

# Inserta Tee<sup>®</sup> Hole Saw Detail



Use of Inserta Tee Hole Saw is required for installation of Inserta Tee fittings. Silver and Gold hole saws are wet diamond bit. Reference detail STD 1100 for installation instructions.

- Heavy Duty 1/2" drill motor recommended for coring into plastic mainlines.
- Heavy Duty 1/2" drill motor recommended when using silver hole saws (4"-8") into non-plastic mainlines.
- Heavy Duty 1/2" drill motor recommended when using gold hole saws (4"-10") into non-plastic mainlines.

Hole Saws for Coring machines are equipped with 1 1/4" x 7 (tread) female adapter nut.

Common Hole Saws													
Hole Saw Series	Hole Saw Depth	Mainline Pipe Type	Lateral Size	2" (50mm)	3" (75mm)	4" (100mm)	6" (150mm)	8" (200mm)	10" (250mm)	12" (300mm)	15" (375mm)	18" (450mm)	24" (600mm)
Red	4.5"	Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
			Pilot Drill	-	-	12mm	12mm	12mm	-	-	-	-	-
Blue	6.0"	Plastic	Hole Saw Size	2 5/8" (67mm)	3 3/4" (95mm)	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	10 7/8" (276mm)	12 7/8" (327mm)	15 13/16" (402mm)	19 13/16" (503mm)	25 5/16" (603mm)
			Pilot Drill	12mm	12mm	12mm	12mm	12mm	3/4"	3/4"	3/4"	3/4"	3/4"
Silver	6.0"	Non-Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
			Pilot Drill	-	-	10mm	10mm	10mm	-	-	-	-	-
Gold	6.0"	Non-Plastic	Hole Saw Size	2 5/8" (67mm)	3 3/4" (95mm)	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	10 7/8" (276mm)	12 7/8" (327mm)	15 13/16" (402mm)	19 13/16" (503mm)	25 5/16" (603mm)
			Pilot Drill	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Uncommon Hole Saws													
Orange	6.0"	Air Testible Applications ADS HP Pipe	Hole Saw Size	-	-	4 3/8" (111mm)	6 3/8" (162mm)	8 5/8" (219mm)	10 3/4" (273mm)	12 3/4" (324mm)	15 3/4" (400mm)	19 1/16" (484mm)	-
			Pilot Drill	-	-	12mm	12mm	12mm	3/4"	3/4"	3/4"	3/4"	-
Grey	6.0"	Solid Wall PE	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
			Pilot Drill	-	-	3/4"	3/4"	3/4"	-	-	-	-	-
Black	6.0"	Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
			Pilot Drill	-	-	3/4"	3/4"	3/4"	-	-	-	-	-

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INSERTA TEE HOLE SAW DETAIL

DRAWING NUMBER STD-1102



4640 TRUEMAN BLVD  
HILLIARD, OH 43026

DRAWN BY: HAK  
DATE: 3/26/23  
OK'S BY: ENG  
SCALE: NTS  
SHEET: 1