

List #1836 Cle-Line® Reduced Shank Drill - 1/2" - Surface Treated



Substrate - HSS
Length - 6"
Surface Treatment - Black Oxide
Shank - 1/2" Reduced
Point - 118°



Features:

- HSS engineered for toughness & ideal for portable drilling & maintenance applications
- Black oxide finish for increased wear resistance & improved lubricity reducing chip welding & galling
- 3 driving flats on shank that make them perfect for use with 3-jaw chucks

Diameter	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Shank Diameter	EDP Number
1/2	.5000	12.70	6	3-1/8	1/2	C09973
33/64	.5156	13.10	6	3-1/8	1/2	C09974
17/32	.5312	13.49	6	3-1/8	1/2	C09975
35/64	.5469	13.89	6	3-1/8	1/2	C09976
9/16	.5625	14.29	6	3-1/8	1/2	C09977
37/64	.5781	14.68	6	3-1/8	1/2	C09978
19/32	.5938	15.08	6	3-1/8	1/2	C09979
39/64	.6094	15.48	6	3-1/8	1/2	C09980
5/8	.6250	15.88	6	3-1/8	1/2	C09981
41/64	.6406	16.27	6	3-1/8	1/2	C09982
21/32	.6562	16.67	6	3-1/8	1/2	C09983
43/64	.6719	17.07	6	3-1/8	1/2	C09984
11/16	.6875	17.46	6	3-1/8	1/2	C09985
45/64	.7031	17.86	6	3-1/8	1/2	C09986
23/32	.7188	18.26	6	3-1/8	1/2	C09987

Diameter	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	Shank Diameter	EDP Number
47/64	.7344	18.65	6	3-1/8	1/2	C09988
3/4	.7500	19.05	6	3-1/8	1/2	C09989
49/64	.7656	19.45	6	3	1/2	C09990
25/32	.7812	19.84	6	3	1/2	C09991
13/16	.8125	20.64	6	3	1/2	C09992
27/32	.8438	21.43	6	3	1/2	C09993
7/8	.8750	22.23	6	3	1/2	C09994
29/32	.9062	23.02	6	3	1/2	C09995
15/16	.9375	23.81	6	3	1/2	C09996
31/32	.9688	24.61	6	3	1/2	C09997
1	1.0000	25.40	6	3	1/2	C09998
1-1/16	1.0625	26.99	6	3	1/2	C09999
1-1/8	1.1250	28.58	6	3	1/2	C10000
1-3/16	1.1875	30.16	6	3	1/2	C10001
1-1/4	1.2500	31.75	6	3	1/2	C10002

List #1830 Cle-Line® Jobber Length Drill - Bright Finish



Substrate - HSS
Length - Jobber Length
Surface Treatment - Bright
Shank - Straight
Point - 118°



Features:

- 118° point for general purpose use
- Bright finish, excellent for nonferrous applications & low tensile steels
- HSS ideal for portable drilling & maintenance applications

Diameter	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	EDP Number
60	.0400	1.02	1-5/8	11/16	C08330
59	.0410	1.04	1-5/8	11/16	C08331
58	.0420	1.07	1-5/8	11/16	C08332
57	.0430	1.09	1-3/4	3/4	C08333
56	.0465	1.18	1-3/4	3/4	C08334
55	.0520	1.32	1-7/8	7/8	C08335
54	.0550	1.40	1-7/8	7/8	C08336
53	.0595	1.51	1-7/8	7/8	C08337
1/16	.0625	1.59	1-7/8	7/8	C08301
52	.0635	1.61	1-7/8	7/8	C08338
51	.0670	1.70	2	1	C08339
50	.0700	1.78	2	1	C08340
49	.0730	1.85	2	1	C08341
48	.0760	1.93	2	1	C08342
5/64	.0781	1.98	2	1	C08302
47	.0785	1.99	2	1	C08343
46	.0810	2.06	2-1/8	1-1/8	C08344
45	.0820	2.08	2-1/8	1-1/8	C08345

Diameter	Decimal Equiv.	Metric Equiv.	Overall Length	Flute Length	EDP Number
44	.0860	2.18	2-1/8	1-1/8	C08346
43	.0890	2.26	2-1/4	1-1/4	C08347
42	.0935	2.37	2-1/4	1-1/4	C08348
3/32	.0938	2.38	2-1/4	1-1/4	C08303
41	.0960	2.44	2-3/8	1-3/8	C08349
40	.0980	2.49	2-3/8	1-3/8	C08350
39	.0995	2.53	2-3/8	1-3/8	C08351
38	.1015	2.58	2-1/2	1-7/16	C08352
37	.1040	2.64	2-1/2	1-7/16	C08353
36	.1065	2.71	2-1/2	1-7/16	C08354
7/64	.1094	2.78	2-5/8	1-1/2	C08304
35	.1100	2.79	2-5/8	1-1/2	C08355
34	.1110	2.82	2-5/8	1-1/2	C08356
33	.1130	2.87	2-5/8	1-1/2	C08357
32	.1160	2.95	2-3/4	1-5/8	C08358
31	.1200	3.05	2-3/4	1-5/8	C08359
1/8	.1250	3.18	2-3/4	1-5/8	C08305
30	.1285	3.26	2-3/4	1-5/8	C08360

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