

Tools – Drill Bit Sets

**214214RO**

Drill Bit Sets		
Part #	Price	Description
<u>101026USRO</u>	\$76.00	Three-piece Step Drill Bit Set 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"
<u>101026USERO</u>	\$109.00	Three-piece Step Drill Bit Set HSS-Co5 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"
<u>101026USTRO</u>	\$120.00	Three-piece Step Drill Bit Set HSS-TiN coated 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"
<u>214215RO</u>	Retired	25-piece jobber Length Drill Set Metric sizes 1.0 to 13.0 mm in increments of 0.5 mm High-speed steel, 118 degrees point
<u>214850RO</u>	\$40.50	21-piece jobber Length Drill Set Fractional sizes 1/16" to 3/8" in increments of 1/64" High-speed steel, 118 degrees point
<u>214851RO</u>	\$66.00	29-piece jobber Length Drill Set Fractional sizes 1/16" to 1/2" in increments of 1/64" High-speed steel, 118 degrees point.



Tools – Jobber Length Drill Bits



214816

Application

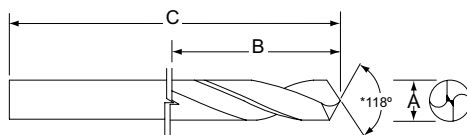
Use HSS, HSS-Co5 and HSS-TiN coated drills for:

- 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 Drills

These high performance twist drills are suitable for all normal drilling in conventional materials. Drill bits are available in High Speed Steel (HSS), High Speed Steel with 5% Cobalt alloy (HSS-Co5) and Titanium Nitride-coated High Speed Steel (HSS-TiN).

- Point Cut: 1/8" dia. with split point DIN 1412 C
- Point angle: 118° HSS & HSS-TiN / 135° HSS-Co5
- Helix angle: 20° to 30°
- Right hand cutting



Jobber length drill bit

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-Co5 drills are ideally suited for materials that are especially difficult to drill such as stainless steel and for higher chip loading. HSS-TiN models add a titanium nitride coating to increase the surface hardness to approximately 2300 HV and the heat resistance to 1100°F (600°C). This also provides longer tool life with increased cutting speeds.

*Point angle for HSS-Co5 bits is 135°

Jobber Length Drill Bits - Fractional Sizes

Part # High Speed Steel	Pcs /Pkg	Price	Part # Titanium Coated	Pcs /Pkg	Price	Part # Cobalt 5	Pcs /Pkg	Price	Drill Size (Gauge) (in.)	Ø Size (A) (in.)	Flute Length (B) (in.)	Overall Length (C) (in.)	For Tapping Use With
214801	10	Retired				215801	10	Retired	1/16	0.0625	7/8	1-7/8	
214802	10	\$5.50				215802	10	Retired	5/64	0.0781	1	2	
214803	10	\$6.00				215803	10	Retired	3/32	0.0938	1 1/4	2-1/4	
214804	10	\$6.75	250804T	10	Retired	215804	10	Retired	7/64	0.1094	1 1/2	2-5/8	
214805	10	\$7.75				215805	10	Retired	1/8	0.1250	1-5/8	2-3/4	
214806	10	\$8.25				215806	10	Retired	9/64	0.1406	1-3/4	2-7/8	
214807	10	\$8.25	250807T	10	Retired	215807	10	Retired	5/32	0.1562	2	3-1/8	
214808	10	\$9.00	250808T	10	Retired	215808	10	Retired	11/64	0.1719	2-1/8	3-1/4	
214809	10	\$11.00	250809T	10	Retired	215809	10	Retired	3/16	0.1875	2-5/16	3-1/2	
214810	10	\$12.00				215810	10	Retired	13/64	0.2031	2-7/16	3-5/8	
214811	10	\$13.00	250811T	10	Retired	215811	10	Retired	7/32	0.2188	2-1/2	3-3/4	
214812	10	Retired	250812T	10	Retired	215812	10	Retired	15/64	0.2344	2-5/8	3-7/8	
214813	10	\$14.00				215813	10	Retired	1/4	0.2500	2-3/4	4	
214814	10	\$17.00	250814T	10	Retired	215814	10	Retired	17/64	0.2656	2-7/8	4-1/8	
214815	10	\$18.00	250815T	10	Retired	215815	10	Retired	9/32	0.2813	2-15/16	4-1/4	
214816	10	Retired	250816T	10	Retired	215816	10	Retired	19/64	0.2969	3-1/16	4-3/8	
214817	10	\$19.00	250817T	10	Retired	215817	10	Retired	5/16	0.3125	3-3/16	4-1/2	265038UNC
214818	10	Retired				215818	10	Retired	21/64	0.3281	3-5/16	4-5/8	
214819	10	\$26.00	250819T	10	Retired	215819	10	Retired	11/32	0.3438	3-7/16	4-3/4	
214820	10	Retired	250820T	10	Retired	215820	10	Retired	23/64	0.3594	3-1/2	4-7/8	
214821	10	\$31.00	250821T	10	Retired	215821	10	Retired	3/8	0.3750	3-5/8	5	
214822	10	\$32.00	250822T	10	Retired	215822	10	Retired	25/64	0.3906	3-3/4	5-1/8	
214823	10	Retired	250823T	10	Retired	215823	10	Retired	13/32	0.4062	3-7/8	5-1/4	
214824	5	Retired	250824T	5	Retired	215824	5	Retired	27/64	0.4219	3-15/16	5-3/8	
214825	5	\$21.50	250825T	5	Retired	215825	5	Retired	7/16	0.4375	4-1/16	5-1/2	
214826	5	Retired	250826T	5	Retired	215826	5	Retired	29/64	0.4531	4-3/16	5-5/8	
214827	5	Retired	250827T	5	Retired	215827	5	Retired	15/32	0.4688	4-5/16	5-3/4	
214828	5	Retired	250828T	5	Retired	215828	5	Retired	31/64	0.4844	4-3/8	5-7/8	
214829	5	\$27.00	250829T	5	Retired	215829	5	Retired	1/2	0.5000	4-1/2	6	



Tools – Jobber Length Drill Bits



214816

Jobber Length Drill Bits - Number and Letter Sizes

	Part # High Speed Steel	Pcs/ Pkg	Price	Drill Size (Gauge)	Ø Size A (in. dec.)	Flute Length B (in.)	Overall Length C (in.)	For Tapping Use With
Number	2149003	10	Retired	3	0.2130	2-1/4	3-3/4	265014UNF
	2149007	10	\$12.00	7	0.2010	2	3-3/8	265014UNC
	2149014	10	Retired	14	0.1820	1-11/16	3-1/8	265120UNF
	2149016	10	Retired	16	0.1770	1-7/8	3-1/8	265120UNC
	2149021	10	\$9.00	21	0.1590	1-5/8	2-15/16	265100UNF
	2149025	10	\$8.25	25	0.1495	1-5/8	2-15/16	265100UNC
	2149029	10	\$7.75	29	0.1360	1-9/16	2-7/8	265080UNC , 265080UNF
	2149033	10	Retired	33	0.1130	1-5/16	2-3/8	265060UNF
	2149036	10	\$8.25	36	0.1065	1-1/4	2-3/8	265060UNC
	2149037	10	Retired	37	0.1040	1-1/4	2-1/4	265050UNF
	2149038	10	Retired	38	0.1015	1-1/4	2-1/4	265050UNC
	2149042	10	Retired	42	0.0935	1-1/4	2-1/4	265040UNF
	2149043	10	Retired	43	0.0890	1-1/16	2-1/16	265040UNC
Letter	214900F	10	\$14.50	F	0.2570	2-3/8	4	265516UNC
	214900I	10	Retired	I	0.2720	2-3/4	4-1/4	265516UNF
	214900Q	10	Retired	Q	0.3320	3	4-5/8	265038UNF
	214900R	10	\$39.00	R	0.3390	3-7/16	4-3/4	231018NPT

Jobber Length Drill Bits - Metric Sizes

	Part # High Speed Steel	Pcs/Pkg	Price	Part # Cobalt 5	Pcs/Pkg	Price	Drill Size A (mm)	Flute Length B (mm)	Overall Length C (mm)
Metric	214010	10	Retired	215010	10	Retired	1.0	12.0	34.0
	214015	10	Retired	215015	10	\$13.50	1.5	18.0	40.0
	214020	10	Retired	215020	10	Retired	2.0	24.0	49.0
	214025	10	Retired	215025	10	Retired	2.5	30.0	57.0
	214030	10	Retired	215030	10	Retired	3.0	33.0	61.0
	214033	10	Retired	215033	10	Retired	3.3	36.0	65.0
	214035	10	Retired	215035	10	Retired	3.5	39.0	70.0
	214040	10	Retired	215040	10	Retired	4.0	43.0	75.0
	214042	10	Retired	215042	10	Retired	4.2	43.0	75.0
	214045	10	Retired	215045	10	Retired	4.5	47.0	80.0
	214050	10	Retired	215050	10	Retired	5.0	52.0	86.0
	214055	10	Retired	215055	10	Retired	5.5	57.0	93.0
	214060	10	Retired	215060	10	Retired	6.0	57.0	93.0
	214065	10	Retired	215065	10	Retired	6.5	63.0	101.0
	214068	10	Retired	215068	10	Retired	6.8	69.0	109.0
	214070	10	Retired	215070	10	Retired	7.0	69.0	109.0



Tools – Jobber Length Drill Bits

Jobber Length Drill Bits - Metric Sizes Continued									
Metric	Part # High Speed Steel	Pcs/Pkg	Price	Part # Cobalt 5	Pcs/Pkg	Price	Drill Size A (mm)	Flute Length B (mm)	Overall Length C (mm)
	<u>214075</u>	10	Retired	<u>215075</u>	10	Retired	7.5	69.0	109.0
	<u>214080</u>	10	Retired	<u>215080</u>	10	Retired	8.0	75.0	117.0
	<u>214085</u>	10	Retired	<u>215085</u>	10	Retired	8.5	75.0	117.0
	<u>214090</u>	10	Retired	<u>215090</u>	10	Retired	9.0	81.0	125.0
	<u>214095</u>	10	Retired	<u>215095</u>	10	Retired	9.5	81.0	125.0
	<u>214100</u>	10	Retired	<u>215100</u>	10	Retired	10.0	87.0	133.0
	<u>214102</u>	10	Retired	<u>215102</u>	10	Retired	10.2	87.0	133.0
	<u>214105</u>	5	Retired	<u>215105</u>	5	Retired	10.5	87.0	133.0
	<u>214110</u>	5	Retired	<u>215110</u>	5	Retired	11.0	94.0	142.0
	<u>214115</u>	5	Retired	<u>215115</u>	5	\$62.00	11.5	94.0	142.0
	<u>214120</u>	5	Retired	<u>215120</u>	5	\$64.00	12.0	101.0	151.0
	<u>214125</u>	5	Retired	<u>215125</u>	5	\$71.00	12.5	101.0	151.0
	<u>214130</u>	5	Retired	<u>215130</u>	5	\$73.00	13.0	101.0	151.0