

Combination of IT diamond drills and IT drill cutters, bodies, and shanks

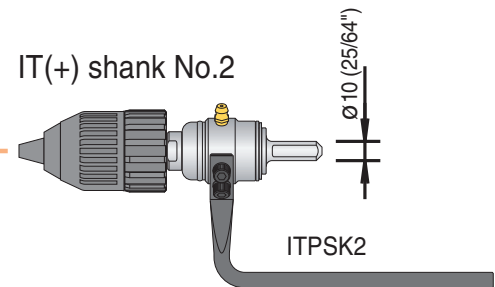
Dry type For concrete and mortar

Incompatible with cutters and bodies of Mistdiamond drill bit series.

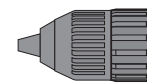
IT Bind Method

<p>Nominal diameter: 3.5(8/64"), 4.0(10/64"), 4.3(10/64"), 4.5 (11/64"), 5.0mm (12/64") (Overall length 120mm(4-46/64"), Max. drilling depth: 50mm(1-61/64"))</p>																					
IT carbide drills	<p>Nominal diameter: 56.0(2-13/64"), 6.5mm(16/64") (Overall length 130mm(5-7/64"), Max. drilling depth: 65mm(2-35/64"))</p> <p>Nominal diameter: 77.5(3-3/64"), 8.0 (20/64"), 8.5mm (21/64") (Overall length 140mm(5-32/64"), Max. drilling depth: 75mm(2-60/64"))</p>																				
IT diamond drill straight bodies	<p>Nominal diameter: 9.0(22/64"), 10.0(25/64"), 10.5(26/64"), 11.0mm(26/64") (Overall length 150mm(5-57/64"), Max. drilling depth: 90mm(3-34/64"))</p> <table border="1"> <thead> <tr> <th>Cutter</th> <th>Straight bodies</th> </tr> </thead> <tbody> <tr> <td>Nominal diameter: 8.5mm (21/64") IT085C</td> <td>Max. drilling depth: 60mm(2-23/64") IT085SB</td> </tr> <tr> <td>Nominal diameter: 9.0mm (22/64") IT090C</td> <td></td> </tr> <tr> <td>Nominal diameter: 10.0mm (25/64") IT100C</td> <td></td> </tr> <tr> <td>Nominal diameter: 10.5mm (26/64") IT105C</td> <td>Max. drilling depth: 60mm (2-23/64") IT105SB</td> </tr> <tr> <td>Nominal diameter: 12.0mm (30/64") IT120C</td> <td>Max. drilling depth: 100mm(3-59/64") IT125SB Max. drilling depth: 100mm(3-59/64")</td> </tr> <tr> <td>Nominal diameter: 12.5mm (31/64") IT125C</td> <td></td> </tr> <tr> <td>Nominal diameter: 14.5mm (36/64") IT145C</td> <td>IT145SB Max. drilling depth: 100mm(3-59/64")</td> </tr> <tr> <td>Nominal diameter: 16.0mm (40/64") IT160C</td> <td>IT160SB Max. drilling depth: 100mm(3-59/64")</td> </tr> <tr> <td>Nominal diameter: 18.0mm (45/64") IT180C</td> <td>IT180SB</td> </tr> </tbody> </table>	Cutter	Straight bodies	Nominal diameter: 8.5mm (21/64") IT085C	Max. drilling depth: 60mm(2-23/64") IT085SB	Nominal diameter: 9.0mm (22/64") IT090C		Nominal diameter: 10.0mm (25/64") IT100C		Nominal diameter: 10.5mm (26/64") IT105C	Max. drilling depth: 60mm (2-23/64") IT105SB	Nominal diameter: 12.0mm (30/64") IT120C	Max. drilling depth: 100mm(3-59/64") IT125SB Max. drilling depth: 100mm(3-59/64")	Nominal diameter: 12.5mm (31/64") IT125C		Nominal diameter: 14.5mm (36/64") IT145C	IT145SB Max. drilling depth: 100mm(3-59/64")	Nominal diameter: 16.0mm (40/64") IT160C	IT160SB Max. drilling depth: 100mm(3-59/64")	Nominal diameter: 18.0mm (45/64") IT180C	IT180SB
Cutter	Straight bodies																				
Nominal diameter: 8.5mm (21/64") IT085C	Max. drilling depth: 60mm(2-23/64") IT085SB																				
Nominal diameter: 9.0mm (22/64") IT090C																					
Nominal diameter: 10.0mm (25/64") IT100C																					
Nominal diameter: 10.5mm (26/64") IT105C	Max. drilling depth: 60mm (2-23/64") IT105SB																				
Nominal diameter: 12.0mm (30/64") IT120C	Max. drilling depth: 100mm(3-59/64") IT125SB Max. drilling depth: 100mm(3-59/64")																				
Nominal diameter: 12.5mm (31/64") IT125C																					
Nominal diameter: 14.5mm (36/64") IT145C	IT145SB Max. drilling depth: 100mm(3-59/64")																				
Nominal diameter: 16.0mm (40/64") IT160C	IT160SB Max. drilling depth: 100mm(3-59/64")																				
Nominal diameter: 18.0mm (45/64") IT180C	IT180SB																				

Role of the IT Bind Method and IT drill shank
The IT(+) shank is provided with a pulse generation mechanism. The pulses are very few as compared with vibrations by the percussion drill and hammer drill, but these few pulses produce great effects.



IT drill chuck



* ITDC
If a customer who already has an IT shank (ITSK2) buys this, it becomes the IT(+) shank.

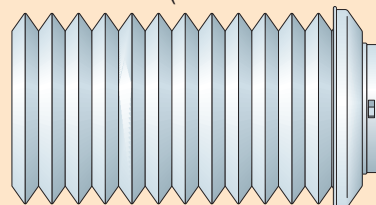
IT drills

Max. drilling depth: 130mm (5-7/64")	IT190C	IT190B
	IT200C	IT200B
Max. drilling depth: 200mm (7-55/64")	IT220C	IT220B
	IT230C	IT230B
	IT240C	IT240B

* If a 19mm (47/64") or larger cutter is used, detach the IT drill chuck of IT(+) shank No.2, and attach the body.

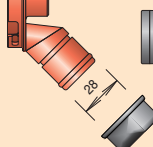
Options common to IT Bind Method and IT drill

Dust extraction cover 100 (Part No. PCSJC100)



IT drill cover adapter (Part No. ITBCADP)

(M5 x 10L (2 pcs.) included)
Attach the IT drill cover adapter after detaching the drill chuck.



Dust collecting hose adapter
Hose of the dust collector
Outside diameter: 25 mm (62/64")
Inside diameter: Applicable to 30 (1-11/64"), 35 (1-24/64"), and 38 mm (1-31/64")