

**JOBBERS LENGTH DRILLS - FRACTIONAL SIZES**

- SERIES 26: HIGH SPEED STEEL - BLACK OXIDE
- SERIES 728: H.S.S. BRIGHT FINISH (Ground)
- SERIES 848: H.S.S. GOLD (TIN) COATED
- SERIES 529: H.S.S. FAST SPIRAL (For use with soft materials such as aluminum.)
- SERIES 527: COBALT STEEL - 135° SPLIT POINT



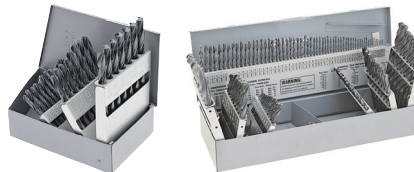
Size	Dec. Equiv.	Flute Lgth.	Overall Lgth.	HIGH SPEED STEEL								Cobalt	
				Black Oxide		Bright Finish		Gold (TIN) Coated		Fast Spiral		Order No.	Price
				Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price		
1/64	.0156	3/16	3/4	1050001		7280101		8480101		9114001		119001	
1/32	.0312	1/2	1-3/8	1050002		7280102		8480102		9114002		9119002	
3/64	.0469	3/4	1-3/4	1050003		7280103		8480103		9114003		5270103	
1/16	.0625	7/8	1-7/8	1050004		7280104		8480104		5290104		5270104	
5/64	.0781	1	2	1050005		7280105		8480105		5290105		5270105	
3/32	.0938	1-1/4	2-1/2	1050006		7280106		8480106		5290106		5270106	
7/64	.1094	1-1/2	2-5/8	1050007		7280107		8480107		5290107		5270107	
1/8	.1250	1-5/8	2-3/4	1050008		7280108		8480108		5290108		5270108	
9/64	.1406	1-3/4	2-7/8	1050009		7280109		8480109		5290109		5270109	
5/32	.1562	2	3-1/8	1050010		7280110		8480110		5290110		5270110	
11/64	.1719	2-1/8	3-1/4	1050011		7280111		8480111		5290111		5270111	
3/16	.1875	2-5/16	3-1/2	1050012		7280112		8480112		5290112		5270112	
13/64	.2031	2-7/16	3-5/8	1050013		7280113		8480113		5290113		5270113	
7/32	.2188	2-1/2	3-3/4	1050014		7280114		8480114		5290114		5270114	
15/64	.2344	2-5/8	3-7/8	1050015		7280315		8480115		5290115		5270115	
1/4	.2500	2-3/4	4	1050016		7280116		8480116		5290116		5270116	
17/64	.2656	2-7/8	4-1/8	1050017		7280117		8480117		5290117		5270117	
9/32	.2812	2-15/16	4-1/4	1050018		7280118		8480118		5290118		5270118	
19/64	.2969	3-1/16	4-3/8	1050019		7280119		8480119		5290119		5270119	
5/16	.3125	3-3/16	4-1/2	1050020		7280120		8480120		5290120		5270120	
21/64	.3281	3-5/16	4-5/8	1050021		7280121		8480121		5290121		5270121	
11/32	.3438	3-7/16	4-3/4	1050022		7280122		8480122		5290122		5270122	
23/64	.3594	3-1/2	4-7/8	1050023		7280123		8480123		5290123		5270123	
3/8	.3750	3-5/8	5	1050024		7280124		8480124		5290124		5270124	
25/64	.3906	3-3/4	5-1/8	1050025		7280125		8480125		5290125		5270125	
13/32	.4062	3-7/8	5-1/4	1050026		7280126		8480126		5290126		5270126	
27/64	.4219	3-15/16	5-3/8	1050027		7280127		8480127		5290127		5270127	
7/16	.4375	4-1/16	5-1/2	1050028		7280128		8480128		5290128		5270128	
29/64	.4531	4-3/16	5-5/8	1050029		7280129		8480129		5290129		5270129	
15/32	.4688	4-5/16	5-3/4	1050030		7280130		8480130		5290130		5270130	
31/64	.4844	4-3/8	5-7/8	1050031		7280131		8480131		5290131		5270131	
1/2	.5000	4-1/2	6	1050032		7280132		8480132		5290132		5270132	
33/64	.5156	4-13/16	6-5/8	1050033								5270133	
17/32	.5312	4-13/16	6-5/8	1050034								5270134	
35/64	.5469	4-13/16	6-5/8	1050035								5270135	
9/16	.5625	4-13/16	6-5/8	1050036								5270136	
37/64	.5781	4-13/16	6-5/8	1050037								5270137	
19/32	.5938	5-3/16	7-1/8	1050038								5270138	
39/64	.6094	5-3/16	7-1/8	1050039								5270139	
5/8	.6250	5-3/16	7-1/8	1050040								5270140	
41/64	.6406	5-3/16	7-1/8	1050041								5270141	
21/32	.6562	5-3/16	7-1/8	1050042								5270142	
43/64	.6719	5-5/8	7-5/8	1050043								5270143	
11/16	.6875	5-5/8	7-5/8	1050044								5270144	
3/4	.7500	5-5/8	7-5/8	1050048									
25/32	.7812	6-1/8	8-1/8	1050050									

CUTTING TOOLS - DRILLS

**DRILL SETS -  
JOBBERS LENGTH - HIGH SPEED STEEL**

SERIES 29:  
Supplied in metal indexes.

For a complete listing of our drill sets see pages 52 - 54.



Set Description	Pieces per Set	MEDA				REPUBLIC		
		Surface Treated		Bright Finish		Surface Treated	Bright Finish	Price
		Order No.	Price	Order No.	Price	Order No.	Order No.	
Wire Gage - #1 thru #60	60	1450160		7280160		174726	174722	
Fractional - 1/16" thru 1/2" by 64ths	29	1450432		7280432		174700	174702	
Metric - 1mm thru 13mm by .5mm	25	1450113		-		5281113	-	
Combination (inch) - #1 thru #60, 1/16" thru 1/2" by 64ths, A thru Z ( All in one case)	115	1450115		7280115		174742	174743	



HIGH SPEED STEEL

**JOBBERS LENGTH DRILLS - BRIGHT FINISH REPUBLIC DRILL SERIES 840:**



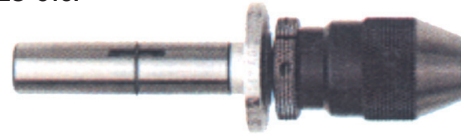
Drill Size	Dec. Equiv.	Overall Lgth.	Flute Lgth.	Order No.	Price
81	.0130	3/4	3/32	117295	
82	.0125	3/4	3/32	117287	
83	.0120	3/4	3/32	117279	
84	.0115	3/4	3/32	117261	
85	.0110	3/4	5/64	117253	
86	.0105	3/4	5/64	117246	
87	.0100	3/4	5/64	117238	
88	.0095	3/4	5/64	117220	
89	.0094	3/4	1/16	9117212	
90	.0087	3/4	1/16	117204	
91	.0083	3/4	1/16	893991	
92	.0079	3/4	1/16	893992	
93	.0075	3/4	1/16	893993	
94	.0071	3/4	1/16	893994	
95	.0067	3/4	1/16	893995	
96	.0063	3/4	3/64	893996	
97	.0059	3/4	3/64	893997	

**JOBBERS LENGTH DRILLS - LETTER SIZES**

- SERIES 27: HIGH SPEED STEEL - BLACK OXIDE
- SERIES 728: H.S.S. BRIGHT FINISH (Ground)
- SERIES 848: H.S.S. GOLD (TIN) COATED (Ground)
- SERIES 529: H.S.S. FAST SPIRAL (For use with soft materials such as aluminum.)
- SERIES 527: COBALT STEEL - 135° SPLIT POINT

Size	Dec. Equiv.	Flute Lgth.	Overall Lgth.	HIGH SPEED STEEL								Cobalt	
				Black Oxide		Bright Finish		Gold (TIN) Coated		Fast Spiral		Order No.	Price
				Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price		
A	.2340	2-5/8	3-7/8	1055001		7280201		8480201		5290201		5270201	
B	.2380	2-3/4	4	1055002		7280202		8480202		5290202		5270202	
C	.2420	2-3/4	4	1055003		7280203		8480203		5290203		5270203	
D	.2460	2-3/4	4	1055004		7280204		8480204		5290204		5270204	
E	.2500	2-3/4	4	1055005		7280205		8480205		5290205		5270205	
F	.2570	2-7/8	4-1/8	1055006		7280206		8480206		5290206		5270206	
G	.2610	2-7/8	4-1/8	1055007		7280207		8480207		5290207		5270207	
H	.2660	2-7/8	4-1/8	1055008		7280208		8480208		5290208		5270208	
I	.2720	2-7/8	4-1/8	1055009		7280209		8480209		5290209		5270209	
J	.2770	2-7/8	4-1/8	1055010		7280210		8480210		5290210		5270210	
K	.2810	2-15/16	4-1/4	1055011		7280211		8480211		5290211		5270211	
L	.2900	2-15/16	4-1/4	1055012		7280212		8480112		5290212		5270212	
M	.2950	3-1/16	4-3/8	1055013		7280213		8480213		5290213		5270213	
N	.3020	3-1/16	4-3/8	1055014		7280214		8480214		5290214		5270214	
O	.3160	3-3/16	4-1/2	1055015		7280215		8480215		5290215		5270215	
P	.3230	3-5/16	4-5/8	1055016		7280216		8480216		5290216		5270216	
Q	.3320	3-7/16	4-3/4	1055017		7280217		8480217		5290217		5270217	
R	.3390	3-7/16	4-3/4	1055018		7280218		8480218		5290218		5270218	
S	.3480	3-1/2	4-7/8	1055019		7280219		8480219		5290219		5270219	
T	.3580	3-1/2	4-7/8	1055020		7280220		8480220		5290220		5270220	
U	.3680	3-5/8	5	1055021		7280221		8480221		5290221		5270221	
V	.3770	3-5/8	5	1055022		7280222		8480222		5290222		5270222	
W	.3860	3-3/4	5-1/8	1055023		7280223		8480223		5290223		5270223	
X	.3970	3-3/4	5-1/8	1055024		7280224		8480224		5290224		5270224	
Y	.4040	3-7/8	5-1/4	1055025		7280225		8480225		5290225		5270225	
Z	.4130	3-7/8	5-1/4	1055026		7280226		8480226		5290226		5270226	

**SENSITIVE DRILL FEED SERIES 318:**



Pictured with optional drill chuck.

- 1/2" straight shank to Jacobs Taper 0.
- Finger sensitive control reduces drill breakage and amount of rejected parts when drilling small holes using high speed machinery.
- Applicable in Mills, Lathes, Drill Presses and Jig Borers.
- For use with any Drill Chucks having a JT0 back.

Order No. 7360000	Price	
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**PIN CHUCK SET SERIES 306:**



- Designed for holding small drills
- Black shiny finish.

Order No.	Description	Price
1920000	A knurled chuck with 1/4" diameter shank holds all three collets: 0-1/32" 0-0.8mm 1/32" 0.8-1.60mm 1/16"-3/32" 1.6-2.40mm	



CUTTING TOOLS - DRILLS



**JOBBER'S LENGTH DRILLS**  
**REPUBLIC DRILL**



SERIES 840:



**CUTTING TOOLS - DRILLS**

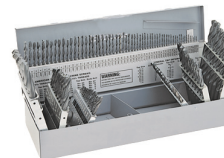
Size	Flute Lgth.	Overall Lgth	High Speed Steel						Cobalt		H.S.S. Gold (TIN) Coated	
			Black Oxide		Bright Finish		Fast Spiral		Order No.	Price	Order No.	Price
			Order No.	Price	Order No.	Price	Order No.	Price				
1/64	3/16	3/4	110001		111008		8400101		8450101		8460101	
1/32	1/2	1-3/8	110019		111016		8400102		8450102		8460102	
3/64	3/4	1-3/4	110027		111024		121602		8450103		8460103	
1/16	7/8	1-7/8	110035		111032		121610		130637		111038	
5/64	1	2	110043		111040		121628		130645		111046	
3/32	1-1/4	2-1/2	110050		111057		121636		130652		111053	
7/64	1-1/2	2-5/8	110068		111065		121644		130660		111061	
1/8	1-5/8	2-3/4	110076		111073		121651		130678		111079	
9/64	1-3/4	2-7/8	110084		111081		121669		130686		111087	
5/32	2	3-1/8	110092		111099		121677		130694		111095	
11/64	2-1/8	3-1/4	110099		111107		121685		130702		111103	
3/16	2-5/16	3-1/2	110118		111115		121693		130710		111111	
13/64	2-7/16	3-5/8	110126		111123		121702		130728		111129	
7/32	2-1/2	3-3/4	110134		111131		121719		130736		111137	
15/64	2-5/8	3-7/8	110142		111149		121727		130744		111145	
1/4	2-3/4	4	110159		111156		121735		130751		111152	
17/64	2-7/8	4-1/8	110167		111164		121743		130769		111160	
9/32	2-15/16	4-1/4	110175		111172		121750		130777		111178	
19/64	3-1/16	4-3/8	110183		111180		121768		130785		111186	
5/16	3-3/16	4-1/2	110191		111198		121776		130793		111194	
21/64	3-5/16	4-5/8	110209		111206		121784		130802		111202	
11/32	3-7/16	4-3/4	110217		111214		121792		130819		111210	
23/64	3-1/2	4-7/8	110225		111222		121799		130827		111228	
3/8	3-5/8	5	110233		111230		121818		130835		111236	
25/64	3-3/4	5-1/8	110241		111248		121826		130843		111244	
13/32	3-7/8	5-1/4	110258		111255		121834		130850		111251	
27/64	3-15/16	5-3/8	110266		111263		121842		130868		111269	
7/16	4-1/16	5-1/2	110274		111271		121859		130876		111277	
29/64	4-3/16	5-5/8	110282		111289		121867		130884		111285	
15/32	4-5/16	5-3/4	110290		111297		121875		130892		111293	
31/64	4-3/8	5-7/8	110308		111305		121883		130899		111302	
1/2	4-1/2	6	110316		111313		121891		130918		111319	
33/64	4-13/16	6-5/8	110324		111321		-		8450133		111327	
17/32	4-13/16	6-5/8	110332		111339		-		8450134		111335	
35/64	4-13/16	6-5/8	110340		111347		-		8450135		111343	
9/16	4-13/16	6-5/8	110357		111354		-		8450136		111350	
37/64	4-13/16	6-5/8	110365		111362		-		8450137		111368	
19/32	5-3/16	7-1/8	110373		111370		-		8450138		111376	
39/64	5-3/16	7-1/8	110381		111388		-		8450139		111384	
5/8	5-3/16	7-1/8	110399		111396		-		8450140		111392	
41/64	5-3/16	7-1/8	110407		111404		-		8450141		111399	
21/32	5-3/16	7-1/8	110415		111412		-		8450142		111418	
43/64	5-5/8	7-5/8	110423		111420		-		8450143		111426	
11/16	5-5/8	7-5/8	110431		111438		-		8450144		111434	
23/32	5-5/8	7-5/8	110439		111446		-		-		111442	
3/4	5-5/8	7-5/8	110447		111454		-		-		111450	

**DRILL SETS - JOBBER'S LENGTH - HIGH SPEED STEEL**

SERIES 29:

Supplied in metal indexes.

For a complete listing or our drill sets see page 52 - 54



Set Description	Pieces per Set	MEDA				REPUBLIC DRILL		
		Surface Treated		Bright Finish		Surface Treated	Bright Finish	Price
		Order No.	Price	Order No.	Price	Order No.	Order No.	
Wire Gage - #1 thru #60	60	1450160		7280160		174726	174722	
Fractional - 1/16" thru 1/2" by 64ths	29	1450432		7280432		174700	174702	
Metric - 1mm thru 13mm by .5mm	25	1450113		-		5281113	-	
Combination (inch) - #1 thru #60, 1/16" thru 1/2" by 64ths, A thru Z ( All in one case)	115	1450115		7280115		174742	174743	





HIGH SPEED STEEL

**JOBBERS LENGTH DRILLS**



SERIES 528: RIGHT HAND - PRODUCTION MAX™ TIGHT TOLERANCE

118° Split Point, Black and Gold,  
Double Margin (3/16-1/2")



**PROD. MAX SET**

29 Pc Set 1/16-1/2 by 64ths  
Order No. **5299856**  
Price **\$122.20**

- Precision hole drilling.
- Oxide and gold modified 118° Split Point for reduced thrust, quick centering.
- Produces straighter, rounder holes with up to 300% tighter hole tolerance.
- Eliminates reaming in some applications.
- Not recommended for hand held drilling.

SERIES 976: LEFT HAND

LEFT HAND SET  
SEE PAGE 53



For use in left hand spindle rotation on screw machines and drill heads. Can be used as screw extractor for drilling out broken studs or fasteners.

Size	Dec. Equiv.	Flute Lgth.	OAL	PROD. MAX		LEFT HAND	
				Order No.	Price	Order No.	Price
1/64	.0156	3/16	3/4			9760101	
1/32	.0312	1/2	1-3/8			9760102	
3/64	.0469	3/4	1-3/4			9760103	
1/16	.0625	7/8	1-7/8	9785177		9760104	
5/64	.0781	1	2	9785178		760105	
3/32	.0938	1-1/4	2-1/4	9785179		9760106	
7/64	.1094	1-1/2	2-5/8	9785180		9760107	
1/8	.1250	1-5/8	2-3/4	9785181		9760108	
9/64	.1406	1-3/4	2-7/8	9785182		9760109	
5/32	.1562	2	3-1/8	9785183		760110	
11/64	.1719	2-1/8	3-1/4	9785184		9760111	
3/16	.1875	2-5/16	3-1/2	9785185		9760112	
13/64	.2031	2-7/16	3-5/8	9785186		9760113	
7/32	.2188	2-1/2	3-3/4	9785187		9760114	
15/64	.2344	2-5/8	3-7/8	9785188		760115	
1/4	.2500	2-3/4	4	9785189		9760116	

Size	Dec. Equiv.	Flute Lgth.	OAL	PROD. MAX		LEFT HAND	
				Order No.	Price	Order No.	Price
17/64	.2656	2-7/8	4-1/8	9785190		9760117	
9/32	.2812	2-15/16	4-1/4	9785191		9760118	
19/64	.2969	3-1/16	4-3/8	9785192		9760119	
5/16	.3125	3-3/16	4-1/2	9785193		760120	
21/64	.3281	3-5/16	4-5/8	9785194		9760121	
11/32	.3438	3-7/16	4-3/4	9785195		9760122	
23/64	.3594	3-1/2	4-7/8	9785196		9760123	
3/8	.3750	3-5/8	5	9785197		9760124	
25/64	.3906	3-3/4	5-1/8	9785198		760125	
13/32	.4062	3-7/8	5-1/4	9785199		9760126	
27/64	.4219	3-15/16	5-3/8	9785200		9760127	
7/16	.4375	4-1/16	5-1/2	9785201		9760128	
29/64	.4531	4-3/16	5-5/8	9785202		9760129	
15/32	.4688	4-5/16	5-3/4	9785203		9760130	
31/64	.4844	4-3/8	5-7/8	9785204		9760131	
1/2	.5000	4-1/2	6	9785205		9760132	

HIGH SPEED STEEL / 135° SPLIT POINT

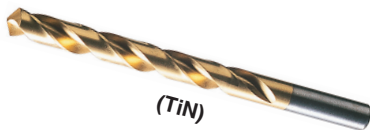
**JOBBERS LENGTH DRILLS - HEAVY DUTY / PARABOLIC**

REPUBLIC DRILL

SERIES 840:



Heavy Duty



(TiN)



Parabolic

Drill Size	Decimal Equivalent	Overall Length	Flute Length	Heavy Duty		H.D. Coated		Parabolic	
				Order No.	Price	Order No.	Price	Order No.	Price
3/64	.0469	1-3/4	3/4	119002		8401101		-	
1/16	.0625	1-7/8	7/8	119010		119016		8402104	
5/64	.0781	2	1	119028		119024		8402105	
3/32	.0938	2-1/4	1-1/4	119036		9119032		8402106	
7/64	.1094	2-5/8	1-1/2	119044		119040		8402107	
1/8	.1250	2-3/4	1-5/8	119051		119057		245302	
9/64	.1406	2-7/8	1-3/4	119069		119065		245310	
5/32	.1562	3-1/8	2	119077		119073		245328	
11/64	.1719	3-1/4	2-1/8	119085		119081		245336	
3/16	.1875	3-1/2	2-5/16	119093		119099		245344	
13/64	.2031	3-5/8	2-7/16	119101		119107		245351	
7/32	.2188	3-3/4	2-1/2	119119		119115		245369	
15/64	.2344	3-7/8	2-5/8	119127		119123		245377	
1/4	.2500	4	2-3/4	119135		9119131		245385	
17/64	.2656	4-1/8	2-7/8	119143		119149		245393	
9/32	.2812	4-1/4	2-15/16	119150		119156		245401	
19/64	.2969	4-3/8	3-1/16	119168		119164		245419	
5/16	.3125	4-1/2	3-3/16	119176		9119172		245427	
21/64	.3281	4-5/8	3-5/16	119184		119180		245435	
11/32	.3438	4-3/4	3-7/16	119192		119198		245443	
23/64	.3594	4-7/8	3-1/2	119200		119206		245450	
3/8	.3750	5	3-5/8	119218		9119214		245468	
25/64	.3906	5-1/8	3-3/4	119226		119222		245476	
13/32	.4062	5-1/4	3-7/8	119234		119230		245484	
27/64	.4219	5-3/8	3-15/16	119242		119248		245492	
7/16	.4375	5-1/2	4-1/16	119259		9119255		245501	
29/64	.4531	5-5/8	4-3/16	119267		119263		245518	
15/32	.4688	5-3/4	4-5/16	119275		119271		245527	
31/64	.4844	5-7/8	4-3/8	119283		119289		245534	
1/2	.5000	6	4-1/2	119291		9119297		245542	

HIGH SPEED STEEL

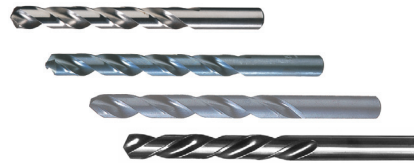
**JOBBERS LENGTH DRILLS**

**REPUBLIC DRILL**

SERIES 840: • BRIGHT FINISH • BLACK OXIDE - 118° Point

HEAVY DUTY - 135° Split Point

SERIES 976: LEFT HAND - 118° Point



CUTTING TOOLS - DRILLS

Size	Dec. Equiv.	Flute Lgth.	OAL	Black Oxide	Bright Finish	Price	Black Oxide Heavy Duty		Left Hand	
				Order No.	Order No.		Order No.	Price	Order No.	Price
1	.2280	2-5/8	3-7/8	113799	114796		120596		976001	
2	.2210	2-5/8	3-7/8	113781	114788		120588		976002	
3	.2130	2-1/2	3-3/4	113773	114770		120570		976003	
4	.2090	2-1/2	3-3/4	113765	114762		120562		976004	
5	.2055	2-1/2	3-3/4	113757	114754		120554		976005	
6	.2040	2-1/2	3-3/4	113740	114747		120547		976006	
7	.2010	2-7/16	3-5/8	113732	114739		120539		976007	
8	.1990	2-7/16	3-5/8	113724	114721		120521		976008	
9	.1960	2-7/16	3-5/8	113716	114713		120513		976009	
10	.1935	2-7/16	3-5/8	113708	114705		120505		976010	
11	.1910	2-5/16	3-1/2	113690	114697		120497		976011	
12	.1890	2-5/16	3-1/2	113682	114689		120489		976012	
13	.1850	2-5/16	3-1/2	113674	114671		120471		976013	
14	.1820	2-3/16	3-3/8	113666	114663		120463		976014	
15	.1800	2-3/16	3-3/8	113658	114655		120455		976015	
16	.1770	2-3/16	3-3/8	113641	114648		120448		976016	
17	.1730	2-3/16	3-3/8	113633	114630		120430		976017	
18	.1695	2-1/8	3-1/4	113625	114622		120422		976018	
19	.1660	2-1/8	3-1/4	113617	114614		120414		976019	
20	.1610	2-1/8	3-1/4	113609	114606		120406		976020	
21	.1590	2-1/8	3-1/4	113591	114598		120398		976021	
22	.1570	2	3-1/8	113583	114580		120380		976022	
23	.1540	2	3-1/8	113575	114572		120372		976023	
24	.1520	2	3-1/8	113567	114564		120364		976024	
25	.1495	1-7/8	3	113559	114556		120356		976025	
26	.1470	1-7/8	3	113542	114549		120349		976026	
27	.1440	1-7/8	3	113534	114531		120331		976027	
28	.1405	1-3/4	2-7/8	113526	114523		120323		976028	
29	.1360	1-3/4	2-7/8	113518	114515		120315		976029	
30	.1285	1-5/8	2-3/4	113500	114507		120307		976030	
31	.1200	1-5/8	2-3/4	113499	114499		120299		976031	
32	.1160	1-5/8	2-3/4	113484	114481		120281		976032	
33	.1130	1-1/2	2-5/8	113476	114473		120273		976033	
34	.1110	1-1/2	2-5/8	113468	114465		120265		976034	
35	.1100	1-1/2	2-5/8	113450	114457		120257		976035	
36	.1065	1-7/16	2-1/2	113443	114440		120240		976036	
37	.1040	1-7/16	2-1/2	113435	114432		120232		976037	
38	.1015	1-7/16	2-1/2	113427	114424		120224		976038	
39	.0995	1-3/8	2-3/8	113419	114416		120216		976039	
40	.0980	1-3/8	2-3/8	113401	114408		120208		976040	
41	.0960	1-3/8	2-3/8	113393	114390		120190		976041	
42	.0935	1-1/4	2-1/4	113385	114382		120182		976042	
43	.0890	1-1/4	2-1/4	113377	114374		120174		976043	
44	.0860	1-1/8	2-1/8	113369	114366		120166		976044	
45	.0820	1-1/8	2-1/8	113351	114358		120158		976045	
46	.0810	1-1/8	2-1/8	113344	114341		120141		976046	
47	.0785	1	2	113336	114333		120133		976047	
48	.0760	1	2	113328	114325		120125		976048	
49	.0730	1	2	113310	114317		120117		976049	
50	.0700	1	2	113302	114309		120109		976050	
51	.0670	1	2	113294	114291		120091		976051	
52	.0635	7/8	1-7/8	113286	114283		120083		976052	
53	.0595	7/8	1-7/8	113278	114275		120075		976053	
54	.0550	7/8	1-7/8	113260	114267		120067		976054	
55	.0521	7/8	1-7/8	113252	114259		120059		976055	
56	.0465	3/4	1-3/4	113245	114242		120042		976056	
57	.0430	3/4	1-3/4	113237	114234		120034		976057	
58	.0420	11/16	1-5/8	113229	114226		120026		976058	
59	.0410	11/16	1-5/8	113211	114218		120018		976059	
60	.0400	11/16	1-5/8	113203	114199		120000		976060	
61	.0390	11/16	1-5/8	8400061	113195				976061	
62	.0380	5/8	1-1/2	8400062	113187				976062	
63	.0370	5/8	1-1/2	8400063	113179				976063	
64	.0360	5/8	1-1/2	8400064	113161				976064	
65	.0350	5/8	1-1/2	8400065	113153				976065	
66	.0330	1/2	1-3/8	8400066	113146				976066	
67	.0320	1/2	1-3/8	8400067	113138				976067	
68	.0310	1/2	1-3/8	8400068	113120				976068	
69	.0292	1/2	1-3/8	8400069	113112				976069	
70	.0280	3/8	1-1/4	8400070	113104				976070	
71	.0260	3/8	1-1/4	8400071	113096				976071	
72	.0250	5/16	1-1/8	8400072	113088				976072	
73	.0240	5/16	1-1/8	8400073	113070				976073	
74	.0225	1/4	1	8400074	113062				976074	
75	.0210	1/4	1	8400075	113054				976075	
76	.0200	3/16	7/8	8400076	113047				976076	
77	.0180	3/16	7/8	8400077	113039				976077	
78	.0160	3/16	7/8	8400078	113021				976078	
79	.0146	3/16	3/4	8400079	113013				976079	
80	.0135	3/16	3/4	9900080	113005				976080	

**JOBBERS LENGTH DRILLS -  
REPUBLIC DRILL**

SERIES 840: • FAST SPIRAL • COBALT  
• PARABOLIC • GOLD (TIN) COATED



Size	Dec. Equiv.	Flute Lgth.	Overall Lgth.	H.S.S. Fast Spiral		Cobalt		H.S.S. Parabolic		H.S.S. Gold (TIN) Ctd.	
				Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
1	.2280	2-5/8	3-7/8	121902		131593		969141		114792	
2	.2210	2-5/8	3-7/8	121903		131585		969142		114784	
3	.2130	2-1/2	3-3/4	121904		131577		969143		114776	
4	.2090	2-1/2	3-3/4	121905		131569		969144		114768	
5	.2055	2-1/2	3-3/4	121906		131551		969145		114750	
6	.2040	2-1/2	3-3/4	121907		131544		969146		114743	
7	.2010	2-7/16	3-5/8	121908		131536		969147		114735	
8	.1990	2-7/16	3-5/8	121909		131528		969148		114727	
9	.1960	2-7/16	3-5/8	121910		131510		969149		114719	
10	.1935	2-7/16	3-5/8	121911		131502		969150		114701	
11	.1910	2-5/16	3-1/2	121912		131494		969151		114693	
12	.1890	2-5/16	3-1/2	121913		131486		969152		114685	
13	.1850	2-5/16	3-1/2	121914		131478		969153		114677	
14	.1820	2-3/16	3-3/8	121915		131460		969154		114669	
15	.1800	2-3/16	3-3/8	121916		131452		969155		114651	
16	.1770	2-3/16	3-3/8	121917		131445		969156		114644	
17	.1730	2-3/16	3-3/8	121918		131437		969157		114636	
18	.1695	2-1/8	3-1/4	121919		131429		969158		114628	
19	.1660	2-1/8	3-1/4	121920		131411		969159		114610	
20	.1610	2-1/8	3-1/4	121921		131403		969160		114602	
21	.1590	2-1/8	3-1/4	121922		131395		969161		114594	
22	.1570	2	3-1/8	121923		131387		969162		114586	
23	.1540	2	3-1/8	121924		131379		969163		114578	
24	.1520	2	3-1/8	121925		131361		969164		114560	
25	.1495	1-7/8	3	121926		131353		969165		114552	
26	.1470	1-7/8	3	121927		131346		969166		114545	
27	.1440	1-7/8	3	121928		131338		969167		114537	
28	.1405	1-3/4	2-7/8	121929		131320		969168		114529	
29	.1360	1-3/4	2-7/8	121930		131312		969169		114511	
30	.1285	1-5/8	2-3/4	121931		131304		969170		114503	
31	.1200	1-5/8	2-3/4	121932		131296		969171		114495	
32	.1160	1-5/8	2-3/4	121933		131288		969172		114487	
33	.1130	1-1/2	2-5/8	121934		131270		969173		114479	
34	.1110	1-1/2	2-5/8	121935		131262		969174		114461	
35	.1100	1-1/2	2-5/8	121936		131254		969175		114453	
36	.1065	1-7/16	2-1/2	121937		131247		969176		114446	
37	.1040	1-7/16	2-1/2	121938		131239		969177		114438	
38	.1015	1-7/16	2-1/2	121939		131221		969178		114420	
39	.0995	1-3/8	2-3/8	121940		131213		969179		114412	
40	.0980	1-3/8	2-3/8	121941		131205		969180		114404	
41	.0960	1-3/8	2-3/8	121942		131197		969181		114396	
42	.0935	1-1/4	2-1/4	121943		131189		969182		114388	
43	.0890	1-1/4	2-1/4	121944		131171		969183		114370	
44	.0860	1-1/8	2-1/8	121945		131163		969184		114362	
45	.0820	1-1/8	2-1/8	121946		131155		969185		114354	
46	.0810	1-1/8	2-1/8	121947		131148		969186		114347	
47	.0785	1	2	121948		131130		969187		114339	
48	.0760	1	2	121949		131122		969188		114321	
49	.0730	1	2	121950		131114		969189		114313	
50	.0700	1	2	121951		138376		969190		114305	
51	.0670	1	2	121952		131098		969191		114297	
52	.0635	7/8	1-7/8	121953		131080		969192		114289	
53	.0595	7/8	1-7/8	121954		131072		-		114271	
54	.0550	7/8	1-7/8	121955		131064		-		114263	
55	.0521	7/8	1-7/8	121956		131056		-		114255	
56	.0465	3/4	1-3/4	121957		131049		-		114248	
57	.0430	3/4	1-3/4	121958		131037		-		114230	
58	.0420	11/16	1-5/8	121959		131035		-		114222	
59	.0410	11/16	1-5/8	121960		131033		-		114214	
60	.0400	11/16	1-5/8	121961		131003		-		114206	
61	.0390	11/16	1-5/8	121962		131002		-		114198	
62	.0380	5/8	1-1/2	121963		130995		-		114190	
63	.0370	5/8	1-1/2	121964		130987		-		114182	
64	.0360	5/8	1-1/2	121965		130979		-		114174	
65	.0350	5/8	1-1/2	121966		130971		-		114166	
66	.0330	1/2	1-3/8	121967		130963		-		114158	
67	.0320	1/2	1-3/8	121968		130955		-		114150	
68	.0310	1/2	1-3/8	121969		130947		-		114142	
69	.0292	1/2	1-3/8	121970		130939		-		114134	
70	.0280	3/8	1-1/4	121971		130931		-		114126	
71	.0260	3/8	1-1/4	121972		130923		-		114118	
72	.0250	5/16	1-1/8	121973		130915		-		114110	
73	.0240	5/16	1-1/8	121974		130907		-		114102	
74	.0225	1/4	1	121975		130898		-		114094	
75	.0210	1/4	1	121976		130891		-		114086	
76	.0200	3/16	7/8	121977		130883		-		114078	
77	.0180	3/16	7/8	121978		130875		-		114070	
78	.0160	3/16	7/8	121979		130867		-		9114062	
79	.0146	3/16	3/4	121980		130859		-		114054	
80	.0135	3/16	3/4	121981		130851		-		114046	





HIGH SPEED STEEL

**JOBBERS LENGTH DRILLS - REPUBLIC DRILL**

- SERIES 840: • BRIGHT • BLACK - 118° Point  
• HEAVY DUTY - 135° Split Point



Size	Flute Lgth	Overall Lgth	REPUBLIC DRILL				
			Black Oxide	Bright Finish	Price	Heavy Duty	
			Order No.	Order No.		Order No.	Price
A	2-5/8	3-7/8	116008	116403		119408	
B	2-3/4	4	116016	116411		119416	
C	2-3/4	4	116027	116429		119424	
D	2-3/4	4	116032	116437		119432	
E,1/4	2-3/4	4	116040	116469		119435	
F	2-7/8	4-1/8	116057	116452		119457	
G	2-7/8	4-1/8	116065	116460		119465	
H	2-7/8	4-1/8	116073	116478		119473	
I	2-7/8	4-1/8	116081	116486		119481	
J	2-7/8	4-1/8	116099	116494		119499	
K	2-15/16	4-1/4	116107	116502		119507	
L	2-15/16	4-1/4	116115	116510		119515	
M	3-1/16	4-3/8	116123	116528		119523	
N	3-1/16	4-3/8	116131	116536		119531	
O	3-3/16	4-1/2	116149	116544		119549	
P	3-5/16	4-5/8	116156	116551		119556	
Q	3-7/16	4-3/4	116164	116569		119564	
R	3-7/16	4-3/4	116172	116577		119572	
S	3-1/2	4-7/8	116180	116585		119580	
T	3-1/2	4-7/8	116198	116593		119598	
U	3-5/8	5	116206	116601		119606	
V	3-5/8	5	116214	116619		119614	
W	3-3/4	5-1/8	116222	116627		119622	
X	3-3/4	5-1/8	116230	116635		119630	
Y	3-7/8	5-1/4	116248	116643		119648	
Z	3-7/8	5-1/4	116255	116650		119655	

HIGH SPEED STEEL  
**JOBBERS LENGTH DRILLS SET**

26 Piece Set  
A — Z Letter Sizes  
in Metal Index



Description	Order No.	Price
<b>HIGH SPEED STEEL</b>		
Surface Treated 118° Point	174734	
Bright Finish 118° Point	174746	
Left Hand 118° Point	9761026	
<b>TITANIUM COATED</b>		
Gold Coated 118° Point	8460026	
<b>COBALT</b>		
Bronze 135° Point	8450626	

**JOBBERS LENGTH DRILLS - REPUBLIC DRILL**

- SERIES 840:  
• H.S.S. FAST SPIRAL • COBALT - 135° SPLIT POINT • H.S.S. PARABOLIC - 135° SPLIT POINT • H.S.S. GOLD (TIN) COATED



Size	Dec. Equiv.	Flute Lgth.	Overall Lgth.	H.S.S. Fast Spiral		Cobalt		H.S.S. Parabolic		H.S.S. Gold Ctd.	
				Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
A	.2340	2-5/8	3-7/8	121502		132005		969250		116409	
B	.2380	2-3/4	4	121503		132013		969251		116417	
C	.2420	2-3/4	4	121504		132021		969252		116425	
D	.2460	2-3/4	4	121505		132039		969253		116433	
E,1/4	.2500	2-3/4	4	121735		132041		245385		111152	
F	.2570	2-7/8	4-1/8	121507		132054		969255		116458	
G	.2610	2-7/8	4-1/8	121508		132062		969256		116466	
H	.2660	2-7/8	4-1/8	121509		132070		969257		116474	
I	.2720	2-7/8	4-1/8	121510		132088		969258		116482	
J	.2770	2-7/8	4-1/8	121511		132096		969259		116490	
K	.2810	2-15/16	4-1/4	121512		132104		969118		116508	
L	.2900	2-15/16	4-1/4	121513		132112		969260		116516	
M	.2950	3-1/16	4-3/8	121514		132120		969261		116524	
N	.3020	3-1/16	4-3/8	121515		132138		969262		116532	
O	.3160	3-3/16	4-1/2	121516		132146		969263		116540	
P	.3230	3-5/16	4-5/8	121517		132153		969264		116557	
Q	.3320	3-7/16	4-3/4	121518		132161		969265		116565	
R	.3390	3-7/16	4-3/4	121519		132179		969266		116573	
S	.3480	3-1/2	4-7/8	121520		132187		969267		116581	
T	.3580	3-1/2	4-7/8	121521		132195		969268		116599	
U	.3680	3-5/8	5	121522		132203		969269		116607	
V	.3770	3-5/8	5	121523		132211		969270		116615	
W	.3860	3-3/4	5-1/8	121524		132229		969271		116623	
X	.3970	3-3/4	5-1/8	121525		132237		969272		116631	
Y	.4040	3-7/8	5-1/4	121526		132245		969273		116649	
Z	.4130	3-7/8	5-1/4	121527		132252		969274		116656	

HIGH SPEED STEEL

**JOBBER'S LENGTH DRILLS - METRIC SIZES**

SERIES 28: SURFACE TREATED



Size mm	Overall Lgth mm	Order No.	Price	Size mm	Overall Lgth mm	Order No.	Price	Size mm	Overall Lgth mm	Order No.	Price
0.30	19	1400030		3.4	70	1400340		9.75	133	124799	
0.32	19	1400032		3.5	70	1400350		9.8	133	1400980	
0.35	19	1400035		3.55	70	1400355		9.9	133	1400990	
0.38	19	1400038		3.6	70	1400360		10.0	133	1400999	
0.40	20	1400040		3.7	70	1400370		10.1	133	1401010	
0.42	20	1400042		3.75	70	1400375		10.2	133	1401020	
0.45	20	1400045		3.8	75	1400380		10.25	133	1401025	
0.48	20	1400048		3.9	75	1400390		10.3	133	1401030	
0.50	22	1400050		4.0	75	1400400		10.4	133	1401040	
0.52	22	1400052		4.1	75	1400410		10.5	133	1401050	
0.55	24	1400055		4.2	75	1400420		10.6	133	1401060	
0.58	24	1400058		4.3	80	1400430		10.7	142	1401070	
0.60	24	1400060		4.4	80	1400440		10.8	142	1401080	
0.62	26	1400062		4.5	80	1400450		10.9	142	1401090	
0.65	26	1400065		4.6	80	1400460		11.0	142	1401100	
0.68	28	1400068		4.7	80	1400470		11.1	142	1401110	
0.70	28	1400070		4.8	86	1400480		11.2	142	1401120	
0.72	28	1400072		4.9	86	1400490		11.3	142	1401130	
0.75	28	1400075		5.0	86	1400500		11.4	142	1401140	
0.78	30	1400078		5.1	86	1400510		11.5	142	1401150	
0.80	30	1400080		5.2	86	1400520		11.6	142	1401160	
0.82	30	1400082		5.25	86	1400525		11.65	142	124864	
0.85	30	1400085		5.3	86	1400530		11.7	142	1401170	
0.88	32	1400088		5.4	93	1400540		11.8	142	1401180	
0.90	32	1400090		5.5	93	1400550		11.9	151	1401190	
0.92	32	1400092		5.6	93	1400560		12.0	151	1401200	
0.95	32	1400095		5.7	93	1400570		12.1	151	1401210	
0.98	34	1400098		5.8	93	1400580		12.2	151	1401220	
1.00	34	1400100		5.9	93	1400590		12.3	151	1401230	
1.05	34	1400105		6.0	93	1400600		12.4	151	1401240	
1.10	36	1400110		6.1	101	1400610		12.5	151	1401253	
1.15	36	1400115		6.2	101	1400620		12.6	151	1401260	
1.20	38	1400120		6.25	101	1400625		12.7	151	1401270	
1.25	38	1400125		6.3	101	1400630		12.75	151	124907	
1.30	38	1400130		6.4	101	1400640		12.8	151	1401280	
1.35	40	1400135		6.5	101	1400650		12.9	151	1401290	
1.40	40	1400140		6.6	101	1400660		13.0	151	1401300	
1.45	40	1400145		6.7	101	1400670		13.1	151	1401310	
1.50	40	1400150		6.75	109	124675		13.2	151	1401320	
1.55	43	1400155		6.8	109	1400680		13.3	160	1401330	
1.60	43	1400160		6.9	109	1400690		13.4	160	1401340	
1.65	43	1400165		7.0	109	1400700		13.5	160	1401350	
1.70	43	1400170		7.1	109	1400710		13.6	160	1401360	
1.75	46	1400175		7.2	109	1400720		13.7	160	1401370	
1.80	46	1400180		7.25	109	1400725		13.75	160	1401375	
1.85	46	1400185		7.3	109	1400730		13.8	160	1401380	
1.90	46	1400190		7.4	109	1400740		13.9	160	1401390	
1.95	49	1400195		7.5	109	1400750		14.0	150	1401400	
2.00	49	1400200		7.6	117	1400760		14.25	169	1401425	
2.1	49	1400210		7.7	117	1400770		14.5	169	1401450	
2.15	49	1400215		7.8	117	1400780		14.75	169	1401475	
2.2	53	1400220		7.9	117	1400790		15.0	169	1401500	
2.25	53	1400225		8.0	117	1400800		15.25	178	1401525	
2.3	53	1400230		8.1	117	1400810		15.5	178	1401550	
2.35	53	1400235		8.2	117	1400820		15.75	178	1401575	
2.4	57	1400240		8.25	117	1400825		16.0	178	1401600	
2.45	57	1400245		8.3	117	1400830		16.25	187	1401625	
2.5	57	1400250		8.4	117	1400840		16.5	187	1401650	
2.55	57	1400255		8.5	117	1400850		16.75	187	1401675	
2.6	57	1400260		8.6	125	1400860		17.0	187	1401700	
2.65	57	1400265		8.7	125	1400870		17.25	196	1401725	
2.7	61	1400270		8.8	125	1400880		17.5	196	1401750	
2.75	61	1400275		8.9	125	1400890		17.75	196	1401775	
2.8	61	1400280		9.0	125	1400900		18.0	196	1401800	
2.85	61	1400285		9.1	125	1400910		18.25	205	1401825	
2.9	61	1400290		9.2	125	1400920		18.5	205	1401850	
2.95	61	1400295		9.25	125	1400925		18.75	205	1401875	
3.0	61	1400300		9.3	125	1400930		19.0	205	1401900	
3.1	65	1400310		9.4	125	1400940		19.25	214	1401925	
3.15	65	1400315		9.5	125	1400950		19.5	214	1401950	
3.2	65	1400320		9.6	133	1400960		19.75	214	1401975	
3.3	65	1400330		9.7	133	1400970		20.0	214	1402000	





HIGH SPEED STEEL

**JOBBER'S LENGTH DRILLS - METRIC SIZES**

**REPUBLIC DRILL**

SERIES 948:



Other sizes available.  
See our website or inquire.

Cobalt & Heavy Duty Drills  
(135° Split Point)  
available.  
See our website or inquire.  
Range: 1.00 - 13.00 mm

Ground from the solid. 118° Point

Drill Size	Dec Equiv.	OAL (mm)	Flute Lgth. (mm)	Order No.	Price	Drill Size	Dec Equiv.	OAL (mm)	Flute Lgth. (mm)	Order No.	Price	Drill Size	Dec Equiv.	OAL (mm)	Flute Lgth. (mm)	Order No.	Price
0.35	.0138	19	3	117388		4.2	.1654	83	54	117907		10.3	.4055	133	98	8401030	
0.40	.0157	19	5	117389		4.3	.1693	83	54	117923		10.4	.4094	133	98	8401040	
0.45	.0177	22	5	117390		4.4	.1732	86	56	117931		10.5	.4134	133	98	118616	
0.50	.0197	22	5	117391		4.5	.1772	86	56	117949		10.8	.4252	140	103	118620	
0.55	.0217	25	6	117392		4.6	.1811	86	56	117956		11.0	.4331	140	103	118624	
0.60	.0236	29	8	117393		4.7	.1850	89	59	117964		11.2	.4409	143	106	118628	
0.65	.0256	32	10	117394		4.8	.1890	89	59	117980		11.5	.4528	143	106	118632	
0.70	.0276	32	10	117395		4.9	.1929	92	62	117998		11.8	.4646	146	110	118636	
0.75	.0295	35	13	117396		5.0	.1969	92	62	118004		12.0	.4724	149	111	118640	
0.80	.0315	35	13	117397		5.1	.2008	92	62	118012		12.2	.4803	149	111	118645	
0.85	.0335	38	16	117398		5.2	.2047	95	64	118020		12.5	.4921	152	114	118657	
0.90	.0354	38	16	117399		5.3	.2087	95	64	118046		12.8	.5039	152	114	118660	
0.95	.0374	38	16	117401		5.4	.2126	95	64	118053		13.0	.5118	152	114	118665	
1.00	.0394	41	17	117402		5.5	.2165	95	64	118061		13.5	.5315	168	122	118674	
1.05	.0413	41	17	117410		5.6	.2205	98	67	118079		13.8	.5433	168	122	118678	
1.10	.0433	44	19	117428		5.7	.2244	98	67	118103		14.0	.5512	168	122	118680	
1.15	.0453	44	19	117436		5.8	.2283	98	67	118111		14.5	.5709	168	122	118684	
1.20	.0472	48	22	117444		5.9	.2323	98	67	9118129		15.0	.5906	181	132	118688	
1.25	.0492	48	22	117451		6.0	.2362	102	70	118137		15.25	.6004	181	132	118690	
1.30	.0512	48	22	117469		6.1	.2402	102	70	118145		15.5	.6102	181	132	118692	
1.35	.0531	48	22	117477		6.2	.2441	102	70	118160		16.0	.6299	181	132	118696	
1.40	.0551	48	22	117485		6.3	.2480	102	70	118178		16.5	.6496	181	132	118700	
1.45	.0571	48	22	117493		6.4	.2520	105	73	118186		17.0	.6693	194	143	118704	
1.50	.0591	48	22	117501		6.5	.2559	105	73	118194		17.5	.6890	194	143	118708	
1.55	.0610	48	22	117519		6.6	.2598	105	73	118202		18.0	.7087	194	143	8401800	
1.60	.0630	48	22	117527		6.7	.2638	105	73	118228		19.0	.7480	194	143	8401900	
1.65	.0650	51	25	117535		6.8	.2677	105	73	118236		19.5	.7677	194	143	8401950	
1.70	.0669	51	25	117543		6.9	.2717	105	73	118244		20.0	.7874	194	143	9402000	
1.75	.0689	51	25	117550		7.0	.2756	105	73	118251							
1.80	.0709	51	25	117568		7.1	.2795	108	75	118269							
1.85	.0728	51	25	117576		7.2	.2835	108	75	118277							
1.90	.0748	51	25	117584		7.3	.2874	108	75	118285							
1.95	.0768	51	25	117592		7.4	.2913	111	78	118293							
2.00	.0787	51	25	117600		7.5	.2953	111	78	118301							
2.05	.0807	54	29	117618		7.6	.2992	111	78	118319							
2.10	.0827	54	29	117626		7.7	.3031	114	81	118327							
2.15	.0846	54	29	117634		7.8	.3071	114	81	118343							
2.20	.0866	57	32	117642		7.9	.3110	114	81	118350							
2.25	.0886	57	32	117659		8.0	.3150	114	81	118368							
2.30	.0906	57	32	117667		8.1	.3189	117	84	118376							
2.35	.0925	57	32	117675		8.2	.3228	117	84	118384							
2.40	.0945	60	35	117683		8.3	.3268	117	84	118400							
2.45	.0965	60	35	117691		8.4	.3307	121	87	118418							
2.50	.0984	60	35	117709		8.5	.3346	121	87	118426							
2.60	.1024	64	37	117717		8.6	.3386	121	87	118434							
2.70	.1063	64	37	117725		8.7	.3425	121	87	118442							
2.80	.1102	67	38	117741		8.8	.3465	124	89	118467							
2.90	.1142	70	41	117758		8.9	.3504	124	89	118475							
3.00	.1181	70	41	117766		9.0	.3543	124	89	118483							
3.10	.1220	70	41	117774		9.1	.3583	124	89	118491							
3.20	.1260	70	41	117782		9.2	.3622	127	92	118509							
3.30	.1299	73	45	117808		9.3	.3661	127	92	118525							
3.40	.1339	73	45	117816		9.4	.3701	127	92	118533							
3.50	.1378	73	45	117824		9.5	.3740	127	92	118541							
3.60	.1417	76	48	117832		9.6	.3780	130	95	118558							
3.70	.1457	76	48	117840		9.7	.3819	130	95	118566							
3.80	.1496	76	48	117865		9.8	.3858	130	95	118582							
3.90	.1535	79	51	117873		9.9	.3898	130	95	118590							
4.00	.1575	83	54	117881		10.0	.3937	130	95	118608							
4.10	.1614	83	54	117899		10.2	.4016	133	98	118610							

CUTTING TOOLS - DRILLS

**JOBBER LENGTH DRILL - SETS METRIC SIZES**  
SERIES 29:



HIGH SPEED STEEL			
Pcs.	Range	Order No.	Price
19	1.00 - 10.00mm x 5mm	5281110	
25	1.00 - 13.00mm x 5mm	5281113	
COBALT			
Pcs.	Range	Order No.	Price
19	1.00 - 10.00mm x 5mm	8451110	
25	1.00 - 13.00mm x 5mm	8451113	

HIGH SPEED STEEL / HARDENED AND GROUND

**DRILL BLANKS**

SERIES 507:



CUTTING TOOLS - DRILLS

Size	Dec Equiv.	OAL	Order No.	Price	Size	Dec Equiv.	OAL	Order No.	Price	Size	Dec Equiv.	OAL	Order No.	Price
<b>WIRE GAUGE SIZES</b>					<b>FRACTIONAL SIZES</b>									
1	.2280	3-7/8	1046001		62	.0380	1-1/2	1046062		3/64	.0469	1-3/4	1051003	
2	.2210	3-7/8	1046002		63	.0370	1-1/2	1046063		1/16	.0625	1-7/8	1051004	
3	.2130	3-3/4	1046003		64	.0360	1-1/2	1046064		5/64	.0781	2	1051005	
4	.2090	3-3/4	1046004		65	.0350	1-1/2	1046065		3/32	.0938	2-1/2	1051006	
5	.2055	3-3/4	1046005		66	.0330	1-3/8	1046066		7/64	.1094	2-5/8	1051007	
6	.2040	3-3/4	1046006		67	.0320	1-3/8	1046067		1/8	.1250	2-3/4	1051008	
7	.2010	3-5/8	1046007		68	.0310	1-3/8	1046068		9/64	.1406	2-7/8	1051009	
8	.1990	3-5/8	1046008		69	.0292	1-3/8	1046069		5/32	.1562	3-1/8	1051010	
9	.1960	3-5/8	1046009		70	.0280	1-1/4	1046070		11/64	.1719	3-1/4	1051011	
10	.1935	3-5/8	1046010		71	.0260	1-1/4	1046071		3/16	.1875	3-1/2	1051012	
11	.1910	3-1/2	1046011		72	.0250	1-1/8	1046072		13/64	.2031	3-5/8	1051013	
12	.1890	3-1/2	1046012		73	.0240	1-1/8	1046073		7/32	.2188	3-3/4	1051014	
13	.1850	3-1/2	1046013		74	.0225	1	1046074		15/64	.2344	3-7/8	1051015	
14	.1820	3-3/8	1046014		75	.0210	1	1046075		1/4	.2500	4	1051016	
15	.1800	3-3/8	1046015		76	.0200	7/8	1046076		17/64	.2656	4-1/8	1051017	
16	.1770	3-3/8	1046016		77	.0180	7/8	1046077		9/32	.2812	4-1/4	1051018	
17	.1730	3-3/8	1046017		78	.0160	7/8	1046078		19/64	.2969	4-3/8	1051019	
18	.1695	3-1/4	1046018		79	.0145	3/4	1046079		5/16	.3125	4-1/2	1051020	
19	.1660	3-1/4	1046019		80	.0135	3/4	1046080		21/64	.3281	4-5/8	1051021	
20	.1610	3-1/4	1046020		<p style="text-align: center;"><b>For DRILL BLANK SETS</b></p> <p style="text-align: center;"><b>See Page 54</b></p>					11/32	.3438	4-3/4	1051022	
21	.1590	3-1/4	1046021							23/64	.3594	4-7/8	1051023	
22	.1570	3-1/8	1046022							3/8	.3750	5	1051049	
23	.1540	3-1/8	1046023							25/64	.3906	5-1/8	1051025	
24	.1520	3-1/8	1046024							13/32	.4062	5-1/4	1051026	
25	.1495	3	1046025							27/64	.4219	5-3/8	1051027	
26	.1470	3	1046026							7/16	.4375	5-1/2	1051028	
27	.1440	2-7/8	1046027							29/64	.4531	5-5/8	1051029	
28	.1405	2-7/8	1046028							15/32	.4688	5-3/4	1051030	
29	.1360	2-7/8	1046029							31/64	.4844	5-7/8	1051031	
30	.1285	2-3/4	1046030		1/2	.5000	6	1051050						
31	.1200	2-3/4	1046031		33/64	.5156	6	1051033						
32	.1160	2-3/4	1046032		17/32	.5312	6	1051034						
33	.1130	2-5/8	1046033		35/64	.5469	6	1051035						
34	.1110	2-5/8	1046034		9/16	.5625	6	1051036						
35	.1100	2-5/8	1046035		37/64	.5781	6	1051037						
36	.1065	2-1/2	1046036		19/32	.5938	6	1051038						
37	.1040	2-1/2	1046037		39/64	.6094	6	1051039						
38	.1015	2-1/2	1046038		5/8	.6250	6	1051040						
39	.0995	2-3/8	1046039		41/64	.6406	6	1051041						
40	.0980	2-3/8	1046040		21/32	.6562	6	1051042						
41	.0960	2-3/8	1046041		43/64	.6719	6	1051043						
42	.0935	2-1/4	1046042		11/16	.6875	6	1051044						
43	.0890	2-1/4	1046043		G	.2610	4-1/8	1056007						
44	.0860	2-1/8	1046044		H	.2660	4-1/8	1056008						
45	.0820	2-1/8	1046045		I	.2720	4-1/8	1056009						
46	.0810	2-1/8	1046046		J	.2770	4-1/8	1056010						
47	.0785	2	1046047		K	.2810	4-1/4	1056011						
48	.0760	2	1046048		L	.2900	4-1/4	1056012						
49	.0730	2	1046049		M	.2950	4-3/8	1056013						
50	.0700	2	1046050		N	.3020	4-3/8	1056014						
51	.0670	2	1046051		O	.3160	4-1/2	1056015						
52	.0635	1-7/8	1046052		P	.3230	4-5/8	1056016						
53	.0595	1-7/8	1046053		Q	.3320	4-3/4	1056017						
54	.0550	1-7/8	1046054		R	.3390	4-3/4	1056018						
55	.0520	1-7/8	1046055		S	.3480	4-7/8	1056019						
56	.0465	1-3/4	1046056		T	.3580	4-7/8	1056020						
57	.0430	1-3/4	1046057		U	.3680	5	1056021						
58	.0420	1-5/8	1046058		V	.3770	5	1056022						
59	.0410	1-5/8	1046059		W	.3860	5-1/8	1056023						
60	.0400	1-5/8	1046060		X	.3970	5-1/8	1056024						
61	.0390	1-5/8	1046061		Y	.4040	5-1/4	1056025						
					Z	.4130	5-1/4	1056026						



**JOBBER LENGTH DRILL AND REAMER BLANKS**

SERIES 977:



**Precision Ground Blanks  
for unlimited uses**

Specifically made as blanks for precision drills and reamers, Republic blanks have been used for many purposes. Over the years, Republic H.S.S blanks have been used as shafts, arbors, guide rods, rollers, gages, alignment pins, punches, knockout pins, as well as for stock in the manufacturing of specialty tools and instruments. With tight dimensional tolerances, Republic drill & reamer blanks are perfect for any project needing, precise finished ground stock.

**Inch - Fractional Sizes**

Size	Decimal	Overall Length	Order No. Drill Blanks	Order No. Reamer Blanks	Price
1/64"	.0156"	3/4"	0110156	0210156	
1/32"	.0312"	1-3/8"	0110312	0210312	
3/64"	.0469"	1-3/4"	0110469	0210469	
1/16"	.0625"	1-7/8"	0110625	0210625	
5/64"	.0781"	2"	0110781	0210781	
3/32"	.0937"	2-1/4"	0110937	0210937	
7/64"	.1094"	2-5/8"	0111094	0211094	
1/8"	.1250"	2-3/4"	9111250	9211250	
9/64"	.1406"	2-7/8"	0111406	0211406	
5/32"	.1562"	3-1/8"	0111562	0211562	
11/64"	.1719"	3-1/4"	0111719	0211719	
3/16"	.1875"	3-1/2"	0111875	0211875	
13/64"	.2031"	3-5/8"	0112031	0212031	
7/32"	.2187"	3-3/4"	0112187	0212187	
15/64"	.2344"	3-7/8"	0112344	0212344	
1/4"	.2500"	4"	0112500	0212500	
17/64"	.2656"	4-1/8"	0112656	0212656	
9/32"	.2812"	4-1/4"	0112812	0212812	
19/64"	.2969"	4-3/8"	0112969	0212969	
5/16"	.3125"	4-1/2"	0113125	0213125	
21/64"	.3281"	4-5/8"	0113281	0213281	
11/32"	.3438"	4-3/4"	0113438	0213438	
23/64"	.3594"	4-7/8"	0113594	0213594	
3/8"	.3750"	5"	0113750	0213750	
25/64"	.3906"	5-1/8"	0113906	0213906	
13/32"	.4062"	5-1/4"	0114062	0214062	
27/64"	.4219"	5-3/8"	0114219	0214219	
7/16"	.4375"	5-1/2"	0114375	0214375	
29/64"	.4531"	5-5/8"	9114531	0214531	
15/32"	.4688"	5-3/4"	0114688	0214688	
31/64"	.4844"	5-7/8"	0114844	0214844	
1/2"	.5000"	6"	0115000	0215000	
33/64"	.5156"	6"	0115156	0215156	
17/32"	.5312"	6"	0115312	0215312	
35/64"	.5469"	6"	0115469	0215469	
9/16"	.5625"	6"	0115625	0215625	
37/64"	.5781"	6"	0115781	0215781	
19/32"	.5937"	6"	0115937	0215937	
39/64"	.6094"	6"	0116094	0216094	
5/8"	.6250"	6"	0116250	0216250	
41/64"	.6406"	6"	0116406	0216406	

- **Drill Blank Tolerances:**  
Up to .5000" (-.0002" or -.005mm)  
from .5001" to .6250" (-.0003" or -.008mm)  
from .6251" to 1.0000" (-.0005" or -.013mm)
- **Reamer Blank tolerances:**  
Up to .5000" (+.0002" or +.005mm)  
from .5001" to .6250" (+.0003" or +.008mm)  
from .6251" to 1.0000" (+.0005" or +.013mm)
- **Inch & Metric diameter sizes**
- **High Speed tool steel; 62/64 Rc**
- **Jobber lengths**
- **within .001" straight**
- **marked with size**

Size	Decimal	Overall Length	Order No. Drill Blanks	Order No. Reamer Blanks	Price
21/32"	.6562"	6"	0116562	0216562	
43/64"	.6719"	6"	0116719	0216719	
11/16"	.6875"	6"	0116875	0216875	
45/64"	.7031"	6"	0117031	0217031	
23/32"	.7187"	6"	0117187	0217187	
47/64"	.7344"	6"	0117344	0217344	
3/4"	.7500"	6"	0117500	0217500	
49/64"	.7656"	6"	0117656	0217656	
25/32"	.7812"	6"	0117812	0217812	
51/64"	.7969"	6"	0117969	0217969	
13/16"	.8125"	6"	9118125	0218125	
53/64"	.8281"	6"	0118281	0218281	
27/32"	.8437"	6"	0118430	0218437	
55/64"	.8594"	6"	0118594	0218594	
7/8"	.8750"	6"	0118750	0218750	
57/64"	.8906"	6"	0118906	0218906	
29/32"	.9062"	6"	0119062	0219062	
59/64"	.9219"	6"	0119219	0219219	
15/16"	.9375"	6"	0119375	0219375	
61/64"	.9531"	6"	9119531	0219531	
31/32"	.9688"	6"	0119688	0219688	
63/64"	.9844"	6"	0119844	0219844	
1"	1.0000"	6"	0110000	0210000	

CUTTING TOOLS - DRILLS





**JOBBERS LENGTH DRILL AND REAMER BLANKS**  
SERIES 977:



**Inch - Numbers Sizes**

Size	Decimal	Overall Length	Order No. Drill Blanks	Order No. Reamer Blanks	Price
#97	.0059"	3/4"	0130059	0230059	PRICE ON APPLICATION
#96	.0063"	3/4"	0130063	0230063	
#95	.0067"	3/4"	0130067	0230067	
#94	.0071"	3/4"	0130071	0230071	
#93	.0075"	3/4"	0130075	0230075	
#92	.0079"	3/4"	0130079	0230079	
#91	.0083"	3/4"	0130083	0230083	
#90	.0087"	3/4"	0130087	0230087	
#89	.0091"	3/4"	0130091	0230091	
#88	.0095"	3/4"	0130095	0230095	
#87	.0100"	3/4"	0130100	9230100	
#86	.0105"	3/4"	0130105	0230105	
#85	.0110"	3/4"	0130110	9230110	
#84	.0115"	3/4"	0130115	9230115	
#83	.0120"	3/4"	0130120	9230120	
#82	.0125"	3/4"	0130125	9230125	
#81	.0130"	3/4"	0130130	9230130	
#80	.0135"	3/4"	0130135	0230135	
#79	.0145"	3/4"	0130145	0230145	
#78	.0160"	7/8"	0130160	0230160	
#77	.0180"	7/8"	0130180	0230180	
#76	.0200"	7/8"	0130200	0230200	
#75	.0210"	1"	0130210	0230210	
#74	.0225"	1"	0130225	0230225	
#73	.0240"	1-1/8"	0130240	0230240	
#72	.0250"	1-1/8"	0130250	0230250	
#71	.0260"	1-1/4"	0130260	0230260	
#70	.0280"	1-1/4"	0130280	0230280	
#69	.0292"	1-3/8"	0130292	0230292	
#68	.0310"	1-3/8"	0130310	0230310	
#67	.0320"	1-3/8"	0130320	0230320	
#66	.0330"	1-3/8"	0130330	0230330	
#65	.0350"	1-1/2"	0130350	0230350	
#64	.0360"	1-1/2"	0130360	0230360	
#63	.0370"	1-1/2"	0130370	0230370	
#62	.0380"	1-1/2"	0130380	0230380	
#61	.0390"	1-5/8"	0130390	0230390	
#60	.0400"	1-5/8"	0130400	9230400	
#59	.0410"	1-5/8"	0130410	0230410	
#58	.0420"	1-5/8"	0130420	0230420	
#57	.0430"	1-3/4"	0130430	0230430	
#56	.0465"	1-3/4"	0130465	0230465	
#55	.0520"	1-7/8"	0130520	0230520	
#54	.0550"	1-7/8"	0130550	0230550	
#53	.0595"	1-7/8"	0130595	0230595	
#52	.0635"	1-7/8"	0130635	0230635	
#51	.0670"	2"	0130670	0230670	
#50	.0700"	2"	0130700	0230700	
#49	.0730"	2"	0130730	0230730	
#48	.0760"	2"	0130760	0230760	
#47	.0785"	2"	9130785	0230785	
#46	.0810"	2-1/8"	0130810	0230810	
#45	.0820"	2-1/8"	0130820	0230820	
#44	.0860"	2-1/8"	0130860	0230860	
#43	.0890"	2-1/4"	0130890	0230890	
#42	.0935"	2-1/4"	0130935	0230935	
#41	.0960"	2-3/8"	0130960	0230960	
#40	.0980"	2-3/8"	0130980	0230980	
#39	.0995"	2-3/8"	9130995	0230995	
#38	.1015"	2-1/2"	0131015	0231015	
#37	.1040"	2-1/2"	0131040	0231040	
#36	.1065"	2-1/2"	0131065	0231065	
#35	.1100"	2-5/8"	0131100	0231100	
#34	.1110"	2-5/8"	0131110	0231110	
#33	.1130"	2-5/8"	9131130	0231130	
#32	.1160"	2-3/4"	0131160	0231160	

**Inch - Numbers Sizes (Continued)**

Size	Decimal	Overall Length	Order No. Drill Blanks	Order No. Reamer Blanks	Price
#31	.1200"	2-3/4"	0131200	0231200	
#30	.1285"	2-3/4"	0131285	0231285	
#29	.1360"	2-7/8"	0131360	0231360	
#28	.1405"	2-7/8"	0131405	0231405	
#27	.1440"	3"	0131440	0231440	
#26	.1470"	3"	0131470	0231470	
#25	.1495"	3"	0131495	0231495	
#24	.1520"	3-1/8"	0131520	0231520	
#23	.1540"	3-1/8"	0131540	0231540	
#22	.1570"	3-1/8"	0131570	0231570	
#21	.1590"	3-1/4"	0131590	0231590	
#20	.1610"	3-1/4"	0131610	0231610	
#19	.1660"	3-1/4"	0131660	0231660	
#18	.1695"	3-1/4"	0131695	0231695	
#17	.1730"	3-3/8"	0131730	0231730	
#16	.1770"	3-3/8"	0131770	0231770	
#15	.1800"	3-3/8"	0131800	0231800	
#14	.1820"	3-3/8"	0131820	0231820	
#13	.1850"	3-1/2"	0131850	0231850	
#12	.1890"	3-1/2"	0131890	0231890	
#11	.1910"	3-1/2"	0131910	0231910	
#10	.1935"	3-5/8"	0131935	0231935	
#9	.1960"	3-5/8"	0131960	0231960	
#8	.1990"	3-5/8"	0131990	0231990	
#7	.2010"	3-5/8"	0132010	0232010	
#6	.2040"	3-3/4"	0132040	0232040	
#5	.2055"	3-3/4"	0132055	0232055	
#4	.2090"	3-3/4"	0132090	0232090	
#3	.2130"	3-3/4"	0132130	0232130	
#2	.2210"	3-7/8"	0132210	0232210	
#1	.2280"	3-7/8"	0132280	0232280	

**Inch - Letters**

Size	Decimal	Overall Length	Order No. Drill Blanks	Order No. Reamer Blanks	Price
A	.2340"	3-7/8"	0122340	0222340	
B	.2380"	4"	0122380	0222380	
C	.2420"	4"	0122420	0222420	
D	.2460"	4"	0122460	0222460	
E	.2500"	4"	0122500	0222500	
F	.2570"	4-1/8"	0122570	0222570	
G	.2610"	4-1/8"	0122610	0222610	
H	.2660"	4-1/8"	0122660	0222660	
I	.2720"	4-1/8"	0122720	0222720	
J	.2770"	4-1/8"	0122770	0222770	
K	.2810"	4-1/4"	0122810	0222810	
L	.2900"	4-1/4"	0122900	0222900	
M	.2950"	4-3/8"	0122950	0222950	
N	.3020"	4-3/8"	0123020	0223020	
O	.3160"	4-1/2"	0123160	0223160	
P	.3230"	4-5/8"	0123230	0223230	
Q	.3320"	4-3/4"	0123320	0223320	
R	.3390"	4-3/4"	0123390	0223390	
S	.3480"	4-7/8"	0123480	0223480	
T	.3580"	4-7/8"	0123580	0223580	
U	.3680"	5"	0123680	0223680	
V	.3770"	5"	0123770	0223770	
W	.3860"	5-1/8"	0123860	0223860	
X	.3970"	5-1/8"	0123970	0223970	
Y	.4040"	5-1/4"	0124040	0224040	
Z	.4130"	5-1/4"	0124130	0224130	

**JOBBERS LENGTH DRILL BLANKS - METRIC SIZES**

SERIES 977:



Size	Decimal	Overall Length	Order No. Drill Blanks	Price
1.00mm	.0394"	1-5/8"	0140100	
1.05mm	.0413"	1-5/8"	0140105	
1.10mm	.0433"	1-3/4"	0140110	
1.15mm	.0453"	1-3/4"	0140115	
1.20mm	.0472"	1-7/8"	0140120	
1.25mm	.0492"	1-7/8"	0140125	
1.30mm	.0512"	1-7/8"	0140130	
1.40mm	.0551"	1-7/8"	0140140	
1.45mm	.0571"	1-7/8"	0140145	
1.50mm	.0590"	1-7/8"	0140150	
1.55mm	.0610"	1-7/8"	0140155	
1.60mm	.0630"	1-7/8"	0140160	
1.65mm	.0650"	2"	0140165	
1.70mm	.0669"	2"	0140170	
1.75mm	.0689"	2"	0140175	
1.80mm	.0709"	2"	0140180	
1.85mm	.0728"	2"	0140185	
1.90mm	.0748"	2"	0140190	
1.95mm	.0768"	2"	0140195	
2.00mm	.0787"	2-1/8"	0140200	
2.05mm	.0807"	2-1/8"	0140205	
2.10mm	.0827"	2-1/8"	0140210	
2.15mm	.0846"	2-1/8"	0140215	
2.20mm	.0866"	2-1/4"	0140220	
2.25mm	.0886"	2-1/4"	0140225	
2.30mm	.0905"	2-1/4"	0140230	
2.35mm	.0925"	2-1/4"	0140235	
2.40mm	.0945"	2-3/8"	0140240	
2.45mm	.0964"	2-3/8"	0140245	
2.50mm	.0984"	2-3/8"	0140250	
2.55mm	.1004"	2-1/2"	0140255	
2.60mm	.1024"	2-1/2"	0140260	
2.65mm	.1043"	2-1/2"	0140265	
2.70mm	.1063"	2-1/2"	0140270	
2.75mm	.1083"	2-5/8"	0140275	
2.80mm	.1102"	2-5/8"	0140280	
2.85mm	.1122"	2-5/8"	0140285	
2.90mm	.1142"	2-3/4"	0140290	
2.95mm	.1161"	2-3/4"	0140295	
3.00mm	.1181"	2-3/4"	9140300	
3.05mm	.1201"	2-3/4"	0140305	
3.10mm	.1220"	2-3/4"	0140310	
3.15mm	.1240"	2-3/4"	0140315	
3.20mm	.1260"	2-3/4"	0140320	
3.25mm	.1279"	2-3/4"	0140325	
3.30mm	.1299"	2-7/8"	0140330	
3.35mm	.1319"	2-7/8"	0140335	
3.40mm	.1338"	2-7/8"	0140340	
3.45mm	.1358"	2-7/8"	0140345	
3.50mm	.1378"	2-7/8"	0140350	
3.55mm	.1398"	2-7/8"	0140355	
3.60mm	.1417"	3"	0140360	
3.65mm	.1437"	3"	0140365	
3.70mm	.1457"	3"	0140370	
3.75mm	.1476"	3"	0140375	
3.80mm	.1496"	3-1/8"	0140380	
3.85mm	.1516"	3-1/8"	0140385	
3.90mm	.1535"	3-1/8"	0140390	
3.95mm	.1555"	3-1/8"	0140395	
4.00mm	.1575"	3-1/4"	0140400	
4.05mm	.1594"	3-1/4"	0140405	
4.10mm	.1614"	3-1/4"	9940410	
4.15mm	.1634"	3-1/4"	0140415	
4.20mm	.1653"	3-1/4"	0140420	
4.25mm	.1673"	3-1/4"	0140425	
4.30mm	.1693"	3-1/4"	0140430	
4.35mm	.1712"	3-3/8"	0140435	



Size	Decimal	Overall Length	Order No. Drill Blanks	Price
4.40mm	.1732"	3-3/8"	0140440	
4.45mm	.1752"	3-3/8"	0140445	
4.50mm	.1772"	3-3/8"	0140450	
4.55mm	.1791"	3-3/8"	0140455	
4.60mm	.1811"	3-3/8"	0140460	
4.65mm	.1831"	3-1/2"	0140465	
4.70mm	.1850"	3-1/2"	0140470	
4.75mm	.1870"	3-1/2"	0140475	
4.80mm	.1890"	3-1/2"	0140480	
4.85mm	.1909"	3-1/2"	0140485	
4.90mm	.1929"	3-5/8"	0140490	
4.95mm	.1949"	3-5/8"	0140495	
5.00mm	.1968"	3-5/8"	0140500	
5.05mm	.1988"	3-5/8"	0140505	
5.10mm	.2008"	3-5/8"	9040510	
5.15mm	.2027"	3-3/4"	0140515	
5.20mm	.2047"	3-3/4"	0140520	
5.25mm	.2067"	3-3/4"	0140525	
5.30mm	.2087"	3-3/4"	0140530	
5.35mm	.2106"	3-3/4"	0140535	
5.40mm	.2126"	3-3/4"	0140540	
5.45mm	.2146"	3-7/8"	0140545	
5.50mm	.2165"	3-7/8"	0140550	
5.55mm	.2185"	3-7/8"	0140555	
5.60mm	.2205"	3-7/8"	0140560	
5.65mm	.2224"	3-7/8"	0140565	
5.70mm	.2244"	3-7/8"	0140570	
5.75mm	.2264"	3-7/8"	0140575	
5.80mm	.2283"	3-7/8"	0140580	
5.85mm	.2303"	3-7/8"	0140585	
5.90mm	.2323"	3-7/8"	0140590	
5.95mm	.2342"	3-7/8"	0140595	
6.00mm	.2362"	4"	0140600	
6.05mm	.2382"	4"	0140605	
6.10mm	.2401"	4"	0140610	
6.15mm	.2421"	4"	0140615	
6.20mm	.2441"	4"	0140620	
6.25mm	.2461"	4"	0140625	
6.30mm	.2480"	4"	0140630	
6.40mm	.2520"	4-1/8"	0140640	
6.50mm	.2559"	4-1/8"	0140650	
6.60mm	.2598"	4-1/8"	0140660	
6.70mm	.2638"	4-1/8"	0140670	
6.80mm	.2677"	4-1/8"	0140680	
6.90mm	.2716"	4-1/8"	0140690	
7.00mm	.2756"	4-1/8"	0140700	
7.10mm	.2795"	4-1/4"	0140710	
7.20mm	.2835"	4-1/4"	0140720	
7.30mm	.2874"	4-1/4"	0140730	
7.40mm	.2913"	4-3/8"	0140740	
7.50mm	.2953"	4-3/8"	0140750	
7.60mm	.2992"	4-3/8"	0140760	
7.70mm	.3031"	4-1/2"	0140770	
7.80mm	.3071"	4-1/2"	0140780	
7.90mm	.3110"	4-1/2"	0140790	
8.00mm	.3150"	4-1/2"	9140800	
8.10mm	.3189"	4-5/8"	0140810	
8.20mm	.3228"	4-5/8"	0140820	
8.30mm	.3268"	4-5/8"	0140830	
8.40mm	.3307"	4-3/4"	0140840	
8.50mm	.3346"	4-3/4"	0140850	
8.60mm	.3386"	4-3/4"	0140860	
8.70mm	.3425"	4-3/4"	0140870	
8.80mm	.3464"	4-7/8"	0140880	
8.90mm	.3504"	4-7/8"	0140890	
9.00mm	.3543"	4-7/8"	0140900	
9.10mm	.3583"	4-7/8"	0140910	

(Continued)

CUTTING TOOLS - DRILLS

**JOBBER LENGTH DRILL BLANKS - METRIC SIZES (Continued)**

SERIES 977:



Size	Decimal	Overall Length	Order No. Drill Blanks	Price
9.20mm	.3655"	5"	0140920	
9.30mm	.3661"	5"	0140930	
9.40mm	.3701"	5"	0140940	
9.50mm	.3740"	5"	0140950	
9.60mm	.3779"	5-1/8"	0140960	
9.70mm	.3819"	5-1/8"	0140970	
9.80mm	.3858"	5-1/8"	0140980	
9.90mm	.3898"	5-1/8"	0140990	
10.00mm	.3937"	5-1/8"	0141000	
10.10mm	.3976"	5-1/4"	9141010	
10.20mm	.4016"	5-1/4"	0141020	
10.30mm	.4055"	5-1/4"	0141030	
10.40mm	.4094"	5-1/4"	0141040	
10.50mm	.4134"	5-3/8"	0141050	
10.60mm	.4173"	5-3/8"	0141060	
10.70mm	.4212"	5-3/8"	0141070	
10.80mm	.4252"	5-1/2"	0141080	
10.90mm	.4291"	5-1/2"	9141090	
11.00mm	.4331"	5-1/2"	0141100	
11.10mm	.4370"	5-1/2"	0141110	
11.20mm	.4409"	5-5/8"	0141120	
11.30mm	.4449"	5-5/8"	0141130	
11.40mm	.4488"	5-5/8"	0141140	
11.50mm	.4527"	5-5/8"	0141150	
11.60mm	.4567"	5-3/4"	0141160	
11.70mm	.4606"	5-3/4"	0141170	
11.80mm	.4646"	5-3/4"	0141180	
11.90mm	.4685"	5-3/4"	9141190	
12.00mm	.4724"	5-7/8"	0141200	
12.10mm	.4764"	5-7/8"	0141210	
12.20mm	.4803"	5-7/8"	0141220	
12.30mm	.4842"	5-7/8"	0141230	
12.40mm	.4882"	5-7/8"	0141240	
12.50mm	.4921"	6"	0141250	
12.60mm	.4961"	6"	0141260	
12.70mm	.5000"	6"	0141270	
12.80mm	.5039"	6"	0141280	
12.90mm	.5079"	6"	0141290	
13.00mm	.5118"	6"	0141300	
13.50mm	.5315"	6"	0141350	
14.00mm	.5512"	6"	0141400	
14.50mm	.5709"	6"	0141450	
15.00mm	.5906"	6"	0141500	
15.50mm	.6102"	6"	0141550	
16.00mm	.6299"	6"	0141600	
16.50mm	.6496"	6"	0141650	
17.00mm	.6693"	6"	0141700	
17.50mm	.6890"	6"	0141750	
18.00mm	.7087"	6"	0141800	
18.50mm	.7283"	6"	0141850	
19.00mm	.7480"	6"	0141900	
19.50mm	.7677"	6"	0141950	
20.00mm	.7874"	6"	0142000	
20.50mm	.8071"	6"	0142050	
21.00mm	.8268"	6"	0142100	
21.50mm	.8465"	6"	0142150	
22.00mm	.8661"	6"	0142200	
22.50mm	.8858"	6"	0142250	
23.00mm	.9055"	6"	0142300	
23.50mm	.9252"	6"	0142350	
24.00mm	.9449"	6"	0142400	
24.50mm	.9646"	6"	0142450	
25.00mm	.9843"	6"	0142500	
25.40mm	1.0000"	6"	0142540	

**SCREW MACHINE (STUB) LENGTH DRILLS**

SERIES 40: HIGH SPEED STEEL



SERIES 540: COBALT STEEL - 135° Split Point



Size	Flute Length	Overall Length	H.S.S.		Cobalt	
			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 STEEL

**SCREW MACHINE (STUB) LENGTH DRILLS**

SERIES 205:



135° Split Point

Size	Flute Length	Overall Length	H.S.S.*		Cobalt	
			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	

\* Oxide Finish

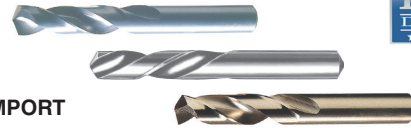


**SCREW MACHINE (STUB) LENGTH DRILLS**

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

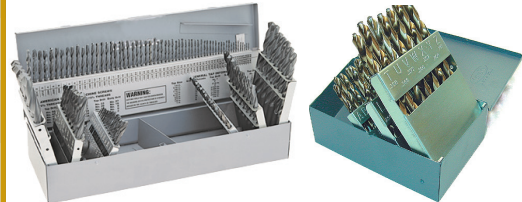
SERIES 850: HIGH SPEED STEEL - LEFT HAND REPUBLIC DRILL USA

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



Size	Flute Lgth	OAL	MEDA HSS/Right Hand		REPUBLIC HSS/Left Hand		MEDA COBALT/Right Hand	
			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			
25/32	3-1/4	5-1/8	1085050		8500050			
51/64	3-3/8	5-1/4	1085051		8500051			
13/16	3-3/8	5-1/4	1085052		8500052			
53/64	3-1/2	5-3/8	1085053		8500053			
27/32	3-1/2	5-3/8	1085054		8500054			
55/64	3-1/2	5-1/2	1085055		8500055			
7/8	3-1/2	5-1/2	1085056		8500056			
57/64	3-5/8	5-5/8	1085057		8500057			
29/32	3-5/8	5-5/8	1085058		8500058			
59/64	3-3/4	5-3/4	1085059		8500059			
15/16	3-3/4	5-3/4	1085060		8500060			
61/64	3-7/8	5-7/8	1085061		8500061			
31/32	3-7/8	5-7/8	1085062		8500062			
63/64	4	6	1085063		8500063			
1	4	6	1085064		8500064			
1-1/16	4	6-1/4	1085068		8500068			
1-1/8	4	6-3/8	1085072		8500072			
1-3/16	4-1/4	6-5/8	1085076		8500076			
1-1/4	4-3/8	6-3/4	1085080		8500080			
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					

HIGH SPEED STEEL & COBALT STEEL  
**SCREW MACHINE (STUB) LENGTH DRILL SETS**  
SERIES 29:



Set Description	Pcs	Order No.	Price H.S.S.
#1 thru #60	60	0291160	
1/16" thru 1/2" by 64ths	29	0291432	
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</b>			
#1 thru #60	60	0295160	
1/16" thru 1/2" by 64ths	29	0540432	
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	

HIGH SPEED STEEL & COBALT STEEL  
**SCREW MACHINE (STUB) LENGTH DRILL SETS**  
SERIES 29:  
135° Split Point



Set Description	Pcs	Order No.	Price H.S.S.
#1 thru #60	60	2050160	
1/16" thru 1/2" by 64ths	29	2051432	
A thru Z	26	2052026	
Combination (inch) - #1 - #60, 1/16" thru 1/2" by 64ths, A thru Z (All in one case)	115	9050115	
<b>COBALT</b>			
#1 thru #60	60	2053160	
1/16" thru 1/2" by 64ths	29	2054432	
A thru Z	26	2055026	
Combination (inch) - #1 - #60, 1/16" thru 1/2" by 64ths, A thru Z (All in one case)	115	2053115	

Cobalt sizes 49/64 thru 1" x 64ths now available. See our website or inquire.

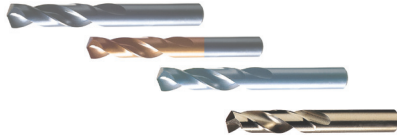
HSS RH sizes 2 thru 2-1/2" x 16ths now available. See our website or inquire.

CUTTING TOOLS - DRILLS



**SCREW MACHINE (STUB) LENGTH DRILLS**

**REPUBLIC DRILL 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.

CUTTING TOOLS - DRILLS

Size	Flute Lgth.	Overall Lgth.	H.S.S. Bright Finish		H.S.S. Bright Finish Gold (TIN) Ctd.		H.S.S. Black Oxide		Cobalt	
			Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
3/64	1/2	1-3/8	136402		710103		9911103		9712103	
1/16	5/8	1-5/8	136410		136416		135602		935001	
5/64	11/16	1-11/16	136428		136424		135603		935002	
3/32	3/4	1-3/4	136436		136432		135604		935003	
7/64	13/16	1-13/16	136444		136440		135605		935004	
1/8	7/8	1-7/8	136451		136457		135606		935005	
9/64	15/16	1-15/16	136469		136465		135607		935006	
5/32	1	2-1/16	136477		136473		135608		935007	
11/64	1-1/16	2-1/8	136485		136481		135609		935008	
3/16	1-1/8	2-3/16	136493		136499		135610		935009	
13/64	1-3/16	2-1/4	136502		136507		135611		935010	
7/32	1-1/4	2-3/8	136519		136515		135612		935011	
15/64	1-5/16	2-7/16	136527		136523		135613		935012	
1/4	1-3/8	2-1/2	136535		136531		135614		935013	
17/64	1-7/16	2-5/8	136543		136549		135615		935014	
9/32	1-1/2	2-11/16	136550		136556		135616		935015	
19/64	1-9/16	2-3/4	136568		136564		135617		935016	
5/16	1-5/8	2-13/16	136576		136572		135618		935017	
21/64	1-11/16	2-15/16	136584		136580		135619		935018	
11/32	1-11/16	3	136592		136598		135620		935019	
23/64	1-3/4	3-1/16	136599		136606		135621		935020	
3/8	1-13/16	3-1/8	136618		136614		135622		935021	
25/64	1-7/8	3-1/4	136626		136622		135623		935022	
13/32	1-15/16	3-5/16	136634		136630		135624		935023	
27/64	2	3-3/8	136642		136648		135625		935024	
7/16	2-1/16	3-7/16	136659		136655		135626		935025	
29/64	2-1/8	3-9/16	136667		136663		135627		935026	
15/32	2-1/8	3-5/8	136675		136671		135628		935027	
31/64	2-3/16	3-11/16	136683		136689		135629		935028	
1/2	2-1/4	3-3/4	136691		136697		135630		935029	

Many other **HSS** sizes up to 2 1/2" available. See our website or inquire.

**COBALT** sizes up to 1" available. See our website or inquire.

**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 41: HIGH SPEED STEEL  
SERIES 540: COBALT STEEL - 135° Split Point



HIGH SPEED STEEL  
(Oxide Finish)



COBALT

Size	Flute Lgth.	Overall Lgth.	H.S.S.		Cobalt	
			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	

HIGH SPEED STEEL

**DOUBLE END STUB DRILLS**

135° Split Point

These drills are recommended for all sheet metal drilling applications. The short overall length and short flute length provide rigidity and reduce breakage.



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

Size	Dec. Equiv.	Order No.	Price
1/16	.0625	9785933	
5/64	.0781	9785934	
3/32	.0938	9785935	
7/64	.1094	9785936	
31	.1200	9785937	
1/8	.1250	9785938	
30	.1285	9785939	
9/64	.1406	9785940	
27	.1440	9785941	
26	.1470	9785942	
25	.1495	9785943	
5/32	.1562	9785944	
21	.1590	9785945	
20	.1610	9785946	
11/64	.1719	9785947	
3/16	.1875	9785948	



SERIES 978:



**SCREW MACHINE (STUB)  
DRILL SETS**

HIGH SPEED STEEL &  
COBALT STEEL

SERIES 29:



\*135° Split Point

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

Set Description	Pieces per Set	REPUBLIC			
		H.S.S.*		COBALT*	
		Order No.	Price	Order No.	Price
Wire Gage - #1 thru #60	60	2050160		2053160	
Fractional - 1/16" thru 1/2" by 64ths	29	2051432		2054432	
Letter - A thru Z	26	2052026		2055026	
Combination (inch) - #1 - #60, 1/16" thru 1/2" by 64ths, A thru Z (All in one case)	115	9050115		2053115	

**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 118° Point		H.S.S. Bright Finish Gold (TIN) Ctd.		H.S.S. Black Oxide 135° Split Point		Cobalt 135° Split Point		H.S.S. Left Hand 118° Point	
			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		935030		891345	
2	1-1/4	2-3/8	134589		134585		135632		935031		891344	
3	1-1/4	2-3/8	134571		134577		135633		935032		891342	
4	1-1/4	2-3/8	134563		134569		135634		935033		891341	
5	1-1/4	2-3/8	134555		134551		135635		935034		891340	
6	1-1/4	2-3/8	134548		134544		135636		935035		891339	
7	1-3/16	2-1/4	134530		134536		135637		935036		891337	
8	1-3/16	2-1/4	134522		134528		135638		935037		891336	
9	1-3/16	2-1/4	134514		134510		135639		935038		891335	
10	1-3/16	2-1/4	134506		134502		135640		935039		891334	
11	1-3/16	2-1/4	134498		134494		135641		935040		891333	
12	1-3/16	2-1/4	134480		134486		135642		935041		891332	
13	1-1/8	2-3/16	134472		134478		135643		935042		891330	
14	1-1/8	2-3/16	134464		134460		135644		935043		891329	
15	1-1/8	2-3/16	134456		134452		135645		935044		891328	
16	1-1/8	2-3/16	134449		134445		135646		935045		891327	
17	1-1/8	2-3/16	134431		134437		135647		935046		891326	
18	1-1/16	2-1/8	134423		134429		135648		935047		891324	
19	1-1/16	2-1/8	134415		134411		135649		935048		891323	
20	1-1/16	2-1/8	134407		134403		135650		935049		891322	
21	1-1/16	2-1/8	134399		134395		135651		935050		891321	
22	1-1/16	2-1/8	134381		134387		135652		935051		891320	
23	1	2-1/16	134373		134379		135653		935052		891318	
24	1	2-1/16	134365		134361		135654		935053		891317	
25	1	2-1/16	134357		134353		135655		935054		891316	
26	1	2-1/16	134340		134346		135656		935055		891315	
27	1	2-1/16	134332		134338		135657		935056		891314	
28	15/16	1-15/16	134324		134320		135658		935057		891312	
29	15/16	1-15/16	134316		134312		135659		935058		891311	
30	15/16	1-15/16	134308		134304		135660		935059		891310	
31	7/8	1-7/8	134290		134296		135661		935060		891308	
32	7/8	1-7/8	134282		134288		135662		935061		891307	
33	7/8	1-7/8	134274		134270		135663		935062		891306	
34	7/8	1-7/8	134266		134262		135664		935063		891305	
35	7/8	1-7/8	134258		134254		135665		935064		891304	
36	13/16	1-13/16	134241		134247		135666		935065		891302	
37	13/16	1-13/16	134233		134239		135667		935066		891301	
38	13/16	1-13/16	134225		134221		135668		935067		891300	
39	13/16	1-13/16	134217		134213		135669		935068		891299	
40	13/16	1-13/16	134209		134205		135670		935069		891298	
41	13/16	1-13/16	134191		134197		135671		935070		891297	
42	3/4	1-3/4	134183		134189		135672		935071		891295	
43	3/4	1-3/4	134175		134171		135673		935072		891294	
44	3/4	1-3/4	134167		134163		135674		935073		891293	
45	3/4	1-3/4	134159		134155		135675		935074		891292	
46	3/4	1-3/4	134142		134148		135676		935075		891291	
47	3/4	1-3/4	134134		134130		135677		935076		891290	
48	11/16	1-11/16	134126		134122		135678		935077		891288	
49	11/16	1-11/16	134118		134114		135679		935078		891287	
50	11/16	1-11/16	134099		134106		135680		935079		891286	
51	11/16	1-11/16	134092		134098		135681		935080		891285	
52	11/16	1-11/16	134084		134080		135682		935081		891284	
53	5/8	1-5/8	134076		134072		*135683		*935082		891282	
54	5/8	1-5/8	134068		134064		*135684		*935083		891281	
55	5/8	1-5/8	134050		134056		*135685		*935084		891280	
56	1/2	1-3/8	134043		134049		*135686		*935085		891279	
57	1/2	1-3/8	134035		134031		*135687		*935086		891278	
58	1/2	1-3/8	134027		134023		*135688		*935087		891277	
59	1/2	1-3/8	134019		134015		*135689		*935088		891276	
60	1/2	1-3/8	134002		134007		*135690		*935089		891275	

\*135° Not Split Point

CUTTING TOOLS - DRILLS

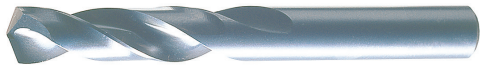


HIGH SPEED STEEL

**SCREW MACHINE (STUB) LENGTH DRILLS - METRIC SIZES**

SERIES 851: MEDA - SUPERIOR IMPORT

SERIES 978: REPUBLIC DRILL



Cobalt Drills available.  
See our website or inquire.

180° Split Point

Dia.	Flute Lgth.	OAL	MEDA		REPUBLIC		Dia.	Flute Lgth.	OAL	MEDA		REPUBLIC	
			Order No.	Price	Order No.	Price				Order No.	Price	Order No.	Price
1.00	13	35	8510100		9785215		5.40	32	60	8510540		9785248	
1.05	13	35	8510105		-		5.50	32	60	8510550		-	
1.10	13	35	8510110		-		5.60	33	62	8510560		-	
1.15	13	35	8510115		-		5.70	33	62	8510570		-	
1.20	16	41	8510120		9785216		5.80	33	62	8510580		9785249	
1.25	16	41	8510125		9785217		5.90	33	62	8510590		9785250	
1.30	16	41	8510130		-		6.00	35	64	8510600		9785251	
1.35	16	41	8510135		-		6.10	35	64	8510610		-	
1.40	16	41	8510140		9785218		6.20	35	64	8510620		-	
1.45	16	41	8510145		9785949		6.30	35	64	8510630		-	
1.50	16	41	8510150		9785219		6.40	37	67	8510640		-	
1.55	16	41	8510155		9785950		6.50	37	67	8510650		9785252	
1.60	18	43	8510160		-		6.60	37	67	8510660		-	
1.65	18	43	8510165		-		6.70	37	67	8510670		-	
1.70	18	43	8510170		9785220		6.80	38	68	8510680		-	
1.75	18	43	8510175		9785221		6.90	38	68	8510690		-	
1.80	18	43	8510180		-		7.00	38	68	8510700		9785253	
1.85	18	43	8510185		-		7.10	38	68	9510710		9785254	
1.90	18	43	8510190		-		7.20	40	70	8510720		-	
1.95	18	43	8510195		9785222		7.30	40	70	8510730		9785255	
2.00	18	43	8510200		9785223		7.40	40	70	8510740		9785256	
2.05	19	44	8510205		9785224		7.50	40	70	8510750		9785257	
2.10	19	44	8510210		9785225		7.60	41	71	8510760		9785258	
2.15	19	44	8510215		9785226		7.70	41	71	8510770		-	
2.20	19	44	8510220		-		7.80	41	71	8510780		-	
2.25	19	44	8510225		-		7.90	41	71	8510790		9785259	
2.30	19	44	8510230		-		8.00	43	75	8510800		9785260	
2.35	19	44	8510235		-		8.10	43	75	8510810		-	
2.40	21	46	8510240		-		8.20	43	75	8510820		9785261	
2.45	21	46	8510245		-		8.30	43	75	8510830		9785262	
2.50	21	46	8510250		9785227		8.40	43	75	8510840		9785263	
2.60	21	46	8510260		9785228		8.50	43	75	8510850		9785264	
2.70	21	46	8510270		9785229		8.60	43	75	8510860		9785952	
2.80	22	48	8510280		9785230		8.70	43	75	8510870		-	
2.90	22	48	8510290		9785231		8.80	44	78	8510880		9785265	
3.00	22	48	8510300		9785232		8.90	44	78	8510890		9785266	
3.10	22	48	8510310		-		9.00	44	78	8510900		9785267	
3.20	24	49	8510320		9785233		9.10	44	78	8510910		9785268	
3.30	24	49	8510330		9785234		9.20	46	79	8510920		-	
3.40	24	49	8510340		-		9.30	46	79	8510930		-	
3.50	24	49	8510350		9785235		9.40	46	79	8510940		-	
3.60	25	52	8510360		-		9.50	46	79	8510950		-	
3.70	25	52	8510370		-		9.60	48	83	8510960		9785276	
3.80	25	52	8510380		9785951		9.70	48	83	8510970		-	
3.90	25	52	8510390		-		9.80	48	83	8510980		-	
4.00	27	54	8510400		9785236		9.90	48	83	8510990		9785269	
4.10	27	54	8510410		9785237		10.00	49	84	8511000		9785270	
4.20	27	54	8510420		9785238		10.20	49	84	8511020		-	
4.30	27	54	8510430		9785239		10.50	51	86	8511050		9785271	
4.40	27	54	8510440		9785240		10.80	52	87	8511080		-	
4.50	29	56	8510450		9785241		11.00	52	87	8511100		-	
4.60	29	56	8510460		9785242		11.20	54	90	8511120		-	
4.70	29	56	8510470		9785243		11.50	54	90	8511150		9785272	
4.80	30	57	8510480		9785244		11.80	54	90	8511180		9785273	
4.90	30	57	8510490		-		12.00	56	94	8511200		-	
5.00	30	57	8510500		9785245		12.20	56	94	8511220		9785274	
5.10	30	57	8510510		9785246		12.50	56	94	8511250		9785275	
5.20	32	60	8510520		-		13.00	56	94	9511300		-	
5.30	32	60	8510530		9785247								

CUTTING TOOLS - DRILLS



HIGH SPEED STEEL

**TAPER LENGTH DRILLS**

SERIES 38:



118° Point

Size	Flute Lgth.	Overall Lgth.	Order No.	Price
1/64	5/16	1-1/2	1080001	
1/32	3/4	2	1080002	
3/64	1-1/8	2-1/4	1080003	
1/16	1-3/4	3-3/4	1080004	
5/64	2	3-3/4	1080005	
3/32	2-1/4	4-1/4	1080006	
7/64	2-1/2	4-5/8	1080007	
1/8	2-3/4	5-1/8	1080008	
9/64	3	5-3/8	1080009	
5/32	3	5-3/8	1080010	
11/64	3-3/8	5-3/4	1080011	
3/16	3-3/8	5-3/4	1080012	
13/64	3-5/8	6	1080013	
7/32	3-5/8	6	1080014	
15/64	3-3/4	6-1/8	1080015	
1/4	3-3/4	6-1/8	1080016	
17/64	3-7/8	6-1/4	1080017	
9/32	3-7/8	6-1/4	1080018	
19/64	4	6-3/8	1080019	
5/16	4	6-3/8	1080020	
21/64	4-1/8	6-1/2	1080021	
11/32	4-1/8	6-1/2	1080022	
23/64	4-1/4	6-3/4	1080023	
3/8	4-1/4	6-3/4	1080024	
25/64	4-3/8	7	1080025	
13/32	4-3/8	7	1080026	
27/64	4-5/8	7-1/4	1080027	
7/16	4-5/8	7-1/4	1080028	
29/64	4-3/4	7-1/2	1080029	
15/32	4-3/4	7-1/2	1080030	
31/64	4-3/4	7-3/4	1080031	
1/2	4-3/4	7-3/4	1080032	
33/64	4-3/4	8	1080033	
17/32	4-3/4	8	1080034	
35/64	4-7/8	8-1/4	1080035	
9/16	4-7/8	8-1/4	1080036	
37/64	4-7/8	8-3/4	1080037	
19/32	4-7/8	8-3/4	1080038	
39/64	4-7/8	8-3/4	1080039	
5/8	4-7/8	8-3/4	1080040	
41/64	5-1/8	9	1080041	
21/32	5-1/8	9	1080042	
43/64	5-3/8	9-1/4	1080043	
11/16	5-3/8	9-1/4	1080044	
45/64	5-5/8	9-1/2	1080045	
23/32	5-5/8	9-1/2	1080046	
47/64	5-7/8	9-3/4	1080047	
3/4	5-7/8	9-3/4	1080048	

Size	Flute Lgth.	Overall Lgth.	Order No.	Price
49/64	6	9-7/8	1080049	
25/32	6	9-7/8	1080050	
51/64	6-1/8	10	1080051	
13/16	6-1/8	10	1080052	
53/64	6-1/8	10	1080053	
27/32	6-1/8	10	1080054	
55/64	6-1/8	10	1080055	
7/8	6-1/8	10	1080056	
57/64	6-1/8	10	1080057	
29/32	6-1/8	10	1080058	
59/64	6-1/8	10-3/4	1080059	
15/16	6-1/8	10-3/4	1080060	
61/64	6-3/8	11	1080061	
31/32	6-3/8	11	1080062	
63/64	6-3/8	11	1080063	
1	6-3/8	11	1080064	
1-1/64	6-1/2	11-1/8	1080065	
1-1/32	6-1/2	11-1/8	1080066	
1-3/64	6-5/8	11-1/4	1080067	
1-1/16	6-5/8	11-1/4	1080068	
1-5/64	6-7/8	11-1/2	1080069	
1-3/32	6-7/8	11-1/2	1080070	
1-7/64	7-1/8	11-3/4	1080071	
1-1/8	7-1/8	11-3/4	1080072	
1-9/64	7-1/4	11-7/8	1080073	
1-5/32	7-1/4	11-7/8	1080074	
1-11/64	7-1/8	12	1080075	
1-3/16	7-1/8	12	1080076	
1-13/64	7-1/2	12-1/8	1080077	
1-7/32	7-1/2	12-1/8	1080078	
1-15/64	7-7/8	12-1/2	1080079	
1-1/4	7-7/8	12-1/2	1080080	
1-9/32	8-1/2	14-1/8	1080082	
1-5/16	8-5/8	14-1/4	1080084	
1-11/32	8-3/4	14-3/8	1080086	
1-3/8	8-7/8	14-1/2	1080088	
1-13/32	9	14-5/8	1080090	
1-7/16	9-1/8	14-3/4	1080092	
1-15/32	9-1/4	14-7/8	1080094	
1-1/2	9-3/8	15	1080096	
1-9/16	9-5/8	15-1/4	1080136	
1-5/8	9-7/8	15-5/8	1080140	
1-11/16	10-1/8	16	1080144	
1-3/4	10-1/2	16-1/4	1080148	
1-13/16	10-1/2	16-1/4	1080152	
1-7/8	10-5/8	16-1/2	1080156	
1-15/16	10-3/4	16-5/8	1080160	
2	10-3/4	16-5/8	1080200	

CUTTING TOOLS - DRILLS

HIGH SPEED STEEL

**TAPER LENGTH DRILLS - FAST SPIRAL**

SERIES 978:

LETTER & WIRE GAGE sizes are available. See our website or inquire.



118° Point

Size	Dec. Equiv.	Flute Length	Overall Length	Order No.	Price
3/64	.0469	1-1/8	2-1/4	9780218	
1/16	.0625	1-3/4	3	9780219	
5/64	.0781	2	3-3/4	9780220	
3/32	.0938	2-1/4	4-1/4	9780221	
7/64	.1094	2-1/2	4-5/8	9780222	
1/8	.1250	2-3/4	5-1/8	9780223	
9/64	.1406	3	5-3/8	9780224	
5/32	.1562	3	5-3/8	9780225	
11/64	.1719	3-3/8	5-3/4	9780226	
3/16	.1875	3-3/8	5-3/4	9780227	
13/64	.2031	3-5/8	6	9780228	

Size	Dec. Equiv.	Flute Length	Overall Length	Order No.	Price
7/32	.2188	3-5/8	6	9780229	
15/64	.2344	3-3/4	6-1/8	9780230	
1/4	.2500	3-3/4	6-1/8	9780231	
17/64	.2656	3-7/8	6-1/4	9780232	
9/32	.2812	3-7/8	6-1/4	9780233	
19/64	.2969	4	6-3/8	9780234	
5/16	.3125	4	6-3/8	9780235	
21/64	.3281	4-1/8	6-1/2	9780236	
11/32	.3438	4-1/8	6-1/2	9780237	
23/64	.3594	4-1/4	6-3/4	9780238	
3/8	.3750	4-1/4	6-3/4	9780239	

Size	Dec. Equiv.	Flute Length	Overall Length	Order No.	Price
25/64	.3906	4-3/8	7	9780240	
13/32	.4062	4-3/8	7	9758241	
27/64	.4219	4-5/8	7-1/4	9780242	
7/16	.4375	4-5/8	7-1/4	9780243	
29/64	.4531	4-3/4	7-1/2	9780244	
15/32	.4688	4-3/4	7-1/2	9780245	
31/64	.4844	4-3/4	7-3/4	9780246	
1/2	.5000	4-3/4	7-3/4	9780247	
39/64	.6094	4-7/8	8-3/4	9780248	
11/16	.6875	5-3/8	9-1/4	9780249	

**TAPER LENGTH DRILLS**

**REPUBLIC DRILL**

SERIES 974: High Speed Steel - 118° Point  
SERIES 852: Cobalt Steel - 135° Split Point

- General purpose flute construction for use in a wide variety of materials.
- Taper length for extended reach.



Drill Size	Flute Lgth.	Overall Lgth.	High Speed Steel		Cobalt	
			Order No.	Price	Order No.	Price
1/16	1-3/4	3	146802		8520004	
5/64	2	3-3/4	146803		8520005	
3/32	2-1/4	4-1/4	146804		8520006	
7/64	2-1/2	4-5/8	146805		8520007	
1/8	2-3/4	5-1/8	146807		8520008	
9/64	3	5-3/8	146815		8520009	
5/32	3	5-3/8	146823		8520010	
11/64	3-3/8	5-3/4	146831		8520011	
3/16	3-3/8	5-3/4	146849		8520012	
13/64	3-5/8	6	146856		8520013	
7/32	3-5/8	6	146864		8520014	
15/64	3-3/4	6-1/8	146872		8520015	
1/4	3-3/4	6-1/8	146880		8520016	
17/64	3-7/8	6-1/4	146898		8520017	
9/32	3-7/8	6-1/4	146906		8520118	
19/64	4	6-3/8	146914		8520019	
5/16	4	6-3/8	146922		8520020	
21/64	4-1/8	6-1/2	146930		8520021	
11/32	4-1/8	6-1/2	146948		8520022	
23/64	4-1/4	6-3/4	146955		8520023	
3/8	4-1/4	6-3/4	146963		8520024	
25/64	4-3/8	7	146971		8520025	
13/32	4-3/8	7	146989		8520026	
27/64	4-5/8	7-1/4	146997		8520027	
7/16	4-5/8	7-1/4	147003		8520028	
29/64	4-3/4	7-1/2	147011		8520029	
15/32	4-3/4	7-1/2	147029		8520030	
31/64	4-3/4	7-3/4	147037		8520031	
1/2	4-3/4	7-3/4	147045		8520032	
33/64	4-3/4	8	147052		8520033	
17/32	4-3/4	8	147060		8520034	
35/64	4-7/8	8-1/4	147078		8520035	
9/16	4-7/8	8-1/4	147086		8520036	
37/64	4-7/8	8-3/4	147094		8520037	
19/32	4-7/8	8-3/4	147102		8520038	
39/64	4-7/8	8-3/4	147110		8520039	
5/8	4-7/8	8-3/4	147128		8520040	
41/64	5-1/8	9	147136		8520041	
21/32	5-1/8	9	147144		8520042	
43/64	5-3/8	9-1/4	147151		8520043	
11/16	5-3/8	9-1/4	147169		8520044	
45/64	5-5/8	9-1/2	147177		8520045	
23/32	5-5/8	9-1/2	147185		8520046	
47/64	5-7/8	9-3/4	147193		8520047	
3/4	5-7/8	9-3/4	9147201		8520048	
49/64	6	9-7/8	147219		8520049	
25/32	6	9-7/8	147227		8520050	
51/64	6-1/8	10	147235		8520051	
13/16	6-1/8	10	147243		8520052	
53/64	6-1/8	10	147250		8520053	
27/32	6-1/8	10	147268		8520054	
55/64	6-1/8	10	147276		8520055	
7/8	6-1/8	10	147284		8520056	
57/64	6-1/8	10	147292		8520057	
29/32	6-1/8	10	147300		8520058	
59/64	6-1/8	10-3/4	147318		8520059	
15/16	6-1/8	10-3/4	147326		8520060	
61/64	6-3/8	11	147334		8520061	
31/32	6-3/8	11	147342		8520062	
63/64	6-3/8	11	147359		8520063	
1	6-3/8	11	147367		8520064	

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Drill Size	Flute Lgth.	Overall Lgth.	High Speed Steel	
			Order No.	Price
1-1/32	6-1/2	11-1/8	147383	
1-1/16	6-5/8	11-1/4	147409	
1-3/32	6-7/8	11-1/2	147425	
1-1/8	7-1/8	11-3/4	147441	
1-5/32	7-1/4	11-7/8	147466	
1-3/16	7-3/8	12	147482	
1-7/32	7-1/2	12-1/8	147508	
1-1/4	7-7/8	12-1/2	147524	
1-9/32	8-1/2	14-1/8	147532	
1-5/16	8-5/8	14-1/4	147540	
1-11/32	8-3/4	14-3/8	147557	
1-3/8	8-7/8	14-1/2	147565	
1-13/32	9	14-5/8	147573	
1-7/16	9-1/8	14-3/4	147581	
1-15/32	9-1/4	14-7/8	147599	
1-1/2	9-3/8	15	147607	
1-9/16	9-5/8	15-1/4	147615	
1-5/8	9-7/8	15-5/8	147623	
1-11/16	10-7/8	16	9785277	
1-3/4	10-1/2	16-1/4	147649	
1-13/16	10-1/2	16-1/4	9785278	
1-7/8	10-5/8	16-1/4	9785279	
1-15/16	10-3/4	16-5/8	9785280	
2	10-3/4	17-1/4	9785281	

**TAPER LENGTH DRILL SETS**

SERIES 29:



MEDA			
Description	Pieces per Set	Order No.	Price
<b>H.S.S.</b> 1/16" - 1/2" x 64ths	29	1080500	
REPUBLIC DRILL			
<b>H.S.S.</b> 1/16" - 1/2" x 64ths 33/64 - 3/4" by 64ths 49/64 - 1" by 64ths	29 16 16	174307 9743348 9744964	
<b>COBALT</b> 1/16" - 1/2" by 64ths	29	9785282	

CUTTING TOOLS - DRILLS



HIGH SPEED STEEL

**TAPER LENGTH DRILLS**

SERIES 38:



118° POINT

Size	Flute Lgth.	Overall Lgth.	H.S.S.		Size	Flute Lgth.	Overall Lgth.	H.S.S.		Size	Flute Lgth.	Overall Lgth.	H.S.S.	
			Order No.	Price				Order No.	Price				Order No.	Price
1	3-3/4	6	0380101		28	3	5-3/8	0380128		55	1-3/4	3	0380155	
2	3-3/4	6	0380102		29	3	5-3/8	0380129		56	1-1/8	2-1/4	0380156	
3	3-5/8	6	0380103		30	3	5-3/8	0380130		57	1-1/8	2-1/4	0380157	
4	3-5/8	6	0380104		31	2-3/4	5-1/8	0380131		58	1-1/8	2-1/4	0380158	
5	3-5/8	6	0380105		32	2-3/4	5-1/8	0380132		59	1-1/8	2-1/4	0380159	
6	3-5/8	6	0380106		33	2-3/4	5-1/8	0380133		60	1-1/8	2-1/4	0380160	
7	3-5/8	6	0380107		34	2-3/4	5-1/8	0380134		61	1-1/8	2-1/4	0380161	
8	3-5/8	6	0380108		35	2-1/2	4-5/8	0380135		62	3/4	2	0380162	
9	3-5/8	6	0380109		36	2-1/2	4-5/8	0380136		63	3/4	2	0380163	
10	3-5/8	6	0380110		37	2-1/2	4-5/8	0380137		64	3/4	2	0380164	
11	3-5/8	6	0380111		38	2-1/2	4-5/8	0380138		65	3/4	2	0380165	
12	3-5/8	5-3/4	0380112		39	2-1/2	4-5/8	0380139		66	3/4	2	0380166	
13	3-3/8	5-3/4	0380113		40	2-1/2	4-5/8	0380140		67	3/4	2	0380167	
14	3-3/8	5-3/4	0380114		41	2-1/2	4-5/8	0380141		68	3/4	2	0380168	
15	3-3/8	5-3/4	0380115		42	2-1/4	4-1/4	0380142		69	3/4	2	0380169	
16	3-3/8	5-3/4	0380116		43	2-1/4	4-1/4	0380143		70	3/4	2	0380170	
17	3-3/8	5-3/4	0380117		44	2-1/4	4-1/4	0380144		71	3/4	2	0380171	
18	3-3/8	5-3/4	0380118		45	2-1/4	4-1/4	0380145		72	5/16	1-1/2	0380172	
19	3-3/8	5-3/4	0380119		46	2-1/4	4-1/4	0380146		73	5/16	1-1/2	0380173	
20	3-3/8	5-3/4	0380120		47	2-1/4	4-1/4	0380147		74	5/16	1-1/2	0380174	
21	3-3/8	5-3/4	0380121		48	2	3-3/4	0380148		75	5/16	1-1/2	0380175	
22	3-3/8	5-3/4	0380122		49	2	3-3/4	0380149		76	5/16	1-1/2	0380176	
23	3	5-3/8	0380123		50	2	3-3/4	0380150		77	5/16	1-1/2	0380177	
24	3	5-3/8	0380124		51	2	3-3/4	0380151		78	5/16	1-1/2	0380178	
25	3	5-3/8	0380125		52	2	3-3/4	0380152		79	5/16	1-1/2	0380179	
26	3	5-3/8	0380126		53	1-3/4	3	0380153		80	5/16	1-1/2	038 0180	
27	3	5-3/8	0380127		54	1-3/4	3	0380154						

CUTTING TOOLS - DRILLS

HIGH SPEED STEEL

**TAPER LENGTH DRILLS**

SERIES 974: 118° POINT



Cobalt sizes: # 1—60 & A—Z available. See our website or inquire.

Drill Size	Flute Lgth.	Overall Lgth.	Order No.	Price	Drill Size	Flute Lgth.	Overall Lgth.	Order No.	Price	Drill Size	Flute Lgth.	Overall Lgth.	Order No.	Price
1	3-3/4	6-1/8	144596		36	2-1/2	4-5/8	144240		A	3-3/4	6-1/8	146005	
2	3-3/4	6-1/8	144588		37	2-1/2	4-5/8	144232		B	3-3/4	6-1/8	146013	
3	3-5/8	6	144570		38	2-1/2	4-5/8	144224		C	3-3/4	6-1/8	146021	
4	3-5/8	6	144562		39	2-1/2	4-5/8	144216		D	3-3/4	6-1/8	146039	
5	3-5/8	6	144554		40	2-1/2	4-5/8	144208		E	3-3/4	6-1/8	146880	
6	3-5/8	6	144547		41	2-1/2	4-5/8	144190		F	3-7/8	6-1/4	146054	
7	3-5/8	6	144539		42	2-1/4	4-1/4	144182		G	3-7/8	6-1/4	146062	
8	3-5/8	6	144521		43	2-1/4	4-1/4	144174		H	3-7/8	6-1/4	146070	
9	3-5/8	6	144513		44	2-1/4	4-1/4	144166		I	3-7/8	6-1/4	146088	
10	3-5/8	6	144505		45	2-1/4	4-1/4	144158		J	3-7/8	6-1/4	146096	
11	3-5/8	6	144497		46	2-1/4	4-1/4	144141		K	3-7/8	6-1/4	146104	
12	3-5/8	6	144489		47	2-1/4	4-1/4	144133		L	4	6-3/8	146112	
13	3-3/8	5-3/4	144471		48	2	3-3/4	144125		M	4	6-3/8	146120	
14	3-3/8	5-3/4	144463		49	2	3-3/4	144117		N	4	6-3/8	146138	
15	3-3/8	5-3/4	144455		50	2	3-3/4	144109		O	4-1/8	6-1/2	146146	
16	3-3/8	5-3/4	144448		51	2	3-3/4	144091		P	4-1/8	6-1/2	146153	
17	3-3/8	5-3/4	144430		52	2	3-3/4	144083		Q	4-1/8	6-1/2	146161	
18	3-3/8	5-3/4	144422		53	1-3/4	3	144075		R	4-1/8	6-1/2	146179	
19	3-3/8	5-3/4	144414		54	1-3/4	3	144067		S	4-1/4	6-3/4	146187	
20	3-3/8	5-3/4	144406		55	1-3/4	3	144059		T	4-1/4	6-3/4	146195	
21	3-3/8	5-3/4	144398		56	1-1/8	2-1/4	144042		U	4-1/4	6-3/4	146203	
22	3-3/8	5-3/4	144380		57	1-1/8	2-1/4	144034		V	4-3/8	7	9146211	
23	3	5-3/8	144372		58	1-1/8	2-1/4	144026		W	4-3/8	7	146229	
24	3	5-3/8	144364		59	1-1/8	2-1/4	144018		X	4-3/8	7	146237	
25	3	5-3/8	144356		60	1-1/8	2-1/4	144002		Y	4-3/8	7	146245	
26	3	5-3/8	144349		61	1-1/8	2-1/4	9740061		Z	4-5/8	7-1/4	146252	
27	3	5-3/8	144331		62	3/4	2	9740062						
28	3	5-3/8	144323		63	3/4	2	9740063						
29	3	5-3/8	144315		64	3/4	2	9740064						
30	3	5-3/8	144307		65	3/4	2	9740065						
31	2-3/4	5-1/8	144299		66	3/4	2	9740066						
32	2-3/4	5-1/8	144281		67	3/4	2	9740067						
33	2-3/4	5-1/8	144273		68	3/4	2	9740068						
34	2-3/4	5-1/8	144265		69	3/4	2	9740069						
35	2-3/4	5-1/8	144257		70	3/4	2	9740070						

Sizes: # 71—80 available. See our website or inquire.

HIGH SPEED STEEL

**TAPER LENGTH DRILLS - METRIC SIZES**

SERIES 853: MEDA - SUPERIOR IMPORT

SERIES 974: REPUBLIC DRILL



**REPUBLIC DRILL**  
drills up to 38.00mm available.  
See our website or inquire.

118° POINT

Dia.	Flute Lgth.	OAL	MEDA		REPUBLIC		Dia.	Flute Lgth.	OAL	MEDA		REPUBLIC	
			Order No.	Price	Order No.	Price				Order No.	Price	Order No.	Price
1.00	33	56	8530100		141002		7.40	102	156	8530740		-	
1.10	37	60	8530110		9141006		7.50	102	156	8530750		9141150	
1.20	41	65	8530120		9991010		7.60	109	165	8530760		-	
1.30	41	65	8530130		141014		7.70	109	165	8530770		-	
1.40	45	70	8530140		141018		7.80	109	165	8530780		9141152	
1.50	45	70	8530150		141022		7.90	109	165	8530790		-	
1.60	50	76	8530160		141026		8.00	109	165	8530800		141154	
1.70	50	76	8530170		9141030		8.10	109	165	8530810		-	
1.80	53	80	8530180		141034		8.20	109	165	8530820		141156	
1.90	53	80	8530190		141038		8.30	109	165	8530830		-	
2.00	56	85	8530200		141042		8.40	109	165	8530840		-	
2.10	56	85	8530210		141046		8.50	109	165	8530850		141158	
2.20	59	90	8530220		9141050		8.60	115	175	8530860		-	
2.30	59	90	8530230		141054		8.70	115	175	8530870		-	
2.40	62	95	8530240		141058		8.80	115	175	8530880		9141160	
2.50	62	95	8530250		141062		8.90	115	175	8530890		-	
2.60	62	95	8530260		141064		9.00	115	175	8530900		9141162	
2.70	66	100	8530270		141066		9.10	115	175	8530910		-	
2.80	66	100	8530280		141068		9.20	115	175	8530920		141164	
2.90	66	100	8530290		9141070		9.30	115	175	8530930		-	
3.00	66	100	8530300		141072		9.40	115	175	8530940		9740940	
3.10	69	106	8530310		141074		9.50	115	175	8530950		141166	
3.20	69	106	8530320		141076		9.60	121	184	8530960		-	
3.30	69	106	8530330		141078		9.70	121	184	8530970		-	
3.40	73	112	8530340		9991080		9.80	121	184	8530980		141168	
3.50	73	112	8530350		141082		9.90	121	184	8530990		-	
3.60	73	112	8530360		141084		10.00	121	184	8531000		9141170	
3.70	73	112	8530370		141086		10.50	128	184	8531050		141174	
3.80	78	119	8530380		141088		11.00	128	195	8531100		141178	
3.90	78	119	8530390		9991090		11.50	128	195	8531150		141182	
4.00	78	119	8530400		141092		12.00	134	200	8531200		141186	
4.10	78	119	8530410		141094		12.50	134	205	8531250		9991190	
4.20	78	119	8530420		141096		13.00	134	205	8531300		141194	
4.30	82	126	8530430		141098		13.50	140	214	8531350		141198	
4.40	82	126	8530440		9141100		14.00	140	214	8531400		141202	
4.50	82	126	8530450		9141102		14.50	144	220	8531450		9141206	
4.60	82	126	8530460		141104		15.00	144	220	8531500		9141210	
4.70	82	126	8530470		9141106		15.50	149	227	8531550		141214	
4.80	87	132	8530480		141108		16.00	149	227	8531600		141218	
4.90	87	132	8530490		9141110		16.50	154	235	8531650		141222	
5.00	87	132	8530500		141112		17.00	154	235	8531700		141226	
5.10	87	132	8530510		141114		17.50	158	241	8531750		9141230	
5.20	87	132	8530520		141116		18.00	158	241	8531800		141232	
5.30	87	132	8530530		9141118		18.50	162	247	8531850		141234	
5.40	91	139	8530540		9991120		19.00	162	247	8531900		141236	
5.50	91	139	8530550		9141122		19.50	166	254	8531950		141238	
5.60	91	139	8530560		141124		20.00	166	254	8532000		9141240	
5.70	91	139	8530570		141126		20.50	156	254			141242	
5.80	91	139	8530580		141128		21.00	156	254			141244	
5.90	91	139	8530590		9141130		21.50	156	254			141246	
6.00	91	139	8530600		141132		22.00	156	254			141248	
6.10	97	148	8530610		141134		22.50	156	254			9991250	
6.20	97	148	8530620		141136		23.00	156	254			141252	
6.30	97	148	8530630		141138		23.50	156	273			141254	
6.40	97	148	8530640		9141140		24.00	162	279			141256	
6.50	97	148	8530650		141142		24.50	162	279			141258	
6.60	97	148	8530660		-		25.00	162	279			941260	
6.70	97	148	8530670		-		25.50	165	283			141262	
6.80	102	156	8530680		141144		26.00	165	283			141264	
6.90	102	156	8530690		-		26.50	168	256			141266	
7.00	102	156	8530700		141146		27.00	168	256			141268	
7.10	102	156	8530710		-		27.50	175	292			9141270	
7.20	102	156	8530720		141148		28.00	181	298			141272	
7.30	102	156	8530730		-		28.50	181	298			141274	

HIGH SPEED STEEL

**EXTRA LONG STRAIGHT SHANK DRILLS**

SERIES 854: OVERALL LENGTH 8" / FLUTE LENGTH 5-1/2"  
SERIES 36: OVERALL LENGTH 12" / FLUTE LENGTH 9"  
SERIES 37: OVERALL LENGTH 18" / FLUTE LENGTH 14"



HIGH SPEED STEEL

**EXTRA LENGTH DRILLS**  
SERIES 972:



Also available. See our website or inquire. Some Cobalt sizes also available  
4" Flute / 6" Overall 6.5" Flute / 9" Overall  
9" Flute / 12" Overall with 1/2" shank 12" Flute / 18" Overall  
12" Flute / 18" Overall with 1/2" shank 18" Flute / 24" Overall  
5.5" Flute / 48" Overall

CUTTING TOOLS - DRILLS



Size	8" OAL / 5-1/2" LOC		12" OAL / 9" LOC		18" OAL / 14" LOC	
	Order No.	Price	Order No.	Price	Order No.	Price
3/32	8540006		143006		-	
7/64	8540007		143007		-	
1/8	8540008		1065008		-	
9/64	8540009		1065009		-	
5/32	8540010		1065010		-	
11/64	8540011		1065011		-	
3/16	8540012		1065012		1070012	
13/64	8540013		1065013		1070013	
7/32	8540014		1065014		1070014	
15/64	8540015		1065015		1070015	
1/4	8540016		1065016		1070016	
17/64	8540017		1065017		1070017	
9/32	8540018		1065018		1070018	
19/64	8540019		1065019		1070019	
5/16	8540020		1065020		1070020	
21/64	8540021		1065021		1070021	
11/32	8540022		1065022		1070022	
23/64	8540023		1065023		1070023	
3/8	8540024		1065024		1070024	
25/64	8540025		1065025		1070025	
13/32	8540026		1065026		1070026	
27/64	8540027		1065027		1070027	
7/16	8540028		1065028		1070028	
29/64	8540029		1065029		1070029	
15/32	8540030		1065030		1070030	
31/64	8540031		1065031		1070031	
1/2	8540032		1065032		1070032	
33/64	-		1065033		1070033	
17/32	-		1065034		1070034	
35/64	-		1065035		1070035	
9/16	-		1065036		1070036	
37/64	-		1065037		1070037	
19/32	-		1065038		1070038	
39/64	-		1065039		1070039	
5/8	-		1065040		1070040	
41/64	-		1065041		1070041	
21/32	-		1065042		1070042	
43/64	-		1065043		1070043	
11/16	-		1065044		1070044	
45/64	-		1065045		1070045	
23/32	-		1065046		1070046	
3/4	-		1065048		1070048	
13/16	-		1065052		1070052	
7/8	-		1065056		1070056	
15/16	-		1065060		1070060	
1	-		1065064		1070064	



Drill Size	Flute Lgth 5.5" 8" Overall Lgth		Flute Lgth 7.5" 10" Overall Lgth		Flute Lgth 9" 12" Overall Lgth	
	Order No.	Price	Order No.	Price	Order No.	Price
3/32	941001		-		-	
7/64	941002		-		9722107	
1/8	941003		941101		941201	
9/64	941004		941102		941202	
5/32	941005		941103		941203	
11/64	941006		941104		941204	
3/16	941007		941105		941205	
13/64	941008		941106		941206	
7/32	941009		941107		941207	
15/64	941010		941108		941208	
1/4	941011		941109		941209	
17/64	941012		941110		941210	
9/32	941013		941111		941211	
19/64	941014		941112		941212	
5/16	941015		941113		941213	
21/64	941016		941114		941214	
11/32	941017		941115		941215	
23/64	941018		941116		941216	
3/8	941019		941117		941217	
25/64	941020		941118		941218	
13/32	941021		941119		941219	
27/64	9720127		941120		941220	
7/16	941023		941121		941221	
29/64	9720129		941122		941222	
15/32	941025		941123		941223	
31/64	9720131		941124		941224	
1/2	941027		941125		941225	
33/64	-		941126		941226	
17/32	-		941127		941227	
35/64	-		-		941228	
9/16	-		9721136		941229	
37/64	-		-		941230	
19/32	-		-		941231	
39/64	-		-		941232	
5/8	-		9721140		941233	
41/64	-		-		941234	
21/32	-		-		941235	
43/64	-		-		941236	
11/16	-		-		941237	
45/64	-		-		941238	
23/32	-		-		941239	
47/64	-		-		941240	
3/4	-		-		941241	

COBALT STEEL

**AIRCRAFT EXTENSION DRILLS**



SERIES 729:

6" OVERALL LENGTH

SERIES 730:

12" OVERALL LENGTH

Size	Flute Length	6" Overall Lgth.		12" Overall Lgth.		Size	Flute Length	6" Overall Lgth.		12" Overall Lgth.	
		Order No.	Price	Order No.	Price			Order No.	Price	Order No.	Price
1/16	7/8	5196020		5196320		7/32	2-1/2	5196070		5196370	
5/64	1	5196025		5196325		15/64	2-5/8	5196075		5196375	
3/32	1-1/4	5196030		5196330		1/4	2-3/4	5196080		5196380	
7/64	1-1/2	5196035		5196335		9/32	2-15/16	5196090		5196390	
1/8	1-5/8	5196040		5196340		5/16	3-3/16	5196100		5196400	
9/64	1-3/4	5196045		5196345		11/32	3-7/16	-		5196410	
5/32	2	5196050		5196350		3/8	3-5/8	-		5196420	
11/64	2-1/8	5196055		5196355		13/32	3-7/8	-		5196430	
3/16	2-5/16	5196060		5196360		7/16	4-1/16	-		5196440	
13/64	2-7/16	5196065		5196365		15/32	4-5/16	-		5196450	
						1/2	4-1/2	5196160		5196460	

Sets available. See our website or inquire.

135° Split Point; Made to AIA-NAS 907 Specifications



HIGH SPEED STEEL

**AIRCRAFT EXTENSION DRILLS**

SERIES 729: 6" OVERALL LENGTH  
SERIES 730: 12" OVERALL LENGTH



Size	Flute Lgth.	6" Overall Lgth.		12" Overall Lgth.	
		Order No.	Price	Order No.	Price
1	2-5/8	7290001		7300001	
2	2-5/8	7290002		7300002	
3	2-1/2	7290003		7300003	
4	2-1/2	7290004		7300004	
5	2-1/2	7290005		7300005	
6	2-1/2	7290006		7300006	
7	2-7/16	7290007		7300007	
8	2-7/16	7290008		7300008	
9	2-7/16	7290009		7300009	
10	2-7/16	7290010		7300010	
11	2-5/16	7290011		7300011	
12	2-5/16	7290012		7300012	
13	2-5/16	7290013		7300013	
14	2-3/16	7290014		7300014	
15	2-3/16	7290015		7300015	
16	2-3/16	7290016		7300016	
17	2-3/16	7290017		7300017	
18	2-1/8	7290018		7300018	
19	2-1/8	7290019		7300019	
20	2-1/8	7290020		7300020	
21	2-1/8	7290021		7300021	
22	2	7290022		7300022	
23	2	7290023		7300023	
24	2	7290024		7300024	
25	1-7/8	7290025		7300025	
26	1-7/8	7290026		7300026	
27	1-7/8	7290027		7300027	
28	1-3/4	7290028		7300028	
29	1-3/4	7290029		7300029	
30	1-5/8	7290030		7300030	
31	1-5/8	7290031		7300031	
32	1-5/8	7290032		7300032	
33	1-1/2	7290033		7300033	
34	1-1/2	7290034		7300034	
35	1-1/2	7290035		7300035	
36	1-7/16	7290036		7300036	
37	1-7/16	7290037		7300037	
38	1-7/16	7290038		7300038	
39	1-3/8	7290039		7300039	
40	1-3/8	7290040		7300040	
41	1-3/8	7290041		7300041	
42	1-1/4	7290042		7300042	
43	1-1/4	7290043		7300043	
44	1-1/8	7290044		7300044	
45	1-1/8	7290045		7300045	
46	1-1/8	7290046		7300046	
47	1	7290047		7300047	
48	1	7290048		7300048	
49	1	7290049		7300049	
50	1	7290050		7300050	
51	1	7290051		7300051	
52	7/8	7290052		7300052	
53	7/8	7290053		7300053	
54	7/8	7290054		7300054	
55	7/8	7290055		7300055	
56	3/4	7290056		7300056	
57	3/4	7290057		7300057	
58	11/16	7290058		7300058	
59	11/16	7290059		7300059	
60	11/16	7290060		7300060	

Size	Flute Lgth.	6" Overall Lgth.		12" Overall Lgth.	
		Order No.	Price	Order No.	Price
3/64	3/4	7290103		7300103	
1/16	7/8	7290104		7300104	
5/64	1	7290105		7300105	
3/32	1-1/4	7290106		7300106	
7/64	1-1/2	7290107		7300107	
1/8	1-5/8	7290108		7300108	
9/64	1-3/4	7290109		7300109	
5/32	2	7290110		7300110	
11/64	2-1/8	7290111		7300111	
3/16	2-5/16	7290112		7300112	
13/64	2-7/16	7290113		7300113	
7/32	2-1/2	7290114		7300114	
15/64	2-5/8	7290115		7300115	
1/4	2-3/4	7290116		7300116	
17/64	2-7/8	7290117		7300117	
9/32	2-15/16	7290118		7300118	
19/64	3-1/16	7290119		7300119	
5/16	3-3/16	7290120		7300120	
21/64	3-5/16	7290121		7300121	
11/32	3-7/16	7290122		7300122	
23/64	3-1/2	7290123		7300123	
3/8	3-5/8	7290124		7300124	
25/64	3-3/4	7290125		7300125	
13/32	3-7/8	7290126		7300126	
27/64	3-15/16	7290127		7300127	
7/16	4-1/16	7290128		7300128	
29/64	4-3/16	7290129		7300129	
15/32	4-5/16	7290130		7300130	
31/64	4-3/8	7290131		7300131	
1/2	4-1/2	7290132		7300132	
Size	Flute Lgth.	6" Overall Lgth.		12" Overall Lgth.	
		Order No.	Price	Order No.	Price
A	2-5/8	7290201		7300201	
B	2-3/4	7290202		7300202	
C	2-3/4	7290203		7300203	
D	2-3/4	7290204		7300204	
E	2-3/4	7290205		7300205	
F	2-7/8	7290206		7300206	
G	2-7/8	7290207		7300207	
H	2-7/8	7290208		7300208	
I	2-7/8	7290209		7300209	
J	2-7/8	7290210		7300210	
K	2-15/16	7290211		7300211	
L	2-15/16	7290212		7300212	
M	3-1/16	7290213		7300213	
N	3-1/16	7290214		7300214	
O	3-3/16	7290215		7300215	
P	3-5/16	7290216		7300216	
Q	3-7/16	7290217		7300217	
R	3-7/16	7290218		7300218	
S	3-1/2	7290219		7300219	
T	3-1/2	7290220		7300220	
U	3-5/8	7290221		7300221	
V	3-5/8	7290222		7300222	
W	3-3/4	7290223		7300223	
X	3-3/4	7290224		7300224	
Y	3-7/8	7290225		7300225	
Z	3-7/8	7290226		7300226	

CUTTING TOOLS - DRILLS

HIGH SPEED STEEL

**AIRCRAFT EXTENSION DRILLS**

**REPUBLIC DRILL**

SERIES 973:



- Heavy duty flute construction for increased tool strength.
- Black oxide finish for increased wear resistance & improved lubricity reducing chip welding and galling.
- AIA-NAS 907 specifications approved for aircraft applications.
- 135° split point for self centering, reducing thrust for ease of penetration and the preferred point for stainless steel.

# 1—60 sizes  
available in Cobalt  
Steel. See our  
website or inquire.

See page 26 for Cobalt drills

Drill Size	Flute Lgth.	6" Overall Length		12" Overall Length	
		Order No.	Price	Order No.	Price
3/64	3/4	160000		160195	
1/16	7/8	160001		160196	
5/64	1	160002		160197	
3/32	1-1/4	160003		160198	
7/64	1-1/2	160004		160199	
1/8	1-5/8	160005		160200	
9/64	1-3/4	160006		160201	
5/32	2	160007		160202	
11/64	2-1/8	160008		160203	
3/16	2-5/16	160009		160204	
13/64	2-7/16	160010		160205	
7/32	2-1/2	160011		160206	
15/64	2-5/8	160012		160207	
1/4	2-3/4	160013		160208	
17/64	2-5/8	160014		160209	
9/32	3-1/16	160016		160210	
19/64	3-1/16	160017		160211	
5/16	3-3/16	160018		160212	
21/64	3-7/16	160019		160213	
11/32	3-7/16	160020		160214	
23/64	3-1/2	160021		160215	
3/8	3-5/8	160022		160216	
25/64	3-3/4	160023		160217	
13/32	3-3/4	160024		160218	
27/64	3-15/16	160025		160219	
7/16	4-1/16	160026		160220	
29/64	4-3/16	160027		160221	
15/32	4-5/16	160028		160222	
31/64	4-3/8	160029		160223	
1/2	4-1/2	160030		160224	

Drill Size	Flute Lgth.	6" Overall Length		12" Overall Length	
		Order No.	Price	Order No.	Price
A	2-5/8	9730201		9731201	
B	2-3/4	9730202		9731202	
C	2-3/4	9730203		9731203	
D	2-3/4	9730204		9731204	
E	2-3/4	9730205		9731205	
F	2-7/8	9730206		9731206	
G	2-7/8	9730207		9731207	
H	2-7/8	9730208		9731208	
I	2-7/8	9730209		9731209	
J	2-7/8	9730210		9731210	
K	2-15/16	9730211		9731211	
L	2-15/16	9730212		9731212	
M	3-1/16	9730213		9731213	
N	3-1/16	9730214		9731214	
O	3-3/16	9730215		9731215	
P	3-5/16	9730216		9731216	
Q	3-7/16	9730217		9731217	
R	3-7/16	9730218		9731218	
S	3-1/2	9730219		9731219	
T	3-1/2	9730220		9731220	
U	3-5/8	9730221		9731221	
V	3-5/8	9730222		9731222	
W	3-3/4	9730223		9731223	
X	3-3/4	9730224		9731224	
Y	3-7/8	9730225		9731225	
Z	3-7/8	9730226		9731226	

Drill Size	Flute Lgth.	6" Overall Length		12" Overall Length	
		Order No.	Price	Order No.	Price
1	2-5/8	160031		160225	
2	2-5/8	160032		160226	
3	2-1/2	160033		160227	
4	2-1/2	160034		160228	
5	2-1/2	160035		160229	
6	2-1/2	160036		160230	
7	2-7/16	160037		160231	
8	2-7/16	160038		160232	
9	2-7/16	160039		160233	
10	2-7/16	160040		160234	
11	2-5/16	160041		160235	
12	2-5/16	160042		160236	
13	2-5/16	160043		160237	
14	2-3/16	160044		160238	
15	2-3/16	160045		160239	
16	2-3/16	160046		160240	
17	2-3/16	160047		160241	
18	2-1/8	160048		160242	
19	2-1/8	160049		160243	
20	2-1/8	160050		160244	
21	2-1/8	160051		160245	
22	2	160052		160246	
23	2	160053		160247	
24	2	160054		160248	
25	1-7/8	160055		160249	
26	1-7/8	160056		160250	
27	1-7/8	160057		160251	
28	1-3/4	160058		160252	
29	1-3/4	160059		160253	
30	1-5/8	160060		160254	
31	1-5/8	160061		160255	
32	1-5/8	160062		160256	
33	1-1/2	160063		160257	
34	1-1/2	160064		160258	
35	1-1/2	160065		160259	
36	1-7/16	160066		160260	
37	1-7/16	160067		160261	
38	1-7/16	160068		160262	
39	1-3/8	160069		160263	
40	1-3/8	160070		160264	
41	1-3/8	160071		160265	
42	1-1/4	160072		160266	
43	1-1/4	160073		160267	
44	1-1/4	160074		160268	
45	1-1/8	160075		160269	
46	1-1/8	160076		160270	
47	1-1/8	160077		160271	
48	1	160078		160272	
49	1	160079		160273	
50	1	160080		160274	
51	1	160081		160275	
52	7/8	160082		160276	
53	7/8	160083		160277	
54	7/8	160084		160278	
55	7/8	160085		160279	
56	3/4	160086		160280	
57	3/4	160087		160281	
58	11/16	160088		160282	
59	11/16	160089		160283	
60	11/16	9160090		160284	

CUTTING TOOLS - DRILLS

HIGH SPEED STEEL

**SILVER AND DEMING DRILLS - 1/2" SHANK**

FLUTE LENGTH: 3" / OVERALL LENGTH 6"  
 SIZE OF SHANK: 1/2" DIA. X 2-1/4" LONG  
 SERIES 42:



Size	Order No.	Price	Size	Order No.	Price	Size	Order No.	Price
1/2	1100032		27/32	1100054		1-3/16	1100076	
33/64	1100033		55/64	1100055		1-13/64	1100077	
17/32	1100034		7/8	1100056		1-7/32	1100078	
35/64	1100035		57/64	1100057		1-15/64	1100079	
9/16	1100036		29/32	1100058		1-1/4	1100080	
37/64	1100037		59/64	1100059		1-17/64	1100081	
19/32	1100038		15/16	1100060		1-9/32	1100082	
39/64	1100039		61/64	1100061		1-19/64	1100083	
5/8	1100040		31/32	1100062		1-5/16	1100084	
41/64	1100041		63/64	1100063		1-21/64	1100085	
21/32	1100042		1	1100064		1-11/32	1100086	
43/64	1100043		1-1/64	1100065		1-23/64	1100087	
11/16	1100044		1-1/32	1100066		1-3/8	1100088	
45/64	1100045		1-3/64	1100067		1-25/64	1100089	
23/32	1100046		1-1/16	1100068		1-13/32	1100090	
47/64	1100047		1-5/64	1100069		1-27/64	1100091	
3/4	1100048		1-3/32	1100070		1-7/16	1100092	
49/64	1100049		1-7/64	1100071		1-29/64	1100093	
25/32	1100050		1-1/8	1100072		1-15/32	1100094	
51/64	1100051		1-9/64	1100073		1-31/64	1100095	
13/16	1100052		1-5/32	1100074		1-1/2	1100096	
53/64	1100053		1-11/64	1100075				

HIGH SPEED STEEL

**SILVER AND DEMING DRILLS - 1/2" SHANK**

SERIES 837:



Size	REPUBLIC Round Shank		REPUBLIC 3 Flatted Shank	
	Order No.	Price	Order No.	Price
1/2	8370031		164532	
33/64	8370033		164533	
17/32	8370034		164534	
35/64	8370035		164535	
9/16	8370036		164536	
37/64	8370037		164537	
19/32	8370038		164538	
39/64	8370039		164539	
5/8	8370040		164540	
41/64	8370041		164541	
21/32	8370042		164542	
43/64	8370043		164543	
11/16	8370044		164544	
45/64	8370045		164545	
23/32	8370046		164546	
47/64	8370047		164547	
3/4	8370048		164548	
49/64	8370049		164549	
25/32	8370050		164550	
51/64	8370051		164551	
13/16	8370052		164552	
53/64	8370053		164553	
27/32	8370054		164554	
55/64	8370055		164555	
7/8	8370056		164556	
57/64	8370057		164557	
29/32	8370058		164558	
59/64	8370059		164559	
15/16	8370060		164560	
61/64	8370061		164561	
31/32	8370062		164562	
63/64	8370063		164563	

ROUND SHANK

Size	REPUBLIC Round Shank		REPUBLIC 3 Flatted Shank	
	Order No.	Price	Order No.	Price
1	8370064		164564	
1-1/64	8370065		164565	
1-1/32	8370066		164566	
1-3/64	8370067		164567	
1-1/16	8370068		164568	
1-5/64	8370069		164569	
1-3/32	8370070		164570	
1-7/64	8370071		164571	
1-1/8	8370072		164572	
1-9/64	8370073		164573	
1-5/32	8370074		164574	
1-11/64	8370075		164575	
1-3/16	8370076		164576	
1-13/64	8370077		164577	
1-7/32	8370078		164578	
1-15/64	8370079		164579	
1-1/4	8370080		164580	
1-17/64	8370081		164581	
1-9/32	8370082		164582	
1-19/64	8370083		164583	
1-5/16	8370084		164584	
1-21/64	8370085		164585	
1-11/32	8370086		164586	
1-23/64	8370087		164587	
1-3/8	8370088		164588	
1-25/64	8370089		164589	
1-13/32	8370090		164590	
1-27/64	8370091		164591	
1-7/16	8370092		164592	
1-29/64	8370093		164593	
1-15/32	8370094		164594	
1-31/64	8370095		164595	
1-1/2	8370096		164596	



HIGH SPEED STEEL

**REDUCED SHANK**

**DRILL SETS**

Supplied in Wood Stand.  
 SERIES 29:



MEDA			
Set Description	No. per Set	Order No.	Price
1/2" Shank-9/16" - 1" x 16ths	8	1100008	
1/2" Shank - 33/64"-1" x 64ths	32	0293364	
1/2" Shank -17/32"- 3/4 x 32nds & 13/16" - 1" x 16ths	12	0293464	
REPUBLIC			
		Order No.	Price
1/2" Shank -9/16" - 1" x 16ths	8	8370008*	
1/2" Shank -9/16" - 1 x 16ths + 1-1/8 x 1-1/4	10	8370010	
1/2" Shank -1/2" - 1" x 64ths	33	8370032	
1/2" Shank- 1-1/16"- 1-1/2" x 16ths	8	8370018	
1/2" Shank - 17/32"-3/4" x 32nds, 13/16", 7/8, 15/16, 31/32 + 1"	13	8370013	

\*Supplied in metal case.

CUTTING TOOLS - DRILLS



COBALT STEEL

**SILVER AND  
DEMING DRILLS -**

**1/2" SHANK**

SERIES 532: MEDA - SUPERIOR IMPORT (118° POINT)  
SERIES 837: REPUBLIC (135° NOTCHED POINT)

FLUTE LENGTH: 3" / OVERALL LENGTH: 6"  
SIZE OF SHANK: 1/2" DIA. X 2-1/4" LONG



HIGH SPEED STEEL

**SILVER AND DEMING DRILLS -**

**1/2" SHANK - METRIC SIZES**

SERIES 206: MEDA - SUPERIOR IMPORT

SERIES 837: REPUBLIC DRILL



FLUTE LENGTH: 3" / OVERALL LENGTH: 6"  
SIZE OF SHANK: 1/2" DIA. X 2-1/4" LONG



118° Point

Size	MEDA		REPUBLIC Round Shank		REPUBLIC Flatted Shank	
	Order No.	Price	Order No.	Price	Order No.	Price
1/2	-		8375032		8375132	
33/64	5320033		8375033		8375133	
17/32	5320034		8375034		8375134	
35/64	5320035		8375035		8375135	
9/16	5320036		8375036		8375136	
37/64	5320037		8375037		8375137	
19/32	5320038		8375038		8375138	
39/64	5320039		8375039		8375139	
5/8	5320040		8375040		8375140	
41/64	5320041		8375041		8375141	
21/32	5320042		8375042		8375142	
43/64	5320043		8375043		8375143	
11/16	5320044		8375044		8375144	
45/64	5320045		8375045		8375145	
23/32	5320046		8375046		8375146	
47/64	5320047		8375047		8375147	
3/4	5320048		8375048		8375148	
49/64	5320049		8375049		8375149	
25/32	5320050		8375050		8375150	
51/64	5320051		8375051		8375151	
13/16	5320052		8375052		8375152	
53/64	5320053		8375053		8375153	
27/32	5320054		8375054		8375154	
55/64	5320055		8375055		8375155	
7/8	5320056		8375056		8375156	
57/64	5320057		8375057		8375157	
29/32	5320058		8375058		8375158	
59/64	5320059		8375059		8375159	
15/16	5320060		8375060		8375160	
61/64	5320061		8375061		8375161	
31/32	5320062		8375062		8375162	
63/64	5320063		8375063		8375163	
1	5320064		8375064		8375164	
1-1/32	5320066		8375066		8375166	
1-1/16	5320068		8375068		8375168	
1-3/32	5320070		8375070		8375170	
1-1/8	5320072		8375072		8375172	
1-5/32	5320074		8375074		8375174	
1-3/16	5320076		8375076		8375176	
1-7/32	5320078		8375078		8375178	
1-1/4	5320080		8375080		8375180	
1-9/32	127118		8375082		8375182	
1-5/16	5320084		8375084		8375184	
1-11/32	127122		8375086		8375186	
1-3/8	5320088		8375088		8375188	
1-13/32	127126		8375090		8375190	
1-7/16	5320092		8375092		8375192	
1-15/32	127130		8375094		8375194	
1-1/2	5320096		8375096		8375196	

Size	MEDA		REPUBLIC	
	Order No.	Price	Order No.	Price
12.5	5167125		-	
13.0	5167130		3031300	
13.5	5167135		3031350	
14.0	5167140		3031400	
14.5	5167145		3031450	
15.0	5167150		3031500	
15.5	5167155		3031550	
16.0	5167160		3031600	
16.5	5167165		3031650	
17.0	5167170		3031700	
17.5	5167175		3031750	
18.0	5167180		3031800	
18.5	5167185		3031850	
19.0	5167190		3031900	
19.5	5167195		3031950	
20.0	5167200		9032000	
20.5	5167205		3032050	
21.0	5167210		3032100	
21.5	5167215		3032150	
22.0	5167220		3032200	
22.5	5167225		3032250	
23.0	5167230		3032300	
23.5	5167235		3032350	
24.0	5167240		3032400	
24.5	5167245		3032450	
25.0	5167250		3032500	
25.5	5167255		3032550	
26.0	5167260		3032600	
26.5	5167265		3032650	
27.0	5167270		3032700	
27.5	5167275		3032750	
28.0	5167280		3032800	
28.5	5167285		3032850	
29.0	5167290		3032900	
29.5	5167295		-	
30.0	5167300		3033000	
30.5	5167305		3033050	
31.0	5167310		3033100	
31.5	5167315		-	
32.0	5167320		-	
32.5	5167325		-	
33.0	5167330		-	
33.5	5167335		-	
34.0	5167340		-	
34.5	5167345		-	
35.0	5167350		-	
35.5	5167355		-	
36.0	5167360		-	
36.5	5167365		-	
37.0	5167370		-	
37.5	5167375		-	
38.0	5167380		-	
39.0	134366		-	
40.0	134368		-	



HIGH SPEED STEEL - **EXTRA LENGTH DRILLS - 1/2" SHANK**



SERIES 978:

12" OVERALL LENGTH / 9" FLUTE LENGTH  
18" OVERALL LENGTH / 12" FLUTE LENGTH

Sizes	12" OAL		18" OAL	
	Order No.	Price	Order No.	Price
33/64	9782449		9782507	
17/32	9782450		9782508	
35/64	9782451		9782509	
9/16	9782452		9782510	
37/64	9782453		9782511	
19/32	9782454		9782512	
39/64	9782455		9782513	
5/8	9782456		9782514	
41/64	9782457		9782515	
21/32	9782458		9782516	
43/64	9782459		9782517	
11/16	9782460		9782518	
45/64	9782461		9782519	
23/32	9782462		9782520	
47/64	9782463		9782521	
3/4	9782464		9782522	



Sizes	12" OAL		18" OAL	
	Order No.	Price	Order No.	Price
49/64	9782465		9782523	
25/32	9782466		9782524	
51/64	9782467		9782525	
13/16	9782468		9782526	
53/64	9782469		9782527	
27/32	9782470		9782528	
55/64	9782471		9782529	
7/8	9782472		9782530	
57/64	9782473		9782531	
29/32	9782474		9782532	
59/64	9782475		9782533	
15/16	9782476		9782534	
51/64	9782477		9782535	
31/32	9782478		9782536	
63/64	9782479		9782537	
1	9782480		9782538	

HIGH SPEED STEEL

**3/4" SHANK DRILLS -**  
SERIES 44:



HIGH SPEED STEEL AND COBALT STEEL

**3/4" SHANK DRILLS**  
SERIES 837:



FLUTE LENGTH: 3" / OVERALL LENGTH: 6"  
SHANK SIZE: 3/4 DIA. x 2-1/4 LONG

H.S.S. 118° POINT / COBALT 135° NOTCHED POINT  
SIZE OF SHANK: 3/4" DIA. x 2-1/4" LONG

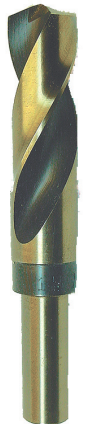
Size	Order No.	Price
25/32	1105050	
13/16	1105052	
27/32	1105054	
7/8	1105056	
29/32	1105058	
15/16	1105060	
31/32	1105062	
1	1105064	
1-1/32	1105066	
1-1/16	1105068	
1-3/32	1105070	
1-1/8	1105072	
1-5/32	1105074	
1-3/16	1105076	
1-7/32	1105078	
1-1/4	1105080	
1-9/32	1105082	
1-5/16	1105084	
1-11/32	1105086	
1-3/8	1105088	
1-13/32	1105090	
1-7/16	1105092	
1-15/32	1105094	
1-1/2	1105096	
1-17/32	1105134	
1-9/16	1105136	
1-19/32	1105138	
1-5/8	1105140	
1-21/32	1105142	
1-11/16	1105144	
1-23/32	1105146	
1-3/4	1105148	
1-25/32	1105150	
1-13/16	1105152	
1-27/32	1105154	
1-7/8	1105156	
1-29/32	1105158	
1-15/16	1105160	
1-31/32	1105162	
2	1105200	



Size	H.S.S.		Cobalt	
	Order No.	Price	Order No.	Price
25/32	8371050		8372050	
13/16	8371052		8372052	
27/32	8371054		8372054	
7/8	8371056		8372056	
29/32	8371058		8372058	
15/16	8371060		8372060	
31/32	8371062		8372062	
1	8371064		8372064	
1-1/32	8371066		8372066	
1-1/16	8371068		8372068	
1-3/32	8371070		8372070	
1-1/8	8371072		8372072	
1-5/32	8371074		8372074	
1-3/16	8371076		8372076	
1-7/32	8371078		8372078	
1-1/4	8371080		8372080	
1-9/32	8371082		8372082	
1-5/16	8371084		8372084	
1-11/32	8371086		8372086	
1-3/8	8371088		8372088	
1-13/32	8371090		8372090	
1-7/16	8371092		8372092	
1-15/32	8371094		8372094	
1-1/2	8371096		8372096	
1-17/32	8371134		-	
1-9/16	8371136		8372136	
1-19/32	8371138		-	
1-5/8	8371140		8372140	
1-21/32	8371142		-	
1-11/16	8371144		8372144	
1-23/32	8371146		-	
1-3/4	8371148		8372148	
1-25/32	8371150		-	
1-13/16	8371152		8372152	
1-27/32	8371154		-	
1-7/8	8371156		8372156	
1-29/32	8371158		-	
1-15/16	8371160		-	
1-31/32	8371162		-	
2	8371200		8372200	



HIGH SPEED STEEL



COBALT STEEL



**3/8" SHANK - METAL WORKING**

SERIES 837:  
HIGH SPEED STEEL, 118° Point  
COBALT, 135° Notched Point



Size	Dec. Equiv.	High Speed Steel		Cobalt	
		Order No.	Price	Order No.	Price
25/64	.3906	9980025		3082025	
13/32	.4062	3080026		3082026	
27/64	.4219	3080027		3082027	
7/16	.4375	3080028		3082028	
29/64	.4531	9980029		3082029	
15/32	.4688	3080030		3082030	
31/64	.4844	3080031		3082031	
1/2	.5000	3080032		3082032	

Size	Dec. Equiv.	High Speed Steel		Cobalt	
		Order No.	Price	Order No.	Price
33/64	.5156	3080033		3082033	
17/32	.5312	3080034		3082034	
35/64	.5469	9980035		3082035	
9/16	.5625	3080036		3082036	
37/64	.5781	3080037		3082037	
19/32	.5938	3080038		3082038	
39/64	.6094	3080039		3082039	
5/8	.6250	9980040		3082040	

Size	Dec. Equiv.	High Speed Steel		Cobalt	
		Order No.	Price	Order No.	Price
41/64	.6406	3080041		3082041	
21/32	.6562	3080042		3082042	
43/64	.6719	3080043		3082043	
11/16	.6875	3080044		3082044	
45/64	.7031	3080045		3082045	
23/32	.7188	3080046		3082046	
47/64	.7344	3080047		3082047	
3/4	.7500	3080048		3082048	

HIGH SPEED STEEL

**TAPER SHANK DRILLS - REGULAR SHANK**

SERIES 32:



Additional sizes: 1/16 - 4"  
now available.  
See our website or inquire.



Size	M.T.	Flute Lgth.	OAL	Order No.	Price	Size	M.T.	Flute Lgth.	OAL	Order No.	Price	Size	M.T.	Flute Lgth.	OAL	Order No.	Price
1/8	1	1-7/8	5-1/8	1550081		55/64	3	6-1/8	10-3/4	1550553		1-19/32	5	9-7/8	16-7/8	1551385	
9/64	1	2-1/8	5-3/8	1550091		7/8	3	6-1/8	10-3/4	1550563		1-39/64	5	10	17	1551395	
5/32	1	2-1/8	5-3/8	1550101		57/64	3	6-1/8	10-3/4	1550573		1-5/8	5	10	17	1551405	
11/64	1	2-1/2	5-3/4	1550111		29/32	3	6-1/8	10-3/4	1550583		1-41/64	5	10-1/8	17-1/8	1551415	
3/16	1	2-1/2	5-3/4	1550121		59/64	3	6-1/8	10-3/4	1550593		1-21/32	5	10-1/8	17-1/8	1551425	
13/64	1	2-3/4	6	1550131		15/16	3	6-1/8	10-3/4	1550603		1-43/64	5	10-1/8	17-1/8	1551435	
7/32	1	2-3/4	6	1550141		61/64	3	6-3/8	11	1550613		1-11/16	5	10-1/8	17-1/8	1551445	
15/64	1	2-7/8	6-1/8	1550151		31/32	3	6-3/8	11	1550623		1-45/64	5	10-1/8	17-1/8	1551455	
1/4	1	2-7/8	6-1/8	1550161		63/64	3	6-3/8	11	1550633		1-23/32	5	10-1/8	17-1/8	1551465	
17/64	1	3	6-1/4	1550171		1	3	6-3/8	11	1550643		1-47/64	5	10-1/8	17-1/8	1551475	
9/32	1	3	6-1/4	1550181		1-1/64	3	6-1/2	11-1/8	1550653		1-3/4	5	10-1/8	17-1/8	1551485	
19/64	1	3-1/8	6-3/8	1550191		1-1/32	3	6-1/2	11-1/8	1550663		1-25/32	5	10-1/8	17-1/8	1551505	
5/16	1	3-1/8	6-3/8	1550201		1-3/64	3	6-5/8	11-1/4	1550673		1-13/16	5	10-1/8	17-1/8	1551525	
21/64	1	3-1/4	6-1/2	1550211		1-1/16	3	6-5/8	11-1/4	1550683		1-27/32	5	10-1/8	17-1/8	1551545	
11/32	1	3-1/4	6-1/2	1550221		1-5/64	4	6-7/8	12-1/2	1550694		1-7/8	5	10-3/8	17-3/8	1551565	
23/64	1	3-1/2	6-3/4	1550231		1-3/32	4	6-7/8	12-1/2	1550704		1-29/32	5	10-3/8	17-3/8	1551585	
3/8	1	3-1/2	6-3/4	1550241		1-7/64	4	7-1/8	12-3/4	1550714		1-15/16	5	10-3/8	17-3/8	1551605	
25/64	1	3-5/8	7	1550251		1-1/8	4	7-1/8	12-3/4	1550724		1-31/32	5	10-3/8	17-3/8	1551625	
13/32	1	3-5/8	7	1550261		1-9/64	4	7-1/4	12-7/8	1550734		2	5	10-3/8	17-3/8	1552005	
27/64	1	3-7/8	7-1/4	1550271		1-5/32	4	7-1/4	12-7/8	1550744		2-1/32	5	10-3/8	17-3/8	1552025	
7/16	1	3-7/8	7-1/4	1550281		1-11/64	4	7-3/8	13	1550754		2-1/16	5	10-1/4	17-3/8	1552045	
29/64	1	4-1/8	7-1/2	1550291		1-3/16	4	7-3/8	13	1550764		2-3/32	5	10-1/4	17-3/8	1552065	
15/32	1	4-1/8	7-1/2	1550301		1-13/64	4	7-1/2	13-1/8	1550774		2-1/8	5	10-1/4	17-3/8	1552085	
31/64	2	4-3/8	8-1/4	1550312		1-7/32	4	7-1/2	13-1/8	1550784		2-5/32	5	10-1/4	17-3/8	1552105	
1/2	2	4-3/8	8-1/4	1550322		1-15/64	4	7-7/8	13-1/2	1550794		2-3/16	5	10-1/4	17-3/8	1552125	
33/64	2	4-5/8	8-1/2	1550332		1-1/4	4	7-7/8	13-1/2	1550804		2-7/32	5	10-1/8	17-3/8	1552145	
17/32	2	4-5/8	8-1/2	1550342		1-17/64	4	8-1/2	14-1/8	1550814		2-1/4	5	10-1/8	17-3/8	1552165	
35/64	2	4-7/8	8-3/4	1550352		1-9/32	4	8-1/2	14-1/8	1550824		2-5/16	5	10-1/8	17-3/8	1552205	
9/16	2	4-7/8	8-3/4	1550362		1-19/64	4	8-5/8	14-1/4	1550834		2-3/8	5	10-1/8	17-3/8	1552245	
37/64	2	4-7/8	8-3/4	1550372		1-5/16	4	8-5/8	14-1/4	1550844		2-7/16	5	11-1/4	18-3/4	1552285	
19/32	2	4-7/8	8-3/4	1550382		1-21/64	4	8-3/4	14-3/8	1550854		2-1/2	5	11-1/4	18-3/4	1552325	
39/64	2	4-7/8	8-3/4	1550392		1-11/32	4	8-3/4	14-3/8	1550864		2-9/16	5	11-7/8	19-1/2	1552365	
5/8	2	4-7/8	8-3/4	1550402		1-23/64	4	8-7/8	14-1/2	1550874		2-5/8	5	11-7/8	19-1/2	1552405	
41/64	2	5-1/8	9	1550412		1-3/8	4	8-7/8	14-1/2	1550884		2-11/16	5	12-3/4	20-3/8	1552445	
21/32	2	5-1/8	9	1550422		1-25/64	4	9	14-5/8	1550894		2-3/4	5	12-3/4	20-3/8	1552485	
43/64	2	5-3/8	9-1/4	1550432		1-13/32	4	9	14-5/8	1550904		2-13/16	5	13-3/8	21-1/8	1552525	
11/16	2	5-3/8	9-1/4	1550442		1-27/64	4	9-1/8	14-3/4	1550914		2-7/8	5	13-3/8	21-1/8	1552565	
45/64	2	5-5/8	9-1/2	1550452		1-7/16	4	9-1/8	14-3/4	1550924		2-15/16	5	14	21-3/4	1552605	
23/32	2	5-5/8	9-1/2	1550462		1-29/64	4	9-1/4	14-7/8	1550934		3	5	14	21-3/4	1553005	
47/64	2	5-7/8	9-3/4	1550472		1-15/32	4	9-1/4	14-7/8	1550944		3-1/16	6	14-5/8	24-1/2	1553046	
3/4	2	5-7/8	9-3/4	1550482		1-31/64	4	9-3/8	15	1550954		3-1/8	6	14-5/8	24-1/2	1553086	
49/64	2	6	9-7/8	1550492		1-1/2	4	9-3/8	15	1550964		3-3/16	6	14-5/8	24-1/2	1553126	
25/32	2	6	9-7/8	1550502		1-33/64	5	9-3/8	16-3/8	1551335		3-1/4	6	15-1/2	25-1/2	1553166	
51/64	3	6-1/8	10-3/4	1550513		1-17/32	5	9-3/8	16-3/8	1551345		3-5/16	6	15-1/2	25-1/2	1553206	
13/16	3	6-1/8	10-3/4	1550523		1-35/64	5	9-5/8	16-5/8	1551355		3-3/8	6	15-1/2	25-1/2	1553246	
53/64	3	6-1/8	10-3/4	1550533		1-9/16	5	9-5/8	16-5/8	1551365		3-7/16	6	15-1/2	25-1/2	1553286	
27/32	3	6-1/8	10-3/4	1550543		1-37/64	5	9-7/8	16-7/8	1551375		3-1/2	6	16-3/8	26-1/2	1553326	

CUTTING TOOLS - DRILLS



HIGH SPEED STEEL

**TAPER SHANK DRILLS -  
SHANKS SMALLER THAN REGULAR**  
SERIES 33:



Size	Morse Taper	Flute Lgth	Overall Lgth	Order No.	Price	Size	Morse Taper	Flute Lgth	Overall Lgth	Order No.	Price
31/64	1	4-3/8	7-3/4	1600311		1-19/32	4	9-7/8	15-1/2	1601384	
1/2	1	4-3/8	7-3/4	1600321		1-39/64	4	10	15-5/8	1601394	
33/64	1	4-5/8	8	1600331		1-5/8	4	10	15-5/8	1601404	
17/32	1	4-5/8	8	1600341		1-41/64	4	10-1/8	15-3/4	1601414	
35/64	1	4-7/8	8-1/4	1600351		1-21/32	4	10-1/8	15-3/4	1601424	
9/16	1	4-7/8	8-1/4	1600361		1-43/64	4	10-1/8	15-3/4	1601434	
51/64	2	6-1/8	10	1600512		1-11/16	4	10-1/8	15-3/4	1601444	
13/16	2	6-1/8	10	1600522		1-45/64	4	10-1/8	15-3/4	1601454	
53/64	2	6-1/8	10	1600532		1-23/32	4	10-1/8	15-3/4	1601464	
27/32	2	6-1/8	10	1600542		1-47/64	4	10-3/8	16-1/4	1601474	
55/64	2	6-1/8	10	1600552		1-3/4	4	10-3/8	16-1/4	1601484	
7/8	2	6-1/8	10	1600562		1-49/64	4	10-3/8	16-1/4	1601494	
57/64	2	6-1/8	10	1600572		1-25/32	4	10-3/8	16-1/4	1601504	
29/32	2	6-1/8	10	1600582		1-51/64	4	10-3/8	16-1/4	1601514	
59/64	2	6-1/8	10	152059		1-13/16	4	10-3/8	16-1/4	1601524	
15/16	2	6-1/8	10	152060		1-53/64	4	10-3/8	16-1/4	1601534	
61/64	2	6-3/8	10-1/4	152061		1-27/32	4	10-3/8	16-1/4	1601544	
63/64	2	6-3/8	10-1/4	152063		1-55/64	4	10-3/8	16-1/4	1601554	
1	2	6-3/8	10-1/4	152064		1-7/8	4	10-1/2	16-1/2	1601564	
1-5/64	3	6-7/8	11-1/2	1600693		1-57/64	4	10-1/2	16-1/2	1601574	
1-3/32	3	6-7/8	11-1/2	1600703		1-29/32	4	10-1/2	16-1/2	1601584	
1-7/64	3	7-1/8	11-3/4	1600713		1-59/64	4	10-1/2	16-1/2	1601594	
1-1/8	3	7-1/8	11-3/4	1600723		1-15/16	4	10-5/8	16-5/8	1601604	
1-9/64	3	7-1/4	11-7/8	1600733		1-61/64	4	10-5/8	16-5/8	1601614	
1-5/32	3	7-1/4	11-7/8	1600743		1-31/32	4	10-5/8	16-5/8	1601624	
1-11/64	3	7-3/8	12	1600753		1-63/64	4	10-5/8	16-5/8	1601634	
1-3/16	3	7-3/8	12	1600763		2	4	10-5/8	16-5/8	1602004	
1-13/64	3	7-1/2	12-1/8	1600773		2-1/8	4	10-5/8	16-5/8	1602084	
1-7/32	3	7-1/2	12-1/8	1600783		2-3/16	4	10-5/8	16-5/8	1602124	
1-15/64	3	7-7/8	12-1/2	1600793		2-1/4	4	10-5/8	16-5/8	1602164	
1-1/4	3	7-7/8	12-1/2	1600803		2-5/16	4	10-5/8	16-5/8	1602204	
1-17/64	3	8-1/2	13-1/8	153117		2-3/8	4	10-5/8	16-5/8	1602244	
1-33/64	4	9-3/8	15	1601334		2-1/2	4	11-1/4	18	1602324	
1-17/32	4	9-3/8	15	1601344		3-1/8	5	14-1/4	22	1603085	
1-35/64	4	9-5/8	15-1/4	1601354		3-1/4	5	15-1/4	23	1603165	
1-9/16	4	9-5/8	15-1/4	1601364		3-1/2	5	16-1/4	24	1603325	
1-37/64	4	9-7/8	15-1/2	1601374		3-3/4	5	16-1/4	24	155348	

CUTTING TOOLS - DRILLS

HIGH SPEED STEEL

**TAPER SHANK DRILLS -  
SMALLER / LARGER SHANKS**  
SERIES 975:



Smaller

Larger

Drill Size	Flute Lgth.	Overall Lgth.	Shank Taper No.	Order No.	Price
3/8	3-1/2	7-3/8	2	187009	
25/64	3-5/8	7-1/2	2	187017	
13/32	3-5/8	7-1/2	2	187025	
27/64	3-7/8	7-3/4	2	187033	
7/16	3-7/8	7-3/4	2	187041	
29/64	4-1/8	8	2	187058	
15/32	4-1/8	8	2	187066	
1/2	4-3/8	7-3/4	1	188015	
9/16	4-7/8	8-1/4	1	188056	
41/64	5-1/8	9-3/4	3	187074	
21/32	5-1/8	9-3/4	3	187082	
11/16	5-3/8	10	3	187108	
3/4	5-7/8	10-1/2	3	187140	
49/64	6	10-5/8	3	187157	
25/32	6	10-5/8	3	187165	
13/16	6-1/8	10	2	188072	
7/8	6-1/8	10	2	188114	
1	6-3/8	12	4	187173	
1-1/16	6-5/8	12-1/4	4	187199	

Additional sizes:  
21/64 - 4"  
now available.  
See our website or inquire.

Drill Size	Flute Lgth.	Overall Lgth.	Shank Taper No.	Order No.	Price
1-1/8	7-1/8	11-3/4	3	188171	
1-5/32	7-1/4	11-7/8	3	188197	
1-3/16	7-3/8	12	3	188213	
1-7/32	7-1/2	12-1/8	3	188239	
1-1/4	7-7/8	12-1/2	3	188254	
1-5/16	8-5/8	13-1/4	3	9751203	
1-1/2	9-3/8	14	3	9751323	
1-17/32	9-5/8	15-1/4	4	188270	
1-9/16	9-7/8	15-1/2	4	188288	
1-19/32	10	15-5/8	4	188296	
1-5/8	10-1/8	15-3/4	4	188304	
1-11/16	10-3/8	16-1/4	4	188320	
1-3/4	10-3/8	16-1/4	4	188346	
1-13/16	10-3/8	16-1/4	4	9751524	
1-15/16	10-5/8	16-5/8	4	9751604	
2	10-5/8	16-5/8	4	188387	
2-1/4	10-5/8	16-1/8	4	9752164	
2-1/2	11-1/4	17-1/4	4	9752324	



HIGH SPEED STEEL

**TAPER SHANK DRILLS - STANDARD SHANK**

SERIES 975:

- General purpose flute construction for use in a wide variety of materials.
- Black oxide finish for increased wear resistance and improved lubricity, reducing chip welding and galling.

For Sets  
see page 52



Drill Size	Flute Lgth.	Overall Lgth.	Shank Taper No.	Order No.	Price
1/8	1-7/8	5-1/8	1	183008	
9/64	2-1/8	5-3/8	1	183016	
5/32	2-1/8	5-3/8	1	183024	
11/64	2-1/2	5-3/4	1	183032	
3/16	2-1/2	5-3/4	1	183040	
13/64	2-3/4	6	1	183057	
7/32	2-3/4	6	1	183065	
15/64	2-7/8	6-1/8	1	183073	
1/4	2-7/8	6-1/8	1	183081	
17/64	3	6-1/4	1	183099	
9/32	3	6-1/4	1	183107	
19/64	3-1/8	6-3/8	1	183115	
5/16	3-1/8	6-3/8	1	183123	
21/64	3-1/4	6-1/2	1	9183131	
11/32	3-1/4	6-1/2	1	183149	
23/64	3-1/2	6-3/4	1	183156	
3/8	3-1/2	6-3/4	1	183164	
25/64	3-5/8	7	1	183172	
13/32	3-5/8	7	1	183180	
27/64	3-7/8	7-1/4	1	183198	
7/16	3-7/8	7-1/4	1	183206	
29/64	4-1/8	7-1/2	1	183214	
15/32	4-1/8	7-1/2	1	183222	
31/64	4-3/8	8-1/4	2	183230	
1/2	4-3/8	8-1/4	2	183248	
33/64	4-5/8	8-1/2	2	183255	
17/32	4-5/8	8-1/2	2	183263	
35/64	4-7/8	8-3/4	2	183271	
9/16	4-7/8	8-3/4	2	183289	
37/64	4-7/8	8-3/4	2	183297	
19/32	4-7/8	8-3/4	2	183305	
39/64	4-7/8	8-3/4	2	183313	
5/8	4-7/8	8-3/4	2	183321	
41/64	5-1/8	9	2	183339	
21/32	5-1/8	9	2	183347	
43/64	5-3/8	9-1/4	2	183354	
11/16	5-3/8	9-1/4	2	183362	
45/64	5-5/8	9-1/2	2	183370	
23/32	5-5/8	9-1/2	2	183388	
47/64	5-7/8	9-3/4	2	183396	
3/4	5-7/8	9-3/4	2	183404	
49/64	6	9-7/8	2	183412	
25/32	6	9-7/8	2	183420	
51/64	6-1/8	10-3/4	3	183438	
13/16	6-1/8	10-3/4	3	183446	
53/64	6-1/8	10-3/4	3	183453	
27/32	6-1/8	10-3/4	3	183461	
55/64	6-1/8	10-3/4	3	183479	
7/8	6-1/8	10-3/4	3	183487	
57/64	6-1/8	10-3/4	3	183495	
29/32	6-1/8	10-3/4	3	183503	
59/64	6-1/8	10-3/4	3	183511	
15/16	6-1/8	10-3/4	3	183529	
61/64	6-3/8	11	3	183537	
31/32	6-3/8	11	3	183545	
63/64	6-3/8	11	3	183552	

Additional sizes available.  
See our website or inquire.

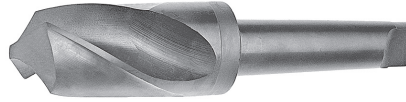
Drill Size	Flute Lgth.	Overall Lgth.	Shank Taper No.	Order No.	Price
1	6-3/8	11	3	183560	
1-1/64	6-1/2	11-1/8	3	183578	
1-1/32	6-1/2	11-1/8	3	183586	
1-3/64	6-5/8	11-1/4	3	183594	
1-1/16	6-5/8	11-1/4	3	183602	
1-5/64	6-7/8	12-1/2	4	183610	
1-3/32	6-7/8	12-1/2	4	183628	
1-7/64	7-1/8	12-3/4	4	183636	
1-1/8	7-1/8	12-3/4	4	183644	
1-9/64	7-1/4	12-7/8	4	183651	
1-5/32	7-1/4	12-7/8	4	183669	
1-11/64	7-3/8	13	4	183677	
1-3/16	7-3/8	13	4	183685	
1-13/64	7-1/2	13-1/8	4	183693	
1-7/32	7-1/2	13-1/8	4	183702	
1-15/64	7-7/8	13-1/2	4	183719	
1-1/4	7-7/8	13-1/2	4	183727	
1-9/32	8-1/2	14-1/4	4	183743	
1-5/16	8-5/8	14-1/4	4	183768	
1-11/32	8-3/4	14-3/8	4	183784	
1-3/8	8-7/8	14-1/2	4	183802	
1-13/32	9	14-5/8	4	183826	
1-7/16	9-1/8	14-3/4	4	183842	
1-15/32	9-1/4	14-7/8	4	183867	
1-1/2	9-3/8	15	4	183883	
1-17/32	9-3/8	16-3/8	5	183891	
1-9/16	9-5/8	16-5/8	5	183909	
1-19/32	9-7/8	16-7/8	5	183917	
1-5/8	10	17	5	183925	
1-11/16	10-1/8	17-1/8	5	183941	
1-47/64	10-1/8	17-1/8	5	9751475	
1-3/4	10-1/8	17-1/8	5	183966	
1-13/16	10-1/8	17-1/8	5	183974	
1-7/8	10-1/8	17-3/8	5	183990	
1-15/16	10-3/8	17-3/8	5	184014	
2	10-3/8	17-3/8	5	184030	
2-1/16	10-1/4	17-3/8	5	184055	
2-1/8	10-1/4	17-3/8	5	184071	
2-3/16	10-1/4	17-3/8	5	184097	
2-1/4	10-1/8	17-3/8	5	184113	
2-5/16	10-1/8	17-3/8	5	9752205	
2-3/8	10-1/8	17-3/8	5	9752245	
2-7/16	11-1/4	18-3/4	5	9752285	
2-1/2	11-1/4	18-3/4	5	9772325	
2-9/16	11-7/8	19-1/2	5	9752365	
2-5/8	11-7/8	19-1/2	5	9752405	
2-11/16	12-3/4	20-3/8	5	9752445	
2-3/4	12-3/4	20-3/8	5	9752485	
2-13/16	13-3/8	21-1/8	5	9952525	
2-7/8	13-3/8	21-1/8	5	9752565	
2-15/16	14	21-3/4	5	9752605	
3	14	21-3/4	5	9753005	
3-1/16	14-5/8	24-1/2	6	9753046	
3-1/18	14-5/8	24-1/2	6	9753086	
3-3/16	14-5/8	24-1/2	6	9753126	
3-1/4	15-1/2	25-1/2	6	9753166	
3-5/16	15-1/2	25-1/2	6	9753206	
3-3/8	15-1/2	25-1/2	6	9753246	
3-7/16	15-1/2	25-1/2	6	9753286	
3-1/2	16-3/8	26-1/2	6	9753326	
3-5/8	16-3/8	26-1/2	6	9753406	
3-3/4	16-3/8	26-1/2	6	9753486	
3-7/8	16-3/8	26-1/2	6	9753566	
4	17-1/2	27-1/2	6	9754006	

HIGH SPEED STEEL

**TAPER SHANK DRILLS - STUB LENGTH (BIG BOY)**

FLUTE LENGTH: 5", OVERALL LENGTH: 12"

SERIES 34:



**Republic**  
Drill Corporation  
\*\*\* MADE IN THE USA \*\*\*

Republic Drills  
available. See our  
website or inquire.



Size	Morse Taper	Order No.	Price	Size	Morse Taper	Order No.	Price	Size	Morse Taper	Order No.	Price	Size	Morse Taper	Order No.	Price
2	4	1652004		2-1/4	5	1652165					\$16.40	2-9/16	5	1652365	
2	5	1652005		2-5/16	4	1652204					\$18.30	2-5/8	4	1652404	
2-1/16	4	1652044		2-5/16	5	1652205					\$19.50		2-5/8	5	
2-1/16	5	1652045		2-3/8	4	1652244					\$20.50	652405			
2-1/8	4	1652084		2-3/8	5	1652245					\$21.60	2-11/16	4	166944	
2-1/8	5	1652085		2-7/16	4	1652284					\$21.60	2-3/4	4	1652484	
2-3/16	4	1652124		2-7/16	5	1652285					\$21.60	2-3/4	5	1652485	
2-3/16	5	1652125		2-1/2	4	1652324					\$22.90	2-13/16	4	166952	
2-1/4	4	1652164		2-1/2	5	1652325					\$23.10	2-7/8	4	1652564	

HIGH SPEED STEEL

**TAPER SHANK DRILLS - EXTRA LONG**

SERIES 562:



**12" OAL**

Size	Morse Taper	Flute Lgth.	Order No.	Price
1/4	1	9	5621161	
9/32	1	9	5621181	
5/16	1	9	5621201	
11/32	1	9	5621221	
3/8	1	9	5621241	
13/32	1	9	5621261	
7/16	1	9	5621281	
15/32	1	9	5621301	
1/2	2	8	5621322	
17/32	2	8	5621342	
9/16	2	8	5621362	
19/32	2	8	5621382	
5/8	2	8	5621402	
21/32	2	8	5621422	
11/16	2	8	5621442	
23/32	2	8	5621462	
3/4	2	8	5621482	

**18" OAL**

Size	Morse Taper	Flute Lgth.	Order No.	Price
1/4	1	15	5623161	
9/32	1	15	5623181	
5/16	1	15	5623201	
11/32	1	15	5623221	
3/8	1	15	5623241	
13/32	1	15	5623261	
7/16	1	15	5623281	
15/32	1	15	5623301	
1/2	2	14	5623322	
33/64	2	14	166333	
17/32	2	14	5623342	
35/64	2	14	166335	
9/16	2	14	5623362	
37/64	2	14	166337	
19/32	2	14	5623382	
39/64	2	14	166339	
5/8	2	14	5623402	
41/64	2	14	166341	
21/32	2	14	5623422	
43/64	2	14	166343	
11/16	2	14	5623442	
45/64	2	14	166345	
23/32	2	14	5623462	
47/64	2	14	166347	
3/4	2	14	5623482	
49/64	2	14	166349	
25/32	2	14	5623502	
13/16	3	13	5623523	
27/32	3	13	5623543	
7/8	3	13	5623563	
29/32	3	13	5623583	
15/16	3	13	5623603	
31/32	3	13	5623623	
1	3	13	5623643	
1-1/32	3	13	5623663	
1-1/16	3	13	5623683	
1-3/32	4	12	5623704	
1-1/8	4	12	5623724	
1-5/32	4	12	5623744	
1-3/16	4	12	5623764	
1-7/32	4	12	5623784	
1-1/4	4	12	5623804	
1-9/32	4	12	5623824	
1-5/16	4	12	5623844	
1-3/8	4	12	5623884	
1-7/16	4	12	5623924	
1-1/2	4	12	5623964	

**Republic**  
Drill Corporation  
\*\*\* MADE IN THE USA \*\*\*

The world's largest and  
most extensive inventory of  
USA manufactured  
Extra Long Taper  
Shank Drills.

Additional sizes available.  
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or inquire.

**15" OAL**

Size	Morse Taper	Flute Lgth.	Order No.	Price
3/8	1	12	5622241	
25/64	1	12	166225	
13/32	1	12	166226	
27/64	1	12	166227	
7/16	1	12	5622281	
29/64	1	12	166229	
15/32	1	12	166230	
31/64	1	12	166231	
1/2	2	11	5622322	
17/32	2	11	5622342	
9/16	2	11	5622362	
19/32	2	11	5622382	
5/8	2	11	5622402	
21/32	2	11	5622422	
11/16	2	11	5622442	
23/32	2	11	5622462	
3/4	2	11	5622482	
13/16	3	10	5622523	
7/8	3	10	5622563	
15/16	3	10	5622603	
1	3	10	5622643	
1-1/16	3	10	5622683	
1-1/8	4	10	5622724	
1-3/16	4	10	5622764	

**24" OAL**

Size	Morse Taper	Flute Lgth.	Order No.	Price
7/8	3	19	5624563	
57/64	3	19	166557	
29/32	3	19	5624583	
59/64	3	19	166559	
15/16	3	19	5624603	
31/32	3	19	5624623	
1	3	19	5624643	
1-1/32	4	18	5624663	
1-1/16	4	18	5624683	
1-3/32	4	18	5624704	
1-1/8	4	18	5624724	
1-5/32	4	18	5624744	
1-3/16	4	18	5624764	
1-7/32	4	18	5624784	
1-1/4	4	18	5624804	
1-5/16	4	18	5624844	
1-3/8	4	18	5624884	
1-7/16	4	18	5624924	
1-1/2	4	18	5624964	
1-5/8	5	17	5624140	
1-3/4	5	17	5624148	
1-7/8	5	17	5624156	
2	5	17	5624200	

CUTTING TOOLS - DRILLS





HIGH SPEED STEEL  
**EXTRA LONG TAPER SHANK DRILLS**

SERIES 978:

TAPER SHANK, 118° POINT



CUTTING TOOLS - DRILLS

Size	Morse Taper No.	Flute Length	Order No.	Price
<b>8" OVERALL LENGTH</b>				
1/8	1	5	9781355	\$28.46
9/64	1	5	9781356	\$29.85
5/32	1	5	9781357	\$29.85
11/64	1	5	9781358	\$29.85
3/16	1	5	9781359	\$29.85
13/64	1	5	9781360	\$29.85
7/32	1	5	9781361	\$29.85
15/64	1	5	9781362	\$29.85
1/4	1	5	9781363	\$29.85
17/64	1	5	9781364	\$32.33
9/32	1	5	9781365	\$32.33
19/64	1	5	9781366	\$32.31
5/16	1	5	9781367	\$32.31
5/16	2	4	9781368	\$32.31
21/64	1	5	9781369	\$36.33
11/32	1	5	9781370	\$36.33
23/64	1	5	9781371	\$37.37
3/8	1	5	9781372	\$37.37
29/64	1	5	9781373	\$41.13
15/32	1	5	9781374	\$41.13
<b>10" OVERALL LENGTH</b>				
5/32	1	7	9781383	
11/64	1	7	9781384	
13/64	1	7	9781385	
7/32	1	7	9781386	
15/64	1	7	9781387	
1/4	1	7	9781388	
9/32	1	7	9781389	
19/64	1	7	9781390	
21/64	1	7	9781391	
23/64	1	7	9781392	
3/8	1	7	9781393	
7/16	1	7	9781395	
29/64	1	7	9781396	
15/32	1	7	9781397	
31/64	2	6	9781398	
1/2	2	6	9781399	
33/64	2	6	9781400	
17/32	2	6	9781401	
9/16	2	6	9781403	
37/64	2	6	9781404	
19/32	2	6	9781405	
5/8	2	6	9781407	
<b>12" OVERALL LENGTH</b>				
1/8	1	9	9781411	
5/32	1	9	9781412	
11/64	1	9	9781413	
3/16	1	9	9781414	
13/64	1	9	9781415	
7/32	1	9	9781416	
15/64	1	9	9781417	
1/4	1	9	9781418	
17/64	1	9	9781419	
9/32	1	9	9781420	
19/64	1	9	9781421	
5/16	1	9	9781422	
21/64	1	9	9781423	
11/32	1	9	9781424	
23/64	1	9	9781425	
3/8	1	9	9781426	
25/64	1	9	9781427	
13/32	1	9	9781428	
27/64	1	9	9781429	
7/16	1	9	9781430	
29/64	1	9	9781431	
15/32	2	8	9781432	
31/64	2	8	9781433	
1/2	2	8	9781434	
33/64	2	8	9781435	
17/32	2	8	9781436	
35/64	2	8	9781437	
9/16	2	8	9781438	
37/64	2	8	9781439	
19/32	2	8	9781440	
39/64	2	8	9781441	
5/8	2	8	9781442	

Size	Morse Taper No.	Flute Length	Order No.	Price
<b>12" OVERALL LENGTH</b>				
41/64	2	8	9781443	
21/32	2	8	9781444	
43/64	2	8	9781445	
11/16	2	8	9781446	
45/64	2	8	9781447	
23/32	2	8	9781448	
47/64	2	8	9781449	
3/4	2	8	9781450	
49/64	2	8	9781451	
49/64	3	7	9781452	
25/32	2	7	9781453	
25/32	3	7	9781454	
51/64	3	7	9781455	
13/16	3	7	9781456	
53/64	3	7	9781457	
27/32	3	7	9781458	
55/64	3	7	9781459	
7/8	3	7	9781460	
57/64	3	7	9781461	
29/32	3	7	9781462	
59/64	3	7	9781463	
15/16	3	7	9781464	
31/32	3	7	9781465	
1	3	7	9781466	
<b>14" OVERALL LENGTH</b>				
5/16	2	10	9781471	
7/16	1	11	9781472	
15/32	1	11	9781474	
15/32	2	10	9781475	
31/64	2	10	9781476	
1/2	2	10	9781477	
33/64	2	10	9781478	
17/32	2	10	9781479	
9/16	2	10	9781481	
19/32	2	10	9781483	
39/64	2	10	9781484	
5/8	2	10	9781485	
21/32	2	10	9781487	
11/16	2	10	9781488	
45/64	2	10	9781489	
23/32	2	10	9781490	
47/64	2	10	9781491	
3/4	2	10	9781492	
49/64	2	10	9781494	
25/32	2	10	9781495	
27/32	3	9	9781496	
7/8	3	9	9781493	
31/32	3	9	9781498	
63/64	3	9	9781499	
<b>15" OVERALL LENGTH</b>				
3/16	1	12	9781500	
13/64	1	12	9781501	
7/32	1	12	9781502	
15/64	1	12	9781503	
1/4	1	12	9781504	
17/64	1	12	9781505	
9/32	1	12	9781506	
19/64	1	12	9781507	
5/16	1	12	9781508	
21/64	1	12	9781509	
11/32	1	12	9781510	
23/64	1	12	9781511	
3/8	1	12	9781512	
25/64	1	12	9781513	
13/32	1	12	9781514	
27/64	1	12	9781515	
7/16	1	12	9781516	
29/64	1	12	9781517	
15/32	1	12	9781518	
31/64	2	11	9781520	
1/2	2	11	9781521	
33/64	2	11	9781522	
17/32	2	11	9781523	
35/64	1	12	9781524	
35/64	2	11	9781525	
9/16	2	11	9781526	

Size	Morse Taper No.	Flute Length	Order No.	Price
<b>15" OVERALL LENGTH</b>				
37/64	2	11	9781527	
19/32	2	11	9781528	
39/64	2	11	9781529	
5/8	2	11	9781530	
41/64	2	11	9781531	
21/32	2	11	9781532	
43/64	2	11	9781533	
11/16	2	11	9781534	
45/64	2	11	9781535	
23/32	2	11	9781536	
47/64	2	11	9781537	
3/4	2	11	9781538	
49/64	2	11	9781539	
25/32	2	11	9781540	
51/64	3	10	9781541	
13/16	3	10	9781542	
53/64	3	10	9781543	
27/32	3	10	9781544	
55/64	3	10	9781545	
7/8	3	10	9781546	
57/64	3	10	9781547	
29/32	3	10	9781548	
59/64	3	10	9781549	
15/16	3	10	9781550	
61/64	3	10	9781551	
31/32	3	10	9781552	
63/64	3	10	9781553	
1	3	10	9781554	
1-1/64	3	10	9781555	
1-1/32	3	10	9781556	
1-3/64	3	10	9781557	
1-1/16	3	10	9781558	
1-5/64	4	9	9781559	
1-3/32	4	9	9781560	
1-7/64	4	9	9781561	
1-1/8	4	9	9781562	
1-9/64	4	9	9781563	
1-5/32	4	9	9781564	
1-11/64	4	9	9781565	
1-3/16	4	9	9781566	
1-3/16	3	10	9781567	
1-7/32	4	9	9781568	
1-15/64	4	9	9781569	
1-1/4	4	9	9781570	
<b>18" OVERALL LENGTH</b>				
1/4	1	15	9781575	
17/64	1	15	9781576	
9/32	1	15	9781577	
19/64	1	15	9781578	
5/16	1	15	9781579	
21/64	1	15	9781580	
11/32	1	15	9781581	
23/64	1	15	9781582	
3/8	1	15	9781583	
25/64	1	15	9781584	
13/32	1	15	9781585	
27/64	1	15	9781586	
7/16	1	15	9781587	
29/64	1	15	9781588	
15/32	1	15	9781589	
31/64	2	14	9781590	
1/2	2	14	9781591	
33/64	2	14	9781592	
17/32	2	14	9781593	
35/64	2	14	9781594	
9/16	2	14	9781595	
37/64	2	14	9781596	
19/32	2	14	9781597	
39/64	2	14	9781598	
5/8	2	14	9781599	
41/64	2	14	9781600	
21/32	2	14	9781601	
43/64	2	14	9781602	
11/16	2	14	9781603	
45/64	2	14	9781604	
23/32	2	14	9781605	

(Continued)



HIGH SPEED STEEL  
**EXTRA LONG TAPER SHANK DRILLS**

SERIES 978:  
TAPER SHANK, 118° POINT



(Continued)

Size	Morse Taper No.	Flute Length	Order No.	Price
<b>18" OVERALL LENGTH</b>				
47/64	2	14	9781606	
3/4	2	14	9781607	
49/64	2	14	9781608	
25/32	2	14	9781609	
51/64	3	13	9781610	
13/16	3	13	9781611	
53/64	3	13	9781612	
27/32	3	13	9781613	
55/64	3	13	9781614	
7/8	3	13	9781615	
57/64	3	13	9781616	
29/32	3	13	9781617	
59/64	3	13	9781618	
15/16	3	13	9781619	
61/64	3	13	9781620	
31/32	3	13	9781621	
63/64	3	13	9781622	
1	3	13	9781623	
1-1/64	3	13	9781624	
1-1/32	3	13	9781625	
1-3/64	3	13	9781626	
1-1/16	3	13	9781627	
1-5/64	4	12	9781628	
1-3/32	4	12	9781629	
1-7/64	4	12	9781630	
1-1/8	4	12	9781631	
1-9/64	4	12	9781632	
1-5/32	4	12	9781633	
1-11/64	4	12	9781634	
1-3/16	4	12	9781635	
1-7/32	4	12	9781636	
1-15/64	4	12	9781637	
1-1/4	4	12	9781638	
1-17/64	4	12	9781639	
1-9/32	4	12	9781640	
1-5/16	4	12	9781641	
1-11/32	4	12	9781642	
1-23/64	4	12	9781643	
1-3/8	4	12	9781644	
1-13/32	4	12	9781645	
1-7/16	4	12	9781646	
1-15/32	4	12	9781647	
1-1/2	4	12	9781648	
1-9/16	5	10	9781649	
1-5/8	5	10	9781650	
1-11/16	5	10	9781651	
1-3/4	5	10	9781652	
1-13/16	5	10	9781653	
1-7/8	5	10	9781654	
<b>20" OVERALL LENGTH</b>				
33/64	2	16	9781655	
9/16	2	16	9781656	
19/32	2	16	9781657	
47/64	2	16	9781659	
13/16	3	15	9781660	
27/32	3	15	9781661	
7/8	3	15	9781662	
15/16	3	15	9781664	
31/32	3	15	9781665	
1-1/16	3	15	9781666	
1-3/32	4	14	9781667	
1-1/8	4	14	9781668	
1-3/16	4	14	9781670	
1-13/64	4	14	9781671	
1-7/32	4	14	9781672	
1-1/4	4	14	9781673	
1-11/32	4	14	9781674	
1-13/32	4	14	9781676	
1-7/16	4	14	9781677	
1-15/32	4	14	9781678	
1-3/4	5	13	9781679	
2-7/32	5	13	9781681	

Size	Morse Taper No.	Flute Length	Order No.	Price
<b>24" OVERALL LENGTH</b>				
3/8	1	21	9781682	
25/64	1	21	9781683	
13/32	1	21	9781684	
27/64	1	21	9781685	
7/16	1	21	9781686	
29/64	1	21	9781687	
15/32	1	21	9781688	
31/64	2	20	9781689	
1/2	2	20	9781690	
33/64	2	20	9781691	
17/32	2	20	9781692	
35/64	2	20	9781693	
9/16	2	20	9781694	
37/64	2	20	9781695	
19/32	2	20	9781696	
39/64	2	20	9781697	
5/8	2	20	9781698	
41/64	2	20	9781699	
21/32	2	20	9781700	
43/64	2	20	9781701	
11/16	2	20	9781702	
45/64	2	20	9781703	
23/32	2	20	9781704	
47/64	2	20	9781705	
3/4	2	20	9781706	
49/64	2	20	9781707	
25/32	2	20	9781708	
51/64	3	19	9781709	
13/16	3	19	9781710	
53/64	3	19	9781711	
27/32	3	19	9781712	
55/64	3	19	9781713	
7/8	3	19	9781714	
57/64	3	19	9781715	
29/32	3	19	9781716	
59/64	3	19	9781717	
15/16	3	19	9781718	
61/64	3	19	9781719	
31/32	3	19	9781720	
63/64	3	19	9781721	
1	3	19	9781722	
1-1/64	3	19	9781723	
1-1/32	3	19	9781724	
1-3/64	3	19	9781725	
1-1/16	3	19	9781726	
1-5/64	4	18	9781727	
1-3/32	4	18	9781728	
1-1/8	4	18	9781729	
1-9/64	4	18	9781730	
1-5/32	4	18	9781731	
1-11/64	4	18	9781732	
1-3/16	4	18	9781733	
1-13/64	4	18	9781734	
1-7/32	4	18	9781735	
1-15/64	4	18	9781736	
1-1/4	4	18	9781737	
1-17/64	4	18	9781738	
1-9/32	4	18	9781739	
1-5/16	4	18	9781740	
1-11/32	4	18	9781741	
1-23/64	4	18	9781742	
1-3/8	4	18	9781743	
1-13/32	4	18	9781744	
1-7/16	4	18	9781745	
1-15/32	4	18	9781746	
1-1/2	4	18	9781747	
1-9/16	5	17	9781748	
1-5/8	5	17	9781749	
1-11/16	5	17	9781750	
1-3/4	5	17	9781751	
1-25/32	5	17	9781752	
1-13/16	5	17	9781753	
1-7/8	4	18	9781754	
1-7/8	5	17	9781755	
1-15/16	5	17	9781756	
2	4	18	9781757	
2	5	17	9781758	
2-1/16	5	17	9781759	

These drills are utilized in deep hole or long reach drilling applications in many kinds of materials.

Size	Morse Taper No.	Flute Length	Order No.	Price
<b>24" OVERALL LENGTH</b>				
2-1/8	5	17	9781760	
2-3/16	5	17	9781761	
2-7/32	5	17	9781762	
2-1/4	5	17	9781763	
2-5/16	5	17	9781764	
2-3/8	5	17	9781765	
2-7/16	5	17	9781766	
2-1/2	5	17	9781767	
2-9/16	5	17	9781768	
2-5/8	5	17	9781769	
2-11/16	5	17	9781770	
2-3/4	5	17	9781771	
2-13/16	5	17	9781772	
2-7/8	5	17	9781773	
2-15/16	5	17	9781774	
3	5	17	9781775	
<b>30" OVERALL LENGTH</b>				
3/4	2	26	9781776	
13/16	3	25	9781777	
7/8	3	25	9781778	
15/16	3	25	9781779	
1	3	25	9781780	
1-1/16	3	25	9781781	
1-1/8	3	25	9781782	
1-3/16	3	25	9781783	
1-1/4	4	24	9781784	
1-5/16	4	24	9781785	
1-3/8	4	24	9781786	
1-7/16	4	24	9781787	
1-1/2	4	24	9781788	
1-9/16	5	23	9781789	
1-5/8	5	23	9781790	
1-11/16	5	23	9781791	
1-3/4	5	23	9781792	
1-13/16	5	23	9781793	
1-7/8	5	23	9781794	
1-15/16	5	23	9781795	
2	5	23	9781796	
2-1/16	5	23	9781797	
2-1/8	5	23	9781798	
2-3/16	5	23	9781799	
2-1/4	5	23	9781800	
2-5/16	5	23	9781801	
2-3/8	5	23	9781802	
2-7/16	5	23	9781803	
2-1/2	5	23	9781804	
2-5/8	5	23	9781805	
2-3/4	5	23	9781806	
2-7/8	5	23	9781807	
3	5	23	9781808	
3-1/8	5	23	9781809	
3-1/4	5	23	9781810	
3-3/8	5	23	9781811	
3-1/2	5	23	9781812	
<b>36" OVERALL LENGTH</b>				
1-1/2	4	30	9781813	
1-3/4	5	29	9781814	
2	5	29	9781815	
2-1/8	5	29	9781816	
2-1/4	5	29	9781817	
2-3/8	5	29	9781818	
2-1/8	5	29	9781819	
2-5/8	5	29	9781820	
2-3/4	5	29	9781821	
3	5	29	9781822	
3-1/8	5	29	9781823	
3-1/4	5	29	9781824	
3-3/8	5	29	9781825	
3-1/2	5	29	9781826	

CUTTING TOOLS - DRILLS

COBALT STEEL

**TAPER SHANK DRILLS - HEAVY DUTY**

SERIES 533: 135° Notched Point



Additional sizes: 1/4 - 2" now available.  
See our website or inquire.

Size	M.T.	Flute Lgth	OAL	Order No.	Price	Size	M.T.	Flute Lgth	OAL	Order No.	Price	Size	M.T.	Flute Lgth	OAL	Order No.	Price
1/2	2	4-3/8	8-1/4	5330032		27/32	3	6-1/8	10-3/4	5330054		1-3/16	4	7-3/8	13	5330076	
17/32	2	4-5/8	8-1/2	5330034		7/8	3	6-1/8	10-3/4	5330056		1-7/32	4	7-1/2	13-1/8	5330078	
9/16	2	4-7/8	8-3/4	5330036		29/32	3	6-1/8	10-3/4	5330058		1-1/4	4	7-7/8	13-1/2	5330080	
19/32	2	4-7/8	8-3/4	5330038		15/16	3	6-1/8	10-3/4	5330060		1-9/32	4	8-1/2	14-1/8	5330082	
5/8	2	4-7/8	8-3/4	5330040		31/32	3	6-3/8	11	5330062		1-5/16	4	8-5/8	14-1/4	5330084	
21/32	3	5-1/8	9-3/4	5330042		1	3	6-3/8	11	5330064		1-11/32	4	8-3/4	14-3/8	5330086	
11/16	3	5-3/8	10	5330044		1-1/32	4	6-1/2	12-1/8	5330066		1-3/8	4	8-7/8	14-1/2	5330088	
23/32	3	5-5/8	10-1/4	5330046		1-1/16	4	6-5/8	12-1/4	5330068		1-13/32	4	9	14-5/8	5330090	
3/4	3	5-7/8	10-1/2	5330048		1-3/32	4	6-7/8	12-1/2	5330070		1-7/16	4	9-1/8	14-3/4	5330092	
25/32	3	6	10-5/8	5330050		1-1/8	4	7-1/8	12-3/4	5330072		1-15/32	4	9-1/4	14-7/8	5330094	
13/16	3	6-1/8	10-3/4	5330052		1-5/32	4	7-1/4	12-7/8	5330074		1-1/2	4	9-3/8	15	5330096	

HIGH SPEED STEEL

**TAPER SHANK DRILLS - METRIC SIZES**

SERIES 35:



Size mm	M.T. Sk.	Flute Lgth.	Overall Lgth.	Order No.	Price
8.0	1	75	156	1670800	
8.5	1	75	156	1670850	
9.0	1	81	162	1670900	
9.5	1	81	162	1670950	
10.0	1	87	168	1671000	
10.5	1	87	168	1671050	
11.0	1	94	175	1671100	
11.5	1	94	175	1671150	
12.0	1	101	182	1671200	
12.5	1	101	182	1671250	
13.0	1	101	182	1671300	
13.5	1	108	189	1671350	
14.0	1	108	189	1671400	
14.5	2	114	212	1671450	
15.0	2	114	212	1671500	
15.5	2	120	218	1671550	
16.0	2	120	218	1671600	
16.5	2	125	223	1671650	
17.0	2	125	223	1671700	
17.5	2	130	228	1671750	
18.0	2	130	228	1671800	
18.5	2	135	233	1671850	
19.0	2	135	233	1671900	
19.5	2	140	238	1671950	
20.0	2	140	238	1672000	
20.5	2	145	243	1672050	
21.0	2	145	243	1672100	
21.5	2	150	248	1672150	
22.0	2	150	248	1672200	
22.5	2	155	253	1672250	
23.0	2	155	253	1672300	
23.5	3	155	276	1672350	
24.0	3	160	281	1672400	
24.5	3	160	281	1672450	
25.0	3	160	281	1672500	
25.5	3	165	286	1672550	
26.0	3	165	286	1672600	
26.5	3	165	286	1672650	
27.0	3	170	291	1672700	
27.5	3	170	291	1672750	
28.0	3	170	291	1672800	
28.5	3	175	296	1672850	
29.0	3	175	296	1672900	
29.5	3	175	296	1672950	



**For  
REPUBLIC Drills  
See page 39**

Size mm	M.T. Sk.	Flute Lgth	Overall Lgth	Order No.	Price
30.0	3	175	296	1673000	
30.5	3	180	301	1673050	
31.0	3	180	301	1673100	
31.5	3	180	301	1673150	
32.0	4	185	334	1673200	
32.5	4	185	334	1673250	
33.0	4	185	334	1673300	
33.5	4	185	334	1673350	
34.0	4	190	339	1673400	
34.5	4	190	339	1673450	
35.0	4	190	339	1673500	
35.5	4	190	339	1673550	
36.0	4	195	344	1673600	
36.5	4	195	344	1673650	
37.0	4	195	344	1673700	
37.5	4	195	344	1673750	
38.0	4	200	349	1673800	
38.5	4	200	349	1673850	
39.0	4	200	349	1673900	
39.5	4	200	349	1673950	
40.0	4	200	349	1674000	
40.5	4	205	354	1674050	
41.0	4	205	354	1674100	
41.5	4	205	354	1674150	
42.0	4	205	354	1674200	
42.5	4	205	354	1674250	
43.0	4	210	359	1674300	
43.5	4	210	359	1674350	
44.0	4	210	359	1674400	
44.5	4	210	359	1674450	
45.0	4	210	359	1674500	
45.5	4	215	364	1674550	
46.0	4	215	364	1674600	
46.5	4	215	364	1674650	
47.0	4	215	364	1674700	
47.5	4	215	364	1674750	
48.0	4	220	369	1674800	
48.5	4	220	369	1674850	
49.0	4	220	369	1674900	
49.5	4	220	369	1674950	
50.0	4	220	369	1675000	
50.5	4	225	374	1675050	



HIGH SPEED STEEL

**METRIC TAPER SHANK DRILLS**

SERIES 978: MILLIMETER SIZES



Size	Dec. Equiv.	Morse Taper No.	Flute Length	Overall Length	Order No.	Price
3.00	.1181	1	1-7/8	5-1/8	9781140	
3.20	.1260	1	1-7/8	5-1/8	9781141	
3.50	.1378	1	2-1/8	5-3/8	9781142	
3.80	.1496	1	2-1/8	5-3/8	9781143	
4.00	.1575	1	2-1/8	5-3/8	9781144	
4.20	.1654	1	2-1/2	5-3/4	9781145	
4.50	.1772	1	2-1/2	5-3/4	9781146	
4.70	.1851	1	2-1/2	5-3/4	9781147	
4.80	.1890	1	2-1/2	5-3/4	9781148	
5.00	.1969	1	2-3/4	6	9781149	
5.20	.2047	1	2-3/4	6	9781150	
5.50	.2165	1	2-3/4	6	9781151	
5.80	.2283	1	2-7/8	6-1/8	9781152	
6.00	.2362	1	2-7/8	6-1/8	9781153	
6.20	.2441	1	2-7/8	6-1/8	9781154	
6.50	.2559	1	3	6-1/4	9781155	
6.80	.2677	1	3	6-1/4	9781156	
7.00	.2756	1	3	6-1/4	9781157	
7.20	.2835	1	3-1/8	6-3/8	9781158	
7.50	.2953	1	3-1/8	6-3/8	9781159	
7.80	.3071	1	3-1/8	6-3/8	9781160	
8.00	.3150	1	3-1/4	6-1/2	9781161	
8.20	.3228	1	3-1/4	6-1/2	9781162	
8.50	.3346	1	3-1/4	6-1/2	9781163	
8.80	.3465	1	3-1/2	6-3/4	9781164	
9.00	.3543	1	3-1/2	6-3/4	9781165	
9.20	.3622	1	3-1/2	6-3/4	9781166	
9.50	.3740	1	3-1/2	6-3/4	9781167	
9.80	.3858	1	3-5/8	7	9781168	
10.00	.3937	1	3-5/8	7	9781169	
10.20	.4016	1	3-5/8	7	9781170	
10.50	.4134	1	3-7/8	7-1/4	9781171	
10.70	.4213	1	3-7/8	7-1/4	9781172	
10.80	.4252	1	3-7/8	7-1/4	9781173	
11.00	.4331	1	3-7/8	7-1/4	9781174	
11.20	.4409	1	4-1/8	7-1/2	9781175	
11.50	.4528	1	4-1/8	7-1/2	9781176	
11.80	.4646	1	4-1/8	7-1/2	9781177	
12.00	.4724	2	4-3/8	8-1/4	9781178	
12.20	.4803	2	4-3/8	8-1/4	9781179	
12.50	.4921	2	4-3/8	8-1/4	9781180	
12.80	.5039	2	4-5/8	8-1/2	9781181	
13.00	.5118	2	4-5/8	8-1/2	9781182	
13.20	.5197	2	4-5/8	8-1/2	9781183	
13.50	.5315	2	4-5/8	8-1/2	9781184	
13.80	.5433	2	4-7/8	8-3/4	9781185	
14.00	.5512	2	4-7/8	8-3/4	9781186	
14.25	.5610	2	4-7/8	8-3/4	9781187	
14.50	.5709	2	4-7/8	8-3/4	9781188	
14.75	.5807	2	4-7/8	8-3/4	9781189	
15.00	.5906	2	4-7/8	8-3/4	9781190	
15.25	.6004	2	4-7/8	8-3/4	9781191	
15.50	.6102	2	4-7/8	8-3/4	9781192	
15.75	.6201	2	4-7/8	8-3/4	9781193	
16.00	.6299	2	5-1/8	9	9781194	
16.25	.6398	2	5-1/8	9	9781195	
16.50	.6496	2	5-1/8	9	9781196	
16.75	.6594	2	5-3/8	9-1/4	9781197	
17.00	.6693	2	5-3/8	9-1/4	9781198	
17.25	.6791	2	5-3/8	9-1/4	9781199	
17.50	.6890	2	5-5/8	9-1/2	9781200	
18.00	.7087	2	5-5/8	9-1/2	9781201	
18.50	.7283	2	5-5/8	9-1/2	9781202	
19.00	.7480	2	5-7/8	9-3/4	9781203	
19.50	.7677	2	6	9-7/8	9781204	

Size	Dec. Equiv.	Morse Taper No.	Flute Length	Overall Length	Order No.	Price
20.00	.7874	3	6	9-7/8	9781205	
20.50	.8071	3	6-1/8	10-3/4	9781206	
21.00	.8268	3	6-1/8	10-3/4	9781207	
21.50	.8465	3	6-1/8	10-3/4	9781208	
22.00	.8661	3	6-1/8	10-3/4	9781209	
22.50	.8858	3	6-1/8	10-3/4	9781210	
23.00	.9055	3	6-1/8	10-3/4	9781211	
23.50	.9252	3	6-1/8	10-3/4	9781212	
24.00	.9449	3	6-3/8	11	9781213	
24.50	.9646	3	6-3/8	11	9781214	
25.00	.9843	3	6-3/8	11	9781215	
25.50	1.0039	3	6-1/2	11-1/8	9781216	
26.00	1.0236	3	6-1/2	11-1/8	9781217	
26.50	1.0433	3	6-5/8	11-1/4	9781218	
27.00	1.0630	3	6-5/8	11-1/4	9781219	
27.50	1.0827	4	6-7/8	12-1/2	9781220	
28.00	1.1024	4	7-1/8	12-3/4	9781221	
28.50	1.1220	4	7-1/8	12-3/4	9781222	
29.00	1.1417	4	7-1/4	12-7/8	9781223	
29.50	1.1614	4	7-3/8	13	9781224	
30.00	1.1811	4	7-3/8	13	9781225	
30.50	1.2008	4	7-1/2	13-1/8	9781226	
31.00	1.2205	4	7-7/8	13-1/2	9781227	
31.50	1.2402	4	7-7/8	13-1/2	9781228	
32.00	1.2598	4	8-1/2	14-1/8	9781229	
32.50	1.2795	4	8-1/2	14-1/8	9781230	
33.00	1.2992	4	8-5/8	14-1/4	9781231	
33.50	1.3189	4	8-3/4	14-3/8	9781232	
34.00	1.3386	4	8-3/4	14-3/8	9781233	
34.50	1.3583	4	8-7/8	14-1/2	9781234	
35.00	1.3780	4	9	14-5/8	9781235	
35.50	1.3976	4	9	14-5/8	9781236	
36.00	1.4173	4	9-1/8	14-3/4	9781237	
36.50	1.4370	4	9-1/8	14-3/4	9781238	
37.00	1.4567	4	9-1/4	14-7/8	9781239	
37.50	1.4764	4	9-3/8	15	9781240	
38.00	1.4961	4	9-3/8	15	9781241	
38.50	1.5157	5	9-5/8	16-5/8	9781242	
39.00	1.5354	5	9-5/8	16-5/8	9781243	
39.50	1.5551	5	9-7/8	16-7/8	9781244	
40.00	1.5748	5	9-7/8	16-7/8	9781245	
41.00	1.6142	5	10	17	9781246	
41.50	1.6338	5	10-1/8	17-1/8	9781247	
42.00	1.6535	5	10-1/8	17-1/8	9781248	
42.50	1.6732	5	10-1/8	17-1/8	9781249	
43.00	1.6929	5	10-1/8	17-1/8	9781250	
43.50	1.7125	5	10-1/8	17-1/8	9781251	
44.00	1.7323	5	10-1/8	17-1/8	9781252	
44.50	1.7519	5	10-1/8	17-1/8	9781253	
45.00	1.7717	5	10-1/8	17-1/8	9781254	
46.00	1.8110	5	10-1/8	17-1/8	9781255	
47.00	1.8504	5	10-3/8	17-3/8	9781256	
48.00	1.8898	5	10-3/8	17-3/8	9781257	
49.00	1.9291	5	10-3/8	17-3/8	9781258	
50.00	1.9685	5	10-3/8	17-3/8	9781259	
51.00	2.0079	5	10-3/8	17-3/8	9781260	
55.00	2.1653	5	10-3/8	17-3/8	9781261	
57.00	2.2441	5	10-3/8	17-3/8	9781262	
59.00	2.3228	5	10-3/8	17-3/8	9781263	
60.00	2.3622	5	11-7/8	19-1/2	9781264	
65.00	2.5591	5	11-7/8	19-1/2	9781265	
66.00	2.5984	5	11-7/8	19-1/2	9781266	
69.00	2.7165	5	12-3/4	20-3/8	9781267	
70.00	2.7559	5	13-3/8	21-1/8	9781268	
72.00	2.8346	5	13-3/8	21-1/8	9781269	

CUTTING TOOLS - DRILLS



HIGH SPEED STEEL - CORE DRILLS - 3 & 4 FLUTE



Core Drills available. See our website or inquire.

TAPER SHANK  
SERIES 30:



STRAIGHT SHANK  
SERIES 31:



Size	M. T.	Flute Lgth	Overall Lgth	4 FLUTE		3 FLUTE	
				Order No.	Price	Order No.	Price
1/2	2	4-3/8	8-1/4	1510322		157032	
17/32	2	4-5/8	8-1/2	1510342		157034	
9/16	2	4-7/8	8-3/4	1510362		157036	
19/32	2	4-7/8	8-3/4	1510382		157038	
5/8	2	4-7/8	8-3/4	1510402		157040	
21/32	2	5-1/8	9	1510422		157042	
11/16	2	5-3/8	9-1/4	1510442		157044	
23/32	2	5-5/8	9-1/2	1510462		157046	
3/4	2	5-7/8	9-3/4	1510482		157048	
25/32	2	6	9-7/8	1510502		157050	
13/16	3	6-1/8	10-3/4	1510523		157052	
27/32	3	6-1/8	10-3/4	1510543		157054	
7/8	3	6-1/8	10-3/4	1510563		157056	
29/32	3	6-1/8	10-3/4	1510583		157058	
15/16	3	6-1/8	10-3/4	1510603		157060	
31/32	3	6-3/8	11	1510623		157062	
1	3	6-3/8	11	1510643		157064	
1-1/32	3	6-1/2	11-1/8	1510663		157102	
1-1/16	3	6-5/8	11-1/4	1510683		157104	
1-3/32	4	6-7/8	12-1/2	1510704		157106	
1-1/8	4	7-1/8	12-3/4	1510724		157108	
1-5/32	4	7-1/4	12-7/8	1510744		9997110	
1-3/16	4	7-3/8	13	1510764		157112	
1-7/32	4	7-1/2	13-1/8	1510784		157114	
1-1/4	4	7-7/8	13-1/2	1510804		157116	
1-9/32	4	8-1/2	14-1/8	1510824		157118	
1-5/16	4	8-5/8	14-1/4	1510844		157120	
1-11/32	4	8-3/4	14-3/8	1510864		157122	
1-3/8	4	8-7/8	14-1/2	1510884		157124	
1-13/32	4	9	14-5/8	1510904		157126	
1-7/16	4	9-1/8	14-3/4	1510924		157128	
1-15/32	4	9-1/4	14-7/8	1510944		157130	
1-1/2	4	9-3/8	15	1510964		157132	
1-17/32	5	9-3/8	16-3/8	1511345		-	
1-9/16	5	9-5/8	16-5/8	1511365		-	
1-19/32	5	9-7/8	16-7/8	1511385		-	
1-5/8	5	10	17	1511405		157140	
1-21/32	5	10-1/8	17-1/8	1511425		-	
1-11/16	5	10-1/8	17-1/8	1511445		-	
1-23/32	5	10-1/8	17-1/8	1511465		-	
1-3/4	5	10-1/8	17-1/8	1511485		157148	
1-25/32	5	10-1/8	17-1/8	1511505		-	
1-13/16	5	10-1/8	17-1/8	1511525		-	
1-27/32	5	10-1/8	17-1/8	1511545		-	
1-7/8	5	10-3/8	17-3/8	1511565		157156	
1-29/32	5	10-3/8	17-3/8	1511585		-	
1-15/16	5	10-3/8	17-3/8	1511605		-	
1-31/32	5	10-3/8	17-3/8	1511625		-	
2	5	10-3/8	17-3/8	1512005		-	
2-1/32	5	10-3/8	17-3/8	1512025		-	
2-1/16	5	10-1/4	17-3/8	1512045		-	
2-1/8	5	10-1/4	17-3/8	1512085		-	
2-3/16	5	10-1/4	17-3/8	1512125		-	
2-1/4	5	10-3/8	17-3/8	1512165		-	
2-5/16	5	10-3/8	17-3/8	1512205		-	
2-3/8	5	10-3/8	17-3/8	1512245		-	
2-7/16	5	11-1/4	18-3/4	1512285		-	
2-1/2	5	11-1/4	18-3/4	1512325		-	
2-9/16	5	11-7/8	19-1/2	1512365		-	
2-5/8	5	11-7/8	19-1/2	1512405		-	
2-11/16	5	12-3/4	20-3/8	1512445		-	
2-3/4	5	12-3/4	20-3/8	1512485		-	
2-13/16	5	13-3/8	21-1/8	1512525		-	
2-7/8	5	13-3/8	21-1/8	1512565		-	
2-15/16	5	14	21-3/4	1512605		-	
3	5	14	21-3/4	1513005		-	

Size	Flute Lgth.	Overall Lgth.	4 FLUTE		3 FLUTE	
			Order No.	Price	Order No.	Price
1/4	3-3/4	6-1/8			157516	
9/32	3-7/8	6-1/4			157518	
5/16	4	6-3/8			157520	
11/32	4-1/8	6-1/2			157522	
3/8	4-1/4	6-3/4			157524	
13/32	4-3/8	7			157526	
7/16	4-5/8	7-1/4			157528	
1/2	4-3/4	7-3/4	1061032		157532	
17/32	4-3/4	8	1061034		157534	
9/16	4-7/8	8-1/4	1061036		157536	
19/32	4-7/8	8-3/4	1061038		157538	
5/8	4-7/8	8-3/4	1061040		157540	
21/32	5-1/8	9	1061042		157542	
11/16	5-3/8	9-1/4	1061044		157544	
23/32	5-5/8	9-1/2	1061046		157546	
3/4	5-7/8	9-3/4	1061048		157548	
25/32	6	9-7/8	1061050		-	
13/16	6-1/8	10	1061052		157552	
27/32	6-1/8	10	1061054		-	
7/8	6-1/8	10	1061056		157556	
29/32	6-1/8	10	1061058		157558	
15/16	6-1/8	10-3/4	1061060		157560	
31/32	6-3/8	11	1061062		-	
1	6-3/8	11	1061064		157564	
1-1/32	6-1/2	11-1/8	1061066		-	
1-1/16	6-5/8	11-1/4	1061068		-	
1-3/32	6-7/8	11-1/2	1061070		-	
1-1/8	7-1/8	11-3/4	1061072		157570	
1-5/32	7-1/4	11-7/8	1061074		-	
1-3/16	7-3/8	12	1061076		-	
1-7/32	7-1/2	12-1/8	1061078		-	
1-1/4	7-7/8	12-1/2	1061080		-	
1-9/32	8-1/2	14-1/8	1061082		-	
1-5/16	8-5/8	14-1/4	1061084		-	
1-11/32	8-3/4	14-3/8	1061086		-	
1-3/8	8-7/8	14-1/2	1061088		-	
1-13/32	9	14-5/8	1061090		-	
1-7/16	9-1/8	14-3/4	1061092		-	
1-15/32	9-1/4	14-7/8	1061094		-	
1-1/2	9-3/8	15	1061096		-	
1-9/16	9-5/8	15-1/4	1061136		-	
1-5/8	9-7/8	15-5/8	1061140		-	
1-11/16	10	15-3/4	1061144		-	
1-3/4	10-1/2	16-1/4	1061148		-	
1-13/16	10-1/2	16-1/4	1061152		-	
1-7/8	10-3/4	16-1/2	1061156		-	
1-15/16	10-3/4	16-5/8	1061160		-	
2	10-3/4	16-5/8	1061200		-	

COOLANT INDUCER SOCKETS  
SERIES 978:

For use with Taper Shank Oil Hole Drills (next page)

Morse Taper Hole & Shank Size	Overall Length	Order No.	Price
2	6-7/8	9781827	
3	8-1/2	9781828	
4	10-1/2	9781829	
5	13-3/4	9781830	





HIGH SPEED STEEL - OIL HOLE DRILLS - 118° NOTCHED POINT



SERIES 978:

Oil Hole Drills feature coolant passages throughout the length of the body. These allow a coolant (air, oil or vapor mist) to reach the cutting edges. The resulting flow cools and lubricates the cutting edges and also aids in the extraction of chips.

TAPER SHANK



STRAIGHT SHANK



Size	Dec. Equiv.	Morse Taper No.	Flute Length	Overall Length	Order No.	Price
3/8	.3750	2	3-1/2	7-5/8	128224	
25/64	.3906	2	3-5/8	8	128225	
13/32	.4062	2	3-5/8	8	128226	
27/64	.4219	2	3-7/8	8-1/8	128227	
7/16	.4375	2	3-7/8	8-3/8	128228	
29/64	.4531	2	4-1/8	8-3/4	128229	
15/32	.4688	2	4-1/8	8-3/4	128230	
31/64	.4844	3	4-3/8	9	128231	
1/2	.5000	3	4-3/8	9	128232	
33/64	.5156	3	4-5/8	9-1/4	128233	
17/32	.5312	3	4-5/8	9-1/4	128234	
35/64	.5469	3	4-7/8	9-1/2	128235	
9/16	.5625	3	4-7/8	9-1/2	128236	
37/64	.5781	3	4-7/8	9-1/2	128237	
19/32	.5938	3	4-7/8	9-1/2	128238	
39/64	.6094	3	4-7/8	9-1/2	128239	
5/8	.6250	3	4-7/8	9-1/2	128240	
41/64	.6406	3	5-1/8	9-3/4	128241	
21/32	.6562	3	5-1/8	9-3/4	128242	
43/64	.6719	3	5-3/8	10	128243	
11/16	.6875	3	5-3/8	10	128244	
45/64	.7031	3	5-5/8	10-1/4	128245	
23/32	.7188	3	5-5/8	10-1/4	128246	
47/64	.7344	3	5-7/8	10-1/2	128247	
3/4	.7500	3	5-7/8	10-3/4	128248	
49/64	.7656	3	6	10-5/8	128249	
25/32	.7812	3	6	10-5/8	128250	
51/64	.7969	3	6-1/8	10-3/4	128251	
13/16	.8125	3	6-1/8	10-3/4	128252	
53/64	.8281	3	6-1/8	10-3/4	128253	
27/32	.8438	3	6-1/8	10-3/4	128254	
55/64	.8594	3	6-1/8	10-3/4	128255	
7/8	.8750	3	6-1/8	10-3/4	128256	
57/64	.8906	3	6-1/8	10-3/4	128257	
29/32	.9062	3	6-1/8	10-3/4	128258	
59/64	.9219	3	6-1/8	10-3/4	128259	
15/16	.9375	3	6-1/8	10-3/4	128260	
61/64	.9531	3	6-3/8	11	128261	
31/32	.9688	3	6-3/8	11	128262	
63/64	.9844	3	6-3/8	11	128263	
1	1.0000	3	6-3/8	11	128264	
1-1/64	1.0156	3	6-1/2	11-1/8	128265	
1-1/32	1.0312	3	6-1/2	11-1/8	128266	
1-3/64	1.0469	3	6-5/8	11-1/4	128267	
1-1/16	1.0625	3	6-5/8	11-1/4	128268	
1-5/64	1.0781	4	6-7/8	12-1/2	128299	
1-3/32	1.0938	4	6-7/8	12-1/2	128269	
1-7/64	1.1094	4	7-1/8	12-3/4	128300	
1-1/8	1.1250	4	7-1/8	12-3/4	128270	
1-9/64	1.1406	4	7-1/4	12-7/8	128301	
1-5/32	1.1562	4	7-1/4	12-7/8	128271	
1-11/64	1.1719	4	7-3/8	13	128302	
1-3/16	1.1875	4	7-3/8	13	128272	
1-13/64	1.2031	4	7-1/2	13-1/8	128303	
1-7/32	1.2188	4	7-1/2	13-1/8	128273	
1-15/64	1.2344	4	7-7/8	13-1/2	128304	
1-1/4	1.2500	4	7-7/8	14-1/2	128274	
1-17/64	1.2656	4	8-1/2	14-1/8	128305	
1-9/32	1.2812	4	8-1/2	14-1/8	128275	
1-19/64	1.2969	4	8-5/8	14-1/4	128306	
1-5/16	1.3125	4	8-5/8	14-1/4	128276	
1-21/64	1.3281	4	8-3/4	14-3/8	128307	
1-11/32	1.3438	4	8-3/4	14-3/8	128277	
1-23/64	1.3594	4	8-7/8	14-1/2	128308	
1-3/8	1.3750	4	8-7/8	14-1/2	128278	
1-13/32	1.4062	4	9	14-5/8	128279	
1-7/16	1.4375	4	9-1/8	14-3/4	128280	
1-15/32	1.4688	4	9-1/4	14-7/8	128281	
1-1/2	1.5000	4	9-3/8	15	128282	
1-9/16	1.5625	4	9-5/8	15-1/4	128284	
1-5/8	1.6250	4	10	15-5/8	128286	
1-11/16	1.6875	4	10-1/8	15-3/4	128288	
1-3/4	1.7500	4	10-1/8	16	128290	
1-13/16	1.8125	5	10-1/8	17-1/8	128292	
1-7/8	1.8750	5	10-3/8	17-3/8	128294	
1-15/16	1.9375	5	10-3/8	17-3/8	128296	
2	2.0000	5	10-3/8	17-3/8	128298	

Size	Dec. Equiv.	Flute Length	Overall Length	Order No.	Price
15/64	.2344	3-3/8	5-3/4	128016	
1/4	.2500	3-3/4	6-1/8	128017	
9/32	.2812	4	6-3/8	128018	
19/64	.2969	4	6-3/8	128019	
5/16	.3125	4	6-3/8	128020	
21/64	.3281	4-1/8	6-1/2	128021	
11/32	.3438	4-1/8	6-1/2	128022	
23/64	.3594	4-1/4	6-3/4	128023	
3/8	.3750	4-1/4	6-3/4	128024	
25/64	.3906	4-3/8	7	128025	
13/32	.4062	4-3/8	7	128026	
27/64	.4219	4-5/8	7-1/4	128027	
7/16	.4375	4-5/8	7-1/4	128028	
29/64	.4531	4-7/8	7-1/2	128029	
15/32	.4688	4-7/8	7-1/2	128030	
31/64	.4844	5	7-3/4	128031	
1/2	.5000	5	7-3/4	128032	
33/64	.5156	5-1/4	8	128033	
17/32	.5312	5-1/4	8	128034	
35/64	.5469	5-3/8	8-1/4	128035	
9/16	.5625	5-3/8	8-1/4	128036	
37/64	.5781	5-5/8	8-1/2	128037	
19/32	.5938	5-5/8	8-1/2	128038	
39/64	.6094	5-3/4	8-3/4	128039	
5/8	.6250	5-3/4	8-3/4	128040	
41/64	.6406	5-7/8	9	128041	
21/32	.6562	5-7/8	9	128042	
43/64	.6719	6	9-1/4	128043	
11/16	.6875	6	9-1/4	128044	
45/64	.7031	6-3/16	9-1/2	128045	
23/32	.7188	6-3/16	9-1/2	128046	
47/64	.7344	6-3/8	9-3/4	128047	
3/4	.7500	6-3/8	9-3/4	128048	
49/64	.7656	6-1/2	9-7/8	128049	
25/32	.7812	6-1/2	9-7/8	9128050	
51/64	.7969	6-5/8	10	128051	
13/16	.8125	6-5/8	10	128052	
53/64	.8281	6-3/4	10-1/4	128053	
27/32	.8438	6-3/4	10-1/4	128054	
55/64	.8594	7	10-1/2	128055	
7/8	.8750	7	10-1/2	128056	
57/64	.8906	7	10-5/8	128057	
29/32	.9062	7	10-5/8	128058	
59/64	.9219	7	10-3/4	128059	
15/16	.9375	7	10-3/4	128060	
61/64	.9531	7-1/8	10-7/8	128061	
31/32	.9688	7-1/8	10-7/8	128062	
63/64	.9844	7-3/16	11	128063	
1	1.0000	7-3/16	11	128064	
1-1/64	1.0156	7-5/16	11-1/8	128101	
1-1/32	1.0312	7-5/16	11-1/8	9128102	
1-3/64	1.0469	7-3/8	11-1/4	128103	
1-1/16	1.0625	7-3/8	11-1/4	128104	
1-5/64	1.0781	7-5/8	11-1/2	128105	
1-3/32	1.0938	7-5/8	11-1/2	9128106	
1-7/64	1.1094	7-7/8	11-3/4	128107	
1-1/8	1.1250	7-7/8	11-3/4	128108	
1-9/64	1.1406	8	11-7/8	128109	
1-5/32	1.1562	8	11-7/8	128110	
1-11/64	1.1719	8-1/8	12	128111	
1-3/16	1.1875	8-1/8	12	128112	
1-13/64	1.2031	8-1/8	12-1/8	128113	
1-7/32	1.2188	8-1/8	12-1/8	128114	
1-15/64	1.2344	8-1/2	12-1/2	128115	
1-1/4	1.2500	8-1/2	12-1/2	128116	
1-17/64	1.2656	9-1/4	14-1/8	128117	
1-9/32	1.2812	9-1/4	14-1/8	128118	
1-19/64	1.2969	9-1/4	14-1/4	128119	
1-5/16	1.3125	9-1/4	14-1/4	128120	
1-21/64	1.3281	9-1/2	14-3/8	128121	
1-11/32	1.3438	9-1/2	14-3/8	128122	
1-23/64	1.3594	9-1/2	14-1/2	128123	
1-3/8	1.3750	9-1/2	14-1/2	128124	
1-13/32	1.4062	9-1/2	14-5/8	128126	
1-7/16	1.4375	9-1/8	14-3/4	128128	
1-15/32	1.4688	9-1/8	14-7/8	9128130	
1-1/2	1.5000	9-5/8	15	128132	
1-9/16	1.5625	9-5/8	15-1/4	128136	
1-5/8	1.6250	9-7/8	15-5/8	128140	
1-11/16	1.6875	10	15-3/4	128144	
1-3/4	1.7500	10-1/2	16-1/4	128148	
1-13/16	1.8125	10-1/2	16-1/4	128152	
1-7/8	1.8750	10-3/4	16-1/2	128156	
1-15/16	1.9375	10-3/4	16-5/8	9128160	
2	2.0000	10-3/4	16-5/8	128200	



CARBIDE TIPPED

**JOBBERS LENGTH DRILLS**

SERIES 505:



Dia.	Flute Lgth	Overall Lgth	Order No.	Price	Dia.	Flute Lgth	Overall Lgth	Order No.	Price
1/8	1-5/8	2-3/4	2675008		5/16	3-3/16	4-1/2	2675020	
9/64	2	3-1/8	2675009		21/64	3-7/16	4-3/4	2675021	
5/32	2	3-1/8	2675010		11/32	3-7/16	4-3/4	2675022	
11/64	2-5/16	3-1/2	2675011		23/64	3-5/8	5	2675023	
3/16	2-5/16	3-1/2	2675012		3/8	3-5/8	5	2675024	
13/64	2-1/2	3-3/4	2675013		25/64	3-7/8	5-1/4	2675025	
7/32	2-1/2	3-3/4	2675014		13/32	3-7/8	5-1/4	2675026	
15/64	2-3/4	4	2675015		27/64	4-1/16	5-1/2	2675027	
1/4	2-3/4	4	2675016		7/16	4-1/16	5-1/2	2675028	
17/64	2-15/16	4-1/4	2675017		29/64	4-5/16	5-3/4	2675029	
9/32	2-15/16	4-1/4	2675018		15/32	4-5/16	5-3/4	2675030	
19/64	3-3/16	4-1/2	2675019		31/64	4-1/2	6	2675031	
					1/2	4-1/2	6	2675032	



CARBIDE TIPPED

**DRILLS - JOBBERS, SCREW MACHINE, & TAPER LENGTHS**

118° Point, High Speed Steel Bodies  
SERIES 980:



Premium C-2/K20 carbide provides excellent wear resistance when cutting cast aluminum, bronze, cast and ductile irons, fiberglass, hard plastics and other abrasive materials. Not recommended for soft steels.

Dia.	Jobbers Length				Screw Machine Length				Taper Length*			
	Flute Lgth	Overall Lgth	Order No.	Price	Flute Lgth	Overall Lgth	Order No.	Price	Flute Lgth	Overall Lgth	Order No.	Price
1/8	1-5/8	2-3/4	1200108		7/8	1-7/8	1100108		2-3/4	5-1/8	1300108	
9/64	2	3-1/8	1200109		1	2-1/16	1100109		3	5-3/8	1300109	
5/32	2	3-1/8	1200110		1	2-1/16	1100110		3	5-3/8	1300110	
11/64	2-5/16	3-1/2	1200111		1-1/8	2-3/16	1100111		3-3/8	5-3/4	1300111	
3/16	2-5/16	3-1/2	1200112		1-1/8	2-3/16	1100112		3-3/8	5-3/4	1300112	
13/64	2-1/2	3-3/4	1200113		1-1/4	2-3/8	1100113		3-5/8	6	1300113	
7/32	2-1/2	3-3/4	1200114		1-1/4	2-3/8	1100114		3-5/8	6	1300114	
15/64	2-3/4	4	1200115		1-3/8	2-1/2	1100115		3-3/4	6-1/8	1300115	
1/4	2-3/4	4	1200116		1-3/8	2-1/2	1100116		3-3/4	6-1/8	1300116	
17/64	2-15/16	4-1/4	1200117		1-1/2	2-11/16	1100117		3-7/8	6-1/4	1300117	
9/32	2-15/16	4-1/4	1200118		1-1/2	2-11/16	1100118		3-7/8	6-1/4	1300118	
19/64	3-3/16	4-1/2	1200119		1-5/8	2-13/16	1100119		4	6-3/8	1300119	
5/16	3-3/16	4-1/2	1200120		1-5/8	2-13/16	1100120		4	6-3/8	1300120	
21/64	3-7/16	4-3/4	1200121		1-11/16	3	1100121		4-1/8	6-1/2	1300121	
11/32	3-7/16	4-3/4	1200122		1-11/16	3	1100122		4-1/8	6-1/2	1300122	
23/64	3-5/8	5	1200123		1-13/16	3-1/8	1100123		4-1/4	6-3/4	1300123	
3/8	3-5/8	5	1200124		1-13/16	3-1/8	1100124		4-1/4	6-3/4	1300124	
25/64	3-7/8	5-1/4	1200125		1-15/16	3-5/16	1100125		4-3/8	7	1300125	
13/32	3-7/8	5-1/4	1200126		1-15/16	3-5/16	1100126		4-3/8	7	1300126	
27/64	4-1/16	5-1/2	1200127		2-1/16	3-7/16	1100127		4-5/8	7-1/4	1300127	
7/16	4-1/16	5-1/2	1200128		2-1/16	3-7/16	1100128		4-5/8	7-1/4	1300128	
29/64	4-5/16	5-3/4	1200129		2-1/8	3-5/8	1100129		4-3/4	7-1/2	1300129	
15/32	4-5/16	5-3/4	1200130		2-1/8	3-5/8	1100130		4-3/4	7-1/2	1300130	
31/64	4-1/2	6	1200131		2-1/4	3-3/4	1100131		4-3/4	7-3/4	1300131	
1/2	4-1/2	6	1200132		2-1/4	3-3/4	1100132		4-3/4	7-3/4	1300132	
33/64	4-13/16	6-5/8	1200133		-	-	-		4-3/4	8	1300133	
17/32	4-13/16	6-5/8	1200134		2-3/8	3-7/8	1100134		4-3/4	8	1300134	
35/64	4-13/16	6-5/8	1200135		-	-	-		4-7/8	8-1/4	1300135	
9/16	4-13/16	6-5/8	1201136		2-1/2	4	1100136		4-7/8	8-1/4	1300136	
37/64	4-13/16	6-5/8	1200137		-	-	-		4-7/8	8-3/4	1300137	
19/32	5-3/16	7-1/8	1200138		2-5/8	4-1/8	1100138		4-7/8	8-3/4	1300138	
39/64	5-3/16	7-1/8	1200139		-	-	-		4-7/8	8-3/4	1300139	
5/8	5-3/16	7-1/8	1201140		2-3/4	4-1/4	1100140		4-7/8	8-3/4	1300140	
41/64	5-3/16	7-1/8	1200141		-	-	-		5-1/8	9	1301141	
21/32	5-3/16	7-1/8	1200142		2-7/8	4-1/2	1100142		5-1/8	9	1300142	
43/64	5-5/8	7-5/8	1200143		-	-	-		5-3/8	9-1/4	1300143	
11/16	5-5/8	7-5/8	1201144		2-7/8	4-5/8	1100144		5-3/8	9-1/4	1300144	
23/32	-	-	-		3	4-3/4	1100146		5-5/8	9-1/2	1300146	
3/4	-	-	1201148		3-1/8	5	1100148		5-7/8	9-3/4	1300148	

\*Tang Style

Dia. up to 1-1/4" available; please inquire.

Dia. up to 1" available; please inquire.

CUTTING TOOLS - DRILLS





CARBIDE TIPPED

**DRILLS - JOBBERS, SCREW MACHINE, & TAPER LENGTHS -**

**METRIC SIZES**

118° Point, High Speed Steel Bodies  
SERIES 980:



Dia. mm	Jobbers Length				Screw Machine Length				Taper Length*			
	Flute Lgth	Overall Lgth	Order No.	Price	Flute Lgth	Overall Lgth	Order No.	Price	Flute Lgth	Overall Lgth	Order No.	Price
3.0	51	79	1203030		-	-	-		-	-	-	
3.5	51	79	1203035		25	52	1103035		-	-	-	
4.0	59	89	1203040		25	52	1103040		-	-	-	
4.5	64	95	1203045		29	56	1103045		-	-	-	
5.0	64	95	1203050		32	60	1103050		92	152	1300050	
5.5	70	102	1203055		32	60	1103055		92	152	1300055	
6.0	75	108	1203060		35	64	1103060		95	156	1300060	
6.5	75	108	1203065		38	68	1103065		98	159	1300065	
7.0	81	114	1203070		38	68	1103070		98	159	1300070	
7.5	81	114	1203075		41	71	1103075		102	162	1300075	
8.0	87	121	1203080		41	71	1103080		102	162	1300080	
8.5	92	127	1203085		43	76	1103085		105	165	1300085	
9.0	92	127	1203890		46	79	1103090		108	171	1300090	
9.5	98	133	1203095		46	79	1103095		108	171	1300095	
10.0	103	140	1203100		49	84	1103100		111	178	1301100	
10.5	103	140	1203105		52	87	1103105		117	184	1301105	
11.0	110	146	1203110		52	87	1103110		117	184	1301110	
11.5	110	146	1203115		54	92	1103115		121	191	1301115	
12.0	114	152	1203120		54	92	1103120		121	191	1301120	
12.5	122	168	1203125		57	95	1103125		121	197	1301125	
13.0	122	168	1203130		60	98	1103130		121	203	1301130	
13.5	-	-	-		60	98	1103135		121	203	1301135	
14.0	-	-	-		64	102	1103140		124	210	1301140	
14.5	-	-	-		-	-	-		124	222	1300145	
15.0	-	-	-		-	-	-		124	222	1300150	
15.5	-	-	-		-	-	-		124	222	1300155	
16.0	-	-	-		-	-	-		130	229	1300160	
16.5	-	-	-		-	-	-		130	229	1300165	
17.0	-	-	-		-	-	-		137	235	1300170	
17.5	-	-	-		-	-	-		137	235	1300175	
18.0	-	-	-		-	-	-		143	241	1300180	
18.5	-	-	-		-	-	-		149	248	1300185	
19.0	-	-	-		-	-	-		149	248	1300190	

Diameters in .1mm increments available. See our website or inquire.

\*Tang Style

CUTTING TOOLS - DRILLS

CARBIDE TIPPED

**BOWLING BALL DRILL BITS**

SILVER & DEMING - 1/2" Straight Shank  
SERIES 978:



Dia. mm	Flute Lgth	Overall Lgth	Order No.	Price
7/16	3-7/8	6-1/4	9782564	
1/2	3-7/8	6-1/4	9782565	
9/16	3-7/8	6-1/4	9782566	
5/8	3-7/8	6-1/4	9782567	
21/32	3-7/8	6-1/4	9782568	
11/16	3-7/8	6-1/4	9782569	
23/32	3-7/8	6-1/4	9782570	
3/4	3-7/8	6-1/4	9782571	
25/32	3-7/8	6-1/4	9782572	
13/16	3-7/8	6-1/4	9782573	
27/32	3-7/8	6-1/4	9782574	
7/8	3-7/8	6-1/4	9782575	

Taper Shank Bits available. See our website or inquire.

Sets available. See our website or inquire.

Dia. mm	Flute Lgth	Overall Lgth	Order No.	Price
29/32	3-7/8	6-1/4	9782576	
15/16	3-7/8	6-1/4	9782577	
61/64	3-7/8	6-1/4	9782578	
31/32	3-7/8	6-1/4	9782579	
63/64	3-7/8	6-1/4	9782580	
1	3-7/8	6-1/4	9782581	
1-1/64	3-7/8	6-1/4	9782582	
1-1/32	3-7/8	6-1/4	9782583	
1-1/16	3-7/8	6-1/4	9782584	
1-3/32	3-7/8	6-1/4	9782585	
1-1/8	3-7/8	6-1/4	9782586	
1-1/4	3-7/8	6-1/4	9782587	

CARBIDE TIPPED **JOBBERS**



**LENGTH DRILLS - 118° point**  
SERIES 505: MEDA - SUPERIOR IMPORT  
SERIES 980: USA

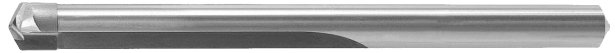


CARBIDE TIPPED

**DIE DRILLS FOR HARDENED STEEL**  
STRAIGHT SHANK / STRAIGHT FLUTE  
SERIES 531:



Extra thick C-2/K20 carbide tip very high temperature, braze, and the heavy land construction withstand the heavy feed pressure necessary to penetrate hardened and case hardened steels over 45Rc/421H6. Produces reamer like hole finish, accurate hole size and can be used for coring out pre-existing holes.



Size	Flute Length	Overall Length	Order No.	Price
1/8	-	2	5310008	
9/64	-	2	5310009	
5/32	-	2	5310010	
11/64	1-1/2	3-1/2	5310011	
3/16	1-1/2	3-1/2	5310012	
13/64	1-3/4	3-3/4	5310013	
7/32	1-3/4	3-3/4	5310014	
15/64	2	4	5310015	
1/4	2	4	5310016	
17/64	2-1/4	4-1/4	5310017	
9/32	2-1/4	4-1/4	5310018	
19/64	2-1/2	4-1/2	5310019	
5/16	2-1/2	4-1/2	5310020	
21/64	2-3/4	4-3/4	5310021	
11/32	2-3/4	4-3/4	5310022	
23/64	3	5	5310023	
3/8	3	5	5310024	
25/64	3	5-1/4	5310025	
13/32	3	5-1/4	5310026	
27/64	3	5-1/2	5310027	
7/16	3	5-1/2	5310028	
29/64	3-1/4	5-3/4	5310029	
15/32	3-1/4	5-3/4	5310030	
31/64	3-1/2	6	5310031	
1/2	3-1/2	6	5310032	
17/32	3-1/2	6	5310034	
9/16	3-1/2	6	5310036	
19/32	4	7	5310038	
5/8	4	7	5310040	
21/32	4-1/2	7-1/2	5310042	
11/16	4-1/2	7-1/2	5310044	
23/32	4-3/4	8	5310046	
3/4	4-3/4	8	5310048	
13/16	4-3/4	8	5310052	
7/8	4-3/4	8	5310056	
15/16	4-3/4	8	5310060	
1	4-3/4	8	5310064	

**METRIC SIZES**

Size	Flute Lgth	Overall Lgth	Order No.	Price
5.0	44	95	5311005	
5.5	44	95	5311055	
6.0	51	102	5311060	
6.5	57	108	5311065	
7.0	57	108	5311070	
7.5	64	114	5311075	
8.0	64	114	5311080	
8.5	70	121	5311085	
9.0	76	127	5311090	
9.5	76	127	5311095	
10.0	76	133	5311100	
10.5	76	140	5311105	
11.0	76	140	5311110	
11.5	83	146	5311115	
12.0	83	146	5311120	
12.5	89	152	5311125	
13.0	89	152	5311130	
13.5	89	152	5311135	
14.0	89	152	5311140	

CUTTING TOOLS - DRILLS

WIRE GAGE SIZES LETTER SIZES

Size	Dec. Equiv.	Flute Lgth.	Overall Lgth.	MEDA		REPUBLIC	
				Order No.	Price	Order No.	Price
1	.2280	2-3/4	4	5050001		1200001	
2	.2210	2-1/2	3-3/4	5050002		1200002	
3	.2130	2-1/2	3-3/4	5050003		1200003	
4	.2090	2-1/2	3-3/4	5050004		1200004	
5	.2055	2-1/2	3-3/4	5050005		1200005	
6	.2040	2-1/2	3-3/4	5050006		1200006	
7	.2010	2-1/2	3-3/4	5050007		1200007	
8	.1990	2-1/2	3-3/4	5050008		1200008	
9	.1960	2-1/2	3-3/4	5050009		1200009	
10	.1935	2-1/2	3-3/4	5050010		1200010	
11	.1910	2-5/16	3-1/2	5050011		1200011	
12	.1890	2-5/16	3-1/2	5050012		1200012	
13	.1850	2-5/16	3-1/2	5050013		1200013	
14	.1820	2-5/16	3-1/2	5050014		1200014	
15	.1800	2-5/16	3-1/2	5050015		1200015	
16	.1770	2-5/16	3-1/2	5050016		1200016	
17	.1730	2-5/16	3-1/2	5050017		1200017	
18	.1695	2-5/16	3-1/2	5050018		1200018	
19	.1660	2-5/16	3-1/2	5050019		1200019	
20	.1610	2-5/16	3-1/2	5050020		1201120	
21	.1590	2	3-1/8	5050021		1200021	
22	.1570	2	3-1/8	5050022		1200022	
23	.1540	2	3-1/8	5050023		1200023	
24	.1520	2	3-1/8	5050024		1200024	
25	.1495	2	3-1/8	5050025		1200025	
26	.1470	2	3-1/8	5050026		1201126	
27	.1440	2	3-1/8	5050027		1200027	
28	.1405	2	3-1/8	5050028		1201128	
29	.1360	2	3-1/8	5050029		1200029	
30	.1285	1-5/8	2-3/4	5050030		1201130	
31	.1200	1-5/8	2-3/4	5050031		1200031	
32	.1160	1-5/8	2-3/4	5050032		1201132	
33	.1130	1-5/8	2-3/4	-		1200033	
34	.1110	1-5/8	2-3/4	-		-	
35	.1100	1-5/8	2-3/4	-		-	
36	.1065	1-5/8	2-3/4	-		-	
37	.1040	1-5/8	2-3/4	-		-	
38	.1015	1-5/8	2-3/4	-		-	
39	.0995	1-5/8	2-3/4	-		-	
40	.0980	1-5/8	2-3/4	-		-	
A	.2340	2-3/4	4	5050201		1200201	
B	.2380	2-3/4	4	5050202		1200202	
C	.2420	2-3/4	4	5050203		1200203	
D	.2460	2-3/4	4	5050204		1200204	
E, 1/4	.2500	2-3/4	4	5050205		1200116	
F	.2570	2-15/16	4-1/4	5050206		1200206	
G	.2610	2-15/16	4-1/4	5050207		1200207	
H	.2660	2-15/16	4-1/4	5050208		1200208	
I	.2720	2-15/16	4-1/4	5050209		1200209	
J	.2770	2-15/16	4-1/4	5050210		1200210	
K	.2810	2-15/16	4-1/4	5050211		1200211	
L	.2900	3-3/16	4-1/2	5050212		1200212	
M	.2950	3-3/16	4-1/2	5050213		1200213	
N	.3020	3-3/16	4-1/2	5050214		1200214	
O	.3160	3-3/16	4-1/2	5050215		1200215	
P	.3230	3-7/16	4-3/4	5050216		1200216	
Q	.3320	3-7/16	4-3/4	5050217		1200217	
R	.3390	3-7/16	4-3/4	5050218		1200218	
S	.3480	3-5/8	5	5050219		1200219	
T	.3580	3-5/8	5	5050220		1200220	
U	.3680	3-5/8	5	5050221		1200221	
V	.3770	3-5/8	5	5050222		1200222	
W	.3860	3-7/8	5-1/4	5050223		1200223	
X	.3970	3-7/8	5-1/4	5050224		1200224	
Y	.4040	3-7/8	5-1/4	5050225		1200225	
Z	.4130	4-1/16	5-1/2	5050226		1200226	

SOLID CARBIDE

**JOBBERS LENGTH DRILLS**

SERIES 491: WIRE GAUGE SIZES

SERIES 492: FRACTIONAL SIZES

SERIES 493: LETTER SIZES

FOR: Non-Ferrous Alloys, Cast Iron, Plastic, Aluminum, Highly Abrasive Material.



Wire Gauge Sizes					
Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
1	.2280	1-3/4	3	2605001	
2	.2210	1-3/4	3	2605002	
3	.2130	1-3/4	3	2605003	
4	.2090	1-3/4	3	2605004	
5	.2055	1-3/4	3	2605005	
6	.2040	1-3/4	3	2605006	
7	.2010	1-3/4	3	2605007	
8	.1990	1-3/4	3	2605008	
9	.1960	1-3/4	3	2605009	
10	.1935	1-5/8	2-3/4	2605010	
11	.1910	1-5/8	2-3/4	2605011	
12	.1890	1-5/8	2-3/4	2605012	
13	.1850	1-5/8	2-3/4	2605013	
14	.1820	1-5/8	2-3/4	2605014	
15	.1800	1-5/8	2-3/4	2605015	
16	.1770	1-5/8	2-3/4	2605016	
17	.1730	1-5/8	2-3/4	2605017	
18	.1695	1-5/8	2-3/4	2605018	
19	.1660	1-5/8	2-3/4	2605019	
20	.1610	1-3/8	2-1/2	2605020	
21	.1590	1-3/8	2-1/2	2605021	
22	.1570	1-3/8	2-1/2	2605022	
23	.1540	1-3/8	2-1/2	2605023	
24	.1520	1-3/8	2-1/2	2605024	
25	.1495	1-3/8	2-1/2	2605025	
26	.1470	1-3/8	2-1/2	2605026	
27	.1440	1-3/8	2-1/2	2605027	
28	.1405	1-3/8	2-1/2	2605028	
29	.1360	1-3/8	2-1/2	2605029	
30	.1285	1-1/4	2-1/4	2605030	
31	.1200	1-1/4	2-1/4	2605031	
32	.1160	1-1/4	2-1/4	2605032	
33	.1130	1-1/4	2-1/4	2605033	
34	.1110	1-1/4	2-1/4	2605034	
35	.1100	1-1/4	2-1/4	2605035	
36	.1065	1-1/4	2-1/4	2605036	
37	.1040	1-1/4	2-1/4	2605037	
38	.1015	1-1/4	2-1/4	2605038	
39	.0995	1-1/4	2-1/4	2605039	
40	.0980	1	2	2605040	
41	.0960	1	2	2605041	
42	.0935	1	2	2605042	
43	.0890	1	2	2605043	
44	.0860	1	2	2605044	
45	.0820	7/8	1-3/4	2605045	
46	.0810	7/8	1-3/4	2605046	
47	.0785	7/8	1-3/4	2605047	
48	.0760	7/8	1-3/4	2605048	
49	.0730	7/8	1-3/4	2605049	
50	.0700	7/8	1-3/4	2605050	
51	.0670	3/4	1-1/2	2605051	
52	.0635	3/4	1-1/2	2605052	
53	.0595	3/4	1-1/2	2605053	
54	.0550	3/4	1-1/2	2605054	
55	.0520	3/4	1-1/2	2605055	
56	.0465	3/4	1-1/2	2605056	
57	.0430	3/4	1-1/2	2605057	
58	.0420	3/4	1-1/2	2605058	
59	.0410	3/4	1-1/2	2605059	
60	.0400	3/4	1-1/2	2605060	
61	.0390	1/2	1-1/4	2605061	
62	.0385	1/2	1-1/4	2605062	
63	.0375	1/2	1-1/4	2605063	
64	.0360	1/2	1-1/4	2605064	
65	.0350	3/8	1-1/8	2605065	
66	.0335	3/8	1-1/8	2605066	
67	.0320	3/8	1-1/8	2605067	
68	.0310	3/8	1-1/8	2605068	
69	.0292	5/16	1	2605069	
70	.0280	5/16	1	2605070	
71	.0260	5/16	1	2605071	
72	.0255	5/16	1	2605072	
73	.0245	1/4	1	2605073	
74	.0225	1/4	1	2605074	
75	.0210	1/4	1	2605075	
76	.0200	1/4	1	2605076	
77	.0180	1/4	1	2605077	
78	.0160	1/4	1	2605078	
79	.0145	1/4	1	2605079	
80	.0135	1/4	1	2605080	

Fractional Sizes					
Dia.	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
1/64	.0156	1/4	1	2610001	
1/32	.0312	3/8	1-1/8	2610002	
3/64	.0469	3/4	1-1/2	2610003	
1/16	.0625	3/4	1-1/2	2610004	
5/64	.0781	7/8	1-3/4	2610005	
3/32	.0937	1	2	2610006	
7/64	.1094	1-1/4	2-1/4	2610007	
1/8	.1250	1-1/4	2-1/4	2610008	
9/64	.1406	1-3/8	2-1/2	2610009	
5/32	.1562	1-3/8	2-1/2	2610010	
11/64	.1719	1-5/8	2-3/4	2610011	
3/16	.1875	1-5/8	2-3/4	2610012	
13/64	.2031	1-3/4	3	2610013	
7/32	.2187	1-3/4	3	2610014	
15/64	.2344	2	3-1/4	2610015	
1/4	.2500	2	3-1/4	2610016	
17/64	.2656	2-1/8	3-1/2	2610017	
9/32	.2812	2-1/8	3-1/2	2610018	
19/64	.2969	2-3/8	3-3/4	2610019	
5/16	.3125	2-3/8	3-3/4	2610020	
21/64	.3281	2-1/2	4	2610021	
11/32	.3438	2-1/2	4	2610022	
23/64	.3594	2-1/2	4	2610023	
3/8	.3750	2-3/4	4-1/4	2610024	
25/64	.3906	2-7/8	4-1/2	2610025	
13/32	.4062	2-7/8	4-1/2	2610026	
27/64	.4219	2-7/8	4-1/2	2610027	
7/16	.4375	2-7/8	4-1/2	2610028	
29/64	.4531	3	4-3/4	2610029	
15/32	.4687	3	4-3/4	2610030	
31/64	.4844	3	4-3/4	2610031	
1/2	.5000	3	4-3/4	2610032	
17/32	.5312	4	6	2610034	
9/16	.5625	4	6	2610036	
5/8	.6250	4	6	2610040	
3/4	.7500	4	6	2610048	

Letter Sizes					
Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
A	.234	2	3-1/4	2615001	
B	.238	2	3-1/4	2615002	
C	.242	2	3-1/4	2615003	
D	.246	2	3-1/4	2615004	
E	.250	2	3-1/4	2615005	
F	.257	2	3-1/4	2615006	
G	.261	2-1/8	3-1/2	2615007	
H	.266	2-1/8	3-1/2	2615008	
I	.272	2-1/8	3-1/2	2615009	
J	.277	2-1/8	3-1/2	2615010	
K	.281	2-1/8	3-1/2	2615011	
L	.290	2-1/8	3-1/2	2615012	
M	.295	2-3/8	3-3/4	2615013	
N	.302	2-3/8	3-3/4	2615014	
O	.316	2-3/8	3-3/4	2615015	
P	.323	2-3/8	3-3/4	2615016	
Q	.332	2-1/2	4	2615017	
R	.339	2-1/2	4	2615018	
S	.348	2-1/2	4	2615019	
T	.358	2-1/2	4	2615020	
U	.368	2-3/4	4-1/4	2615021	
V	.377	2-3/4	4-1/4	2615022	
W	.386	2-7/8	4-1/2	2615023	
X	.397	2-7/8	4-1/2	2615024	
Y	.404	2-7/8	4-1/2	2615025	
Z	.413	2-7/8	4-1/2	2615026	

CUTTING TOOLS - DRILLS

SOLID CARBIDE

**JOBBERS LENGTH DRILLS**

SERIES 491: METRIC SIZES



FOR: Non-Ferrous Alloys, Cast Iron, Plastic, Aluminum, Highly Abrasive Material.

Size mm	Decimal Equivalent	Flute Length	Overall Length	Order No.	Price
1.50	.0591	19	38	4910150	
2.00	.0787	22	44	4910200	
2.50	.0984	25	51	4910250	
3.00	.1181	32	57	4910300	
3.50	.1378	35	64	4910350	
4.00	.1575	35	64	4910400	
4.50	.1772	41	70	4910450	
5.00	.1969	44	76	4910500	
5.50	.2165	44	76	4910550	
6.00	.2362	51	83	4910600	
6.50	.2559	51	83	4910650	
7.00	.2756	54	89	4910700	
7.50	.2953	60	92	4910750	
8.00	.3150	60	92	4910800	
8.50	.3346	64	102	4910850	
9.00	.3543	64	102	4910900	
9.50	.3740	70	108	4910950	
10.00	.3937	73	114	4910100	
10.50	.4134	73	114	4910105	
11.00	.4331	73	114	4910110	
11.50	.4528	76	121	4910115	
12.00	.4724	76	121	4910120	

SOLID CARBIDE

**SPADE DRILLS**

SERIES 494:



FOR: Thin Sheet Applications / Shallow Hole Drilling / Spot Drilling.

Size	Flute Length	Overall Length	Order No.	Price
1/32	3/16	1-1/2	2620002	
3/64	7/32	1-1/2	2620003	
1/16	5/16	1-1/2	2620004	
3/32	7/16	1-1/2	2620006	
7/64	7/16	1-1/2	2620007	
1/8	1/2	1-1/2	2620008	
9/64	1/2	2	2620009	
5/32	9/16	2	2620010	
11/64	9/16	2	2620011	
3/16	11/16	2	2620012	
7/32	11/16	2	2620014	
1/4	11/16	2	2620016	
9/32	7/8	2-1/2	2620018	
5/16	7/8	2-1/2	2620020	
11/32	15/16	2-1/2	2620022	
3/8	1-1/8	2-1/2	2620024	
13/32	1-1/8	2-3/4	2620026	
7/16	1-3/16	2-3/4	2620028	
15/32	1-3/16	3	2620030	
1/2	1-3/16	3	2620032	

CUTTING TOOLS - DRILLS

SOLID CARBIDE

**STRAIGHT FLUTE DRILLS -**

**METRIC SIZES**

SERIES 295:



FOR: Hardened, Treated, and Abrasive Material e.g., Stainless Steel, Nickel Chrome Steel, and Cryogenic Alloys.

Size	Decimal Equivalent	Flute Length	Overall Length	Order No.	Price
1.5	.0591	13	38	9811015	
2	.0787	19	44	9811020	
2.5	.0984	21	46	9811025	
3	.1181	22	48	9811030	
3.5	.1378	24	49	9811035	
4	.1575	27	54	9811040	
4.5	.1772	29	56	9811045	
5	.1968	30	57	9811050	
5.5	.2165	32	60	9811055	
6	.2362	33	62	9811060	
6.5	.2559	35	64	9811065	
7	.2756	38	68	9811070	
7.5	.2953	40	70	9811075	
8	.3150	41	71	9811080	
8.5	.3346	43	76	9811085	
9	.3543	44	78	9811090	
9.5	.3740	46	79	9811095	
10	.3937	48	83	9811000	
10.5	.4134	51	86	9811105	
11	.4331	52	87	9911100	
11.5	.4528	54	90	9911150	
12	.4724	54	92	9911200	

SOLID CARBIDE

**STRAIGHT FLUTE DRILLS -**

**LETTER SIZES**

SERIES 295:



Size	Decimal Equivalent	Flute Length	Overall Length	Order No.	Price
A	.234	1-5/16	2-7/16	4004001	
B	.238	1-3/8	2-1/2	4004002	
C	.242	1-3/8	2-1/2	4004003	
D	.246	1-3/8	2-1/2	4004004	
E	.250	1-3/8	2-1/2	4004005	
F	.257	1-7/16	2-5/8	4004006	
G	.261	1-7/16	2-5/8	4004007	
H	.266	1-1/2	2-11/16	4004008	
I	.272	1-1/2	2-11/16	4004009	
J	.277	1-1/2	2-11/16	4004010	
K	.281	1-1/2	2-11/16	4004011	
L	.290	1-9/16	2-3/4	4004012	
M	.295	1-9/16	2-3/4	4004013	
N	.302	1-5/8	2-13/16	4004014	
O	.316	1-11/16	2-15/16	4004015	
P	.323	1-11/16	2-15/16	4004016	
Q	.332	1-11/16	3	4004017	
R	.339	1-11/16	3	4004018	
S	.348	1-3/4	3-1/16	4004019	
T	.358	1-3/4	3-1/16	4004020	
U	.368	1-13/16	3-1/8	4004021	
V	.377	1-7/8	3-1/4	4004022	
W	.386	1-7/8	3-1/4	4004023	
X	.397	1-15/16	3-5/16	4004024	
Y	.404	1-15/16	3-5/16	4004025	
Z	.413	2	3-3/8	4004026	



SOLID CARBIDE

**STRAIGHT FLUTE DRILLS**

**WIRE SIZES**

SERIES 295:



FOR: Hardened, Treated, and Abrasive Material e.g.,  
Stainless Steel, Nickel Chrome Steel, and Cryogenic Alloys.

Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
1	.2280	1-5/16	2-7/16	4003001	
2	.2210	1-5/16	2-7/16	4003002	
3	.2130	1-1/4	2-3/8	4003003	
4	.2090	1-1/4	2-3/8	4003004	
5	.2055	1-1/4	2-3/8	4003005	
6	.2040	1-1/4	2-3/8	4003006	
7	.2010	1-3/16	2-1/4	4003007	
8	.1990	1-3/16	2-1/4	4003008	
9	.1960	1-3/16	2-1/4	4003009	
10	.1935	1-3/16	2-1/4	4003010	
11	.1910	1-3/16	2-1/4	4003011	
12	.1890	1-3/16	2-1/4	4003012	
13	.1850	1-1/8	2-3/16	4003013	
14	.1820	1-1/8	2-3/16	4003014	
15	.1800	1-1/8	2-3/16	4003015	
16	.1770	1-1/8	2-3/16	4003016	
17	.1730	1-1/8	2-3/16	4003017	
18	.1695	1-1/16	2-1/8	4003018	
19	.1660	1-1/16	2-1/8	4003019	
20	.1610	1-1/16	2-1/8	4003020	
21	.1590	1-1/16	2-1/8	4003021	
22	.1570	1-1/16	2-1/8	4003022	
23	.1540	1	2-1/16	4003023	
24	.1520	1	2-1/16	4003024	
25	.1495	1	2-1/16	4003025	
26	.1470	1	2-1/16	4003026	
27	.1440	1	2-1/16	4003027	
28	.1405	15/16	1-15/16	4003028	
29	.1360	15/16	1-15/16	4003029	
30	.1285	15/16	1-15/16	4003030	
31	.1200	7/8	1-7/8	4003031	
32	.1160	7/8	1-7/8	4003032	
33	.1130	7/8	1-7/8	4003033	
34	.1110	7/8	1-7/8	4003034	
35	.1100	7/8	1-7/8	4003035	
36	.1065	13/16	1-13/16	4003036	
37	.1040	13/16	1-13/16	4003037	
38	.1015	13/16	1-13/16	4003038	
39	.0995	13/16	1-13/16	4003039	
40	.0980	13/16	1-13/16	4003040	
41	.0960	13/16	1-13/16	4003041	
42	.0935	3/4	1-3/4	4003042	
43	.0890	3/4	1-3/4	4003043	
44	.0860	3/4	1-3/4	4003144	
45	.0820	3/4	1-3/4	4003045	
46	.0810	3/4	1-3/4	4003046	
47	.0785	3/4	1-3/4	4003047	
48	.0760	11/16	1-11/16	4003048	
49	.0730	11/16	1-11/16	4003049	
50	.0700	11/16	1-11/16	4003050	
51	.0670	11/16	1-11/16	4003051	
52	.0635	11/16	1-11/16	4003052	
53	.0595	1/2	1-1/2	4003053	
54	.0550	1/2	1-1/2	4003054	
55	.0520	1/2	1-1/2	4003055	
56	.0465	1/2	1-1/2	4003056	

SOLID CARBIDE

**STRAIGHT FLUTE DRILLS -**

**FRACTIONAL SIZES**

SERIES 295:



FOR: Hardened, Treated, and Abrasive Material e.g.,  
Stainless Steel, Nickel Chrome Steel, and Cryogenic Alloys.

Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
3/64	.0469	1/2	1-1/2	4002259	
1/16	.0625	5/8	1-5/8	4002260	
5/64	.0781	11/16	1-11/16	4002261	
3/32	.0938	3/4	1-3/4	4002262	
7/64	.1094	13/16	1-13/16	4002263	
1/8	.1250	7/8	1-7/8	4002264	
9/64	.1406	15/16	1-15/16	4002265	
5/32	.1562	1	2-1/16	4002266	
11/64	.1719	1-1/16	2-1/8	4002267	
3/16	.1875	1-1/8	2-3/16	4002268	
13/64	.2031	1-3/16	2-1/4	4002269	
7/32	.2188	1-1/4	2-3/8	4002270	
15/64	.2344	1-5/16	2-7/16	4002271	
1/4	.2500	1-3/8	2-1/2	4002272	
17/64	.2656	1-7/16	2-5/8	4002273	
9/32	.2812	1-1/2	2-11/16	4002274	
19/64	.2969	1-9/16	2-3/4	4002275	
5/16	.3125	1-5/8	2-13/16	4002276	
21/64	.3281	1-11/16	2-15/16	4002277	
11/32	.3438	1-11/16	3	4002278	
23/64	.3594	1-3/4	3-1/16	4002279	
3/8	.3750	1-13/16	3-1/8	4002280	
25/64	.3906	1-7/8	3-1/4	4002281	
13/32	.4062	1-15/16	3-5/16	4002282	
27/64	.4219	2	3-3/8	4002283	
7/16	.4375	2-1/16	3-7/16	4002284	
29/64	.4531	2-1/8	3-9/16	4002285	
15/32	.4688	2-1/8	3-5/8	4002286	
31/64	.4844	2-3/16	3-11/16	4002287	
1/2	.5000	2-1/4	3-3/4	4002288	

SOLID CARBIDE

**STUB DRILLS - METRIC SIZES**

SERIES 297:



135° Point



Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
1.5	.0591	12.7	38.10	9811115	
2.0	.0787	19.05	44.45	9800020	
2.5	.0984	21	46	9811125	
3	.1181	22	48	9810030	
3.5	.1378	24	49	9810035	
4	.1575	27	54	9810040	
4.5	.1772	29	56	9810045	
5	.1968	30	57	9810050	
5.5	.2165	32	60	9810055	
6	.2362	33	62	9810060	
6.5	.2559	35	64	9810065	
7	.2756	38	68	9810070	
7.5	.2953	40	70	9810075	
8	.3150	41	71	9810080	
8.5	.3346	43	76	9810085	
9	.3543	44	78	9810090	
9.5	.3740	46	79	9810095	
10	.3937	48	83	9910100	
10.5	.4134	51	86	9810105	
11	.4331	52	87	9810110	
11.5	.4528	54	90	9810115	
12	.4724	54	92	9910120	

SOLID CARBIDE  
**STUB DRILLS -  
FRACTIONAL SIZES**  
SERIES 297:



135° Point

Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
1/16	.0625	5/8	1-5/8	4003062	
5/64	.0781	11/16	1-11/16	4003063	
3/32	.0938	3/4	1-3/4	4003164	
7/64	.1094	13/16	1-13/16	4003263	
1/8	.1250	7/8	1-7/8	4003065	
9/64	.1406	15/16	1-15/16	4003112	
5/32	.1562	1	2-1/16	4003067	
11/64	.1719	1-1/16	2-1/8	4003113	
3/16	.1875	1-1/8	2-3/16	4003068	
13/64	.2031	1-3/16	2-1/4	4003114	
7/32	.2188	1-1/4	2-3/8	4003066	
15/64	.2344	1-5/16	2-7/16	4004071	
1/4	.2500	1-3/8	2-1/2	4003069	
17/64	.2656	1-7/16	2-5/8	4003116	
9/32	.2812	1-1/2	2-11/16	4003117	
19/64	.2969	1-9/16	2-3/4	4003118	
5/16	.3125	1-5/8	2-13/16	4003070	
21/64	.3281	1-11/16	2-15/16	4003119	
11/32	.3438	1-11/16	3	4003120	
23/64	.3594	1-3/4	3-1/16	4003121	
3/8	.3750	1-13/16	3-1/8	4003071	
25/64	.3906	1-7/8	3-1/4	4003122	
13/32	.4062	1-15/16	3-5/16	4003072	
27/64	.4219	2	3-3/8	4003124	
7/16	.4375	2-1/16	3-7/16	4003125	
29/64	.4531	2-1/8	3-9/16	4003126	
15/32	.4688	2-1/8	3-5/8	4003127	
31/64	.4844	2-3/16	3-11/16	4003128	
1/2	.5000	2-1/4	3-3/4	4003129	

SOLID CARBIDE  
**STUB DRILLS - WIRE SIZES**  
SERIES 297:



135° Point

Size	Decimal Equivalent	Flute Lgth	Overall Length	Order No.	Price
1	.2280	1-5/16	2-7/16	4003201	
2	.2210	1-5/16	2-7/16	4003202	
3	.2130	1-1/4	2-3/8	4003203	
4	.2090	1-1/4	2-3/8	4003204	
5	.2055	1-1/4	2-3/8	4003205	
6	.2040	1-1/4	2-3/8	4003206	
7	.2010	1-3/16	2-1/4	4003207	
8	.1990	1-3/16	2-1/4	4003208	
9	.1960	1-3/16	2-1/4	4003209	
10	.1935	1-3/16	2-1/4	4003210	
11	.1910	1-3/16	2-1/4	4003211	
12	.1890	1-3/16	2-1/4	4003212	
13	.1850	1-1/8	2-3/16	4003213	
14	.1820	1-1/8	2-3/16	4003214	
15	.1800	1-1/8	3-3/16	4003215	
16	.1770	1-1/8	2-3/16	4003216	
17	.1730	1-1/8	2-3/16	4003217	
18	.1695	1-1/16	2-1/8	4003218	
19	.1660	1-1/16	2-1/8	4003219	
20	.1610	1-1/16	2-1/8	4003220	
21	.1590	1-1/16	2-1/8	4003221	
22	.1570	1-1/16	2-1/8	4003222	
23	.1540	1	2-1/16	4003223	
24	.1520	1	2-1/16	4003224	
25	.1495	1	2-1/16	4003225	
26	.1470	1	2-1/16	4003226	
27	.1440	1	2-1/16	4003227	
28	.1405	15/16	1-15/16	4003228	
29	.1360	15/16	1-15/16	4003229	
30	.1285	15/16	1-15/16	4003230	
31	.1200	7/8	1-7/8	4003231	
32	.1160	7/8	1-7/8	4003232	
33	.1130	7/8	1-7/8	4003233	
34	.1110	7/8	1-7/8	4003234	
35	.1100	7/8	1-7/8	4003235	
36	.1065	13/16	1-13/16	4003236	
37	.1040	13/16	1-13/16	4003237	
38	.1015	13/16	1-13/16	4003238	
39	.0995	13/16	1-13/16	4003239	
40	.0980	13/16	1-13/16	4003240	
41	.0960	13/16	1-13/16	4003241	
42	.0935	3/4	1-3/4	4003242	
43	.0890	3/4	1-3/4	4003243	
44	.0860	3/4	1-3/4	4003244	
45	.0820	3/4	1-3/4	4003245	
46	.0810	3/4	1-3/4	4003246	
47	.0785	3/4	1-3/4	4003247	
48	.0760	11/16	1-11/16	4003248	
49	.0730	11/16	1-11/16	4003249	
50	.0700	11/16	1-11/16	4003250	
51	.0670	11/16	1-11/16	4003251	
52	.0635	11/16	1-11/16	4003252	
53	.0595	1/2	1-1/2	4003253	
54	.0550	1/2	1-1/2	4003254	
55	.0520	1/2	1-1/2	4003255	
56	.0465	1/2	1-1/2	4003256	

SOLID CARBIDE  
**STUB DRILLS - LETTER SIZES**  
SERIES 297:



135° Point

Size	Decimal Equivalent	Flute Lgth	Overall Lgth	Order No.	Price
A	.234	1-5/16	2-7/16	4004301	
B	.238	1-3/8	2-1/2	4004302	
C	.242	1-3/8	2-1/2	4004303	
D	.246	1-3/8	2-1/2	4004304	
E	.250	1-3/8	2-1/2	4004305	
F	.257	1-7/16	2-5/8	4004306	
G	.261	1-7/16	2-5/8	4004307	
H	.266	1-1/2	2-11/16	4004308	
I	.272	1-1/2	2-11/16	4004309	
J	.277	1-1/2	2-11/16	4004310	
K	.281	1-1/2	2-11/16	4004311	
L	.290	1-9/16	2-3/4	4004312	
M	.295	1-9/16	2-3/4	4004313	
N	.302	1-5/8	2-13/16	4004314	
O	.316	1-11/16	2-15/16	4004315	
P	.323	1-11/16	2-15/16	4004316	
Q	.332	1-11/16	3	4004317	
R	.339	1-11/16	3	4004318	
S	.348	1-3/4	3-1/16	4004319	
T	.358	1-3/4	3-1/16	9004320	
U	.368	1-13/16	3-1/8	9004321	
V	.377	1-7/8	3-1/4	9004322	
W	.386	1-7/8	3-1/4	4004323	
X	.397	1-15/16	3-5/16	4004324	
Y	.404	1-15/16	3-5/16	4004325	
Z	.413	2	3-3/8	4004326	

**ALL DRILLS ON THIS PAGE FOR:**  
Work hardened and gummy material,  
high temperature alloy steel,  
e.g. Titanium, Cast Iron.



**CARBIDE TIPPED MASONRY DRILL**

SERIES 504:

LIST NO CT890 - REGULAR HELIX, 4" OVERALL

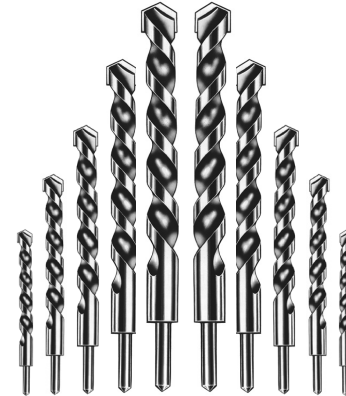
LIST NO. CT890F - FAST HELIX TYPE, 4" OVERALL



For drilling brick, stone, slate, marble, cement, concrete, carbon, asphalt, plaster and wallboard. These drills may be used in portable electric drills, drill presses, or other fixed spindle machine tools.

Size	Shank Size	CT890		CT890F	
		Order No.	Price	Order No.	Price
*1/8	1/8	2670804		8900804	
*5/32	5/32	2671004		-	
*11/64	11/64	2671104		-	
3/16	3/16	2671204		8901204	
7/32	7/32	2671404		-	
1/4	1/4	2671604		8901604	
9/32	1/4	2671804		-	
5/16	1/4	2672004		8902004	
3/8	1/4	2672404		8902404	
7/16	1/4	2672804		8902804	
1/2	1/4	2673204		-	

\* 3" Overall Length



LIST NO CT891 - REGULAR HELIX TYPE, 6" OVERALL

LIST NO. CT891F - FAST HELIX TYPE, 6" OVERALL

Size	Shank Size	CT891		CT891F	
		Order No.	Price	Order No.	Price
1/8	1/8	9670806		-	
3/16	3/16	9671206		8901206	
1/4	1/4	2671606		8901606	
9/32	1/4	2671806		-	
5/16	1/4	2672006		8902006	
3/8	1/4	2672406		8902406	
7/16	1/4	2672806		8902806	
7/16	3/8	2672816		8902816	
1/2	1/4	2673206		8903206	
1/2	3/8	2673216		8903216	
9/16	3/8	2673606		8903606	
9/16	1/2	2673616		8903616	
5/8	1/2	2674006		8904006	
11/16	1/2	2674406		8904406	
3/4	1/2	2674806		8904806	
7/8	1/2	2675606		8905006	
1	1/2	2676406		8905606	
1-1/8	1/2	2677206		-	
1-1/4	1/2	2678006		-	
1-3/8	1/2	2678806		-	
1-1/2	1/2	2679606		-	

**SETS**

**MASONRY DRILL SET  
SET NO. 5040004**

4 Piece Set  
Contains 1 piece each of:  
1/4, 5/16, 3/8, 1/2, by  
4" OAL  
Regular Spiral  
Supplied in Polytube

**SET PRICE**

**HS steel 1/4 shank drill  
AND MASONRY DRILL SET  
SET NO. 9995040**

10 Piece Set  
Contains 1 piece each of HS.  
1/4 Shank Drill:  
1/4, 5/16, 3/8, 7/16, 1/2  
and 1/4 Shank Carbide  
Tipped Masonry Drills:  
1/4, 5/16, 3/8, 7/16, 1/2

**SET PRICE**

LIST NO CT892 - REGULAR HELIX TYPE, 12" OVERALL

LIST NO. CT892F - FAST HELIX TYPE, 12" OVERALL

Size	Shank Size	CT892		CT892F	
		Order No.	Price	Order No.	Price
1/8	1/8	2670812		-	
3/16	3/16	2671212		-	
1/4	1/4	2671613		8901613	
5/16	1/4	2672013		8902013	
3/8	1/4	2672413		8902413	
7/16	3/8	2672812		8902812	
1/2	1/4	2673212		8903212	
1/2	3/8	2673213		8903213	
9/16	1/2	2673612		-	
5/8	1/2	2674012		-	
11/16	1/2	2674412		-	
3/4	1/2	2674813		-	
7/8	1/2	2675613		-	
1	1/2	2676413		-	
1-1/8	1/2	2677212		-	
1-3/8	1/2	2678812		-	

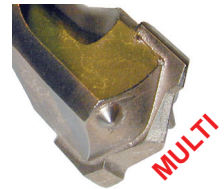
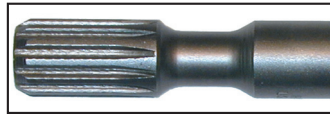
LIST NO. CT893 - REGULAR HELIX TYPE,  
18" OVERALL

Sizes	Shank Size	Order No.	Price Each
1/4	1/4*	2671618	
3/16	3/16	2671218	
5/16	1/4	2672018	
3/8	5/16	2672419	
7/16	3/8	2672818	
1/2	3/8	2673218	
9/16	1/2	2673618	
5/8	1/2	2674118	
5/8	3/8	2674018	
11/16	1/2	2674418	
3/4	1/2	2674818	
7/8	1/2	2675618	
1	1/2	2676418	
1-1/8	1/2	2677218	
1-1/4	1/2	2678018	
1-3/8	1/2	2678818	
1-1/2	1/2	2679618	

CARBIDE TIPPED  
**SPLINE SHANK BITS -**  
(SINGLE & MULTI\* CUTTER)

SERIES 858:

\*MULTI: Fastest drilling and most reliable quad design in the industry. Rounded carbide "bullets" bounce off steel reinforcement rods (rebars) before any major damage is done to the drill bit.



SINGLE CUTTER

Order No.	Size	Overall Lgth	Drill Depth	Price
8582406	3/8	12"	6"	
8582412	3/8	18"	12"	
8582806	7/16	12"	6"	
8583206	1/2	12"	6"	
8583212	1/2	18"	12"	
8583218	1/2	23-1/2"	18"	
8583224	1/2	30"	24"	
8583230	1/2	36"	30"	
8583606	9/16	12"	6"	
8583212	9/16	18"	12"	
8584006	5/8	12"	6"	
8584012	5/8	18"	12"	

Order No.	Size	Overall Lgth	Drill Depth	Price
8584018	5/8	23-1/2"	18"	
8584030	5/8	30"	24"	
8584031	5/8	36"	30"	
8584406	11/16	12"	6"	
8584806	3/4	12"	6"	
8584812	3/4	18"	12"	
8584818	3/4	23-1/2"	18"	
8585606	7/8	12"	6"	
8585612	7/8	18"	12"	
8585618	7/8	23-1/2"	18"	
8585630	7/8	36"	30"	
8586406	1	12"	6"	

Order No.	Size	Overall Lgth	Drill Depth	Price
8586412	1	18"	12"	
8586418	1	23-1/2"	18"	
8587212	1-1/8	18"	12"	
8587218	1-1/8	23-1/2"	18"	
8588012	1-1/4	18"	12"	
8588018	1-1/4	23-1/2"	18"	
8588812	1-3/8	18"	12"	
8588818	1-3/8	23-1/2"	18"	
8589606	1-1/2	18"	12"	
8589618	1-1/2	23-1/2"	18"	

MULTI CUTTER

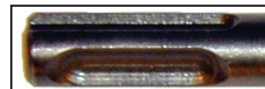
Order No.	Size	Overall Lgth	Drill Depth	Price
5862512	5/8	12"	6"	
5862518	5/8	18"	12"	
5862523	5/8	23-1/2"	18"	
5862530	5/8	30"	24"	
5862536	5/8	36"	30"	
5862548	5/8	48"	42"	
5875012	3/4	12"	6"	
5875018	3/4	18"	12"	
5875023	3/4	23-1/2"	18"	
5875036	3/4	36"	30"	
5875048	3/4	48"	42"	
5887512	7/8	12"	6"	
5887518	7/8	18"	12"	

Order No.	Size	Overall Lgth	Drill Depth	Price
5887523	7/8	23-1/2"	18"	
5887536	7/8	36"	30"	
5887548	7/8	48"	42"	
5810012	1	12"	6"	
5810018	1	18"	12"	
5810023	1	23-1/2"	18"	
5810036	1	36"	30"	
9990048	1	48"	42"	
5812518	1-1/8	18"	12"	
5812523	1-1/8	23-1/2"	18"	
5812536	1-1/8	36"	30"	
5825018	1-1/4	18"	12"	

Order No.	Size	Overall Lgth	Drill Depth	Price
5825023	1-1/4	23-1/2"	18"	
5825036	1-1/4	36"	30"	
5825048	1-1/4	48"	42"	
5837518	1-3/8	18"	12"	
5837523	1-3/8	23-1/2"	18"	
5850018	1-1/2	18"	12"	
5850023	1-1/2	23-1/2"	18"	
5850036	1-1/2	36"	30"	
5850048	1-1/2	48"	42"	
9862523	1-5/8	23-1/2"	18"	
9875023	1-3/4	23-1/2"	18"	
5820023	2	23-1/2"	18"	

CARBIDE TIPPED  
**SDS+ BITS**  
SERIES 857:

4 Slot Shank



For use with all power tools that use spline shank bits.



Bit Dia.	OAL	Drill Depth	Order No.	Price	Bit Dia.	OAL	Drill Depth	Order No.	Price	Bit Dia.	OAL	Drill Depth	Order No.	Price
5/32	6-5/8	4	8571004		5/16	12-5/8	10	8572010		5/8	6-3/4	4	8574004	
3/16	4-5/8	2	8571202		3/8	6-5/8	4	8572404		5/8	9-3/4	7	8574007	
3/16	6-5/8	4	8571204		3/8	10-5/8	8	8572408		5/8	12-3/4	10	8574010	
3/16	8-5/8	6	8571206		3/8	12-5/8	10	8572410		5/8	18-3/4	16	8574016	
3/16	10-5/8	8	8571208*		3/8	20-5/8	18	8572418		5/8	24	22	8574022	
3/16	14-5/8	12	8571212*		3/8	24	22	8572422		5/8	36	34	8574034	
7/32	6-5/8	4	8571404		3/8	36	34	8572434		11/16	6-3/4	4	8574404	
7/32	8-5/8	6	8571406		7/16	6-5/8	4	8572804		11/16	12-3/4	10	8574412	
7/32	14-5/8	12	8571412*		7/16	12-5/8	10	8572810		3/4	6-3/4	4	8574804	
7/32	16-5/8	14	8571414		7/16	18-5/8	18	8572816		3/4	9-3/4	7	8574807	
1/4	4-5/8	2	8571602		1/2	6-5/8	4	8573204		3/4	12-3/4	10	8574810	
1/4	6-5/8	4	8571604		1/2	10-5/8	8	8573208		3/4	18-3/4	16	8574816	
1/4	8-5/8	6	8571606		1/2	12-5/8	10	8573210		3/4	24	22	8574822	
1/4	11-5/8	9	8571609*		1/2	18-5/8	16	8573216		27/32	6-3/4	4	8575404	
1/4	14-5/8	12	8571612*		1/2	24	22	8573222		7/8	6-3/4	4	8575604	
1/4	16-5/8	14	8571614*		1/2	38	36	8573236		7/8	12-3/4	10	8575610	
1/4	20-5/8	18	8571618*		9/16	6-3/4	4	8573604		7/8	18-3/4	16	8575616	
9/32	8-5/8	6	8571806		9/16	12-3/4	10	8573610		1	10-3/4	8	8576408	
5/16	6-5/8	4	8572004*		9/16	18-3/4	16	8573616		1	18-3/4	16	8576416	

\*For use with roofing anchors.



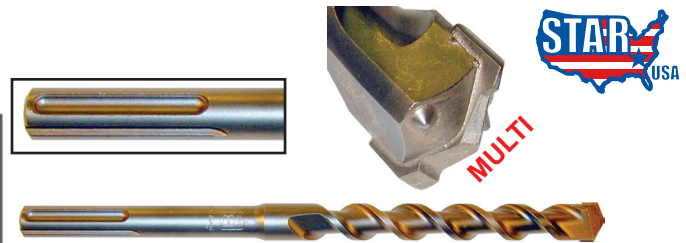
CARBIDE TIPPED

**SDS MAX BITS - (SINGLE & MULTI\* CUTTER)**

SERIES 857:

SDS MAX to SDS+ Adapter	Order No.	Price
	8580000	

\*MULTI: fastest drilling and most reliable quad design in the industry. Rounded carbide "bullets" bounce off steel reinforcement rods (rebars) before any major damage is done to the drill bit.



**SINGLE CUTTER**

Order No.	Size	Overall Lgth	Drill. Depth	Price
8572407	3/8	13"	7"	
8573207	1/2	13"	7"	
5750018	1/2	18"	12"	
8573115	1/2	23-1/2"	18"	
5750030	1/2	30"	24"	
9750036	1/2	36"	30"	
9750048	1/2	48"	42"	
8573607	9/16	13"	7"	
8573615	9/16	23-1/2"	18"	

Order No.	Size	Overall Lgth	Drill. Depth	Price
9574007	5/8	13"	7"	
9762518	5/8	18"	12"	
8574015	5/8	23-1/2"	18"	
9574807	3/4	13"	7"	
9775018	3/4	18"	12"	
8574815	3/4	23-1/2"	18"	
8575607	7/8	13"	7"	
8575615	7/8	23-1/2"	18"	
8576407	1	13"	7"	

Order No.	Size	Overall Lgth	Drill. Depth	Price
8576415	1	23-1/2"	18"	
8577207	1-1/8	13"	7"	
8577215	1-1/8	23-1/2"	21"	
8578009	1-1/4	15"	9"	
8578015	1-1/4	23-1/2"	18"	
8578815	1-3/8	15"	9"	
8579609	1-1/2	15"	9"	
8579615	1-1/2	23-1/2"	18"	

**MULTI CUTTER**

Order No.	Size	Overall Lgth	Drill. Depth	Price
5762513	5/8	13"	7"	
5762518	5/8	18"	12"	
5762521	5/8	23-1/2"	18"	
5762530	5/8	30"	24"	
5762536	5/8	36"	30"	
5762548	5/8	48"	42"	
5775013	3/4	13"	7"	
5775018	3/4	18"	12"	
5775021	3/4	23-1/2"	18"	
5775030	3/4	30"	24"	
5775036	3/4	36"	30"	
5775048	3/4	48"	42"	
5784313	27/32	13"	7"	

Order No.	Size	Overall Lgth	Drill. Depth	Price
5784323	27/32	23-1/2"	18"	
5787513	7/8	13"	7"	
5787518	7/8	18"	12"	
5787521	7/8	23-1/2"	18"	
5787536	7/8	36"	30"	
9710013	1	13"	7"	
5710018	1	18"	12"	
5710021	1	23-1/2"	18"	
5710036	1	36"	30"	
9710048	1	48"	42"	
5712513	1-1/8	13"	7"	
5712518	1-1/8	18"	12"	
5712521	1-1/8	23-1/2"	18"	

Order No.	Size	Overall Lgth	Drill. Depth	Price
5725015	1-1/4	15"	9"	
5725021	1-1/4	23-1/2"	18"	
5725036	1-1/4	36"	30"	
5737518	1-3/8	18"	12"	
5737521	1-3/8	23-1/2"	18"	
5750015	1-1/2	15"	9"	
5750021	1-1/2	23-1/2"	18"	
5750036	1-1/2	36"	30"	
5750048	1-1/2	48"	42"	
9762521	1-5/8	23-1/2"	18"	
9775021	1-3/4	23-1/2"	18"	
9720021	2	23-1/2"	18"	

**STEP DRILLS AND HOLE CUTTERS**

SERIES 962:



- **Easy-to-Sharpen Non Skid Tip** -Eliminates skidding and the need for center punching; the tip gives sure starts even on curved surfaces.
- **Single-Fluted Cutting Edge** -Helps assure true round holes and allows greater control
- **Multiple Steps** - As many as 13 different hole sizes in a single bit eliminates the need to maintain a toolbox full of specific size drill bits
- **Hardened Steel For Long Life** - Constructed of industrial grade high speed molybdenum steel and heat treated to assure maximum durability
- **3 Flatted Shank** - Prevents slipping in drill chuck

Model No.	No. of Holes	Hole Sizes	Steps	Shank Size	Max. Mat. Thick.	Order No	Price
<b>Fractional, Self - Starting - Multiple Hole Sizes</b>							
1	13	1/8" - 1/2"	1/32"	1/4"	1/8"	6210231	
2	6	3/16" - 1/2"	1/16"	1/4"	3/8"	6210232	
3	9	1/4" - 3/4"	1/16"	3/8"	1/8"	6210233	
4	12	3/16" - 7/8"	1/16"	3/8"	1/8"	6210234	
5	10	1/4" - 1-3/8"	1/8"	1/2"	1/8"	6210235	
9	2	7/8" - 1-1/8"	-	1/2"	1/8"	6210239	
<b>Fract., Self - Starting - Gold (TIN) Coated - Multiple hole sizes</b>							
1T	13	1/8" - 1/2"	1/32"	1/4"	1/8"	6215101	
2T	6	3/16" - 1/2"	1/16"	1/4"	3/8"	6215102	
3T	9	1/4" - 3/4"	1/16"	3/8"	1/8"	6215103	
4T	12	3/16" - 7/8"	1/16"	3/8"	1/8"	6215104	
<b>Fractional, Hole Enlarging - Multiple Hole Sizes</b>							
20	8	9/16" - 1"	1/16"	1/2"	1/8"	6210220	
21	10	13/16" - 1-3/8"	1/16"	1/2"	1/8"	6210221	

Model No.	No. of Holes	Hole Sizes	Steps	Shank Size	Max. Mat. Thick.	Order No	Price
<b>Metric, Self-Starting - Multiple hole Sizes</b>							
1M	9	4mm - 12mm	1mm	6.5mm	5mm	6211101	
2M	5	4mm - 12m	2mm	6.5mm	11mm	6211102	
3M	7	6mm - 18mm	2mm	10mm	5mm	6211103	
4M	10	4mm - 22mm	2mm	10mm	5mm	6211104	
5M	13	5mm - 35mm	2-3mm	13mm	3.5mm	6211105	
<b>Metric, Self-Starting - Gold (TIN) Coated Multiple Hole Sizes</b>							
1MT	9	4mm - 12mm	1mm	6.5mm	5mm	6216101	
2MT	5	4mm - 12mm	2mm	10mm	11mm	6216102	
3MT	7	6mm - 18mm	2mm	10mm	5mm	6216103	
4MT	10	4mm - 22mm	2mm	13mm	5mm	6216104	
5MT	13	5mm - 35mm	2-3mm	13mm	3.5mm	6216105	
<b>Metric, Hole - Enlarging</b>							
20mm	6	14mm - 24mm	2mm	13mm	5mm	6211580	
21mm	8	20mm - 34mm	2mm	13mm	5mm	6211581	

For Sets and MEDA HOLE CUTTERS see page 52.

HIGH SPEED STEEL

**SELF STARTING STEP DRILLS**

SERIES 639:

The self starting step drill has an exclusive single radial concave flute, that allows drilling of round holes in thin materials. For use in drilling copper, brass, aluminum and thin steels.



Size Range	Step Increments	No. of Hole Sizes	Shank Size	HSS		TiN COATED	
				Order No.	Order Price	No.	Price
1/8-1/2	32nds	13	1/4	6390101		6390111	
3/16-1/2	16th	6	1/4	6390102		6390112	
1/4-3/4	16th	9	3/8	6390103		6390113	
3/16-7/8	16th	12	3/8	6390104		6390114	
1/4-1-3/8	8th	10	1/2	6390105		6390115	

**FRACTIONAL MULTIPLE HOLE SIZES - SETS**



Style No.	Description	Contents	UNIBIT		MEDA	
			Order No.	Price	Order No.	Price
502	3 Pc HSS Set	1, 2 and 3	6210502		6390106	
502T	3 Pc TiN Set with Pouch	1T, 2T and 3T	6215502		6390116	
225	4 Pc General Purpose Set	1, 2, 4, and 21	6210225		-	



6210225

**DRILL SETS**

SERIES 29:

HIGH SPEED STEEL & COBALT STEEL

**REDUCED SHANK (1/2" & 3/4") DRILL SETS**

HSS



COBALT



Supplied in Wood Stand.

Set Description	Pieces per Set	HIGH SPEED STEEL						COBALT			
		MEDA		REPUBLIC DRILL				MEDA		REPUBLIC DRILL	
		Order No.	Price	Round Shank		Flatted Shank		Order No.	Price	Round Shank	
				Order No.	Price	Order No.	Price	Order No.	Price	Order No.	Price
1/2" Shank - 9/16" - 1" x 16ths	8	1100008		8370008*		8370108*		5320008		8370808*	
1/2" Shank - 33/64" - 1" x 64ths	32**	0293364		8370032		8370132		5323364		8370832	
1/2" Shank - 17/32" - 3/4 x 32nds & 13/16" - 1" x 16ths	12 MEDA 13* REPUBLIC	0293464		8370013		8370113				8370813	
3/4" Shank - 1" - 1-1/2 x 8ths	5	1105005		8370005						8370805	

\*\* Republic: 33 pcs, includes 1/2" size.

\* Supplied in metal case.



HIGH SPEED STEEL

**TAPER SHANK DRILL SETS**

Regular Shank



Supplied in metal case.

Set Description	Pieces per Set	MEDA		REPUBLIC DRILL	
		Order No.	Price	Order No.	Price
Fractional - 33/64" thru 3/4 by 64ths	16	0293348		1743348	
Fractional - 49/64" thru 1" by 64ths	16	0294964		1744964	

HIGH SPEED STEEL

**EXTRA LONG STRAIGHT SHANK DRILLS**

Set Description	Pieces per Set	MEDA		REPUBLIC DRILL	
		Order No.	Price	Order No.	Price
12" OAL 1/8" thru 1/2" by 64ths	25	0290832		1740832	
18" OAL 3/16" thru 1/2" by 32nds	11	0291264		1741264	

Supplied in drill stand.

