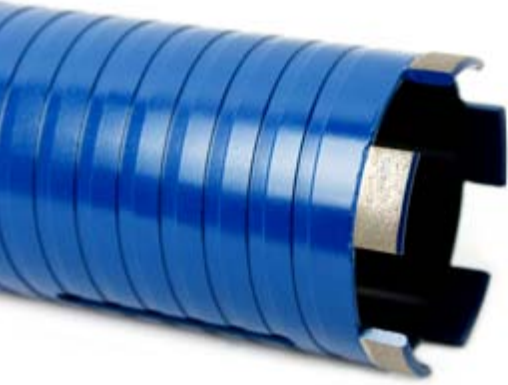




Core bits / Drill bits for Dry drills



Dry core bits

Diameter	Length	Thickness	Height	Reference	Max. operating speed
10 ~ 45D	Crown	2.0 / 2.5 / 3.0	7 / 10	• Effective length 100 / 150 / 200 / 300 • Connector M16 / M18 / 1¼"-7UNC / ½"Gas / 5/8"-11 UNC • Type of tube normal / helical / cooling hole	12 m/s
32D / 37D / 42D / 47D / 52D / 57D / 62D / 67D / 72D / 82D / 90D / 102D / 107D / 112D / 122D / 128D / 132D	20 / 24	3.5	7 / 10		
142D / 153D / 162D		3.5 / 4.0			
182D / 202D		4			

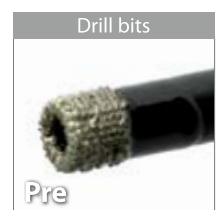
* Light weight and dust suction by cooling hole and helical body



Brazed single layer (BSL) drill bits

Diameter	Length	Height	Reference
5D / 6D / 7D / 8D / 10D / 12D / 14D	Crown	7	• Effective length 35Length • Connector Smooth shank 13Ø-47Length / M14

* max rpm : 2500



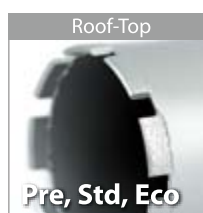


Dosensenker

Diameter	Length	Thickness	Height	Reference	Max. operating speed
68D	20	3.5	7 / 10	· Effective length 62Length	6 m/s
82D	24			· Connector M16 / M18	
102D				· Type of tube 2 sleeves / 3 sleeves / dust holes	
112D					



Pre, Std, Eco



Pre, Std, Eco



Pre, Std



Pre

★ Dry core bits / ▲ BSL drill bits / ◆ Dosensenker

Material	Grade	Supreme	Premium	Standard	Economy	Premium PCD	Premium BSL
Product name		Zenesis	Select one from the core / drill bit types above			PCD	Drill bits
	Product code	UUZDD	UPLDD	USLDD	UELDD	UPLDD(P)	TPBDD
Heavily reinforced concrete		★ ★ ★	★ ★ ◆ ◆	★	★ ◆		
Reinforced concrete		★ ★ ★ ★	★ ★ ★ ◆ ◆ ◆	★ ★	★ ◆		
Cured concrete with hard aggregates		★ ★ ★ ★ ★	★ ★ ★ ★ ◆ ◆ ◆	★ ★	★ ★ ◆ ◆		
Cured concrete		★ ★ ★ ★ ★	★ ★ ★ ★ ★ ◆ ◆ ◆ ◆	★ ★ ★	★ ★ ◆ ◆		
Clinker		★ ★ ★ ★ ★	★ ★ ★ ★ ◆ ◆ ◆ ◆	★ ★ ★	★ ★ ★ ◆ ◆ ◆		
Concrete block / Brick / Pipe		★ ★ ★ ★ ★	★ ★ ★ ★ ★ ◆ ◆ ◆ ◆ ◆	★ ★ ★ ★	★ ★ ★ ◆ ◆ ◆	★ ★ ★ ◆ ◆ ◆	
Granite		★ ★ ★ ★ ★	★ ★ ★ ◆ ◆ ◆	★ ★	★ ◆		
Asphalt		★ ★ ★ ★	★ ★ ★ ★ ◆ ◆ ◆ ◆	★ ★ ★	★ ★ ◆ ◆	★ ★ ★ ◆ ◆ ◆	
Sandstone / Limestone		★ ★ ★ ★	★ ★ ★ ◆ ◆ ◆	★ ★ ★	★ ★ ◆ ◆	★ ★ ★ ◆ ◆ ◆	
Abrasive materials		★ ★ ★ ★	★ ★ ★ ★ ◆ ◆ ◆ ◆	★ ★ ★	★ ★ ★ ◆ ◆ ◆	★ ★ ★ ◆ ◆ ◆	
Tile / Ceramic / Porcelain							▲ ▲ ▲ ▲ ▲