

New

Fortissimo PCD Cosmo Bit "ff"

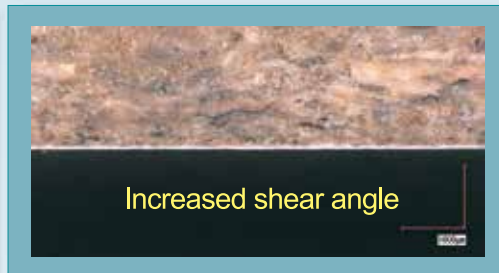
1. Increased shear angle teeth achieve the excellent cutting surface!

It is suitable for [Paper/Melamine laminate board],
[Cross plywood],
[Metal fittings / hinge grooves for door]

New increased shear angle type



Cutting surface - Paper laminate board



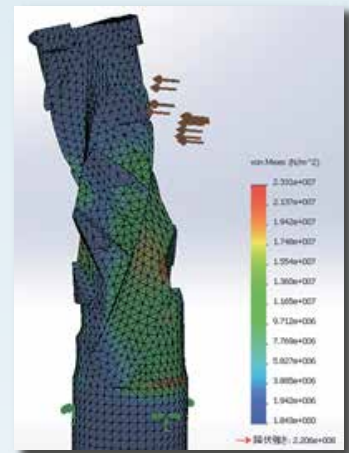
2. High rigidity body reduces vibrations.

[Noise reduction], [Cutting force reduction], [Longer tool life]

3. Double flute reduces burning!

[Optimized swarf removal], [Burning reduction in nesting process]

Body bending strength test



Main size (mm)

Cutting diameter	Type	Cutting length							
		1+3	1+4	1+5	1+6	1+7	1+8	1+9	1+10
12	Standard	15	18	22	25				
	Shallow groove type	15	18	21	25				
16	Standard	17	21	25	29	33	37	41	
18	Standard	17	21	25	29	33	37	41	45
20	Standard	20	25	29	34	39	43	48	53

Test results

	Conventional Tool	Applied process	Cosmo bit "ff" (New increased shear angle type)
A Co.	Competitor φ16mm Increased shear angle	Routing process (Paper/Melamine laminate particle board), Grooving process (Cross plywoods)	Less burning, Better swarf removal. Less cutting noise.
B Co.	KANEFUSA φ12mm Standard shear angle	Through hole process (Cross plywoods), Grooving process (Paper sheet + cross plywoods)	Much less burrs on plywoods.
C Co.	Competitor φ16mm Increased shear angle	Routing/Nesting process (Paper laminate particle board)	Less burrs, 1.5 times longer tool life.
D Co.	KANEFUSA φ12mm Shallow groove type	Door hinge grooving process. Paper / Polyolefine laminate Tri-board.	No high tone noises. Very good surface finish.

* Due to the improvement and technical change purposes, there may be a change without notice.