

Drill Rod W-1 Water Hardened & O-1 Oil Hardened

- (W-1) Water hardened drill rod is the most popular, versatile, and least expensive grade of drill rod. Its high carbon contents allows it to be used often without heat treatment, for maintenance applications.
- (O-1) A non-shrinking general purpose tool steel. Oil hardened drill rod, has excellent abrasion resistance, toughness and machinability characteristics.
- 3-Foot lengths



Diameter	Weight Per Pc.	O-1		W-1	
		Order No.	Price	Order No.	Price
1/16	.03	MC50-004	Price	MD50-004	Price
5/64	.05	MC50-005	Price	MD50-005	Price
3/32	.07	MC50-006	Price	MD50-006	Price
7/64	.10	MC50-007	Price	MD50-007	Price
1/8	.13	MC50-008	Price	MD50-008	Price
9/64	.16	MC50-009	Price	MD50-009	Price
5/32	.20	MC50-010	Price	MD50-010	Price
11/64	.24	MC50-011	Price	MD50-011	Price
3/16	.28	MC50-012	Price	MD50-012	Price
13/64	.33	MC50-013	Price	MD50-013	Price
7/32	.38	MC50-014	Price	MD50-014	Price
15/64	.44	MC50-015	Price	MD50-015	Price
1/4	.50	MC50-016	Price	MD50-016	Price
17/64	.57	MC50-017	Price	MD50-017	Price
9/32	.63	MC50-018	Price	MD50-018	Price
19/64	.71	MC50-019	Price	MD50-019	Price
5/16	.78	MC50-020	Price	MD50-020	Price
21/64	.86	MC50-021	Price	MD50-021	Price
11/32	.95	MC50-022	Price	MD50-022	Price
23/64	1.04	MC50-023	Price	MD50-023	Price
3/8	1.13	MC50-024	Price	MD50-024	Price
25/64	1.22	MC50-025	Price	MD50-025	Price
13/32	1.33	MC50-026	Price	MD50-026	Price
27/64	1.43	MC50-027	Price	MD50-027	Price
7/16	1.53	MC50-028	Price	MD50-028	Price
29/64	1.65	MC50-029	Price	MD50-029	Price
15/32	1.76	MC50-030	Price	MD50-030	Price
31/64	1.88	MC50-031	Price	MD50-031	Price
1/2	2	MC50-032	Price	MD50-032	Price
33/64	2.13	MC50-033	Price	MD50-033	Price
17/32	2.26	MC50-034	Price	MD50-034	Price
35/64	2.4	MC50-035	Price	MD50-035	Price
9/16	2.55	MC50-036	Price	MD50-036	Price
37/64	2.68	MC50-037	Price	MD50-037	Price
19/32	2.82	MC50-038	Price	MD50-038	Price
39/64	2.98	MC50-039	Price	MD50-039	Price
5/8	3.13	MC50-040	Price	MD50-040	Price
41/64	3.29	MC50-041	Price	MD50-041	Price
21/32	3.45	MC50-042	Price	MD50-042	Price

Diameter	Weight Per Pc.	O-1		W-1	
		Order No.	Price	Order No.	Price
43/64	3.62	MC50-043	Price	MD50-043	Price
11/16	3.79	MC50-044	Price	MD50-044	Price
45/64	3.96	MC50-045	Price	MD50-045	Price
23/32	4.14	MC50-046	Price	MD50-046	Price
47/64	4.32	MC50-047	Price	MD50-047	Price
3/4	4.51	MC50-048	Price	MD50-048	Price
49/64	4.69	MC50-049	Price	MD50-049	Price
25/32	4.89	MC50-050	Price	MD50-050	Price
51/64	5.09	MC50-051	Price	MD50-051	Price
13/16	5.29	MC50-052	Price	MD50-052	Price
53/64	5.49	MC50-053	Price	MD50-053	Price
27/32	5.7	MC50-054	Price	MD50-054	Price
55/64	5.92	MC50-055	Price	MD50-055	Price
7/8	6.13	MC50-056	Price	MD50-056	Price
57/64	6.36	MC50-057	Price	MD50-057	Price
29/32	6.58	MC50-058	Price	MD50-058	Price
59/64	6.81	MC50-059	Price	MD50-059	Price
15/16	7.04	MC50-060	Price	MD50-060	Price
61/64	7.28	MC50-061	Price	MD50-061	Price
31/32	7.52	MC50-062	Price	MD50-062	Price
63/64	7.76	MC50-063	Price	MD50-063	Price
1	8.01	MC50-100	Price	MD50-100	Price
1-1/16	9.04	MC50-104	Price	MD50-104	Price
1-1/8	10.14	MC50-108	Price	MD50-108	Price
1-3/16	11.3	MC50-112	Price	MD50-112	Price
1-1/4	12.52	MC50-116	Price	MD50-116	Price
1-5/16	13.8	MC50-120	Price	MD50-120	Price
1-3/8	15.15	MC50-124	Price	MD50-124	Price
1-7/16	16.55	MC50-128	Price	MD50-128	Price
1-1/2	18.03	MC50-132	Price	MD50-132	Price
1-9/16	18.55	MC50-136	Price	MD50-136	Price
1-5/8	21.14	MC50-140	Price	MD50-140	Price
1-11/16	22.8	MC50-144	Price	MD50-144	Price
1-3/4	24.53	MC50-148	Price	MD50-148	Price
1-13/16	26.3	MC50-152	Price	MD50-152	Price
1-7/8	28.15	MC50-156	Price	MD50-156	Price
1-15/16	30.06	MC50-160	Price	MD50-160	Price
2	32.04	MC50-200	Price	MD50-200	Price

(W-1) Water Hardened

Tempering Data	
Temper °F	Rockwell C Hardness
As Hardened	66-68
300	64-65
400	62-64
500	58-59
600	54-56
700	50-51
800	46-47

(O-1) Oil Hardened

Tempering Data	
Temper °F	Rockwell C Hardness
As Quenched	63-65
300	63-65
400	61-64
500	60-63
600	57-60
800	48-51
1000	44-48

Metric Drill Rod O-1 Oil Hardened

3 Feet Lengths

Diameter	Decimal Equiv. (in)	Weight Per Pc.	Order No.	Price
2mm	.0787	.05	MC50-402	Price
3mm	.1181	.112	MC50-403	Price
4mm	.1575	.198	MC50-404	Price
5mm	.1968	.310	MC50-405	Price
6mm	.2362	.446	MC50-406	Price
7mm	.2756	.607	MC50-407	Price
8mm	.3150	.794	MC50-408	Price
9mm	.3543	1.004	MC50-409	Price
10mm	.3937	1.238	MC50-410	Price
11mm	.4331	1.500	MC50-411	Price
12mm	.4724	1.785	MC50-412	Price
13mm	.5118	2.095	MC50-413	Price

Diameter	Decimal Equiv. (in)	Weight Per Pc.	Order No.	Price
14mm	.5512	2.430	MC50-414	Price
15mm	.5906	2.790	MC50-415	Price
16mm	.6299	3.173	MC50-416	Price
17mm	.6693	3.580	MC50-417	Price
18mm	.7087	4.017	MC50-418	Price
19mm	.748	4.475	MC50-419	Price
20mm	.7874	4.959	MC50-420	Price
21mm	.8268	5.467	MC50-421	Price
22mm	.8661	6.000	MC50-422	Price
23mm	.9055	6.558	MC50-423	Price
24mm	.9449	7.141	MC50-424	Price
25mm	.9843	7.747	MC50-425	Price