

**Drill Rod**

**Drill Rod Fractional Sizes**

O1 is the most widely used grade of drill rod. It is a general purpose tool steel, outstanding for its reliability and hardening, good wear resistance, and excellent toughness.

A2 is recommended rather than O1 when increased wear resistance, safer hardening, and less distortion are required.

W1 is a Water hardening grade intended to meet the needs of a machine shop for average work where better grades of tool steel drill rod are not required. Commonly used to make drill bits, taps, reamers, punches, dowel pins, and shafts.

- Grade O1 & A2 Conform to ASTM A681
- Grade W1 Conforms to ASTM A686
- Diameter tolerance for 1/16" to 7/64" is +/- 0.0003", for 1/8" to 31/64" is +/- 0.0005", and for 1/2" and greater is +/- 0.001"
- Length tolerance is +1/8"

Diameter	O1 Part No.	A2 Part No.	W1 Part No.
1/16"	47760	0988690	0987896
5/64"	0988251	0988691	0987897
3/32"	47761	0988692	0987898
7/64"	0988253	0988693	0987899
1/8"	47762	0988694	0987900
9/64"	0988255	0988695	0987901
5/32"	47763	0988696	0987902
11/64"	0988257	0988697	0987903
3/16"	47764	0988698	0987904
13/64"	0988259	0988699	0987905
7/32"	47765	0988700	0987906
15/64"	0988261	0988701	0987907
1/4"	47766	0988702	0987908
17/64"	0988263	0988703	0987909
9/32"	47767	0988704	0987910
19/64"	0988265	0988705	0987911
5/16"	47768	0988706	0987912
21/64"	0988267	0988707	0987913
11/32"	47769	0988708	0987914
23/64"	0988269	0988709	0987915
3/8"	47770	0988710	0987916
25/64"	0988271	0988711	0987917
13/32"	47771	0988712	0987918
27/64"	0988273	0988713	0987919
7/16"	47772	0988714	0987920
29/64"	0988275	0988715	0987921
15/32"	47773	0988716	0987922
31/64"	0988277	0988717	0987923
1/2"	47774	0988718	0987924
33/64"	0988279	-	0987925
17/32"	47775	0988719	0987926
35/64"	0988281	-	-
9/16"	47776	0988720	0987927
37/64"	0988283	-	-
19/32"	47777	0988721	0987928
39/64"	0988285	-	-
5/8"	47778	0988722	0987929
21/32"	47779	0988723	0987930
11/16"	47780	0988724	0987931
23/32"	47781	0988725	0987932
3/4"	47782	0988726	0987933
25/32"	47783	-	0987934
13/16"	47784	0988727	0987935
27/32"	47785	-	0987936
7/8"	47786	0988728	0987937
29/32"	47787	-	0987938
15/16"	47788	-	0987939
31/32"	47789	-	0987940
1"	47790	0988729	0987941
1-1/16"	47791	0988730	0987942
1-1/8"	47792	0988731	0987943
1-3/16"	47793	-	0987944
1-1/4"	47794	0988732	0987945
1-5/16"	47795	-	0987946
1-3/8"	0988304	0988733	0987947
1-7/16"	0988305	-	0987948
1-1/2"	0988306	0988734	0987949
1-9/16"	-	-	0987950

Diameter	O1 Part No.	A2 Part No.	W1 Part No.
1-5/8"	0988307	-	0987951
1-11/16"	-	-	0987952
1-3/4"	0988308	0988735	0987953
1-13/16"	-	-	0987954
1-7/8"	0988309	-	0987955
1-15/16"	-	-	0987956
2"	0988310	0988736	0987957
2-1/2"	0988312	-	-
2-3/4"	0988313	-	-
3"	0988314	-	-

**Drill Rod Number Sizes**

Diameter	O1 Part No.	W1 Part No.
#1	0988369	0988009
#2	0988368	0988008
#3	0988367	0988007
#4	0988366	0988006
#5	0988365	0988005
#6	0988364	0988004
#7	0988363	0988003
#8	0988362	0988002
#9	0988361	0988001
#10	0988360	0988000
#11	0988359	0987999
#12	0988358	0987998
#13	0988357	0987997
#14	0988356	0987996
#15	0988355	0987995
#16	0988354	0987994
#17	0988353	0987993
#18	0988352	0987992
#19	0988351	0987991
#20	0988350	0987990
#21	0988349	0987989
#22	0988348	0987988
#23	0988347	0987987
#24	0988346	0987986
#25	0988345	0987985
#26	0988344	0987984
#27	0988343	0987983
#28	0988342	0987982
#29	0988341	0987981
#30	0988340	0987980
#31	0988339	0987979
#32	0988338	0987978
#33	0988337	0987977
#34	0988336	0987976
#35	0988335	0987975
#36	0988334	0987974
#37	0988333	0987973
#38	0988332	0987972
#39	0988331	0987971
#40	0988330	0987970
#41	0988329	0987969
#42	0988328	0987968
#43	0988327	0987967
#44	0988326	0987966
#45	0988325	0987965
#46	0988324	0987964
#47	0988323	0987963
#48	0988322	0987962
#49	0988321	0987961
#50	0988320	0987960
#51	0988319	0987959
#52	0988318	0987958

**Drill Rod Letter Sizes**

Diameter	O1 Part No.
A	0988370
B	0988371
C	0988372
D	0988373
F	0988375
G	0988376
H	0988377
I	0988378
J	0988379
K	0988380
L	0988381
M	0988382
N	0988383
O	0988384
P	0988385
Q	0988386
R	0988387
S	0988388
T	0988389
U	0988390
V	0988391
W	0988392
X	0988393
Y	0988394
Z	0988395

**Drill Rod Metric Sizes**

- Grade O1 & A2 Conform to ASTM A681
- Diameter tolerance for 2mm and 3mm sizes is +/- 0.008mm, for 4mm to 12mm sizes is +/- 0.013mm, and for 13mm and greater sizes is +/- 0.025mm
- Length tolerance is +1/8"

Diameter	O1 Part No.	A2 Part No.
2mm	46950	0988740
3mm	46951	0988741
4mm	46952	0988742
5mm	46953	0988743
6mm	46954	0988744
7mm	46955	0988745
8mm	46956	0988746
9mm	46957	0988747
10mm	46958	0988748
11mm	46959	0988749
12mm	46960	0988750
13mm	46961	0988751
14mm	46962	0988752
15mm	46963	0988753
16mm	46964	0988754
17mm	46965	0988755
18mm	46966	0988756
19mm	46967	0988757
20mm	46968	0988758
21mm	46969	0988759
22mm	46970	0988760
23mm	46971	0988761
24mm	46972	0988762
25mm	46973	0988763
30mm	0988420	-

**RAW MATERIALS**



*Fastenal's FAST 5000 allows you to immediately reduce product consumption, on-hand inventory, and administration costs.*