

Inserta Tee[®] 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	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	Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
		Hole Saw Depth	-	-	4 1/2" (114mm)	4 1/2" (114mm)	4 1/2" (114mm)	-	-	-	-	-
		Pilot Drill	-	-	12mm	12mm	12mm	-	-	-	-	-
Blue	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)
		Hole Saw Depth	4 1/2" (114mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	10 1/2" (267mm)
		Pilot Drill	12mm	12mm	12mm	12mm	12mm	3/4"	3/4"	3/4"	3/4"	3/4"
Silver	Non-Plastic	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
		Hole Saw Depth	-	-	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	-	-	-	-	-
		Pilot Drill	-	-	10mm	10mm	10mm	-	-	-	-	-
Gold	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)
		Hole Saw Depth	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	7" (178mm)	8 1/2" (216mm)	9 1/2" (242mm)	11 1/2" (292mm)
		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	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)	-
		Hole Saw Depth	4 1/2" (114mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)	7 1/2" (191mm)
		Pilot Drill	-	-	12mm	12mm	12mm	3/4"	3/4"	3/4"	3/4"	-
Grey	Solid Wall PE	Hole Saw Size	-	-	4 1/2" (114mm)	6 1/2" (165mm)	8 3/4" (222mm)	-	-	-	-	-
		Hole Saw Depth	-	-	6 1/2" (165mm)	6 1/2" (165mm)	6 1/2" (165mm)	-	-	-	-	-
		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: 6/21/24
OK'S BY: ENG
SCALE: NTS
SHEET: 1