

INSERTA **TEE**®



HOLE SAWS

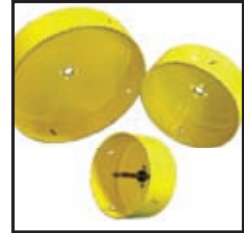
INSERTA TEE® HOLE SAWS

INSERTA TEE Hole Saws are good for almost any application. These hole saws are custom made to our specifications and sizing and are color coded for easy identification. Each saw is meant for a specific pipe or structure material as listed below.

Yellow Economy Hole Saws

4 1/2", 6 1/2" and 8 3/4" for 4", 6" and 8" INSERTA TEES

These yellow saws are made for cutting thin wall pipe such as solid wall PVC, pipe liners and plastic end plates. These are the most economical saws and they include the 1/4" pilot bit and arbor.



Red Hole Saws

4 1/2", 6 1/2", 8 3/4", and 10 7/8" for 4", 6", 8" and 10" INSERTA TEES

The red saws are made for cutting through thicker wall pipe such as corrugated HDPE, ribbed PVC and deeper plastic structures. These are the very economical saws and they include the pilot bit and arbor (4 1/2"—8 3/4" uses 3/8" pilot bit; 10 7/8" uses 12 mm pilot bit)



Blue Hole Saws

4 1/2"—32 17/32" for 4"—30" INSERTA TEES

The blue hole saws are extra deep and can be used for drilling correct 45 degree wye holes in PVC Pipe. These saws are very durable and they include the pilot bit and arbor (4 1/2"—8 3/4" uses 3/8" pilot bit; 10 7/8"—32 17/32" uses 3/4" pilot bit).
(can be used with INSERTA TEE Coring Machine; all sizes are available for rent)



Black Heavy Duty Hole Saws

4 1/2", 6 1/2" and 8 3/4" for 4", 6" and 8" INSERTA TEES

The black saw has a double cutting edge that will core through any type of plastic pipe and is our most versatile saw. The black hole saw is also 6" deep, to ensure that it can cut through the thicker walled plastic pipe and can also core the deep 45 degree cut required for a wye installation. This saw also will work for either a handheld drill or a coring machine and comes with a heavy duty 3/4" pilot bit and arbor.



Gray Hole Saws

4 1/2" and 6 1/2" for 4" and 6" INSERTA TEES *(Larger sizes available on request)*

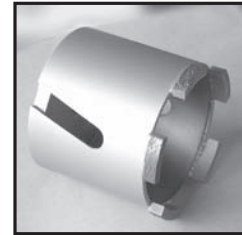
The gray hole saws are made for cutting a high volume of holes in solid wall HDPE; it comes with carbide tips that work very well for cutting through the dense polyethylene. They also include the pilot bit and arbor (4 1/2"-6 1/2" 1/2" pilot bit).



Silver Diamond Hole Saws

4 1/2", 6 1/2" and for 4", 6" and 8" INSERTA TEES

These silver diamond saws are made for cutting concrete, clay, fiberglass, CMP and ductile pipe. These work with a handheld drill and they are the most economical saws for coring through these materials. They also include the pilot bit and arbor (10 mm pilot bit). Always use water to cool diamond bit during use.



Gold Diamond Hole Saws for Handheld Drills

4 1/2", 6 1/2", 8 3/4" and 10 7/8" for 4", 6", 8" and 10" INSERTA TEES

These gold diamond saws are made for cutting concrete, clay, fiberglass, CMP and ductile pipe. These work with a handheld drill and they are the most durable saws for coring through these materials. They also include the pilot bit and arbor (3/4" pilot bit). Always use water to cool diamond bit during use.

(These saws are available for rent)



Gold Diamond Hole Saws for Coring Machines

4 1/2"-32 1/32" for 4"-30" INSERTA TEES

These gold diamond saws are made for cutting concrete, clay, fiberglass, CMP and ductile pipe. These work with a pipe or surface mounted coring machine (These come with 1 1/4" x 7 threads per inch female thread).

(These saws are available for rent)



Coring Machines

Pricing available upon request.



Hole Sizing Chart

INSERTA TEE Size	Hole Saw Size
4" (100 mm)	4 1/2" (114 mm)
6" (150 mm)	6 1/2" (165 mm)
8" (200 mm)	8 3/4" (222 mm)
10" (250 mm)	10 7/8" (276 mm)
12" (300 mm)	12 7/8" (327 mm)
15" (375 mm)	15 13/16" (402 mm)
18" (450 mm)	19 3/16" (503 mm)
21" (525 mm)	22 9/16" (573 mm)
24" (600 mm)	25 5/16" (643 mm)
27" (675 mm)	28 1/2" (724 mm)
30" (750 mm)	32 17/32" (826 mm)

Inserta Drills

Available for all handheld saws.

For Perfect Tee Holes



#IDT38 (3/8")
#IDT75 (3/4")

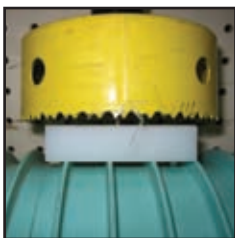
For Perfect Wye Holes



#IDY38 (3/8")
#IDY75 (3/4")

Inserta Drill Guide

The Inserta Drill Guide is the way to always ensure you drill the perfect hole.



Whether you are cutting a hole for a tee or wye, these guides will keep the pilot bits from "walking", so that you don't ruin the mainline pipe. If you have to use a saddle wye it is important that you drill a "teardrop" shape hole, otherwise you create a "bench" at the connection; this can become a maintenance nightmare, causing clogs and backups.



This picture shows the difference between drilling a round hole and a teardrop hole; you can see why it is so important to use our drill guide when coring a wye hole.