

## Carbide Tipped Stub Drills

- Carbide tipped



Size	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
1/8	7/8	1-7/8	116167	45.18
9/64	15/16	1-15/16	116168	48.87
5/32	1	2-1/16	116169	51.18
3/16	1-1/8	2-3/16	116170	54.86
7/32	1-1/4	2-3/8	116171	55.24
1/4	1-3/8	2-1/2	116172	58.99
9/32	1-1/2	2-11/16	116173	70.97
5/16	1-5/8	2-13/16	116174	78.37
3/8	3-1/8	3-1/8	116175	87.14
7/16	3-7/16	3-7/16	116176	102.31
1/2	2-1/4	3-3/4	116177	128.98

## Carbide Tipped Masonry Drills

- Straight shank
- Rotary



### 4" O.A.L.

Size (in.)	Shank Size (in.)	Code No.	Price \$
1/8 (3" OAL)	1/8	116178	6.75
5/32 (3" OAL)	5/32	116179	7.09
11/64 (3" OAL)	11/64	116180	7.09
3/16	3/16	116181	7.25
7/32	7/32	116182	7.44
1/4	1/4	116183	7.58
9/32	1/4	116184	7.77
5/16	1/4	116185	7.88
3/8	1/4	116186	8.54
1/2	1/4	116187	9.86

### 6" O.A.L.

Size (in.)	Shank Size (in.)	Code No.	Price \$
1/8	1/8	116188	7.09
3/16	3/16	116189	7.28
1/4	1/4	116190	7.58
9/32	1/4	116191	8.46
5/16	1/4	116192	8.80
3/8	1/4	116193	8.68
7/16	1/4	116194	9.68
7/16	3/8	116195	9.68
1/2	1/4	116196	10.47
1/2	3/8	116197	10.47
9/16	3/8	116198	14.53
9/16	1/2	116199	14.53
5/8	1/2	116200	25.60
11/16	1/2	116201	27.96
3/4	1/2	116202	19.95
7/8	1/2	116203	25.38
1	1/2	116204	31.11
1-1/8	1/2	116205	44.61
1-1/4	1/2	116206	58.16
1-3/8	1/2	116207	78.40
1-1/2	1/2	116208	80.46

### 12" O.A.L.

Size (in.)	Shank Size (in.)	Code No.	Price \$
1/8	1/8	116209	16.77
3/16	3/16	116210	17.26
1/4	1/4	116211	17.53
5/16	1/4	116212	18.60
3/8	1/4	116213	31.76
7/16	3/8	116214	37.90
1/2	3/8	116215	25.52
9/16	1/2	116216	29.06
5/8	1/2	116217	32.12
11/16	1/2	116218	37.71
3/4	1/2	116219	38.54
7/8	1/2	116220	45.82
1	1/2	116221	52.73
1-1/8	1/2	116222	66.23

### 18" O.A.L.

Size (in.)	Shank Size (in.)	Code No.	Price \$
1/4	1/4	116223	29.96
3/16	3/16	116224	31.64
5/16	1/4	116225	33.80
3/8	5/16	116226	36.04
7/16	3/8	116227	43.28
1/2	3/8	116228	44.30
9/16	1/2	116229	44.30
5/8	1/2	116230	34.14
11/16	1/2	116231	63.10
3/4	1/2	116232	64.60
7/8	1/2	116233	78.11
1	1/2	116234	88.62
1-1/8	1/2	116235	126.17
1-1/4	1/2	116236	133.69
1-1/2	1/2	116237	172.75

## Solid Carbide Centre Drills



Catalog No.	Body Diameter (in.)	Drill Diameter (in.)	Overall Length (in.)	Code No.	Price \$
1	1/8	3/64	1-1/4	170700	17.46
2	3/16	5/64	1-7/8	170702	26.85
3	1/4	7/64	2	170704	32.00
4	5/16	1/8	2-1/8	170706	43.84
5	7/16	3/16	2-3/4	170708	66.34
6	1/2	7/32	3	170710	90.60

## 60° Carbide and HSS Combined Drill & Countersinks



- For centering and spot drilling applications when high accuracy is necessary
- Use carbide for highly abrasive or tough materials in production runs



Size	Drill Dia. (in.)	Body Dia. (in.)	HSS	HSS Code No.	Price \$	Carbide	Carbide Code No.	Price \$
00	0.025	1/8	HS00CD	121810	12.06	C00CD	121830	40.35
0	0.031	1/8	HS0CD	121812	12.06	C0CD	121832	35.37
1	3/64	1/8	HS1CD	121814	9.03	C1CD	121834	29.00
2	5/64	3/16	HS2CD	121816	9.51	C2CD	121836	45.93
3	7/64	1/4	HS3CD	121818	9.86	C3CD	121838	44.87
4	1/8	5/16	HS4CD	121820	10.44	C4CD	121840	61.34
5	3/16	7/16	HS5CD	121822	17.28	C5CD	121842	93.00
6	7/32	1/2	HS6CD	121824	26.31	C6CD	121844	126.87
7	1/4	5/8	HS7CD	121826	48.82	C7CD	121846	246.43
8	5/16	3/4	HS8CD	121828	63.42	C8CD	121848	305.68

## Combined Drills & Countersinks — Plain Type



- 60° countersink



Size	Body Dia. (in.)	Drill Dia./Length (in.)	O.A.L. (in.)	HSS Code No.	Price \$	Cobalt Code No.	Price \$	Solid Carbide Code No.	Price \$
1	1/8	3/64	1-1/4	116238	6.75	116248	24.59	116256	38.24
2	3/16	5/64	1-7/8	116239	6.75	116249	25.08	116257	59.90
3	1/4	7/64	2	116240	6.83	116250	26.29	116258	79.23
4	5/16	1/8	2-1/8	116241	7.02	116251	26.97	116259	108.83
5	7/16	3/16	2-3/4	116242	10.47	116252	50.18	116260	165.07
6	1/2	7/32	3	116243	15.71	116253	67.52	116261	241.03
7	5/8	1/4	3-1/4	116244	22.77	116254	69.08	-	-
8	3/4	5/16	3-1/2	116245	31.68	116255	124.55	-	-
9	7/8	11/32	3-5/8	116246	59.48	-	-	-	-
10	1	3/8	3-3/4	116247	77.77	-	-	-	-