


Marathon Compression

Product	FST52819 ½" Marathon Compression		
Application	Routing cabinet components		
Sector	Woodworking - Cabinetry		
Work piece	½ and ¾ sheet of specialty plywood. The material size was 4'x8'		
Material	50% China Birch Plywood, 25% Combo Core, 25% 45 lb MDF		
Machine	Komo Router		
Tool	FST52819 (1/2 x 7/8 x 1/2 x 3)		
Situation	Currently using our 60-176 compression		
Problem	This is an abrasive material and the customer is looking to improve their tool life.		
Solution	Replaced Onsrud's standard compression with a marathon compression.		
Cutting data	<u>Before</u> RPM = 18,000 Feed Rate = 1500 IPM Number of passes = 1	<u>After</u> RPM = 18,000 Feed Rate = 1500 IPM Number of passes = 1	
Customer benefit	Tool life was increased from 150 sheets to 400 sheets before the tool dulled.		
Target markets	Woodworking Companies		