

WARNING: careless or improper use of diamond blades could cause serious personal injury. Observe the following precautions and tool manufacturer's instructions for using tools and diamond blades.

SAFE USE GUIDELINES FOR DIAMOND SAW BLADE OPERATION

1. BEFORE USE VISUALLY INSPECT THE BLADES FOR CRACKS AND OTHER DAMAGE. DO NOT USE IF DAMAGE IS SUSPECTED. DAMAGED, INCORRECTLY MOUNTED AND OR MISUSED BLADES CAN BE EXTREMELY DANGEROUS TO USE.
2. ALWAYS USE PROPER SAETY EQUIPMENT SAFETY FOOTWEAR, SNUG FITTING CLOTHING, SAFETY GOGGLES, HEARING AND HEAD PROTECTION AND PROPER RESPIRATORY EQUIPMENT.
3. ALWAYS USE WHEEL GUARD AND CHECK FOR PROPER FUNCTION OF ALL GUARDS ON TOOL. NEVER DEFEAT THE PURPOSE OF GUARDS BY PULLING THEM BACK, REMOVING THEM OR LEAVING THEM IN OPEN POSTITION.
4. BE SURE ARROW ON THE BLADE POINTS IN THE SAME DIRECTION OF ROTATION OF THE TOOL.
5. BE SURE THAT THE BLADE WASHERS/FLANGES ARE CORRECTLY ASSEMBLED ON THE SHAFT AND THAT THE BLADE IS PROPERLY SUPPORTED. DO NOT USE BLADES THAT RATTLE OR WOBBLE ON THE TOOL.
6. MAKE SURE THAT THE NO-LOAD RPM ON THE TOOL'S NAME PLATE DOES NOT EXCEED THE SPEED MARKED ON THE BLADE.

BLADE DIAMETER INCH (MM)	RPM	BLADE DIAMETER INCH (MM)	RPM
4.0 (100)	13,700	8.0 (100)	6800
4.5 (100)	13,300	9.0 (100)	6600
5.0 (100)	12,200	10.0 (100)	6600
6.0 (100)	10,200	12.0 (100)	6300
7.0 (100)	8,500	14.0 (100)	5400

7. DO NOT ALTER THE HOLE IN THE BLADE CREATING AN UNBALANCED ROTATION RESULTING IN WOBBLING; POUNDING OR CRACKING THAT COULD BE HAZARDOUS.
8. INSPECT FLANGES FOR BURRS, WARPAGE, CLEANLINESS, AND FLATNESS.
9. FOR SAFETY OPERATION IT IS RECOMMENDED TO USE FLANGES THAT ARE AT LEAST ¼ DIAMETER OF THE BLADE.

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10. BEFORE PERFORMING ANY CUTTING OPERATIONS, LET THE TOOL RUN FOR A FRE SECONDS WITHOUT LOAD. IF BLADE WOBBLER, VIBRATION OR UNUSUAL NOISE OCURS, STOP THE TOOL IMMEDIATELY. INSPECT THE BLADE FOR DAMAGE OR INCORRECT MOUNTING.
11. DO NOT STAND IN LINE WITH THE BLADE AND THE STREAM OF HOT PARTICLES.
12. KEEP BYSTANDERS AND/OR ANIMALS AWAY FROM THE WORK AREA.
13. MAINTAIN A FIRM GRIP ON THE TOOL DURING CUTTING OPERATION.
14. SLOW FEED SPEEDS ARE RECOMMENDED DO NOT FORCE TOOL.
15. THE DIAMOND BLADE IS INTENDED FOR STRAIGHT LINE CUTTING ONLY. CUTTING CURVES CAN CAUSE STRESS CRACKS OR FRAGMENTATION IN THE BLADE, RESULTING IN POSSIBLE INJURY TO PERSONS IN THE VICINITY.
16. DO NOT USE SIDE PRESSURE OR GRIND WITH THE SIDE OF THE DIAMOND BLADE.
17. CHECK BLADES CAREFULLY BEFORE EACH USE FOR PROPER ALIGNMENT AND POSSIBLE DEFECTS.
18. MAKE SURE ALL USERS OF THE BLADE COMPLY WITH SAFTEY REGULATIONS. FOR USE SEE SAFETY CODES:

U.S.A. – ANSI B7.1 AND OSHA REGULATIONS

CANADA -CSA