2-13 UNC	3	4	1 21/32	3 3/8	14.80
59040	59340	1/2-13 UNC	4	4	1 21/32	3 3/8	14.80
59041	59341	1/2-20 UNF	3	4	1 21/32	3 3/8	14.80
59042	59342	1/2-20 UNF	4	4	1 21/32	3 3/8	14.80
59043	59343	9/16-12 UNC	3	4	1 21/32	3 19/32	24.40
59044	59344	9/16-12 UNC	4	4	1 21/32	3 19/32	24.40
59045	59345	9/16-18 UNF	3	4	1 21/32	3 19/32	24.40
59046	59346	9/16-18 UNF	4	4	1 21/32	3 19/32	24.40

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## S.T.I. TAPS - HIGH SPEED GROUND – FRACTIONAL SIZES CONTINUED

Plug Catalog EDI-#	Bottom Catalog EDI-#	Nominal Size	H Limits	# of Flutes	Thread Length	Overall Length	List Price
59051	59351	5/8-11 UNC	3	4	1 13/16	3 13/16	\$29.10
59052	59352	5/8-11 UNC	5	4	1 13/16	3 13/16	29.10
59053	59353	5/8-18 UNF	3	4	1 13/16	3 13/16	29.10
59054	59354	5/8-18 UNF	5	4	1 13/16	3 13/16	29.10
59055	59355	3/4-10 UNC	3	4	2	4 1/4	40.85
59056	59356	3/4-10 UNC	5	4	2	4 1/4	40.85
59057	59357	3/4-16 UNF	3	4	2	4 1/4	40.85
59058	59358	3/4-16 UNF	5	4	2	4 1/4	40.85
59059	59359	7/8-9 UNC	4	4	2 7/32	4 11/16	55.20
59060	59360	7/8-9 UNC	5	4	2 7/32	4 11/16	55.20
59061	59361	7/8-14 UNF	4	4	2 7/32	4 11/16	55.20
59062	59362	7/8-14 UNF	5	4	2 7/32	4 11/16	55.20
59063	59363	1-8 UNC	4	4	2 1/2	5 1/8	73.75
59064	59364	1-8 UNC	6	4	2 1/2	5 1/8	73.75
59065	59365	1-12 UNF	4	4	2 1/2	5 1/8	73.75
59066	59366	1-12 UNF	6	4	2 1/2	5 1/8	73.75
59067	59367	1-14 NS	4	4	2 1/2	5 1/8	73.75
59068	59368	1-14 NS	6	4	2 1/2	5 1/8	73.75
59069	59369	1/8-7 UNC	4	4	2 9/16	5 7/16	119.30
59070	59370	1/8-12 UNF	4	4	2 9/16	5 7/16	119.30
59071	59371	1/4-7 UNC	4	4	2 9/16	5 3/4	157.20
59072	59372	1/4-7 UNF	4	6	2 9/16	5 3/4	157.20
59073	59373	3/8-6 UNC	4	4	3 1/8	6 3/16	208.85
59074	59374	3/8-12 UNF	4	6	3 1/8	6 3/16	208.85
59075	59375	1/2-6 UNC	4	4	3 1/8	6 1/2	319.40
59076	59376	1/2-12 UNF	4	6	3 1/8	6 1/2	319.40



## S.T.I. TAPS - SPIRAL POINT TAPS

High quality tap  
S.T.I. taps are oversize to rethread damaged threads  
Available in plug style only

## HIGH SPEED GROUND - FRACTIONAL SIZES

Plug Catalog EDI-#	Nominal Size	H Limits	# of Flutes	Thread Length	Overall Length	List Price
59077	1/4-20 UNC	2	4	1	2 1/2	\$6.85
59078	1/4-20 UNC	3	4	1	2 1/2	6.85
59079	1/4-28 UNF	2	4	1	2 1/2	6.85
59080	1/4-28 UNF	3	4	1	2 1/2	6.85
59081	5/16-18 UNC	3	4	1 1/8	2 23/32	8.35
59082	5/16-18 UNC	4	4	1 1/8	2 23/32	8.35
59083	5/16-24 UNF	2	4	1 1/8	2 23/32	8.35
59084	5/16-24 UNF	3	4	1 1/8	2 23/32	8.35
59085	3/8-16 UNC	3	4	1 1/4	2 15/16	9.45
59086	3/8-16 UNC	4	4	1 1/4	2 15/16	9.45
59087	3/8-24 UNF	2	4	1 1/4	2 15/16	9.45
59088	3/8-24 UNF	3	4	1 1/4	2 15/16	9.45
59089	7/16-14 UNC	3	4	1 7/16	3 5/32	15.85
59090	7/16-14 UNC	4	4	1 7/16	3 5/32	15.85
59091	7/16-20 UNF	3	4	1 7/16	3 5/32	15.85
59092	7/16-20 UNF	4	4	1 7/16	3 5/32	15.85
59093	1/2-13 UNC	3	4	1 21/32	3 3/8	16.10
59094	1/2-13-UNC	4	4	1 21/32	3 3/8	16.10
59095	1/2-20 UNF	3	4	1 21/32	3 3/8	16.10
59096	1/2-20 UNF	4	4	1 21/32	3 3/8	16.10
59097	5/8-11 UNC	3	4	1 13/16	3 13/16	31.30
59098	5/8-11 UNC	5	4	1 13/16	3 13/16	31.30
59099	5/8-11 UNF	3	4	1 13/16	3 13/16	31.30
59100	5/8-11 UNF	5	4	1 13/16	3 13/16	31.30
59101	3/4-10 UNC	3	4	2	4 1/4	43.95
59102	3/4-10 UNC	5	4	2	4 1/4	43.95
59103	3/4-16 UNF	3	4	2	4 1/4	43.95
59104	3/4-16 UNF	5	4	2	4 1/4	43.95

## S.T.I. TAPS - SPIRAL POINT TAPS HIGH SPEED GROUND – MACHINE SCREW SIZES

Plug Catalog EDI-#	Nominal Size	H Limits	# of Flutes	Thread Length	Overall Length	List Price
59105	4-40 UNC	1	2	9/16	1 7/8	\$8.05
59106	4-40 UNC	2	2	9/16	1 7/8	8.05
59107	4-48 UNF	1	2	9/16	1 7/8	8.05
59108	4-48 UNF	2	2	9/16	1 7/8	8.05
59109	5-40 UNC	1	2	5/8	1 15/16	8.05
59110	5-40 UNC	2	2	5/8	1 15/16	8.05
59111	6-32 UNC	1	2	11/16	2	6.55
59112	6-32 UNC	2	2	11/16	2	6.55
59113	6-40 UNF	2	2	11/16	2	6.55
59114	6-40 UNF	3	2	11/16	2	6.55
59115	8-32 UNC	2	2	3/4	2 1/8	6.75
59116	8-32 UNC	3	2	3/4	2 1/8	6.75
59117	8-36 UNF	2	2	3/4	2 1/8	6.75
59118	8-36 UNF	3	2	3/4	2 1/8	6.75
59119	10-24 UNC	2	2	7/8	2 3/8	6.85
59120	10-24 UNC	3	2	7/8	2 3/8	6.85
59121	10-32 UNF	2	2	7/8	2 3/8	6.85
59122	10-32 UNF	3	2	7/8	2 3/8	6.85
59123	12-24 UNC	2	2	15/16	2 3/8	7.30
59124	12-14 UNC	3	2	15/16	2 3/8	7.30
59125	12-28 UNF	2	2	15/16	2 3/8	7.30
59126	12-28 UNF	3	2	15/16	2 3/8	7.30

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## COMBINED TAPS & DRILLS HIGH SPEED STEEL - M2



### Ground Thread, List No. 3152

These taps are standard in high speed thread right hand American National form in plug style only.

Catalog EDI-#	Thread Size	Thread Length	H Limit	Drill		Overall Length	List Price
				Size	Flute Length		
59201	4-40 NC	9/16	H2	.0890	1/4	1 7/8	\$22.40
59202	4-48 NF	9/16	H2	.0930	1/4	1 7/8	23.70
59203	5-40 NC	5/8	H2	.1015	9/32	1 15/16	22.40
59204	5-44 NF	5/8	H2	.1040	9/32	1 15/16	23.70
59205	6-32 NC	11/16	H3 H2	.1095	5/16	2	22.40
59206	6-40 NF	11/16	H3 H2	.1150	5/16	2	23.70
59207	8-32 NC	3/4	H3	.1360	3/8	2 1/8	22.40
59208	8-36 NF	3/4	H3	.1385	3/8	2 1/8	23.70
59209	10-24 NC	7/8	H3	.1520	13/32	2 3/8	22.40
59210	10-32 NF	7/8	H3	.1610	13/32	2 3/8	23.70
59211	12-24 NC	7/8	H3	.1770	15/32	2 3/8	22.40
59212	12-28 NF	7/8	H3	.1835	15/32	2 3/8	23.70
59213	1/4-20 NC	15/16	H3	.2010	17/32	2 1/2	22.40
59214	1/4-28 NF	15/16	H3	.2175	17/32	2 1/2	23.70
59215	5/16-18 NC	1 1/8	H3	.2570	11/16	3	30.55
59216	5/16-24 NF	1 1/8	H3	.2720	11/16	3	31.95
59217	3/8-16 NC	1 1/4	H3	.3125	13/16	3 1/2	37.50
59218	3/8-24 NF	1 1/4	H3	.3345	13/16	3 1/2	39.10
59219	7/16-14 NC	1 7/16	H3	.3680	1	3 7/8	47.70
59220	7/16-20 NF	1 7/16	H3	.3890	1	3 7/8	49.95
59221	1/2-13 NC	1 21/32	H3	.4250	1 1/8	4 1/4	53.95
59222	1/2-20 NF	1 21/32	H3	.4510	1 1/8	4 1/4	55.80



## METRIC COMBINED TAPS & DRILLS HIGH SPEED STEEL - M2

Catalog EDI-#	Thread Size mm	Pitch mm	Pitch Dia. Limits	Overall Length In.	Drill Length In.	Drill Dia. In.	Thread Length In.	Square Length In.	Shank Dia. In.	Square Size In.	List Price
59223	M3x5	0.5	D3	1 15/16	9/32	.1015	13/32	3/16	.141	.110	\$25.80
59224	M3.5x6	0.6	D4	2	5/16	.1180	7/16	3/16	.141	.110	25.80
59225	M4x7	0.7	D4	2 1/8	3/8	.1340	1/2	1/4	.168	.131	26.40
59226	M4.5x.75	0.75	D4	2 3/8	13/32	.1520	5/8	1/4	.194	.152	26.40
59227	M5x.8	0.8	D4	2 3/8	13/32	.1700	5/8	1/4	.194	.152	28.05
59228	M6x1	1	D5	2 1/2	17/32	.2030	25/32	5/16	.255	.191	29.20
59229	M7x1	1	D5	2 27/32	11/16	.2420	15/16	3/8	.318	.238	38.25
59230	M8x1.25	1.25	D5	2 27/32	11/16	.2735	15/16	3/8	.318	.238	38.25
59231	M10x1.5	1.5	D6	3 3/8	13/16	.3440	1 1/16	7/16	.381	.286	46.00
59232	M12x1.75	1.75	D6	4 1/16	1 1/8	.4140	1 3/8	7/16	.367	.275	63.10

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## STANDARD HAND TAPS HIGH SPEED STEEL



Ground Thread, List No. 3102

High speed ground thread taps are regularly supplied in taper plug and bottoming style with exceptions shown below.

Sizes and dimensions not listed are special.

Supplied in 4 flutes.

Catalog EDI - Number			Size	Overall Length	List Price
Taper	Plug	Bottoming			
32201	32202	32203	1/4-20	2 1/2	\$6.15
32204	32205	32206	1/4-28	2 1/2	6.15
32207	32208	32209	5/16-18	2 23/32	7.40
32210	32211	32212	5/16-24	2 23/32	7.40
32213	32214	32215	3/8-16	2 15/16	8.30
32216	32217	32218	3/8-24	2 15/16	8.30
32219	32220	32221	7/16-14	3 5/32	14.40
32222	32223	32224	7/16-20	3 5/32	14.40
32225	32226	32227	1/2-13	3 3/8	14.40
32228	32229	32230	1/2-20	3 3/8	17.40
32231	32232	32233	9/16-12	3 19/32	24.75
32234	32235	32236	9/16-18	3 19/32	24.75
32237	32238	32239	5/8-11	3 13/36	30.00
32240	32241	32242	5/8-18	3 13/36	30.00
32243	32244	32245	11/16-11	4 1/32	37.15
32246	32247	32248	11/16-16	4 1/32	37.15
32249	32250	32251	3/4-10	4 1/4	41.45
32252	32253	32254	3/4-16	4 1/4	41.45
32255	32256	32257	7/8-9	4 11/16	57.75
32258	32259	32260	7/8-14	4 11/16	57.75
32261	32262	32263	1-8	5 1/8	77.20
32264	32265	32266	1-12	5 1/8	77.20
32267	32268	32269	*1-14	5 1/8	77.20
32270	32271	32272	1 1/8-7	5 7/16	108.55
32273	32274	32275	1 1/8-12	5 7/16	114.90
32276	32277	32278	1 1/4-7	5 3/4	142.90
32279	32280	32281	1 1/4-12	5 3/4	145.05
32282	32283	32284	1 3/8-6	6 1/16	142.30
32285	32286	32287	1 3/8-12	6 1/16	181.70
32288	32289	32290	1 1/2-6	6 3/8	206.75
32291	32292	32293	1 1/2-12	6 3/8	207.60

## STANDARD MACHINE SCREW TAPS HIGH SPEED STEEL



Ground Thread, List No. 3117

These taps are standard in ground thread right hand American National form with standard number of flutes in taper, plug or bottoming style.

Catalog EDI - Number			Size	Overall Length	List Price
Taper	Plug	Bottoming			
32311	32312	32313	0-80	1 5/8	\$15.25
32314	32315	32316	1-64	1 11/16	14.00
32317	32318	32319	1-72	1 11/16	14.00
32320	32321	32322	2-56	1 3/4	12.15
32323	32324	32325	2-64	1 3/4	12.75
32326	32327	32327	3-48	1 13/16	9.40
32329	32330	32331	3-56	1 13/16	10.05
32332	32333	32334	4-40	1 7/8	8.40
32335	32336	32337	4-48	1 7/8	7.75
32338	32339	32340	*4-36	1 7/8	7.75
32341	32342	32343	5-40	1 15/16	7.75
32344	32345	32346	5-44	1 15/16	8.00
32347	32348	32349	6-32	2	7.50
32350	32351	32352	6-40	2	6.15
32353	32354	32355	8-32	2 1/8	6.15
32356	32357	32358	8-36	2 1/8	6.15
32359	32360	32361	10-24	2 3/8	6.15
32362	32363	32364	10-32	2 3/8	6.15
32365	32366	32367	12-24	2 3/8	6.50
32368	32369	32370	12-28	2 3/8	7.05

## SPIRAL POINTED HAND TAPS HIGH SPEED STEEL



Ground Thread, List No. 3114

These taps are standard in ground thread right hand American National form in plug style only.

Catalog EDI-#	Size	Pitch Dia. Limits	No. of Flutes	Length of Thread	Overall Length	List Price
32391	1/4-20	H3	2	1	2 1/2	\$7.25
32392	1/4-28	H3	2	1	2 1/2	7.25
32393	5/16-18	H3	2	1 1/8	2 23/32	7.95
32394	5/16-24	H3	2	1 1/8	2 23/32	7.95
32395	3/8-16	H3	3	1 1/4	2 15/16	9.40
32396	3/8-24	H3	3	1 1/4	2 15/16	9.80
32397	7/16-14	H3	3	1 7/16	3 5/32	15.75
32398	7/16-20	H3	3	1 7/16	3 5/32	15.75
32399	1/2-13	H3	3	1 21/32	3 3/8	15.95
32400	1/2-20	H3	3	1 21/32	3 3/8	17.50
32401	5/8-11	H3	3	1 13/16	3 13/36	35.45
32402	3/4-10	H3	3	2	4 1/4	50.15

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## SPIRAL POINTED MACHINE SCREW TAPS HIGH SPEED STEEL



### Ground Thread, List No. 3122

These taps are standard in ground thread right hand American National form. Ground thread taps are standard in plug style.

Catalog EDI-#	Size	Pitch Dia. Limits	No. of Flutes	Length of Thread	Overall Length	List Price
32421	0-80	H1	2	5/16	1 5/8	\$18.75
32422	1-64	H1	2	3/8	1 11/16	16.90
32423	1-72	H1	2	3/8	1 11/16	16.90
32424	2-56	H2	2	7/16	1 3/4	14.45
32425	2-64	H2	2	7/16	1 3/4	16.30
32426	3-48	H2	2	1/2	1 13/16	11.45
32427	3-56	H2	2	1/2	1 13/16	11.45
32428	4-40	H2	2	9/16	1 7/8	9.40
32429	4-48	H2	2	9/16	1 7/8	10.50
32430	*4-36	H2	2	9/16	1 7/8	10.50
32431	5-40	H2	2	5/8	1 15/16	9.40
32432	5-44	H2	2	5/8	1 15/16	10.65
32433	6-32	H3	2	11/16	2	7.55
32434	6-40	H3	2	11/16	2	8.95
32435	8-32	H3	2	3/4	2 1/8	7.55
32436	8-36	H3	2	3/4	2 1/8	8.95
32437	10-24	H3	2	7/8	2 3/8	7.55
32438	10-32	H3	2	7/8	2 3/8	7.55
32439	12-24	H3	2	15/16	2 3/8	8.95
32440	12-28	H3	2	15/16	2 3/8	8.95

## SPIRAL FLUTED MACHINE SCREW TAPS HIGH SPEED STEEL



### Ground Thread, List No. 3107

These taps are standard in ground right hand American National form in plug style only

These taps are furnished with a right hand spiral flute.

Catalog EDI-#	Size	Pitch Dia. Limits	No. of Flutes	Length of Thread	Overall Length	List Price
32461	4-40	H2	2	9/16	1 7/8	\$15.40
32462	5-40	H2	2	5/8	1 15/16	15.45
32463	6-32	H3	2	11/16	2	12.55
32464	8-32	H3	2	3/4	2 1/8	12.55
32465	10-24	H3	2	7/8	2 3/8	12.65
32466	10-32	H3	2	7/8	2 3/8	12.65

## NUT TAPS HIGH SPEED STEEL



### Ground Thread, List No. 3142

These taps are standard in high speed ground thread, right hand American National form.

Catalog EDI-#	Size	Pitch Dia. Limits	No. of Flutes	Length of Thread	Overall Length	List Price
32481	1/4-20	H3	4	1 5/8	5	\$63.20
32482	1/4-28	H3	4	1 5/8	5	63.20
32483	5/16-18	H3	4	1 13/16	5 1/2	71.45
32484	5/16-24	H3	4	1 13/16	5 1/2	71.45
32485	3/8-16	H3	4	2	6	84.30
32486	3/8-24	H3	4	2	6	84.30
32487	1/2-13	H3	4	2 1/2	7	109.00
32488	1/2-20	H3	4	2 1/2	7	109.00

## SPIRAL FLUTED HAND TAPS HIGH SPEED STEEL



### Ground Thread, List No. 3104

These taps are standard in ground thread right hand American National form in plug style only.

These taps are furnished with a right hand spiral flute.

Catalog EDI-#	Size	Pitch Dia. Limits	No. of Flutes	Length of Thread	Overall Length	List Price
32501	1/4-20	H3	2	1	2 1/2	\$13.45
32502	1/4-28	H3	3	1	2 1/2	13.45
32503	5/16-18	H3	2	1 1/8	2 23/32	16.90
32504	5/16-24	H3	3	1 1/8	2 23/32	16.90
32505	3/8-16	H3	3	1 1/4	2 15/16	19.55
32506	3/8-24	H3	3	1 1/4	2 15/16	19.55
32507	7/16-14	H3	3	1 7/16	3 5/16	29.00
32508	7/16-20	H3	3	1 7/16	3 5/32	29.00
32509	1/2-13	H3	3	1 21/32	3 3/8	34.95
32510	1/2-20	H3	3	1 21/32	3 3/8	34.95

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## PULLEY TAPS HIGH SPEED STEEL

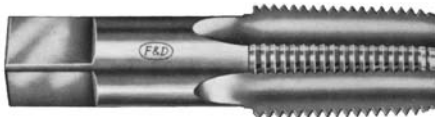


### Ground Thread, List No. 3152

These taps are standard in high speed thread right hand American National form in plug style only.

Size	Catalog EDI-#	List Price	Length	Pitch Dia. Limits	No. of Flutes	Length of Thread
1/4-20	32531	\$46.00	6	H3	4	1
5/16-18	32532	47.70	6	H3	4	1 1/8
3/8-16	32533	53.90	6	H3	4	1 1/4
7/16-14	32534	57.40	6	H3	4	1 7/16
1/2-13	32535	60.00	6	H3	4	1 21/32
5/8-11	32536	77.40	6	H3	4	1 13/16
1/4-20	32537	55.75	8	H3	4	1
5/16-18	32538	55.75	8	H3	4	1 1/8
3/8-16	32539	63.80	8	H3	4	1 1/4
7/16-14	32540	73.00	8	H3	4	1 7/16
1/2-13	32541	75.15	8	H3	4	1 21/32
5/8-11	32542	98.65	8	H3	4	1 13/16
3/8-16	32543	79.90	10	H3	4	1 1/4
1/2-13	32544	92.80	10	H3	4	1 21/32
5/8-11	32545	124.75	10	H3	4	1 13/16
3/4-10	32546	146.80	10	H3	4	2
1/2-13	32547	113.70	12	H3	4	1 21/32
5/8-11	32548	145.70	12	H3	4	1 13/16
3/4-10	32549	174.00	12	H3	4	2

## TAPER PIPE TAPS HIGH SPEED STEEL



### Ground Thread, List No. 3177

These taps are standard in American Standard Pipe form (NPTF), American Standard Dryseal Pipe form (NPTF)

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
34301	1/16-27	4	11/16	2 1/8	\$26.70
34302	1/8-27	4	3/4	2 1/8	26.70
34303	1/4-18	4	1 1/16	2 7/16	29.80
34304	3/8-18	4	1 1/16	2 9/16	38.75
34305	1/2-14	4	1 3/8	3 1/8	61.55
34306	3/4-14	5	1 3/8	3 1/4	86.60
34307	1-11 1/2	5	1 3/4	3 3/4	131.45
34308	1 1/4-11 1/2	5	1 3/4	4	187.00
34309	1 1/2-11 1/2	7	1 3/4	4 1/4	250.25
34310	2-11 1/2	7	1 3/4	4 1/2	341.55

## STRAIGHT PIPE TAPS HIGH SPEED STEEL



### Ground Thread, List No. 3178

These taps are standard in cut thread or ground thread right hand American Standard Pipe Thread form in plug style only.

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
34331	1/8-27	4	3/4	2 1/8	\$26.70
34332	1/4-18	4	1 1/16	2 7/16	29.80
34333	3/8-18	4	1 1/16	2 9/16	38.75
34334	1/2-14	4	1 3/8	3 1/8	61.55
34335	3/4-14	5	1 3/8	3 1/4	86.55
34336	1-11 1/2	5	1 3/4	3 3/4	131.45

## TAPER PIPE TAPS HIGH SPEED STEEL



### Ground Thread Interrupted, List No. 3179

These taps are standard in American Standard Pipe form (NPT), American Standard Dryseal form (NPTF) and Aeronautical (ANPT). The first few threads on an interrupted thread pipe tap are left full.

N.P.T.—N.P.T.F.

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
34361	1/8-27	5	3/4	2 1/8	\$33.50
34362	1/4-18	5	1 1/16	2 7/16	37.20
34363	3/8-18	5	1 1/16	2 9/16	46.70
34364	1/2-14	5	1 3/8	3 1/8	72.40
34365	3/4-14	5	1 3/8	3 1/4	106.00
34366	1-11 1/2	5	1 3/4	3 3/4	162.50
34367	1 1/4-11 1/2	5	1 3/4	4	227.50
34368	1 1/2-11 1/2	7	1 3/4	4 1/4	305.75
34369	2-11 1/2	7	1 3/4	4 1/2	414.55

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## TAPER PIPE TAPS HIGH SPEED STEEL



Cut Thread Regular, List No. 2177

These taps are standard in American Standard Pipe form of thread.

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
32671	1/8-27	4	3/4	2 1/8	\$19.80
32672	1/4-18	4	1 1/16	2 7/16	22.15
32673	3/8-18	4	1 1/16	2 9/16	28.30
32674	1/2-14	4	1 3/8	3 1/8	47.55
32675	3/4-15	5	1 3/8	3 1/4	66.15
32676	1-11 1/2	5	1 3/4	3 3/4	98.95
32677	1 1/4-11 1/2	5	1 3/4	4	140.75
32678	1 1/2-11 1/2	7	1 3/4	4 1/4	190.15
32679	2-11 1/2	7	1 3/4	4 1/2	257.25

## TAPER PIPE TAPS HIGH SPEED STEEL



Cut Thread Interrupted, List No. 2179

These taps are standard in American Standard Pipe form (NPT), American Standard Pipe form (NPTF) and Aeronautical (ANPT). The first few threads on an interrupted thread pipe tap are left full.

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
32721	1/8-27	5	3/4	2 1/8	\$25.95
32722	1/4-18	5	1 1/16	2 7/16	28.25
32723	3/8-18	5	1 1/16	2 9/16	38.00
32724	1/2-14	5	1 3/8	3 1/8	58.50
32725	3/4-14	5	1 3/8	3 1/4	81.65
32726	1-11 1/2	5	1 3/4	3 3/4	124.75
32727	1 1/4-11 1/2	5	1 3/4	4	142.55
32728	1 1/2-11 1/2	7	1 3/4	4 1/4	177.20
32729	2-11 1/2	7	1 3/4	4 1/2	191.00

\* Unless otherwise noted, orders for 1/8 inch taps will be filled with taps having the large shank.

## STRAIGHT PIPE TAPS HIGH SPEED STEEL



Cut Thread, List No. 2178

These taps are standard in cut thread right hand American Standard Thread form in plug style only.

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
32701	1/8-27	4	3/4	2 1/8	\$22.95
32702	1/4-18	4	1 1/16	2 7/16	25.95
32703	3/8-18	4	1 1/16	2 9/16	33.50
32704	1/2-14	4	1 3/8	3 1/8	54.50
32705	3/4-14	5	1 3/8	3 1/4	78.70
32706	1-11 1/2	5	1 3/4	3 3/4	119.45

## TAPER PIPE TAPS CARBON STEEL



List No. 177

These taps are standard in cut thread right hand American Standard Pipe form.

Catalog EDI-#	Size	No. of Flutes	Length of Thread	Overall Length	List Price
32761	1/8-27	4	3/4	2 1/8	\$10.20
32762	1/4-18	4	1 1/16	2 7/16	11.50
32763	3/8-18	4	1 1/16	2 9/16	15.45
32764	1/2-14	4	1 3/8	3 1/8	20.50
32765	3/4-14	5	1 3/8	3 1/4	32.50
32766	1-11 1/2	5	1 3/4	3 3/4	48.50
32767	1 1/4-11 1/2	5	1 3/4	4	63.00
32768	1 1/2-11 1/2	7	1 3/4	4 1/4	80.40
32769	2-11 1/2	7	1 3/4	4 1/2	122.90
32770	2 1/2-8	8	2 9/16	5 1/2	288.20
32771	3-8	8	2 5/8	6	429.70

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## STANDARD HAND TAPS HIGH SPEED STEEL



Cut Thread, List No. 2102

These taps are standard in ground thread right hand American National form in taper, plug or bottoming style. High speed cut thread taps are regularly supplied in sizes 1/4" to 1" inclusive only. Plug taps will be supplied unless otherwise specified.

Catalog EDI-Number				Overall Length	List Price
Taper	Plug	Bottoming	Size		
34391	34392	34393	1/4-20	2 1/2	\$6.45
34394	34395	33396	1/4-28	2 1/2	6.45
34397	34398	34399	5/16-18	2 23/32	7.25
34400	34401	34402	5/16-24	2 23/32	7.25
34403	34404	34405	3/8-16	2 15/16	8.55
34406	34407	34408	3/8-24	2 15/16	8.55
34409	34410	34411	7/16-24	3 5/32	13.45
34412	34413	34414	7/16-20	3 5/32	13.45
34415	34416	34417	1/2-13	3 3/8	15.20
34418	34419	34420	1/2-20	3 3/8	15.20
34421	34422	34423	9/16-12	3 19/32	25.05
34424	34425	34426	9/16-18	3 19/32	25.05
34427	34428	34429	5/8-11	3 13/16	33.50
34430	34431	34432	5/8-18	3 13/16	33.50
34433	34434	34435	11/16-11	4 1/32	40.90
34436	34437	34438	11/16-16	4 1/32	40.90
34439	34440	34441	3/4-10	4 1/4	45.20
34442	34443	34444	3/4-16	4 1/4	45.20
34445	34446	34447	7/8-9	4 11/16	59.50
34448	34449	34450	7/8-14	4 11/16	59.50
34451	34452	34453	1-8	5 1/8	82.75
34454	34455	34456	1-12	5 1/8	82.75
34457	34458	34459	1-14	5 1/8	82.75

## SPIRAL POINT HAND TAPS HIGH SPEED STEEL



Cut Thread, List No. 2114

These taps are standard in cut thread right hand American National form in plug style only.

Catalog EDI-#	No. of Flutes	Length of Thread		Overall Length	List Price
		Size	Size		
32561	2	1	1/4-20	2 1/2	\$7.25
32562	2	1	1/4-28	2 1/2	7.25
32563	2	1 1/8	5/16-18	2 23/32	8.55
32564	2	1 1/8	5/16-24	2 23/32	8.55
32565	3	1 1/4	3/8-16	2 15/16	10.30
32566	3	1 1/4	3/8-24	2 15/16	10.30
32567	3	1 7/16	7/16-14	3 5/32	16.50
32568	3	1 7/16	7/16-20	3 5/32	16.50
32569	3	1 21/32	1/2-13	3 3/8	17.45
32570	3	1 21/32	1/2-20	3 3/8	17.45

## MACHINE SCREW TAPS HIGH SPEED STEEL



Cut Thread, List No. 2117

These taps are standard in cut thread right hand American National form with standard number of flutes in taper, plug or bottoming style.

Catalog EDI-Number			Size	Overall Length	List Price
Taper	Plug	Bottoming			
32591	32592	32593	3-48	1 13/16	\$7.55
32594	32595	32596	3-56	1 13/16	7.55
32597	32598	32599	4-40	1 7/8	7.40
32600	32601	32602	4-48	1 7/8	7.40
32603	32604	32605	4-36	1 7/8	7.40
32606	32607	32608	5-40	1 15/16	7.40
32609	32610	32611	6-32	2	6.00
32612	32613	32613	6-40	2	3.90
32614	32615	32616	8-32	2 1/8	3.90
32617	32618	32619	8-36	2 1/8	5.85
32620	32621	32623	10-24	2 3/8	6.45
32624	32625	32626	10-32	2 3/8	6.45
32627	32628	32629	12-24	2 3/8	7.00
32630	32631	32632	12-28	2 3/8	7.00

## SPIRAL POINTED MACHINE SCREW TAPS HIGH SPEED STEEL



Cut Thread, List No. 2122

These taps are standard in cut thread right hand American National form. Cut thread taps are standard in plug style only.

Catalog EDI-#	No. of Flutes	Length of Thread		Overall Length	List Price
		Size	Size		
32651	2	1/2	3-48	1 13/16	\$7.05
32652	2	9/16	4-40	1 7/8	8.55
32653	2	5/8	5-40	1 15/16	8.55
32654	2	11/16	6-32	2	6.95
32655	2	3/4	8-32	2 1/8	6.95
32656	2	7/8	10-24	2 3/8	7.25
32657	2	7/8	10-32	2 3/8	7.25
32658	2	15/16	12-24	2 3/8	8.55

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details



## STANDARD HAND TAPS CARBON STEEL



List No. 102

These taps are standard in cut thread right hand American National form in taper, plug or bottoming style.

Catalog EDI-Number			Size	Overall Length	List Price
Taper	Plug	Bottoming			
32791	32792	32793	1/16-63	1 5/8	\$8.55
32794	32795	32796	3/32-48	1 13/16	5.65
32797	32798	32799	1/8-40	1 15/16	4.70
32800	32801	32802	5/32-32	2 1/8	4.70
32803	32804	32805	5/32-36	2 1/8	4.70
32806	32807	32808	3/16-24	2 3/8	5.30
32809	32810	32811	3/16-32	2 3/8	5.30
32812	32813	32814	7/32-24	2 3/8	5.80
32815	32816	32817	7/32-32	2 3/8	5.80
32818	32819	32820	1/4-20	2 1/2	6.40
32821	32822	32823	1/4-28	2 1/2	6.40
32824	32825	32826	1/4-24	2 1/2	6.40
32827	32828	32829	1/4-32	2 1/2	6.40
32830	32831	32832	5/16-18	2 23/32	7.75
32833	32834	32835	5/16-24	2 23/32	7.75
32836	32837	32838	5/16-32	2 23/32	7.75
32839	32840	32841	3/8-16	2 15/16	8.25
32842	32843	32844	3/8-24	2 15/16	8.25
32845	32846	32847	7/16-14	3 5/32	11.25
32848	32849	32850	7/16-20	3 5/32	11.25
32851	32852	32853	1/2-13	3 3/8	12.50
32854	32855	32856	1/2-20	3 3/8	12.50
32857	32858	32859	9/16-12	3 19/32	17.25
32860	32861	32862	9/16-18	3 19/32	17.25
32863	32864	32865	5/8-11	3 13/16	19.05
32866	32867	32868	5/8-18	3 13/16	19.05
32869	32870	32871	11/16-11	4 1/32	23.30
32872	32873	32874	11/16-16	4 1/32	23.30
32875	32876	32877	3/4-10	4 1/4	27.40
32878	32879	32880	3/4-16	4 1/4	27.40
32881	32882	32883	7/8-9	4 11/16	40.45
32884	32885	32886	7/8-14	4 11/16	40.45
32887	32888	32889	1-8	5 1/8	47.30
32890	32891	32892	1-12	5 1/8	47.30
32893	32894	32895	1-14	5 1/8	47.30
32896	32897	32898	1 1/8-7	5 7/16	94.30
32899	32900	32901	1 1/8-12	5 7/16	94.30
32902	32903	32904	1 1/4-7	5 3/4	107.30
32905	32906	32907	1 1/4-12	5 3/4	107.30
32908	32909	32910	1 3/8-6	6 1/16	125.40
32911	32912	32913	1 3/8-12	6 1/16	125.40
32914	32915	32916	1 1/2-6	6 3/8	147.35
32917	32918	32919	1 1/2-12	6 3/8	147.35
32920	32921	32922	1 3/4-5	7	209.65
32923	32924	32925	2-4 1/2	7 5/8	293.40

## MACHINE SCREW TAPS CARBON STEEL



List No. 117

These taps are standard in cut thread or ground thread right hand American National form with standard number of flutes in taper, plug or bottoming style.

Catalog EDI-Number				Overall Length	List Price
Taper	Plug	Bottoming	Size		
32941	32942	32943	0-80	1 5/8	\$8.80
32944	32945	32946	1-64	1 11/16	8.25
32947	32948	32949	1-72	1 11/16	8.25
32950	32951	32952	2-56	1 3/4	7.80
32953	32954	32955	2-64	1 3/4	7.80
32956	32957	32958	3-48	1 13/16	5.80
32959	32960	32961	3-56	1 13/16	5.80
32962	32963	32964	4-40	1 7/8	5.80
32965	32966	32967	4-48	1 7/8	5.80
32968	32969	32970	4-36	1 7/8	5.80
32971	32972	32973	4-32	1 7/8	5.80
32974	32975	32976	5-40	1 15/16	4.70
32977	32978	32979	5-44	1 15/16	4.70
32980	32981	32982	6-32	2	4.70
32983	32984	32985	6-40	2	4.70
32986	32987	32988	6-36	2	4.70
32989	32990	32991	8-32	2 1/8	4.70
32992	32993	32994	8-36	2 1/8	4.70
32995	32996	32997	8-40	2 1/8	4.70
32998	32999	33000	10-24	2 3/8	5.30
33001	33002	33003	10-32	2 3/8	5.30
33004	33005	33006	10-30	2 3/8	5.30
33007	33008	33009	12-24	2 3/8	5.90
33010	33011	33012	12-28	2 3/8	5.90
33013	33014	33015	12-32	2 3/8	5.90
33016	33017	33018	14-20	2 1/2	7.80
33019	33020	33021	14-24	2 1/2	7.80

## SPIRAL POINTED HAND TAPS CARBON STEEL



List No. 114

These taps are standard in cut thread, or ground thread right hand American National form in plug style only.

Catalog EDI-#	No. of Flutes	Length of Thread	Size	Overall Length	List Price
33041	2	1	1/4-20	2 1/2	\$7.20
33042	2	1 1/8	5/16-18	2 23/32	8.25
33043	3	1 1/4	3/8-16	2 15/16	9.95
33044	3	1 7/16	7/16-14	3 5/32	12.90
33045	3	1 21/32	1/2-13	3 3/8	13.75

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## SPIRAL POINTED MACHINE SCREW TAPS CARBON STEEL



List No. 122

These taps are standard in cut thread or ground thread right hand American National form. Cut thread taps are standard in plug style only.

Catalog EDI-#	Size	No. of Flutes	Length		List Price
			of Thread	Overall Length	
33061	6-32	2	11/16	2	\$6.65
33062	8-32	2	3/4	2 1/8	7.20
33063	10-24	2	7/8	2 3/8	7.20
33064	10-32	2	7/8	2 3/8	7.20
33065	12-24	2	15/16	2 3/8	6.30
33066	12-28	2	15/16	2 3/8	6.30

## HEXAGON RETHREADING DIES CARBON STEEL

List No. 276

Hexagon rethreading dies are standard with right hand American National form of thread.



Catalog EDI-#	Size	Dimensions Inches		List Price
		Across Flats	Thickness	
33091	1/4-20	19/32	1/4	\$20.05
33092	1/4-28	19/32	1/4	20.05
33093	5/16-18	11/16	5/16	22.25
33094	5/16-24	11/16	5/16	22.25
33095	3/8-16	25/32	3/8	23.50
33096	3/8-24	25/32	3/8	23.50
33097	7/16-14	7/8	7/16	26.45
33098	7/16-20	7/8	7/16	26.45
33099	1/2-13	1 1/16	1/2	28.55
33100	1/2-20	1 1/16	1/2	28.55
33101	9/16-12	1 1/16	1/2	30.40
33102	9/16-18	1 1/16	1/2	30.40
33103	5/8-11	1 1/4	5/8	34.75
33104	5/8-18	1 1/4	5/8	34.75
33105	11/16-11	1 7/16	3/4	38.75
33106	11/16-16	1 7/16	3/4	38.75
33107	3/4-10	1 7/16	3/4	44.55
33108	3/4-16	1 7/16	3/4	44.55
33109	7/8-9	1 5/8	7/8	51.95
33110	7/8-14	1 5/8	7/8	51.95
33111	1-8	1 13/16	1	59.40
33112	1-12	1 13/16	1	59.40
33113	1-14	1 13/16	1	59.40
33114	1 1/8-7	2	1	72.25
33115	1 1/8-12	2	1	72.25
33116	1 1/4-7	2 3/16	1	80.55
33117	1 1/4-12	2 3/16	1	80.55
33118	1 3/8-6	2 3/8	1	91.75
33119	1 3/8-12	2 3/8	1	91.75
33120	1 1/2-6	2 9/16	1	103.65
33121	1 1/2-12	2 9/16	1	103.65

## SOLID SQUARE BOLT DIES CARBON STEEL



These dies are furnished with American National form of thread. Sizes and dimensions not listed are special. Left hand dies are special.

Catalog EDI-#	Size	Size		List Price
		Square Inches	Inches Thickness	
33141	1/4-20	2 1/2	1/2	\$54.90
33142	5/16-18	2 1/2	1/2	59.40
33143	3/8-16	2 1/2	1/2	61.70
33144	7/16-14	2 1/2	1/2	66.25
33145	1/2-13	2 1/2	3/4	75.65
33146	5/8-11	2 1/2	3/4	83.85
33147	3/4-10	2 1/2	3/4	85.50
33148	7/8-9	2 1/2	3/4	92.65
33149	1-8	2 1/2	1	103.65
33150	1 1/8-7	2 1/2	1	115.55
33151	1 1/4-7	2 1/2	1	127.20
33152	1 3/8-6	2 1/2	1	142.15
33153	1 1/2-6	3	1	150.75
33154	1 3/4-5	3	1 1/4	236.10
33155	2-4 1/2	3 3/4	2	471.95

## SOLID SQUARE PIPE DIES CARBON STEEL



List No. 292

These dies are furnished with American Standard pipe form of thread.

Catalog EDI-#	Size	Number	Dimensions	List Price
33182	1/8-27-1	1	2 1/2 x 3/4	47.05
33183	1/4-18-0	0	2 x 1/2	38.75
33184	1/4-18-1	1	2 1/2 x 3/4	47.05
33185	3/8-18-0	0	2 x 1/2	38.75
33186	3/8-18-1	1	2 1/2 x 3/4	47.05
33187	1/2-14-0	0	2 x 1/2	38.75
33188	1/2-14-1	1	2 1/2 x 3/4	47.05
33189	1/2-14-1 1/2	1 1/2	3 x 3/4	45.75
33190	3/4-14-1	1	2 1/2 x 3/4	47.05
33191	3/4-14-1 1/2	1 1/2	3 x 3/4	45.75
33192	1-11 1/2-1	1	2 1/2 x 3/4	47.05
33193	1-11 1/2-1 1/2	1 1/2	3 x 3/4	45.75
33194	1-11 1/2-2	2	4 x 1	67.95
33195	1 1/4-11 1/2-1 1/2	1 1/2	3 x 3/4	45.75
33196	1 1/4-11 1/2-2	2	4 x 1	87.75
33197	1 1/2-11 1/2-2	2	4 x 1	102.30
33198	2-11 1/2-2	2	4 x 1	114.40

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## T-HANDLE TAP WRENCHES



These tap wrenches are made from steel carefully selected for its toughness. The chuck jaws are hardened and tempered, which greatly lengthens the life of the tool. The design is simple throughout, and with proper care these wrenches will last a lifetime.

Wrenches Nos. 328 and 332 are furnished with sliding handles, Nos. 329 and 333 with stationary handles; Wrenches Nos. 338 and 339 with a Ratchet type T-Handle. The sliding handle and Ratchet T-Handle enable the user to work in close quarters where a rigid handle would not have room enough to turn. Can be used with other tools to be turned by hand.

Capacity (Top Sizes)					
No.	Catalog EDI-#	Hand Inches	Machine Screw	Length Inches	List Price
328	33221	1/16-1/4	0-14	2 3/4	\$21.05
329	33222	1/16-1/4	0-14	2 3/4	16.30
332	33223	7/32-1/2	12-14	3 5/8	30.80
333	33224	7/32-1/2	12-14	3 5/8	26.55
336	33225	1/16-1/4	0-14	8 3/4	37.30
337	33226	7/32-1/2	12-14	10 5/8	51.95
338	33227	1/16-1/4	0-14	3 3/4	51.05
339	33228	7/32-1/2	12-14	5	54.90

## ADJUSTABLE TAP AND REAMER WRENCHES



### List No. 1825

The jaws are made of tool steel, carefully hardened and tempered. They will not break or get out of line.

The larger sizes, Nos. 7 1/2 and 8, have malleable iron bodies and steel tubing handles.

No.	Catalog EDI-#	Hand Inches	Mach. Screw	Pipe	Hand Reamer Inches	Length Inches	Weight	List Price
00	33251	1/16-1/4	0-14	-	1/8-17/64	5	2 oz.	\$37.70
0	33252	1/16-1/4	0-14	-	1/8-21/64	7	4 oz.	42.50
4	33253	1/16-3/8	0-14	-	1/8-25/64	9	7 oz.	59.40
5	33254	5/32-1/2	7-14	1/8	11/64-7 1/16	11	11 oz.	72.20
6	33255	5/32-3/4	7-14	1/8-1/4	11/64-4 1/64	15	1 lb. 10 oz.	72.20
7	33256	1/4-1 1/8		1/8-3/4	9/32-29/32	19	2 lb. 14 oz.	101.00
7 1/2	33257	1/2-1 3/8		1/8-1	3/8-1 5/32	31	4 lb. 8 oz.	170.20
8	33258	3/4-1 5/8		3/8-1 1/4	37/64-1 11/32	40	8 lbs.	206.50

## STOCKS FOR ADJUSTABLE ROUND SPLIT DIES



These die stocks are designed to accommodate the round screw adjustable dies listed on the following pages.

Single Screw Type	Takes Dies Outside				
	Catalog EDI-#	Diameter Inches	Length Inches	Weight Pounds	List Price
1850*	33281	5/8	5	1/16	\$24.90
1851	33282	13/16	6 1/4	1/8	24.90
1852	33283	1	9	5/16	28.30
1853	33285	1 1/2	14	1 1/4	44.05
1857	33286	2	23	1 7/8	57.40
1858	33287	2 1/2	29	2 1/2	79.40
1859	33288	3	40	2 7/8	136.70

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## ADJUSTABLE ROUND SPLIT DIES



### MACHINE SCREW SIZES CARBON STEEL

List No. 282

Carbon steel dies are standard with right hand American National form of thread.

#### 5/8" O.D. 1/4" Thickness

Catalog EDI-#	Size	List Price
33381	0-80	\$21.45
33382	1-72	21.45
33383	2-56	19.20
33384	2-64	19.20
33385	3-48	16.30
33386	3-56	16.30
33387	4-40	14.45
33388	4-48	14.45
33389	5-40	14.45
33390	6-32	14.45
33391	6-40	14.45
33392	8-32	14.45
33393	10-24	14.45
33394	10-32	14.45
33395	12-24	14.45

#### 13/16" O.D. 1/4" Thickness

33396	0-80	\$23.95
33397	1-64	23.95
33398	1-72	23.95
33399	2-56	20.90
33400	2-64	20.90
33401	3-48	18.95
33402	3-56	18.95
33403	4-40	18.95
33404	4-48	18.95
33405	4-36	18.95
33406	5-40	18.95
33407	5-44	18.95
33408	6-32	18.95
33409	6-40	18.95
33410	8-32	18.95
33411	8-36	18.95
33412	10-24	18.95
33413	10-32	18.95
33414	12-24	18.95
33415	12-28	18.95

#### 1" O.D. 3/8" Thickness

33416	6-32	\$20.30
33417	8-32	20.30
33418	10-24	20.30
33419	10-32	20.30
33420	12-24	20.30



### FRACTIONAL SIZES HIGH SPEED STEEL

List No. 2277

High speed steel dies are standard with right hand American National form of thread.

#### 13/16" O.D.

Catalog EDI-#	Size	List Price
33441	1/4-20	\$25.65
33442	1/4-28	25.65
33443	5/16-18	25.65
33444	5/16-24	25.65

#### 1" O.D.

33445	1/4-20	\$39.95
33446	1/4-28	39.95
33447	5/16-18	39.95
33448	5/16-24	39.95
33449	3/8-16	39.95
33450	3/8-24	39.95
33451	7/16-14	39.95
33452	7/16-20	39.95

#### 1 1/2" O.D.

33453	1/4-20	\$63.80
33454	1/4-28	63.80
33455	5/16-18	63.80
33456	5/16-24	63.80
33457	3/8-16	63.80
33458	3/8-24	63.80
33459	7/16-14	63.80
33460	7/16-20	63.80
33461	1/2-13	63.80
33462	1/2-20	63.80
33463	9/16-12	63.80
33464	9/16-18	63.80
33465	5/8-11	63.80
33466	5/8-18	63.80

#### 2" O.D.

33467	5/8-11	\$111.20
33468	5/8-18	111.20
33469	3/4-10	111.20
33470	3/4-16	111.20
33471	7/8-9	111.20
33472	7/8-14	111.20



### MACHINE SCREW SIZES HIGH SPEED STEEL

List No. 2282

High speed steel dies are standard with right hand American National form of thread.

#### 13/16" O.D. 1/4" Thickness

Catalog EDI-#	Size	List Price
33311	5-40	\$32.05
33312	5-44	32.05
33313	6-32	32.05
33314	6-40	32.05
33315	8-32	32.05
33316	8-36	32.05
33317	10-24	32.05
33318	10-32	32.05
33319	12-24	32.05
33320	12-28	32.05

#### 1" O.D. 3/8" Thickness

33351	6-32	\$39.95
33352	6-40	39.95
33353	8-32	39.95
33354	8-36	39.95
33355	10-24	39.95
33356	10-32	39.95
33357	12-24	39.95
33358	12-28	39.95

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## ADJUSTABLE ROUND SPLIT DIES

Fractional Sizes, List No. 277  
Pipe Sizes List No. 278

Carbon steel dies are standard with right hand American National form of thread.

### 13/16" O.D. - 1/4" Thickness Fractional Sizes List No. 277

Catalog EDI-#	Size	List Price
33491	1/16-64	\$23.25
33492	3/32-48	18.95
33493	1/8-40	16.30
33494	5/32-32	16.30
33495	5/32-36	16.30
33496	3/16-24	16.30
33497	3/16-32	16.30
33498	7/32-24	16.30
33499	7/32-32	16.30
33500	1/4-20	16.30
33501	1/4-28	16.30
33502	1/4-24	16.30
33503	1/4-32	16.30
33504	5/16-18	16.30
33505	5/16-24	16.30
33506	5/16-32	16.30

### 1" O.D. - 3/8" Thickness Fractional Sizes

33507	1/8-40	\$20.35
33508	3/16-24	20.35
33509	3/16-32	20.35
33510	1/4-20	20.35
33511	1/4-28	20.35
33512	1/4-24	20.35
33513	1/4-32	20.35
33514	5/16-18	20.35
33515	5/16-24	20.35
33516	5/16-32	20.35
33517	3/8-16	20.35
33518	3/8-24	20.35
33519	7/16-14	20.35
33520	7/16-20	20.35

### 1 5/16" O.D. - 7/16" Thickness Fractional Sizes

33521	1/4-20	\$31.80
33522	1/4-28	31.80
33523	5/16-18	31.80
33524	5/16-24	31.80
33525	3/8-16	31.80
33526	3/8-24	31.80
33527	7/16-14	31.80
33528	7/16-20	31.80
33529	1/2-13	31.80
33530	1/2-20	31.80

### 1 1/2" O.D. - 1/2" Thickness Fractional Sizes List No. 277

Catalog EDI-#	Size	List Price
33531	1/4-20	\$31.80
33532	1/4-28	31.80
33533	5/16-18	31.80
33534	5/16-24	31.80
33535	3/8-16	31.80
33536	3/8-24	31.80
33537	7/16-14	31.80
33538	7/16-20	31.80
33539	1/2-13	31.80
33540	1/2-20	31.80
33541	9/16-12	31.80
33542	9/16-18	31.80
33543	5/8-11	31.80
33544	5/8-18	31.80

### 2" O.D. - 5/8" Thickness Fractional Sizes

33545	1/4-20	\$57.45
33546	1/4-28	57.45
33547	5/16-18	57.45
33548	5/16-24	57.45
33549	3/8-16	57.45
33550	3/8-24	57.45
33551	7/16-14	57.45
33552	7/16-20	57.45
33553	1/2-13	57.45
33554	1/2-2	57.45
33555	9/16-12	57.45
33556	9/16-18	57.45
33557	5/8-11	57.45
33558	5/8-18	57.45
33559	11/16-11	57.45
33560	11/16-16	57.45
33561	3/4-10	57.45
33562	3/4-16	57.45
33563	7/8-9	57.45
33564	7/8-14	57.45

### 2 1/2" O.D. - 3/4" Thickness Fractional Sizes

33565	5/8-11	\$79.20
33566	3/4-10	79.20
33567	3/4-16	79.20
33568	7/8-9	79.20
33569	7/8-14	79.20
33570	1-8	79.20
33571	1-12	79.20
33572	1-14	79.20



### 3" O.D. - 1" Thickness Fractional Sizes List No. 277

Catalog EDI-#	Size	List Price
33573	1-8	\$156.75
33574	1-12	156.75
33575	1-14	156.75
33576	1 1/8-7	156.75
33577	1 1/8-12	156.75
33578	1 1/4-7	156.75
33579	1 1/4-12	156.75
33580	1 3/8-6	156.75
33581	1 3/8-12	156.75
33582	1 1/2-6	156.75
33583	1 1/2-12	156.75

### 1" O.D. - 3/8" Thickness Pipe Sizes List No. 278

33601	1/8-27	\$23.95
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### 1 1/2" O.D. - 1/2" Thickness Pipe Sizes List No. 278

33602	1/8-27	\$31.80
33603	1/4-18	31.80
33604	3/8-18	31.80

### 2" O.D. - 5/8" Thickness Pipe Sizes

33605	1/4-18	\$57.45
33606	3/8-18	57.45
33607	1/2-14	57.45

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details

## ADJUSTABLE TWO PIECE DIES

National Coarse Thread furnished unless otherwise specified. In ordering Adjustable Two Piece Dies, specify cutting size, number of threads per inch and outside diameter of collar in which they are to be used.

List No. 215  
FRACTIONAL SIZES  
CARBON STEEL



Catalog EDI-#	Size	List Price
33631	1/16-64	\$85.05
33632	3/32-48	85.05
33633	1/8-40	85.05
33634	5/32-32	85.05
33635	5/32-36	85.05
33636	3/16-24	85.05
33637	3/16-32	85.05
33638	7/32-24	85.05
33639	7/32-32	85.05
33640	1/4-20	85.05
33641	*1/4-20	85.05
33642	1/4-28	85.05
33643	*1/4-28	85.05
33644	1/4-24	85.05
33645	*1/4-24	85.05
33646	1/4-32	85.05
33647	*1/4-32	85.05
33648	5/16-18	85.05
33649	*5/16-18	85.05
33650	5/16-24	85.05
33651	*5/16-24	85.05
33652	5/16-32	85.05
33653	*5/16-32	85.05
33654	3/8-16	101.70
33655	*3/8-16	101.70
33656	3/8-24	101.70
33657	*3/8-24	101.70
33658	7/16-14	101.70
33659	*7/16-14	101.70
33660	7/16-20	101.70
33661	*7/16-20	101.70
33662	1/2-13	121.65
33663	*1/2-13	121.65
33664	1/2-20	121.65
33665	*1/2-20	121.65
33666	9/16-12	121.65
33667	*9/16-12	121.65
33668	9/16-18	121.65
33669	*9/16-18	121.65
33670	5/8-11	141.20

Catalog EDI-#	Size	List Price
33671	*5/8-11	\$141.20
33672	5/8-11	141.20
33673	*5/8-18	141.20
33674	11/16-11	141.20
33675	*11/16-11	141.20
33676	11/16-16	141.20
33677	*11/16-16	141.20
33678	3/4-10	157.50
33679	*3/4-10	157.50
33680	3/4-16	157.50
33681	*3/4-16	157.50
33682	7/8-9	224.00
33683	*7/8-9	224.00
33684	7/8-14	224.00
33685	*7/8-14	224.00
33686	1-8	224.00
33687	*1-8	224.00
33688	1-12	224.00
33689	*1-12	224.00
33690	1-14	224.00
33691	*1-14	224.00
33692	1 1/8-7	318.75
33693	*1 1/8-7	318.75
33694	1 1/8-12	318.75
33695	*1 1/8-12	318.75
33696	1 1/4-7	318.75
33697	*1 1/4-7	318.75
33698	1 1/4-12	318.75
33699	*1 1/4-12	318.75
33700	1 3/8-6	409.30
33701	*1 3/8-6	409.30
33702	1 3/8-12	409.30
33703	*1 3/8-12	409.30
33704	1 1/2-6	409.30
33705	*1 1/2-6	409.30
33706	1 1/2-12	409.30
33707	*1 1/2-12	409.30

## DIE STOCKS FOR TWO PIECE DIE SCREW PLATES



### List No. DS1860

The body of each stock has a mottled and polished finish; the handles are polished with a knurling on the end so that greasy or oily hands will be able to take a sure grip.

Catalog EDI-#	Takes Collet Number	Overall Length Inches	List Price
33901-W1	W1	7 1/2	\$75.65
33902-1	1	14 1/2	126.65
33903-5	5	23	178.00
33904-7	5	26	196.80
33905-9	5	29	211.75
33906-20	20	41	360.00
33907-25	25	52	446.00

## TWO PIECE DIE COLLETS



GUIDE



COLLET, COMPLETE

### List No. 217

In ordering extra collets or guides, it is only necessary to give the outside diameter of the collet and the cutting size of the die for which it is required.

Collet Number	Catalog EDI-#	Cap Only	Catalog EDI-#	Guide Only
W1	33791	\$7.05	33792	\$7.05
1	33793	22.80	33794	10.55
5	33795	39.60	33796	17.90
20	33797	93.75	33798	24.80
25	33799	113.45	33800	34.50

### List No. 216 – MACHINE SCREW SIZES – CARBON STEEL

33741	2-56	\$86.05
33742	2-64	86.05
33743	3-48	86.05
33744	3-56	86.05
33745	4-40	86.05
33746	4-48	86.05
33747	4-32	86.05
33748	4-36	86.05
33749	5-40	83.45
33750	5-44	83.45
33751	6-32	83.45
33752	6-40	83.45

33753	6-36	\$83.45
33754	8-32	83.45
33755	8-36	83.45
33756	8-40	83.45
33757	10-24	83.45
33758	10-32	83.45
33759	10-30	83.45
33760	12-24	83.45
33761	12-28	83.45
33762	12-32	83.45
33763	14-20	83.45
33764	14-24	83.45

COATINGS AVAILABLE ON EVERY TOOL \*\* See Page 161 for details