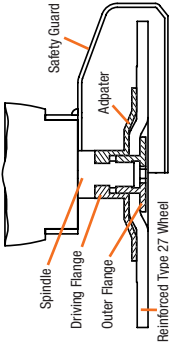
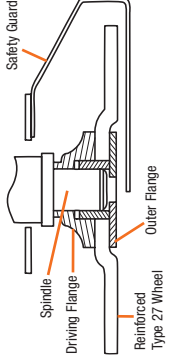
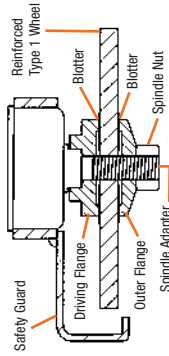
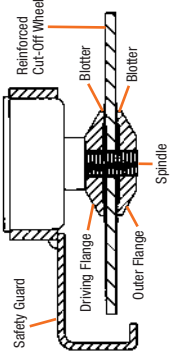
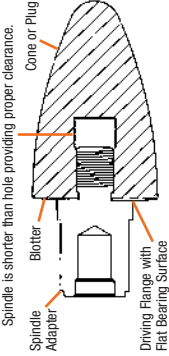
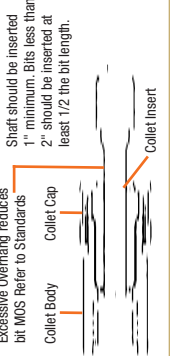


Safety Guidelines

For Various Abrasive Tools

Air Tool Type	Mounting Features					Guard Requirements	Diagram Proper Mounting Procedure
	Abrasive Size	Backup Flange	Blotters	Front Flange	Additional Hardware		
Type 27 Depressed Center Wheel Grinders	All	Driving Flange, Requires a Special Adapter	—	1/3 of wheel diameter, may be smaller to just fit within wheel recess. Requires Special Boss Diameter to extend within Wheel bore	Adapter on rear side of wheel which extends beyond raised hub of wheel	180° operator protection Extend beyond Wheel Face Lip Feature required	
	Alternate Flanging for wheels less than or equal to Ø5" with Ø5/8" or Ø7/8" Centerbores	Driving Flange, Matching diameter to Front Flange	—	1/3 of wheel diameter, may be smaller to just fit within wheel recess. Requires Special Boss Diameter to extend within Wheel bore	—	180° operator protection Extend beyond Wheel Face Lip Feature required	
Type 1 Wheel Grinders	Up to 4"	Driving flange, Relieved Flange face, 1/3 Wheel Diameter minimum	Required on Both Sides of Wheel	Matching Diameters as Backup Flange	Retaining Nut Required	180° operator protection Extend beyond Wheel Face Lip Feature required	
Type 1 Cut-Off Wheel Tools	Up to 4"	Driving flange, Relieved Flange face, 1/4 Wheel Diameter minimum	Recommended	Matching Diameters as Backup Flange	—	180° operator protection Extend beyond Wheel Face Lip Feature required	
Cone or Plug Grinders	Wheel Ø 1 5/8 2 1 3 1 4 1-3/8 5 1-3/4 6 2	Min thickness 1/8 1/8 3/16 3/16 1/4 3/8	Required Between Flange and Abrasive	—	—	—	
Die Grinders	All	—	—	—	—	—	
NOTE: Intended for general reference use only.							Always refer to ANSI B7.1, B186.1 and EN 792 for detailed requirements.