

Tools – Jobber Length Drill Bits



214816 shown

Jobber Length Drills

These high performance twist drills are suitable for all normal drilling in conventional materials. Available in High Speed Steel (HSS) and Titanium Nitride-coated High Speed Steel (TSS-TiN), the added titanium nitride coating increases the surface hardness to approximately 2300 HV and the heat resistance to 1100°F (600°C).

- Point Cut: 1/8" dia. with split point
DIN 1412 C
- Point angle: 118°
- Helix angle: 20° to 30°
- Right-hand cutting

Features

The HSS ground twist drill is made of heavy-duty high-speed steel. The fully ground twist drill has a more precise concentricity. HSS-TiN models add a titanium nitride coating, to increase the surface hardness and the heat resistance. This also provides longer tool life with increased cutting speeds.

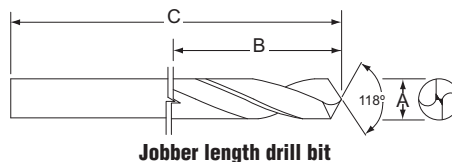
Application

Use HSS and HSS-TiN coated drills for:

- Steel and stainless steel
- Alloyed and unalloyed cast iron (up to strength of 13,000 psi)
- Grey, malleable, ductile and die-cast iron
- Sintered iron, nickel silver, graphite
- Short chipping aluminum alloys
- Brass and bronze

Jobber Length Drill Bits

	Part # High Speed Steel	Pcs/Pkg	Price	Part # Titanium Coated	Pcs/Pkg	Price	Drill Size (Gauge) (in.)	Ø Size (A) (in.)	Flute Length (B) (in.)	Overall Length (C) (in.)	Use With
Fractional	214801	10	<--->	250801T	10	<--->	1/16	0.0625	7/8	1 7/8	
	214802	10	<--->	250802T	10	<--->	5/64	0.0781	1	2	
	214803	10	<--->	250803T	10	<--->	3/32	0.0938	1 1/4	2 1/4	
	214804	10	<--->	250804T	10	<--->	7/64	0.1094	1 1/2	2 5/8	
	214805	10	<--->	250805T	10	<--->	1/8	0.1250	1 5/8	2 3/4	
	214806	10	<--->	250806T	10	<--->	9/64	0.1406	1 3/4	2 7/8	
	214807	10	<--->	250807T	10	<--->	5/32	0.1562	2	3 1/8	
	214808	10	<--->	250808T	10	<--->	11/64	0.1719	2 1/8	3 1/4	
	214809	10	<--->	250809T	10	<--->	3/16	0.1875	2 5/16	3 1/2	
	214810	10	<--->	250810T	10	<--->	13/64	0.2031	2 7/16	3 5/8	
	214811	10	<--->	250811T	10	<--->	7/32	0.2188	2 1/2	3 3/4	
	214812	10	<--->	250812T	10	<--->	15/64	0.2344	2 5/8	3 7/8	
	214813	10	<--->	250813T	10	<--->	1/4	0.2500	2 3/4	4	
	214814	10	<--->	250814T	10	<--->	17/64	0.2656	2 7/8	4 1/8	
	214815	10	<--->	250815T	10	<--->	9/32	0.2813	2 15/16	4 1/4	
	214816	10	<--->	250816T	10	<--->	19/64	0.2969	3 1/16	4 3/8	
	214817	10	<--->	250817T	10	<--->	5/16	0.3125	3 3/16	4 1/2	265038UNC
	214818	10	<--->	250818T	10	<--->	21/64	0.3281	3 5/16	4 5/8	
	214819	10	<--->	250819T	10	<--->	11/32	0.3438	3 7/16	4 3/4	
	214820	10	<--->	250820T	10	<--->	23/64	0.3594	3 1/2	4 7/8	
	214821	10	<--->	250821T	10	<--->	3/8	0.3750	3 5/8	5	
	214822	10	<--->	250822T	10	<--->	25/64	0.3906	3 3/4	5 1/8	
	214823	10	<--->	250823T	10	<--->	13/32	0.4062	3 7/8	5 1/4	
	214824	5	<--->	250824T	5	<--->	27/64	0.4219	3 15/16	5 3/8	
	214825	5	<--->	250825T	5	<--->	7/16	0.4375	4 1/16	5 1/2	
	214826	5	<--->	250826T	5	<--->	29/64	0.4531	4 3/16	5 5/8	
	214827	5	<--->	250827T	5	<--->	15/32	0.4688	4 5/16	5 3/4	
	214828	5	<--->	250828T	5	<--->	31/64	0.4844	4 3/8	5 7/8	
	214829	5	<--->	250829T	5	<--->	1/2	0.5000	4 1/2	6	





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	Part # High Speed Steel	Pcs/Pkg	Price	Part # Titanium Coated	Drill Size (Gauge)	Ø Size A (in. dec.)	Flute Length B (in.)	Overall Length C (in.)	Use With
Number	2149003	10	<--->	Titanium coating not available in these sizes	3	0.2130	2 1/2	3 3/4	265014UNF
	2149007	10	<--->		7	0.2010	2 7/16	3 5/8	265014UNC
	2149014	10	<--->		14	0.1820	2 3/16	3 3/8	265120UNF
	2149016	10	<--->		16	0.1770	2 3/16	3 3/8	265120UNC
	2149021	10	<--->		21	0.1590	2 1/8	3 1/4	265100UNF
	2149025	10	<--->		25	0.1495	1 7/8	3	265100UNC
	2149029	10	<--->		29	0.1360	1 3/4	2 7/8	265080UNC, 265080UNF
	2149033	10	<--->		33	0.1130	1 1/2	2 5/8	265060UNF
	2149036	10	<--->		36	0.1065	1 7/16	2 1/2	265060UNC
	2149037	10	<--->		37	0.1040	1 7/16	2 1/2	265050UNF
	2149038	10	<--->		38	0.1015	1 7/16	2 1/2	265050UNC
	2149042	10	<--->		42	0.0935	1 1/4	2 1/4	265040UNF
2149043	10	<--->	43	0.0890	1 1/4	2 1/4	265040UNC		
Letter	214900F	10	<--->		F	0.2570	2 7/8	4 1/8	265516UNC
	214900I	10	<--->		I	0.2720	2 7/8	4 1/8	265516UNF
	214900Q	10	<--->		Q	0.3320	3 7/16	4 3/4	265038UNF



Tools – Drill Bit Kits

Step and jobber length fractional size drill bits in convenient kits of 3 (step), 21 or 29 (jobber length) pieces.



Jobber length drill set 214850 shown

Drill Bit Kits			
Part #	Pcs/Pkg	Price	Description
101026US	3	<--->	Three-piece Step Drill Bit Kit High Speed Steel, bright finish, spiral fluted with split point. Drill size 1: 6 steps from 3/16" to 1/2" with 1/16" increments. Shank size 1/4" Drill size 2: 13 steps from 1/8 to 1/2" with 1/32" increments. Shank size 1/4" Drill size 3: 9 steps from 1/4" to 3/4" with 1/16" increments. Shank size 3/8"
214850	21	<--->	Jobber Length Drill Set Fractional sizes 1/16" to 3/8" in increments of 1/64" High-speed steel, 118 degrees point
214851	29	<--->	Jobber Length Drill Set Fractional sizes 1/16" to 1/2" in increments of 1/64" High-speed steel, 118 degrees point.
250850T	21	<--->	Jobber Length Drill Set Fractional sizes 1/16" to 3/8" in increments of 1/64" TiN-coated high-speed steel, 118 degrees point
250851T	29	<--->	Jobber Length Drill Set Fractional sizes 1/16" to 1/2" in increments of 1/64" TiN-coated high-speed steel, 118 degrees point