

# SCREW MACHINE (STUB) LENGTH DRILLS

SERIES 39: HIGH SPEED STEEL - RIGHT HAND MEDA - SUPERIOR IMPORT

SERIES 850: HIGH SPEED STEEL - LEFT HAND STAR USA

SERIES 540: COBALT (M42) STEEL - RIGHT HAND / 135° Split Point MEDA - SUPERIOR IMPORT



CUTTING TOOLS - DRILLS

Size	Flute Lgth	OAL	H.S.S. / R.H.		H.S.S. / L.H.		Cobalt (M42)	
			Order No.	Price	Order No.	Price	Order No.	Price
3/64	1/2	1-3/8	1085003		8500003		5400003	
1/16	5/8	1-5/8	1085004		8500004		5400004	
5/64	11/16	1-11/16	1085005		8500005		5400005	
3/32	3/4	1-3/4	1085006		8500006		5400006	
7/64	13/16	1-13/16	1085007		8500007		5400007	
1/8	7/8	1-7/8	1085008		8500008		5400008	
9/64	15/16	1-15/16	1085009		8500009		5400009	
5/32	1	2-1/16	1085010		8500010		5400010	
11/64	1-1/16	2-1/8	1085011		8500011		5400011	
3/16	1-1/8	2-3/16	1085012		8500012		5400012	
13/64	1-3/16	2-1/4	1085013		8500013		5400013	
7/32	1-1/4	2-3/8	1085014		8500014		5400014	
15/64	1-5/16	2-7/16	1085015		8500015		5400015	
1/4	1-3/8	2-1/2	1085016		8500016		5400016	
17/64	1-7/16	2-5/8	1085017		8500017		5400017	
9/32	1-1/2	2-11/16	1085018		8500018		5400018	
19/64	1-9/16	2-3/4	1085019		8500019		5400019	
5/16	1-5/8	2-13/16	1085020		8500020		5400020	
21/64	1-11/16	2-15/16	1085021		8500021		5400021	
11/32	1-11/16	3	1085022		8500022		5400022	
23/64	1-3/4	3-1/16	1085023		8500023		5400023	
3/8	1-13/16	3-1/8	1085024		8500024		5400024	
25/64	1-7/8	3-1/4	1085025		8500025		5400025	
13/32	1-15/16	3-5/16	1085026		8500026		5400026	
27/64	2	3-3/8	1085027		8500027		5400027	
7/16	2-1/16	3-7/16	1085028		8500028		5400028	
29/64	2-1/8	3-9/16	1085029		8500029		5400029	
15/32	2-1/8	3-5/8	1085030		8500030		5400030	
31/64	2-3/16	3-11/16	1085031		8500031		5400031	
1/2	2-1/4	3-3/4	1085032		8500032		5400032	
33/64	2-3/8	3-7/8	1085033		8500033		5400033	
17/32	2-3/8	3-7/8	1085034		8500034		5400034	
35/64	2-1/2	4	1085035		8500035		5400035	
9/16	2-1/2	4	1085036		8500036		5400036	
37/64	2-5/8	4-1/8	1085037		8500037		5400037	
19/32	2-5/8	4-1/8	1085038		8500038		5400038	
39/64	2-3/4	4-1/4	1085039		8500039		5400039	
5/8	2-3/4	4-1/4	1085040		8500040		5400040	
41/64	2-7/8	4-1/2	1085041		8500041		9400041	
21/32	2-7/8	4-1/2	1085042		8500042		9400042	
43/64	2-7/8	4-5/8	1085043		8500043		9400043	
11/16	2-7/8	4-5/8	1085044		8500044		5400044	
45/64	3	4-3/4	1085045		8500045		5400045	
23/32	3	4-3/4	1085046		8500046		5400046	
47/64	3-1/8	5	1085047		8500047		5400047	
3/4	3-1/8	5	1085048		8500048		5400048	
49/64	3-1/4	5-1/8	1085049		8500049		5400049	
25/32	3-1/4	5-1/8	1085050		8500050		5400050	
51/64	3-3/8	5-1/4	1085051		8500051		5400051	
13/16	3-3/8	5-1/4	1085052		8500052		5400052	
53/64	3-1/2	5-3/8	1085053		8500053		5400053	
27/32	3-1/2	5-3/8	1085054		8500054		5400054	
55/64	3-1/2	5-1/2	1085055		8500055		5400055	
7/8	3-1/2	5-1/2	1085056		8500056		5400056	
57/64	3-5/8	5-5/8	1085057		8500057		5400057	
29/32	3-5/8	5-5/8	1085058		8500058		5400058	
59/64	3-3/4	5-3/4	1085059		8500059		5400059	
15/16	3-3/4	5-3/4	1085060		8500060		5400060	
61/64	3-7/8	5-7/8	1085061		8500061		5400061	
31/32	3-7/8	5-7/8	1085062		8500062		5400062	
63/64	4	6	1085063		8500063		5400063	
1	4	6	1085064		8500064		5400064	
1-1/16	4	6-1/4	1085068					
1-1/8	4	6-3/8	1085072					
1-3/16	4-1/4	6-5/8	1085076					
1-1/4	4-3/8	6-3/4	1085080					
1-5/16	4-3/8	7	1085084					
1-3/8	4-1/2	7-1/8	1085088					
1-7/16	4-3/4	7-3/8	1085092					
1-1/2	4-7/8	7-1/2	1085096					
1-9/16	4-7/8	7-3/4	1085136					
1-5/8	4-7/8	7-3/4	1085140					
1-11/16	5-1/8	8	1085144					
1-3/4	5-1/8	8	1085148					
1-13/16	5-3/8	8-1/4	1085152					
1-7/8	5-5/8	8-1/4	1085156					
1-15/16	5-5/8	8-1/2	1085160					
2	5-5/8	8-1/2	1085200					



HSS - RIGHT HAND



HSS - LEFT HAND



COBALT - RIGHT HAND

HIGH SPEED STEEL AND COBALT (M42) STEEL

## SCREW MACHINE (STUB) LENGTH DRILLS



SERIES 205:

135° Split Point

Size	Flute Lgth	OAL	H.S.S.		Cobalt (M42)	
			Order No.	Price	Order No.	Price
1/16	5/8	1-5/8	2050104		2050404	
5/64	11/16	1-11/16	2050105		2050405	
3/32	3/4	1-3/4	2050106		2050406	
7/64	13/16	1-13/16	2050107		2050407	
1/8	7/8	1-7/8	2050108		2050408	
9/64	15/16	1-15/16	2050109		2050409	
5/32	1	2-1/16	2050110		2050410	
11/64	1-1/16	2-1/8	2050111		2050411	
3/16	1-1/8	2-3/16	2050112		2050412	
13/64	1-3/16	2-1/4	2050113		2050413	
7/32	1-1/4	2-3/8	2050114		2050414	
15/64	1-5/16	2-7/16	2050115		2050415	
1/4	1-3/8	2-1/2	2050116		2050416	
17/64	1-7/16	2-5/8	2050117		2050417	
9/32	1-1/2	2-11/16	2050118		2050418	
19/64	1-9/16	2-3/4	2050119		2050419	
5/16	1-5/8	2-13/16	2050120		2050420	
21/64	1-11/16	2-15/16	2050121		2050421	
11/32	1-11/16	3	2050122		2050422	
23/64	1-3/4	3-1/16	2050123		2050423	
3/8	1-13/16	3-1/8	2050124		2050424	
25/64	1-7/8	3-1/4	2050125		2050425	
13/32	1-15/16	3-5/16	2050126		2050426	
27/64	2	3-3/8	2050127		2050427	
7/16	2-1/16	3-7/16	2050128		2050428	
29/64	2-1/8	3-9/16	2050129		2050429	
15/32	2-1/8	3-5/8	2050130		2050430	
31/64	2-3/16	3-11/16	2050131		2050431	
1/2	2-1/4	3-3/4	2050132		2050432	

# SCREW MACHINE (STUB) LENGTH DRILLS

SERIES 41: HIGH SPEED STEEL  
 SERIES 540: COBALT (M42) STEEL  
 135° Split Point



# HIGH SPEED STEEL AND COBALT (M42) STEEL SCREW MACHINE (STUB) LENGTH DRILLS

SERIES 205:  
 135° Split Point



HIGH SPEED STEEL



COBALT

Size	Flute Lgth.	Overall Lgth.	H.S.S.		Cobalt (M42)	
			Order No.	Price	Order No.	Price
1	1-5/16	2-7/16	1095001		5400401	
2	1-5/16	2-7/16	1095002		5400402	
3	1-1/4	2-3/8	1095003		5400403	
4	1-1/4	2-3/8	1095004		5400404	
5	1-1/4	2-3/8	1095005		5400405	
6	1-1/4	2-3/8	1095006		5400406	
7	1-3/16	2-1/4	1095007		5400407	
8	1-3/16	2-1/4	1095008		5400408	
9	1-3/16	2-1/4	1096009		5400409	
10	1-3/16	2-1/4	1095010		5400410	
11	1-3/16	2-1/4	1095011		5400411	
12	1-3/16	2-1/4	1095012		5400412	
13	1-1/8	2-3/16	1095013		5400413	
14	1-1/8	2-3/16	1095014		5400414	
15	1-1/8	2-3/16	1095015		5400415	
16	1-1/8	2-3/16	1095016		5400416	
17	1-1/8	2-3/16	1095017		5400417	
18	1-1/16	2-1/8	1095018		5400418	
19	1-1/16	2-1/8	1095019		5400419	
20	1-1/16	2-1/8	1095020		5400420	
21	1-1/16	2-1/8	1095021		5400421	
22	1-1/16	2-1/8	1095022		5400422	
23	1	2-1/16	1095023		5400423	
24	1	2-1/16	1095024		5400424	
25	1	2-1/16	1095025		5400425	
26	1	2-1/16	1095026		5400426	
27	1	2-1/16	1095027		5400427	
28	15/16	1-15/16	1095028		5400428	
29	15/16	1-15/16	1095029		5400429	
30	15/16	1-15/16	1095030		5400430	
31	7/8	1-7/8	1095031		5400431	
32	7/8	1-7/8	1095032		5400432	
33	7/8	1-7/8	1095033		5400433	
34	7/8	1-7/8	1095034		5400434	
35	7/8	1-7/8	1095035		5400435	
36	13/16	1-13/16	1095036		5400436	
37	13/16	1-13/16	1095037		5400437	
38	13/16	1-13/16	1095038		5400438	
39	13/16	1-13/16	1095039		5400439	
40	13/16	1-13/16	1095040		5400440	
41	13/16	1-13/16	1095041		5400441	
42	3/4	1-3/4	1095042		5400442	
43	3/4	1-3/4	1095043		5400443	
44	3/4	1-3/4	1095044		5400444	
45	3/4	1-3/4	1095045		5400445	
46	3/4	1-3/4	1095046		5400446	
47	3/4	1-3/4	1095047		5400447	
48	11/16	1-11/16	1095048		5400448	
49	11/16	1-11/16	1095049		5400449	
50	11/16	1-11/16	1095050		5400450	
51	11/16	1-11/16	1095051		5400451	
52	11/16	1-11/16	1095052		5400452	
53	5/8	1-5/8	1095053		5400453	
54	5/8	1-5/8	1095054		5400454	
55	5/8	1-5/8	1095055		5400455	
56	1/2	1-3/8	1095056		5400456	
57	1/2	1-3/8	1095057		5400457	
58	1/2	1-3/8	1095058		5400458	
59	1/2	1-3/8	1095059		5400459	
60	1/2	1-3/8	1095060		5400460	

Size	Flute Lgth.	Overall Lgth.	H.S.S.		Cobalt (M42)	
			Order No.	Price	Order No.	Price
1	1-5/16	2-7/16	2050001		2050301	
2	1-5/16	2-7/16	2050002		2050302	
3	1-1/4	2-3/8	2050003		2050303	
4	1-1/4	2-3/8	2050004		2050304	
5	1-1/4	2-3/8	2050005		2050305	
6	1-1/4	2-3/8	2050006		2050306	
7	1-3/16	2-1/4	2050007		2050307	
8	1-3/16	2-1/4	9995008		2050308	
9	1-3/16	2-1/4	2050009		2050309	
10	1-3/16	2-1/4	9995010		2050310	
11	1-3/16	2-1/4	2050011		2050311	
12	1-3/16	2-1/4	9050012		2050312	
13	1-1/8	2-3/16	2050013		2050313	
14	1-1/8	2-3/16	2050014		2050314	
15	1-1/8	2-3/16	2050015		2050315	
16	1-1/8	2-3/16	9050016		2050316	
17	1-1/8	2-3/16	2050017		2050317	
18	1-1/16	2-1/8	9995018		2050318	
19	1-1/16	2-1/8	2050019		2050319	
20	1-1/16	2-1/8	9050020		2050320	
21	1-1/16	2-1/8	2050021		2050321	
22	1-1/16	2-1/8	2050022		2051322	
23	1	2-1/16	2050023		2050323	
24	1	2-1/16	2050024		2050324	
25	1	2-1/16	9050025		2050325	
26	1	2-1/16	2050026		2050326	
27	1	2-1/16	2050027		2050327	
28	15/16	1-15/16	2050028		2050328	
29	15/16	1-15/16	2050029		2050329	
30	15/16	1-15/16	9050030		2050330	
31	7/8	1-7/8	2050031		2050331	
32	7/8	1-7/8	2050032		2050332	
33	7/8	1-7/8	2050033		2050333	
34	7/8	1-7/8	2050034		2050334	
35	7/8	1-7/8	9995035		2050335	
36	13/16	1-13/16	2050036		2050336	
37	13/16	1-13/16	2050037		2050337	
38	13/16	1-13/16	2050038		2050338	
39	13/16	1-13/16	2050039		2050339	
40	13/16	1-13/16	9050040		2050340	
41	13/16	1-13/16	2050041		2050341	
42	3/4	1-3/4	2050042		2050342	
43	3/4	1-3/4	2050043		2050343	
44	3/4	1-3/4	2050044		2050344	
45	3/4	1-3/4	2050045		2050345	
46	3/4	1-3/4	2050046		2050346	
47	3/4	1-3/4	2050047		2050347	
48	11/16	1-11/16	2050048		2050348	
49	11/16	1-11/16	2050049		2050349	
50	11/16	1-11/16	9050050		2050350	
51	11/16	1-11/16	2050051		2050351	
52	11/16	1-11/16	2050052		2050352	
53	5/8	1-5/8	2050053		2050353	
54	5/8	1-5/8	2050054		2050354	
55	5/8	1-5/8	2050055		2050355	
56	1/2	1-3/8	2050056		2050356	
57	1/2	1-3/8	2050057		2050357	
58	1/2	1-3/8	2050058		2050358	
59	1/2	1-3/8	2050059		2050359	
60	1/2	1-3/8	2050060		2050360	

SCREW MACHINE (STUB) LENGTH DRILLS



SERIES 40: HIGH SPEED STEEL  
 SERIES 540: COBALT (M42) STEEL  
 135° Split Point



Size	Flute Lgth.	Overall Lgth.	H.S.S.		Cobalt (M42)	
			Order No.	Price	Order No.	Price
A	1-5/16	2-7/16	1090001		5400201	
B	1-3/8	2-1/2	1090002		5400202	
C	1-3/8	2-1/2	1090003		5400203	
D	1-3/8	2-1/2	1090004		5400204	
E	1-3/8	2-1/2	1090005		5400205	
F	1-7/16	2-5/8	1090006		5400206	
G	1-7/16	2-5/8	1090007		5400207	
H	1-1/2	2-11/16	1090008		5400208	
I	1-1/2	2-11/16	1090009		5400209	
J	1-1/2	2-11/16	1090010		5400210	
K	1-1/2	2-11/16	1090011		5400211	
L	1-9/16	2-3/4	1090012		5400212	
M	1-9/16	2-3/4	1090013		5400213	
N	1-5/8	2-13/16	1090014		5400214	
O	1-11/16	2-15/16	1090015		5400215	
P	1-11/16	2-15/16	1090016		5400216	
Q	1-11/16	3	1090017		5400217	
R	1-11/16	3	1090018		5400218	
S	1-3/4	3-1/16	1090019		5400219	
T	1-3/4	3-1/16	1090020		5400220	
U	1-13/16	3-1/8	1090021		5400221	
V	1-7/8	3-1/4	1090022		5400222	
W	1-7/8	3-1/4	1090023		5400223	
X	1-15/16	3-5/16	1090024		5400224	
Y	1-15/16	3-5/16	1090025		5400225	
Z	2	3-3/8	1090026		5400226	

HIGH SPEED STEEL AND COBALT (M42) STEEL  
 SCREW MACHINE (STUB) LENGTH DRILLS



SERIES 205:



135° Split Point

Size	Flute Lgth.	Overall Lgth.	H.S.S.		Cobalt (M42)	
			Order No.	Price	Order No.	Price
A	1-5/16	2-7/16	2051201		2050501	
B	1-3/8	2-1/2	2050202		2050502	
C	1-3/8	2-1/2	2050203		2050503	
D	1-3/8	2-1/2	2050204		2050504	
E	1-3/8	2-1/2	2050205		2050505	
F	1-7/16	2-5/8	2050206		2050506	
G	1-7/16	2-5/8	2050207		2050507	
H	1-1/2	2-11/16	2050208		2050508	
I	1-1/2	2-11/16	2050209		2050509	
J	1-1/2	2-11/16	2050210		2050510	
K	1-1/2	2-11/16	2050211		2050511	
L	1-9/16	2-3/4	2051212		2050512	
M	1-9/16	2-3/4	2050213		2050513	
N	1-5/8	2-13/16	2050214		2050514	
O	1-11/16	2-15/16	2050215		2050515	
P	1-11/16	2-15/16	2050216		2050516	
Q	1-11/16	3	2050217		2050517	
R	1-11/16	3	2050218		2050518	
S	1-3/4	3-1/16	2050219		2050519	
T	1-3/4	3-1/16	2050220		2050520	
U	1-13/16	3-1/8	2050221		2050521	
V	1-7/8	3-1/4	2050222		2050522	
W	1-7/8	3-1/4	2050223		2050523	
X	1-15/16	3-5/16	2050224		2050524	
Y	1-15/16	3-5/16	2050225		2050525	
Z	2	3-3/8	2050226		2050526	

SCREW MACHINE (STUB) LENGTH DRILLS

VERMONT TAP & DIE



SERIES 971:



- H.S.S. Bright Finish - 118° point geometry.
- Cobalt steel provides longer tool life and more heat resistance than H.S.S.; 135° split point geometry.

Size	Flute Lgth.	Overall Lgth.	H.S.S. Bright Finish		Cobalt	
			Order No.	Price	Order No.	Price
A	1-5/16	2-7/16	138002		935100	
B	1-3/8	2-1/2	138010		935101	
C	1-3/8	2-1/2	138028		935102	
D	1-3/8	2-1/2	138036		935103	
E	1-3/8	2-1/2	136535		935013	
F	1-7/16	2-5/8	138051		935105	
G	1-7/16	2-5/8	138069		935106	
H	1-1/2	2-11/16	138077		935107	
I	1-1/2	2-11/16	138085		935108	
J	1-1/2	2-11/16	138093		935109	
K	1-1/2	2-11/16	138101		935110	
L	1-9/16	2-3/4	138119		935111	
M	1-9/16	2-3/4	138127		935112	
N	1-5/8	2-13/16	138135		935113	
O	1-11/16	2-15/16	138143		935114	
P	1-11/16	2-15/16	138150		935115	
Q	1-11/16	3	138168		935116	
R	1-11/16	3	138176		935117	
S	1-3/4	3-1/16	138184		935118	
T	1-3/4	3-1/16	138192		935119	
U	1-13/16	3-1/8	138200		935120	
V	1-7/8	3-1/4	138218		935121	
W	1-7/8	3-1/4	138226		935122	
X	1-15/16	3-5/16	138234		935123	
Y	1-15/16	3-5/16	138242		935124	
Z	2	3-3/8	138259		935125	

HIGH SPEED STEEL & COBALT (M42) STEEL  
 SCREW MACHINE (STUB) LENGTH DRILL SETS



SERIES 29:



Set Description	Pieces per Set	H.S.S.	
		Order No.	Price
Wire Gage - #1 thru #60	60	0291160	
Fractional - 1/16" thru 1/2" by 64ths	29	0291432	
Letter - A thru Z	26	0291026	
Combination (inch) - #1 - #60, 1/16" thru 1/2" by 64ths, A thru Z (All in one case)	115	0290115	
1-13mm x .5mm	25	0290113	
<b>COBALT (M42)</b>			
Wire Gage - #1 thru #60	60	0295160	
Fractional - 1/16" thru 1/2" by 64ths	29	0540432	
Letter - A thru Z	26	0295026	
Combination (inch) - #1 - #60, 1/16" thru 1/2" by 64ths, A thru Z (All in one case)	115	0291115	

For USA Sets; see page 51

# SCREW MACHINE (STUB) LENGTH DRILLS

VERMONT TAP & DIE

SERIES 971:



- H.S.S. Bright Finish - Excellent for nonferrous applications and low tensile steels; 118° point geometry.
- H.S.S. Black Oxide Finish - For increased wear resistance and improved lubricity reducing chip welding and galling; 135° split point geometry.
- Cobalt Steel provides longer tool life and more heat resistance than H.S.S.; 135° split point geometry.
- TIN Coating for higher feeds and speeds, reduced heat at the cutting edge, added lubricity and longer tool life.

Size	Flute Lgth.	Overall Lgth.	H.S.S. Bright Finish		H.S.S. Bright Finish Gold (TIN) Ctd.		H.S.S. Black Oxide		H.S.S. Black Oxide Gold (TIN) Ctd.		Cobalt	
			Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
3/64	1/2	1-3/8	136402		-		-		-		-	
1/16	5/8	1-5/8	136410		136416		135602		137602		935001	
5/64	11/16	1-11/16	136428		136424		135603		137603		935002	
3/32	3/4	1-3/4	136436		136432		135604		137604		935003	
7/64	13/16	1-13/16	136444		136440		135605		137605		935004	
1/8	7/8	1-7/8	136451		136457		135606		137606		935005	
9/64	15/16	1-15/16	136469		136465		135607		137607		935006	
5/32	1	2-1/16	136477		136473		135608		137608		935007	
11/64	1-1/16	2-1/8	136485		136481		135609		137609		935008	
3/16	1-1/8	2-3/16	136493		136499		135610		137610		935009	
13/64	1-3/16	2-1/4	136502		136507		135611		137611		935010	
7/32	1-1/4	2-3/8	136519		136515		135612		137612		935011	
15/64	1-5/16	2-7/16	136527		136523		135613		137613		935012	
1/4	1-3/8	2-1/2	136535		136531		135614		137614		935013	
17/64	1-7/16	2-5/8	136543		136549		135615		137615		935014	
9/32	1-1/2	2-11/16	136550		136556		135616		137616		935015	
19/64	1-9/16	2-3/4	136568		136564		135617		137617		935016	
5/16	1-5/8	2-13/16	136576		136572		135618		137618		935017	
21/64	1-11/16	2-15/16	136584		136580		135619		137619		935018	
11/32	1-11/16	3	136592		136598		135620		137620		935019	
23/64	1-3/4	3-1/16	136599		136606		135621		137621		935020	
3/8	1-13/16	3-1/8	136618		136614		135622		137622		935021	
25/64	1-7/8	3-1/4	136626		136622		135623		137623		935022	
13/32	1-15/16	3-5/16	136634		136630		135624		137624		935023	
27/64	2	3-3/8	136642		136648		135625		137625		935024	
7/16	2-1/16	3-7/16	136659		136655		135626		137626		935025	
29/64	2-1/8	3-9/16	136667		136663		135627		137627		935026	
15/32	2-1/8	3-5/8	136675		136671		135628		137628		935027	
31/64	2-3/16	3-11/16	136683		136689		135629		137629		935028	
1/2	2-1/4	3-3/4	136691		136697		135630		137630		935029	

## SIZES 33 / 64 - 2" : BRIGHT FINISH - 118° PT

Size	Flute Lgth.	Overall Lgth.	Shank Dia.	Shank Lgth.	Order No.	Price
33/64	2-3/8	3-7/8	33/64	1-1/2	138804	
17/32	2-3/8	3-7/8	17/32	1-1/2	138812	
35/64	2-1/2	4	35/64	1-1/2	138820	
9/16	2-1/2	4	9/16	1-1/2	138838	
37/64	2-5/8	4-1/8	37/64	1-1/2	138846	
19/32	2-5/8	4-1/8	19/32	1-1/2	138853	
39/64	2-3/4	4-1/4	39/64	1-1/2	138861	
5/8	2-3/4	4-1/4	5/8	1-1/2	138879	
41/64	2-7/8	4-1/2	41/64	1-5/8	138887	
21/32	2-7/8	4-1/2	21/32	1-5/8	138895	
43/64	2-7/8	4-5/8	43/64	1-3/4	138903	
11/16	2-7/8	4-5/8	11/16	1-3/4	138911	
45/64	3	4-3/4	45/64	1-3/4	138929	
23/32	3	4-3/4	23/32	1-3/4	138937	
47/64	3-1/8	5	47/64	1-7/8	138945	
3/4	3-1/8	5	3/4	1-7/8	138952	
49/64	3-1/4	5-1/8	49/64	1-7/8	138960	
25/32	3-1/4	5-1/8	25/32	1-7/8	138978	
51/64	3-3/8	5-1/4	51/64	1-7/8	138986	
13/16	3-3/8	5-1/4	13/16	1-7/8	138994	
53/64	3-1/2	5-3/8	53/64	1-7/8	139000	
27/32	3-1/2	5-3/8	27/32	1-7/8	139018	
55/64	3-1/2	5-1/2	55/64	2	139026	

Size	Flute Lgth.	Overall Lgth.	Shank Dia.	Shank Lgth.	Order No.	Price
7/8	3-1/2	5-1/2	7/8	2	139034	
57/64	3-5/8	5-5/8	57/64	2	139042	
29/32	3-5/8	5-5/8	29/32	2	139059	
59/64	3-3/4	5-3/4	59/64	2	139067	
15/16	3-3/4	5-3/4	15/16	2	139075	
61/64	3-7/8	5-7/8	61/64	2	139083	
31/32	3-7/8	5-7/8	31/32	2	139091	
63/64	4	6	63/64	2	139109	
1	4	6	1	2	139117	
1-1/16	4	6-1/4	1	2-1/4	139125	
1-1/8	4	6-3/8	1	2-1/4	139133	
1-3/16	4-1/4	6-5/8	1	2-1/4	139141	
1-1/4	4-3/8	6-3/4	1	2-1/4	139158	
1-5/16	4-3/8	7	1-1/4	2-1/2	139169	
1-3/8	4-1/2	7-1/8	1-1/4	2-1/2	139174	
1-7/16	4-3/4	7-3/8	1-1/4	2-1/2	139185	
1-1/2	4-7/8	7-1/2	1-1/4	2-1/2	139196	
1-9/16	4-7/8	7-3/4	1-1/2	2-3/4	139207	
1-5/8	4-7/8	7-3/4	1-1/2	2-3/4	139218	
1-11/16	5-1/8	8	1-1/2	2-3/4	139229	
1-3/4	5-1/8	8	1-1/2	2-3/4	139230	
1-13/16	5-3/8	8-1/4	1-1/2	2-3/4	139241	
1-7/8	5-5/8	8-1/4	1-1/2	2-3/4	139252	
1-15/16	5-5/8	8-1/2	1-1/2	2-3/4	139263	
2	5-5/8	8-1/2	1-1/2	2-3/4	139274	

# SCREW MACHINE (STUB) LENGTH DRILLS

SERIES 971:



- H.S.S. Bright Finish - Excellent for nonferrous applications and low tensile steels; 118° point geometry.
- H.S.S. Black Oxide Finish - For increased wear resistance and improved lubricity reducing chip welding and galling; 135° split point geometry.
- Cobalt Steel provides longer tool life and more heat resistance than H.S.S.; 135° split point geometry.
- TIN Coating for higher feeds and speeds, reduced heat at the cutting edge, added lubricity and longer tool life.

Size	Flute Lgth.	Overall Lgth.	H.S.S. Bright Finish		H.S.S. Bright Finish Gold (TIN) Ctd.		H.S.S. Black Oxide		H.S.S. Black Oxide Gold (TIN) Ctd.		Cobalt	
			Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
1	1-5/16	2-7/16	134597		134593		135631		137631		935030	
2	1-1/4	2-3/8	134589		134585		135632		137632		935031	
3	1-1/4	2-3/8	134571		134577		135633		137633		935032	
4	1-1/4	2-3/8	134563		134569		135634		137634		935033	
5	1-1/4	2-3/8	134555		134551		135635		137635		935034	
6	1-1/4	2-3/8	134548		134544		135636		137636		935035	
7	1-3/16	2-1/4	134530		134536		135637		137637		935036	
8	1-3/16	2-1/4	134522		134528		135638		137638		935037	
9	1-3/16	2-1/4	134514		134510		135639		137639		935038	
10	1-3/16	2-1/4	134506		134502		135640		137640		935039	
11	1-3/16	2-1/4	134498		134494		135641		137641		935040	
12	1-3/16	2-1/4	134480		134486		135642		137642		935041	
13	1-1/8	2-3/16	134472		134478		135643		137643		935042	
14	1-1/8	2-3/16	134464		134460		135644		137644		935043	
15	1-1/8	2-3/16	134456		134452		135645		137645		935044	
16	1-1/8	2-3/16	134449		134445		135646		137646		935045	
17	1-1/8	2-3/16	134431		134437		135647		137647		935046	
18	1-1/16	2-1/8	134423		134429		135648		137648		935047	
19	1-1/16	2-1/8	134415		134411		135649		137649		935048	
20	1-1/16	2-1/8	134407		134403		135650		137650		935049	
21	1-1/16	2-1/8	134399		134395		135651		137651		935050	
22	1-1/16	2-1/8	134381		134387		135652		137652		935051	
23	1	2-1/16	134373		134379		135653		137653		935052	
24	1	2-1/16	134365		134361		135654		137654		935053	
25	1	2-1/16	134357		134353		135655		137655		935054	
26	1	2-1/16	134340		134346		135656		137656		935055	
27	1	2-1/16	134332		134338		135657		137657		935056	
28	15/16	1-15/16	134324		134320		135658		137658		935057	
29	15/16	1-15/16	134316		134312		135659		137659		935058	
30	15/16	1-15/16	134308		134304		135660		137660		935059	
31	7/8	1-7/8	134290		134296		135661		137661		935060	
32	7/8	1-7/8	134282		134288		135662		137662		935061	
33	7/8	1-7/8	134274		134270		135663		137663		935062	
34	7/8	1-7/8	134266		134262		135664		137664		935063	
35	7/8	1-7/8	134258		134254		135665		137665		935064	
36	13/16	1-13/16	134241		134247		135666		137666		935065	
37	13/16	1-13/16	134233		134239		135667		137667		935066	
38	13/16	1-13/16	134225		134221		135668		137668		935067	
39	13/16	1-13/16	134217		134213		135669		137669		935068	
40	13/16	1-13/16	134209		134205		135670		137670		935069	
41	13/16	1-13/16	134191		134197		135671		137671		935070	
42	3/4	1-3/4	134183		134189		135672		137672		935071	
43	3/4	1-3/4	134175		134171		135673		137673		935072	
44	3/4	1-3/4	134167		134163		135674		137674		935073	
45	3/4	1-3/4	134159		134155		135675		137675		935074	
46	3/4	1-3/4	134142		134148		135676		137676		935075	
47	3/4	1-3/4	134134		134130		135677		137677		935076	
48	11/16	1-11/16	134126		134122		135678		137678		935077	
49	11/16	1-11/16	134118		134114		135679		137679		935078	
50	11/16	1-11/16	134099		134106		135680		137680		935079	
51	11/16	1-11/16	134092		134098		135681		137681		935080	
52	11/16	1-11/16	134084		134080		135682*		137682*		935081*	
53	5/8	1-5/8	134076		134072		135683*		137683*		935082*	
54	5/8	1-5/8	134068		134064		135684*		137684*		935083*	
55	5/8	1-5/8	134050		134056		135685*		137685*		935084*	
56	1/2	1-3/8	134043		134049		135686*		137686*		935085*	
57	1/2	1-3/8	134035		134031		135687*		137687*		935086*	
58	1/2	1-3/8	134027		134023		135688*		137688*		935087*	
59	1/2	1-3/8	134019		134015		135689*		137689*		935088*	
60	1/2	1-3/8	134002		134007		135690*		137690*		935089*	

\*118° Point

\*118° Point

**HIGH SPEED STEEL**  
**SCREW MACHINE (STUB) LENGTH DRILLS - METRIC SIZES**  
**SERIES 851:**



**135° Split Point**

Dia.	Flute Lgth.	OAL	Order No.	Price	Dia.	Flute Lgth.	OAL	Order No.	Price
1.00	13	35	8510100		5.30	32	60	8510530	
1.05	13	35	8510105		5.40	32	60	8510540	
1.10	13	35	8510110		5.50	32	60	8510550	
1.15	13	35	8510115		5.60	33	62	8510560	
1.20	16	41	8510120		5.70	33	62	8510570	
1.25	16	41	8510125		5.80	33	62	8510580	
1.30	16	41	8510130		5.90	33	62	8510590	
1.35	16	41	8510135		6.00	35	64	8510600	
1.40	16	41	8510140		6.10	35	64	8510610	
1.45	16	41	8510145		6.20	35	64	8510620	
1.50	16	41	8510150		6.30	35	64	8510630	
1.55	16	41	8510155		6.40	37	67	8510640	
1.60	18	43	8510160		6.50	37	67	8510650	
1.65	18	43	8510165		6.60	37	67	8510660	
1.70	18	43	8510170		6.70	37	67	8510670	
1.75	18	43	8510175		6.80	38	68	8510680	
1.80	18	43	8510180		6.90	38	68	8510690	
1.85	18	43	8510185		7.00	38	68	8510700	
1.90	18	43	8510190		7.10	38	68	9510710	
1.95	18	43	8510195		7.20	40	70	8510720	
2.00	18	43	8510200		7.30	40	70	8510730	
2.05	19	44	8510205		7.40	40	70	8510740	
2.10	19	44	8510210		7.50	40	70	8510750	
2.15	19	44	8510215		7.60	41	71	8510760	
2.20	19	44	8510220		7.70	41	71	8510770	
2.25	19	44	8510225		7.80	41	71	8510780	
2.30	19	44	8510230		7.90	41	71	8510790	
2.35	19	44	8510235		8.00	43	75	8510800	
2.40	21	46	8510240		8.10	43	75	8510810	
2.45	21	46	8510245		8.20	43	75	8510820	
2.50	21	46	8510250		8.30	43	75	8510830	
2.60	21	46	8510260		8.40	43	75	8510840	
2.70	21	46	8510270		8.50	43	75	8510850	
2.80	22	48	8510280		8.60	43	75	8510860	
2.90	22	48	8510290		8.70	43	75	8510870	
3.00	22	48	8510300		8.80	44	78	8510880	
3.10	22	48	8510310		8.90	44	78	8510890	
3.20	24	49	8510320		9.00	44	78	8510900	
3.30	24	49	8510330		9.10	44	78	8510910	
3.40	24	49	8510340		9.20	46	79	8510920	
3.50	24	49	8510350		9.30	46	79	8510930	
3.60	25	52	8510360		9.40	46	79	8510940	
3.70	25	52	8510370		9.50	46	79	8510950	
3.80	25	52	8510380		9.60	48	83	8510960	
3.90	25	52	8510390		9.70	48	83	8510970	
4.00	27	54	8510400		9.80	48	83	8510980	
4.10	27	54	8510410		9.90	48	83	8510990	
4.20	27	54	8510420		10.00	49	84	8511000	
4.30	27	54	8510430		10.20	49	84	8511020	
4.40	27	54	8510440		10.50	51	86	8511050	
4.50	29	56	8510450		10.80	52	87	8511080	
4.60	29	56	8510460		11.00	52	87	8511100	
4.70	29	56	8510470		11.20	54	90	8511120	
4.80	30	57	8510480		11.50	54	90	8511150	
4.90	30	57	8510490		11.80	54	90	8511180	
5.00	30	57	8510500		12.00	56	94	8511200	
5.10	30	57	8510510		12.20	56	94	8511220	
5.20	32	60	8510520		12.50	56	94	8511250	
					13.00	56	94	9511300	

**HIGH SPEED STEEL**  
**DOUBLE END**  
**STUB DRILLS**



**SERIES 26:**

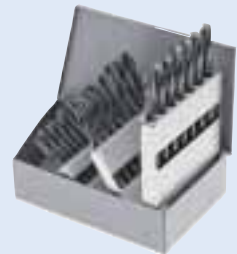
Body Dia.	Overall Lgth	Flute Lgth	Order No.	Price
1/8	21/32	2	1050051	
#30	1/2	2	5050052	

**HIGH SPEED STEEL**  
**SCREW MACHINE**  
**(STUB) LENGTH DRILL SET**



**SERIES 29:**

1 - 13mm x .5mm



**Order No.: 0290113**

**Price:**

**SCREW MACHINE (STUB)**  
**LENGTH DRILL**  
**INDEX**



**SERIES 569:**

1 - 13mm x .5mm



**Order No.: 5611375**

**Price:**