RUKO Drill Bits



214816

Application

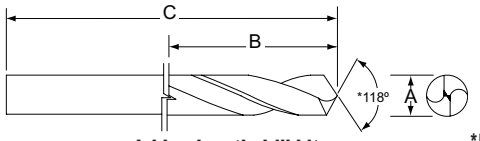
Use HSS, HSS-Co5 and HSS-TiN coated drills for:

- 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 Drill Bits

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% Colbalt 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

*Point angle for HSS-Co5 bits is 135°

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 stainlesss 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.

Jobber Length Drill Bits - Fractional Sizes

	Part # High Speed Steel	Pcs /Pkg	Price	Drill Size) (in.)	Ø Size (A) (in.)	Flute Length (B) (in.)	Overall Length (C) (in.)	For Tapping Use With
Fractional	214802	10		5/64	0.0781	1	2	
	214803	10		3/32	0.0938	1 1/4	2-1/4	
	214804	10		7/64	0.1094	1 1/2	2-5/8	
	214805	10		1/8	0.1250	1-5/8	2-3/4	
	214806	10		9/64	0.1406	1-3/4	2-7/8	
	214807	10		5/32	0.1562	2	3-1/8	
	214808	10		11/64	0.1719	2-1/8	3-1/4	
	214809	10		3/16	0.1875	2-5/16	3-1/2	
	214810	10		13/64	0.2031	2-7/16	3-5/8	
	214811	10		7/32	0.2188	2-1/2	3-3/4	
	214813	10		1/4	0.2500	2-3/4	4	
	214814	10		17/64	0.2656	2-7/8	4-1/8	
	214815	10		9/32	0.2813	2-15/16	4-1/4	
	214817	10		5/16	0.3125	3-3/16	4-1/2	265038UNC
	214819	10		11/32	0.3438	3-7/16	4-3/4	
	214821	10		3/8	0.3750	3-5/8	5	
	214822	10		25/64	0.3906	3-3/4	5-1/8	
	214825	5		7/16	0.4375	4-1/16	5-1/2	
	214829	5		1/2	0.5000	4-1/2	6	

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	2149007	10		7	0.2010	2	3-3/8	265014UNC
	2149021	10		21	0.1590	1-5/8	2-15/16	265100UNF
	2149025	10		25	0.1495	1-5/8	2-15/16	265100UNC
	2149029	10		29	0.1360	1-9/16	2-7/8	265080UNC, 265080UNF
	2149036	10		36	0.1065	1-1/4	2-3/8	265060UNC
Letter	214900F	10		F	0.2570	2-3/8	4	265516UNC

RUKO Drill Bits



214214RO

Drill Bit Sets		
Part #	***Price***	***Description***
101026USRO		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"
101026USERO		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"
101026USTRO		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"
214850RO		21-piece jobber Length Drill Set Fractional sizes 1/16" to 3/8" in increments of 1/64" High-speed steel, 118 degrees point
214851RO		29-piece jobber Length Drill Set Fractional sizes 1/16" to 1/2" in increments of 1/64" High-speed steel, 118 degrees point.