

Center Drills

60° Angle, Plain Style



Size	Body Dia.	Drill Dia.	Overall Length	Milled Order No.	Ground Order No.
1	1/8"	3/64"	1-1/4"	217-4001	217-9001
2	3/16	5/64	1-7/8	217-4002	217-9002
3	1/4	7/64	2	217-4003	217-9003
4	5/16	1/8	2-1/8	217-4004	217-9004
5	7/16	3/16	2-3/4	217-4005	217-9005
6	1/2	7/32	3	217-4006	217-9006
7	5/8	1/4	3-1/4	217-4007	217-9007
8	3/4	5/16	3-1/2	217-4008	217-9008

Bell Type Center Drills

60°/120° Angle, HSS



Size	Body Dia.	Drill Dia.	Bell dia.	Overall Length	Milled Order No.
#11	1/8"	3/64"	0.100"	1-1/4"	217-7001
#12	3/16	1/16	0.150"	1-7/8	217-7002
#13	1/4	3/32	0.200"	2	217-7003
#14	5/16	7/64	0.250"	2-1/8	217-7004
#15	7/16	5/32	0.350"	2-3/4	217-7005
#16	1/2	3/16	0.400"	3	217-7006
#17	5/8	7/32	0.500"	3-1/4	217-7007
#18	3/4	1/4	0.600"	3-1/2	217-7008

Bell Type Center Drills

60/120° Angle, HSS, Ground



Size	Body Dia.	Drill Dia.	Bell Dia.	Overall Length	Order No.
#11	1/8"	3/64"	.1"	1-1/4"	217-2011
#12	3/16	1/16	.15	1-7/8	217-2012
#13	1/4	3/32	.2	2	217-2013
#14	5/16	7/64	.25	2-1/8	217-2014
#15	7/16	5/32	.35	2-3/4	217-2015
#16	1/2	3/16	.4	3	217-2016
#17	5/8	7/32	.5	3-1/4	217-2017
#18	3/4	1/4	.6	3-1/2	217-2018
#19	7/8	5/16	.7	3-5/8	217-2019
#20	1	3/8	.8	3-3/4	217-2020

Missile & Aircraft Mini Center Drills

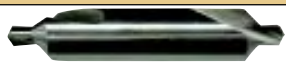
60° Angle, HSS Ground



Size	Body Dia.	Drill Dia.	Overall Length	Order No.
000	1/8"	.020"	1-1/4"	217-5000
00	1/8	.025	1-1/4	217-5001
0	1/8	1/32	1-1/4	217-5002

Plain Center Drills

82° & 90° Angle, HSS Ground



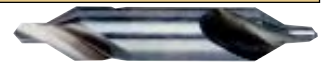
Size	Body Dia.	Drill Dia.	Overall Length	82° Order No.	90° Order No.
1	1/8	3/64	1-1/4	217-2001	217-0001
2	3/16	5/64	1-7/8	217-2002	217-0002
3	1/4	7/64	2	217-2003	217-0003
4	5/16	1/8	2-1/8	217-2004	217-0004
5	7/16	3/16	2-3/4	217-2005	217-0005
6	1/2	7/32	3	217-2006	217-0006
7	5/8	1/4	3-1/4	217-2007	217-0007
8	3/4	5/16	3-1/2	217-2008	217-0008
5pcs: 1-5#				217-9082	217-0015

Long Series Center Drills



Size	Body Dia.	Drill Dia.	Overall Length	Milled Order No.	Ground Order No.
1#	1/8"	3/64"	3"	217-8103	217-7103
1#	1/8	3/64	4	217-8104	217-7104
1#	1/8	3/64	5	217-8105	217-7105
1#	1/8	3/64	6	217-8106	217-7106
2#	3/16	5/64	3	217-8203	217-7203
2#	3/16	5/64	4	217-8204	217-7204
2#	3/16	5/64	5	217-8205	217-7205
2#	3/16	5/64	6	217-8206	217-7206
3#	1/4	7/64	4	217-8304	217-7304
3#	1/4	7/64	5	217-8305	217-7305
3#	1/4	7/64	6	217-8306	217-7306
4#	5/16	1/8	4	217-8404	217-7404
4#	5/16	1/8	5	217-8405	217-7405
4#	5/16	1/8	6	217-8406	217-7406
5#	7/16	3/16	4	217-8504	217-7504
5#	7/16	3/16	5	217-8505	217-7505
5#	7/16	3/16	6	217-8506	217-7506
6#	1/2	7/32	4	217-8604	217-7604
6#	1/2	7/32	5	217-8605	217-7605
6#	1/2	7/32	6	217-8606	217-7606
7#	5/8	1/4	6	217-8706	217-7706
8#	3/4	5/16	6	217-8806	217-7806

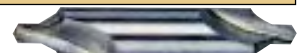
Metric Center Drills



Dia.	Shank Dia	Overall Length	Milled Order No.	Ground Order No.
1.0mm	4mm	35.5mm	217-0010	217-1010
1.6	6.3	45	217-0016	217-1016
2.0	8	50	217-0020	217-1020
2.5	10	45	217-0025	217-1025
3.15	11.2	60	217-0032	217-1032
4.0	14	67	217-0040	217-1040
5.0	18	175	217-0050	217-1050
6.3	20	80	217-0060	217-1060

Metric Center Drills

120° Bell Type



Dia	Shank Dia	Overall Length	Milled Order No.	Ground Order No.
1.0mm	4mm	35.5mm	217-3010	217-4010
1.6	6.3	45	217-3016	217-4016
2.0	8	50	217-3020	217-4020
2.5	10	45	217-3025	217-4025
3.15	11.2	60	217-3032	217-4032
4.0	14	67	217-3040	217-4040
5.0	18	175	217-3050	217-4050
6.3	20	80	217-3060	217-4060

Metric Center Drills

DIN333A, Right Hand, HSS



Size	Shank Dia.	OAL	Order No.
.5mm	3.15mm	20mm	212-0050
.8	3.15	21	212-0080
1	3.15	33.5	212-0100
1.25	3.15	33.5	212-0125
1.6	4	37.5	212-0160
2	5	42	212-0200
2.5	6.3	47	212-0250
3.15	8	52	212-0315
4	10	59	212-0400
5	12.5	66	212-0500
6.3	16	74	212-0630
8	20	83	212-0800
10	25	103	212-1000
12.5	31.5	125	212-1500