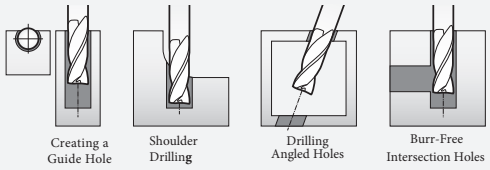
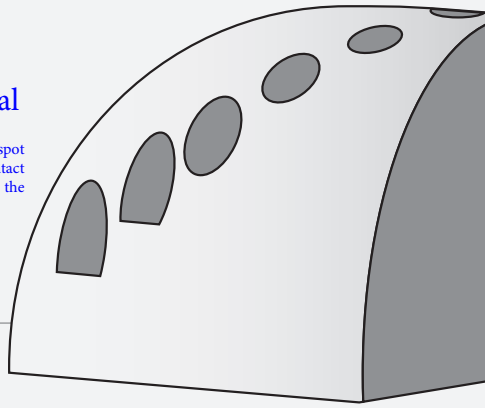
FBD 2 Flute Flat Bottom Drills for Aluminum

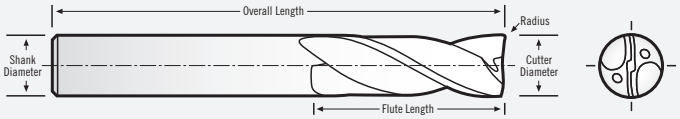


Materials

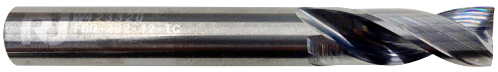
Drilling Curved Material

If drilling on flat surfaces and the drill walks spot drill first to reduce the amount of surface contact when starting the hole. The longer a drill is, the higher the chance that it will walk.





FBD Series Tolerances
Cutting Dia. = +0.000/−0.0005"
Shank Dia. = −0.0001/−0.0002"
Flute Length = +0.060/ −0.000"
OAL = ±0.060"



2 NEW! **180° Tip**

FBD-201 2 Flute 2x Diameter Flat Bottom Drills

Cutting Diameter	Shank Diameter	Flute Length	Max Hole depth	Corner Radius	Overall Length	Uncoated	DLC Coated	Thru Coolant Uncoated	Thru Coolant DLC Coated
0.1250	0.1250	0.375	0.25	0.005	1.5	FBD-201-04	FBD-201-04-DLC	FBD-201-04-TC	FBD-201-04-TC-DLC
0.1875	0.1875	0.5625	0.375	0.01	2.5	FBD-201-06	FBD-201-06-DLC	FBD-201-06-TC	FBD-201-06-TC-DLC
0.2500	0.2500	0.75	0.5	0.01	2.5	FBD-201-08	FBD-201-08-DLC	FBD-201-08-TC	FBD-201-08-TC-DLC
0.3125	0.3125	0.9375	0.625	0.02	2.5	FBD-201-10	FBD-201-10-DLC	FBD-201-10-TC	FBD-201-10-TC-DLC
0.3750	0.3750	1.125	0.75	0.02	3	FBD-201-12	FBD-201-12-DLC	FBD-201-12-TC	FBD-201-12-TC-DLC
0.5000	0.5000	1.5	1	0.02	3.5	FBD-201-16	FBD-201-16-DLC	FBD-201-16-TC	FBD-201-16-TC-DLC

2 NEW!

FBD-202 2 Flute 5x Diameter Flat Bottom Drills

Cutting Diameter	Shank Diameter	Flute Length	Max Hole depth	Corner Radius	Overall Length	Uncoated	DLC Coated	Thru Coolant Uncoated	Thru Coolant DLC Coated
0.1250	0.1250	0.75	0.625	0.005	2	FBD-202-04	FBD-202-04-DLC	FBD-202-04-TC	FBD-202-04-TC-DLC
0.1875	0.1875	1.125	0.9375	0.01	2.5	FBD-202-06	FBD-202-06-DLC	FBD-202-06-TC	FBD-202-06-TC-DLC
0.2500	0.2500	1.5	1.25	0.01	3	FBD-202-08	FBD-202-08-DLC	FBD-202-08-TC	FBD-202-08-TC-DLC
0.3125	0.3125	1.875	1.5625	0.02	3.5	FBD-202-10	FBD-202-10-DLC	FBD-202-10-TC	FBD-202-10-TC-DLC
0.3750	0.3750	2.25	1.875	0.02	4	FBD-202-12	FBD-202-12-DLC	FBD-202-12-TC	FBD-202-12-TC-DLC
0.5000	0.5000	3	2.5	0.02	5	FBD-202-16	FBD-202-16-DLC	FBD-202-16-TC	FBD-202-16-TC-DLC