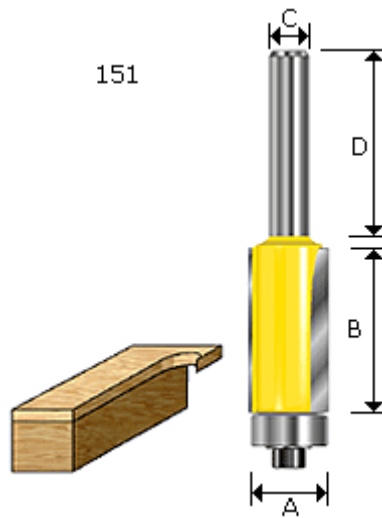


Name: FLUSH TRIM BITS

Model:151 SERIES



FEATURES:

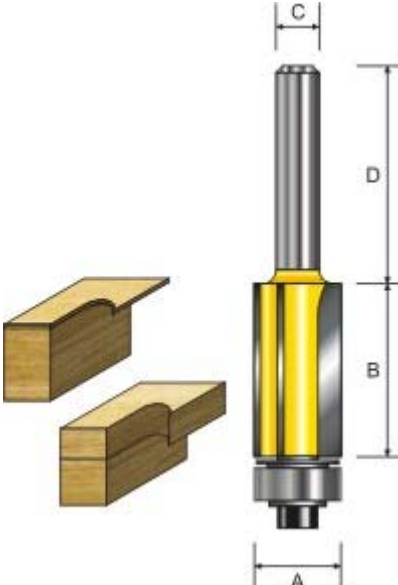
Two flutes, 1/4" & 1/2" shank

A twin flute cutters with bearing guide on the bottom of the shaft below the blades, the same diameter as the blades providing a flush trim of anything protruding beyond the surface that the bearing runs along. Primarily designed to flush trim overlaid surfaces such as laminates, this cutter can also be used for template work where the template is below the worked material or, alternatively, with a router mounted in a router table where the template is above the worked material. In both cases it is suitable for straight and particularly shaped patterns.

Specification:

Item NO.	A	B	C	D	BEARING
151006	1/4	3/4	1/4	1-1/4	1/4
151007	1/4	1	1/4	1-1/4	1/4
151009	3/8	1/2	1/4	1-1/4	3/8
151010	3/8	1	1/4	1-1/4	3/8
151011	1/2	1/2	1/4	1-1/4	1/2
151021	1/2	1	1/4	1-1/4	1/2
151041	1/2	1-1/4	1/4	1-1/4	1/2
151071	5/8	1/2	1/4	1-1/4	5/8
151073	5/8	1	1/4	1-1/4	5/8
151081	3/4	1/2	1/4	1-1/4	3/4
151083	3/4	1	1/4	1-1/4	3/4
151411	1/2	1/2	1/2	1-1/2	1/2
151421	1/2	1	1/2	1-1/2	1/2
151431	1/2	1-3/16	1/2	1-1/2	1/2
151441	1/2	1-1/4	1/2	1-1/2	1/2
151451	1/2	1-1/2	1/2	1-1/2	1/2

151461	1/2	2	1/2	1-1/2	1/2
151471	5/8	1/2	1/2	1-1/2	5/8
151473	5/8	1	1/2	1-1/2	5/8
151475	5/8	1-1/4	1/2	1-1/2	5/8
151477	5/8	1-1/2	1/2	1-1/2	5/8
151479	5/8	2	1/2	1-1/2	5/8
151481	3/4	1/2	1/2	1-1/2	3/4
151483	3/4	1	1/2	1-1/2	3/4
151485	3/4	1-1/4	1/2	1-1/2	3/4
151487	3/4	1-1/2	1/2	1-1/2	3/4
151489	3/4	2	1/2	1-1/2	3/4

Name: FLUSH TRIM BITS	
Model:151 SERIES	
<p>FEATURES:</p> <p>Three flutes, 1/4" & 1/2" shank</p> <p>A triple flute cutters with bearing guide on the bottom of the shaft below the blades, the same diameter as the blades providing a flush trim of anything protruding beyond the surface that the bearing runs along. Primarily designed to flush trim overlaid surfaces such as laminates, this cutter can also be used for template work where the template is below the worked material or alternatively, with a router mounted in a router table where the template is above the worked material. In both cases it is suitable for straight and particularly shaped patterns.</p>	
	
Specification:	

Item No.	A	B	C	D	Bearing
151111	1/2	1/2	1/4	1-1/4	1/2
151121	1/2	1	1/4	1-1/4	1/2
151141	1/2	1-1/4	1/4	1-1/4	1/2

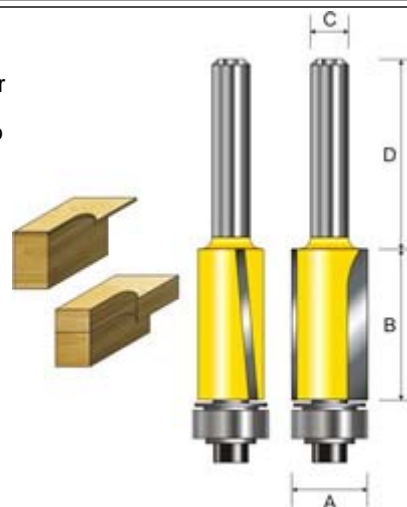
151171	5/8	1/2	1/4	1-1/4	5/8
151173	5/8	1	1/4	1-1/4	5/8
151181	3/4	1/2	1/4	1-1/4	3/4
151183	3/4	1	1/4	1-1/4	3/4
151511	1/2	1/2	1/2	1-1/2	1/2
151521	1/2	1	1/2	1-1/2	1/2
151531	1/2	1-3/16	1/2	1-1/2	1/2
151541	1/2	1-1/4	1/2	1-1/2	1/2
151551	1/2	1-1/2	1/2	1-1/2	1/2
151571	5/8	1/2	1/2	1-1/2	5/8
151573	5/8	1	1/2	1-1/2	5/8
151575	5/8	1-1/4	1/2	1-1/2	5/8
151577	5/8	1-1/2	1/2	1-1/2	5/8
151579	5/8	2	1/2	1-1/2	5/8
151581	3/4	1/2	1/2	1-1/2	3/4
151583	3/4	1	1/2	1-1/2	3/4
151585	3/4	1-1/4	1/2	1-1/2	3/4
151587	3/4	1-1/2	1/2	1-1/2	3/4
151589	3/4	2	1/2	1-1/2	3/4

Name: FLUSH TRIM BITS

Model:151A SERIES

FEATURES:

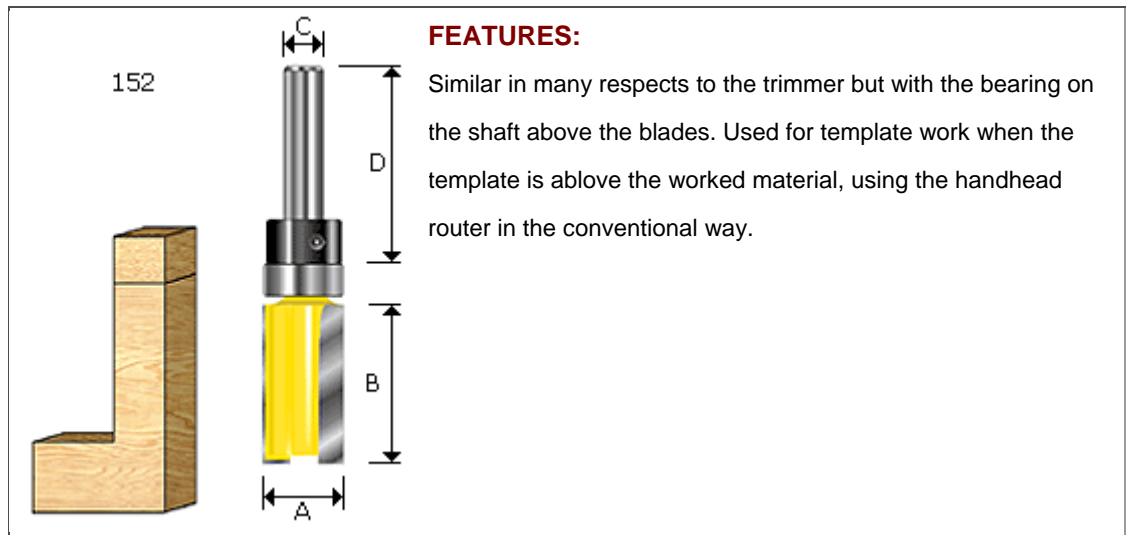
Downward shear cutting action virtually eliminates any chipping or splintering on the top surface of the workpiece, even when the job requires fast cuts in delicate materials.



Specification:

Item No.	A	B	C	D	Bearing
151011A	1/2	1/2	1/4	1-1/4	1/2
151021A	1/2	1	1/4	1-1/4	1/2
151041A	1/2	1-1/4	1/4	1-1/4	1/2
151071A	5/8	1/2	1/4	1-1/4	5/8
151073A	5/8	1	1/4	1-1/4	5/8
151081A	3/4	1/2	1/4	1-1/4	3/4
151083A	3/4	1	1/4	1-1/4	3/4
151411A	1/2	1/2	1/2	1-1/2	1/2
151421A	1/2	1	1/2	1-1/2	1/2
151431A	1/2	1-3/16	1/2	1-1/2	1/2
151441A	1/2	1-1/4	1/2	1-1/2	1/2
151471A	5/8	1/2	1/2	1-1/2	5/8
151473A	5/8	1	1/2	1-1/2	5/8
151475A	5/8	1-1/4	1/2	1-1/2	5/8
151477A	5/8	1-1/2	1/2	1-1/2	5/8
151479A	5/8	2	1/2	1-1/2	5/8
151481A	3/4	1/2	1/2	1-1/2	3/4
151483A	3/4	1	1/2	1-1/2	3/4
151485A	3/4	1-1/4	1/2	1-1/2	3/4
151487A	3/4	1-1/2	1/2	1-1/2	3/4
151489A	3/4	2	1/2	1-1/2	3/4

Name: FLUSH TRIM BITS (With Shank Mounted Bearing)**Model:152 SERIES**

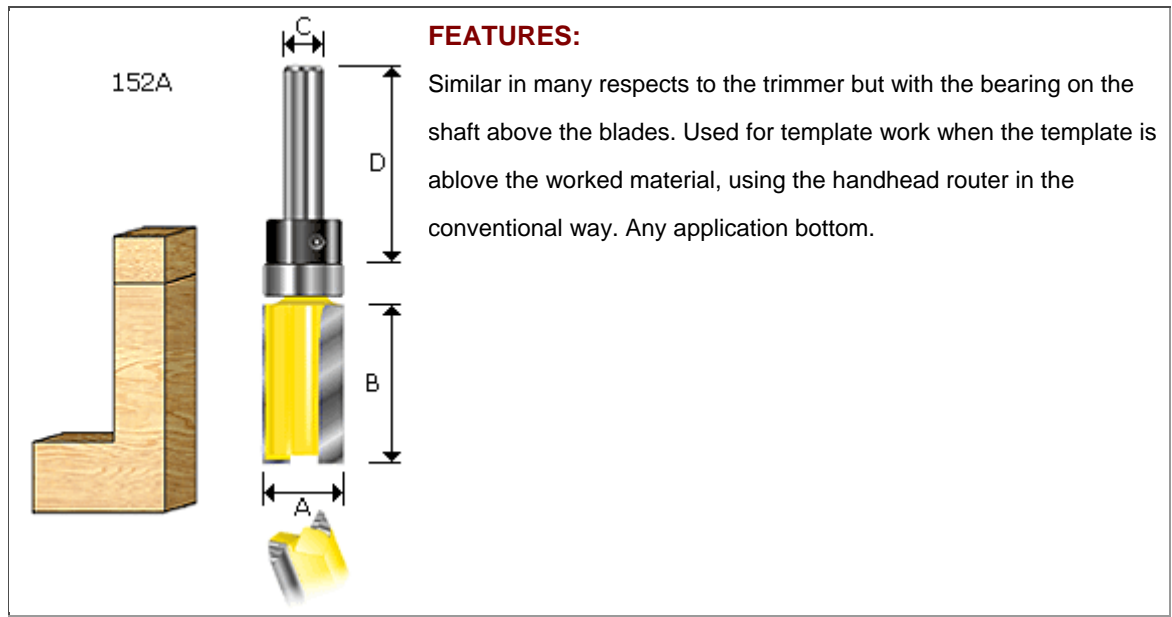


Specification:

Item NO.	A	B	C	D	BEARING
152006	1/2	3/4	1/4	1-1/4	1/2
152007	1/2	1	1/4	1-1/4	1/2
152008	5/8	3/4	1/4	1-1/4	5/8
152009	5/8	1	1/4	1-1/4	5/8
152010	3/4	3/4	1/4	1-1/4	3/4
152011	3/4	1	1/4	1-1/4	3/4
152411	3/4	1	1/2	1-1/2	3/4
152421	3/4	1-1/4	1/2	1-1/2	3/4
152431	1-1/8	1-3/16	1/2	1-1/2	1-1/8
152441	1-1/8	1-1/2	1/2	1-1/2	1-1/8

Name: FLUSH TRIM BITS (With Shank Mounted Bearing)

Model:152A SERIES



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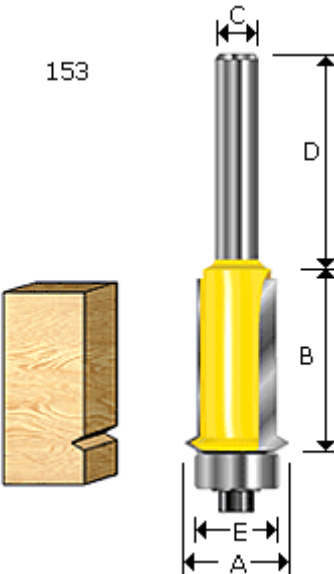
Specification:

Item NO.	A	B	C	D	BEARING
152006A	1/2	3/4	1/4	1-1/4	1/2
152007A	1/2	1	1/4	1-1/4	1/2
152008A	5/8	3/4	1/4	1-1/4	5/8
152009A	5/8	1	1/4	1-1/4	5/8
152010A	3/4	3/4	1/4	1-1/4	3/4
152011A	3/4	1	1/4	1-1/4	3/4
152411A	3/4	1	1/2	1-1/2	3/4
152421A	3/4	1-1/4	1/2	1-1/2	3/4
152431A	1-1/8	1-3/16	1/2	1-1/2	1-1/8
152441A	1-1/8	1-1/2	1/2	1-1/2	1-1/8

Name: FLUSH TRIM V GROOVE BITS

Model:153 SERIES

153



FEATURES:

Ever try to flush up a face frame to a cabinet side and wonder how to hide the seam. This bit is a cabinetmaker's dream.

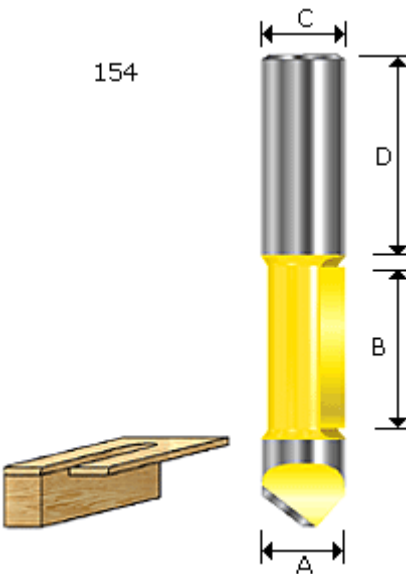
Specification:

Item NO.	A	B	C	D	E	BEARING
153011	5/8	1	1/4	1-1/4	1/2	1/2
153411	5/8	1	1/2	1-1/2	1/2	1/2

Name: PANEL PILOT BITS

Model:154 SERIES

154



FEATURES:

Two flutes, 1/4" & 1/2" shank

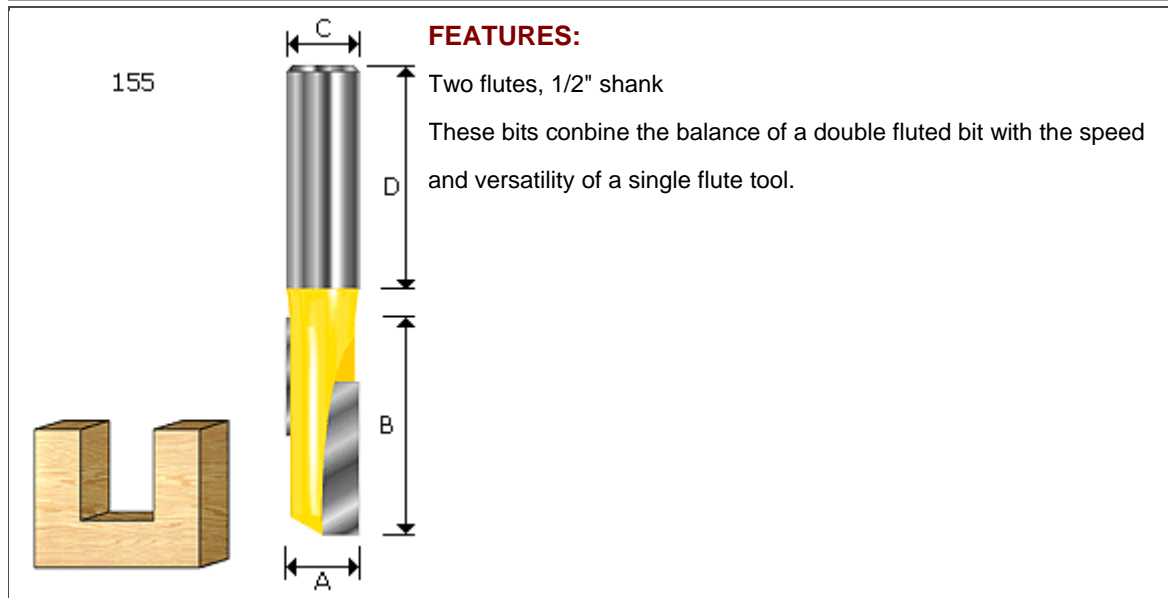
These Panel Pilot bits take most of the time and all of guesswork out of that tedious task. The point plunges quickly, carbide edges cut cleanly.

Specification:

Item NO.	A	B	C	D	FLUTE
154007	1/4	3/4	1/4	1	1
154008	3/8	1	1/4	1	1
154411	1/2	1	1/2	1-1/4	1
154421	1/2	1-3/16	1/2	1-1/2	1
154422	1/2	1-1/4	1/2	1-1/2	1
154431	1/2	1	1/2	1-1/4	2
154441	1/2	1-3/16	1/2	1-1/2	2
154442	1/2	1-1/4	1/2	1-1/2	2

Name: STAGGER TOOTH BITS

Model:155 SERIES

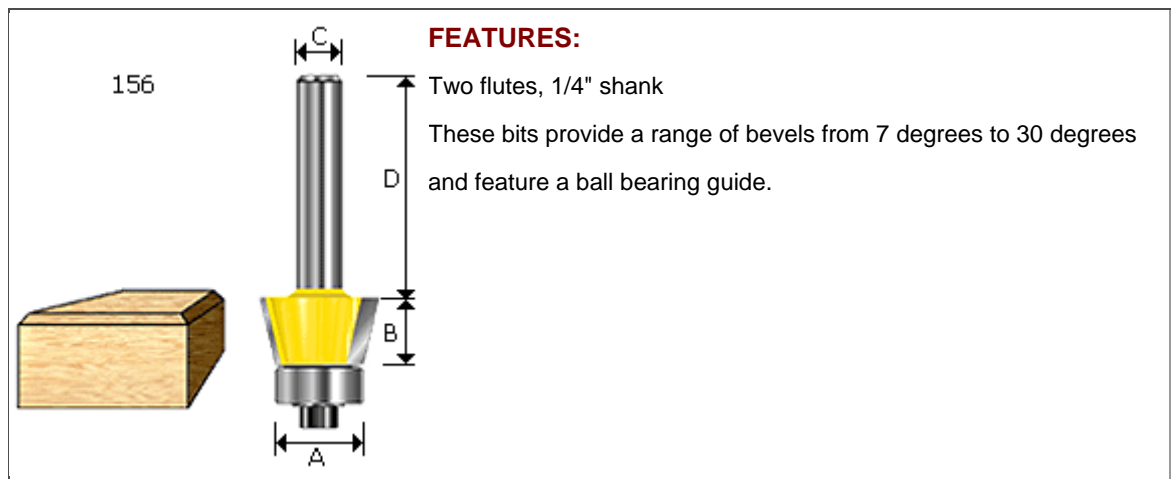


Specification:

Item NO.	A	B	C	D
155411	3/8	1-1/2	1/2	1-1/2
155421	1/2	1-1/2	1/2	1-1/2
155432	1/2	2	1/2	1-1/2

Name: BEVEL TRIM BITS

Model:156 SERIES

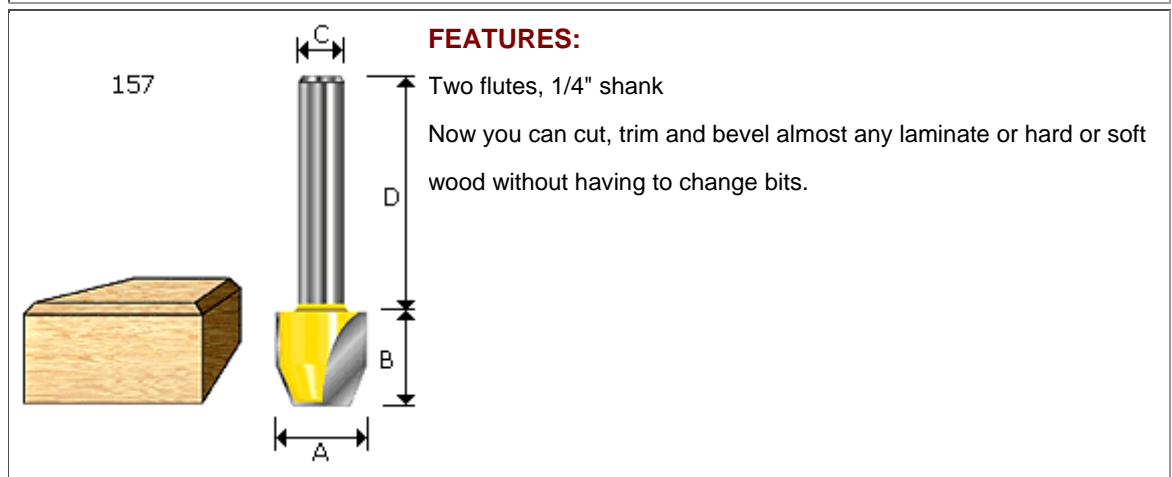


Specification:

Item NO.	A	B	C	D	Angle	BEARING
156011	1/2	3/8	1/4	1-1/4	7°	1/2
156021	1/2	3/8	1/4	1-1/4	15°	1/2
156031	1/2	3/8	1/4	1-1/4	22°	1/2
156041	1/2	3/8	1/4	1-1/4	25°	1/2
156051	1/2	3/8	1/4	1-1/4	30°	1/2

Name: BEVEL & FLUSH TRIM BITS

Model:157 SERIES



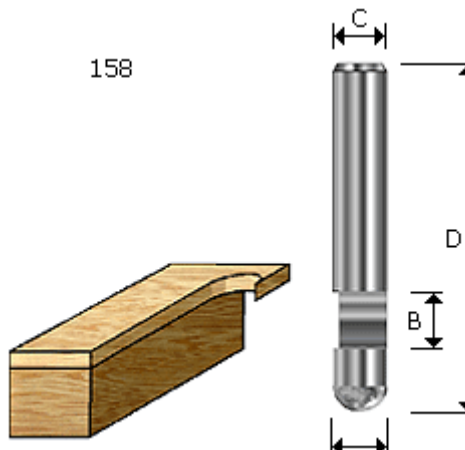
Specification:

Item NO.	A	B	C	D	Angle
157011	1/2	1/2	1/4	1-1/4	22°
157021	1/2	1/2	1/4	1-1/4	30°
157031	1/2	1/2	1/4	1-1/4	45°

Name: FLUSH TRIM BITS

Model:158 SERIES

158



FEATURES:

Solid Carbide, 1/4" shank

These solid carbide flush trim bits give you quick, clean straight edges.

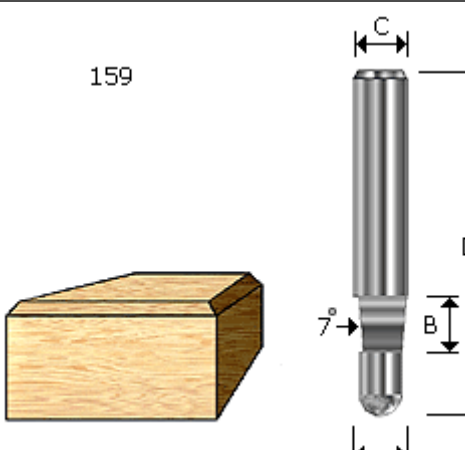
Specification:

Item NO.	A	B	C	D
158011	1/4	1/4	1/4	1-1/2
158021	1/4	3/8	1/4	1-1/2

Name: 7° BEVEL TRIM BITS

Model:159 SERIES

159



FEATURES:

Solid Carbide, 1/4" shank

These solid carbide bevel trim bits give you quick, clean, bevel edges.

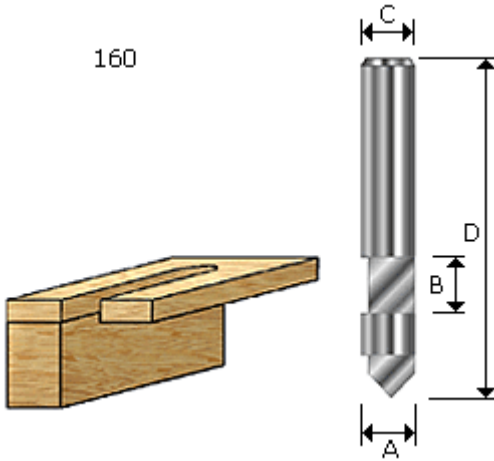
Specification:

Item NO.	A	B	C	D
159011	1/4	1/4	1/4	1-1/2

Name: PANEL PILOT BITS

Model:160 SERIES

160



FEATURES:

Solid Carbide, 1/4" shank

These solid carbide panel pilot plunges quickly, edges cut cleanly.

Specification:

Item NO.	A	B	C	D
160011	1/4	1/4	1/4	1-1/2