

Is there an advantage to using one or the other of these two style arbors in certain hole saw cutting applications?

Yes, there can be.

The M45P arbor has a 7/16" hollow hex shank and therefore must be used in a 1/2" or larger drill motor, if the pilot drill isn't used as a chucking point. Generally, 1/2" drill motors run at higher torque and lower rpm's than 3/8" drill motors. For that reason, the M45P arbor is a better choice for cutting with large diameter hole saws and in jobs where lower rpm's are required because it only fits into larger chuck, lower rpm drill motors.



The M35PS arbor has a 3/8" solid shank and can be used in a 3/8" or larger drill motor. In cutting applications where it is desirable to exert high feed force to get the pilot hole drilled quickly, the M35PS arbor is a better choice. Since it has a solid shank, the pilot drill bottoms out in the arbor body and cannot slip if high feed forces are applied to the drill point.

