

Diamond tile dry core bit M14 seat

Specially developed diamond core drill bit for dry drilling even the very hardest of materials such as stoneware. For use on angle grinders

Extremely fast drilling

due to the vacuum diamond coating

Up to 14 mm dia. with special cooling wax

Easy removal of the drill core

- < 50 mm dia. with lateral slots
- Over 50 mm dia. with lateral slots and additional holes



Versatility	●●○○
Service life	●●●○
Drilling speed (point system)	●●●●
Bore hole quality (point system)	●●○○
Drilling pattern	●●○○
Problem solver	●●●○
Working length	35 mm

Diameter (Ø)	Length	Design	Art. no.	P. Qty.
5 mm	62 mm	Special cooling wax	5457 235 005	1
6 mm	62 mm	Special cooling wax	5457 235 006	1
8 mm	62 mm	Special cooling wax	5457 235 008	1
10 mm	62 mm	Special cooling wax	5457 235 010	1
12 mm	62 mm	Special cooling wax	5457 235 012	1
14 mm	62 mm	Special cooling wax	5457 235 014	1
15 mm	60 mm	Side slots	5457 235 015	1
16 mm	60 mm	Side slots	5457 235 016	1
18 mm	60 mm	Side slots	5457 235 018	1
20 mm	60 mm	Side slots	5457 235 020	1
22 mm	60 mm	Side slots	5457 235 022	1
25 mm	60 mm	Side slots	5457 235 025	1
27 mm	60 mm	Side slots	5457 235 027	1
28 mm	60 mm	Side slots	5457 235 028	1
30 mm	60 mm	Side slots	5457 235 030	1
32 mm	60 mm	Side slots	5457 235 032	1
35 mm	60 mm	Side slots	5457 235 035	1
38 mm	60 mm	Side slots	5457 235 038	1
40 mm	60 mm	Side slots	5457 235 040	1
42 mm	60 mm	Side slots	5457 235 042	1
44 mm	60 mm	Side slots	5457 235 044	1
45 mm	60 mm	Side slots	5457 235 045	1
50 mm	60 mm	Side slots and holes	5457 235 050	1
55 mm	60 mm	Side slots and holes	5457 235 055	1
60 mm	60 mm	Side slots and holes	5457 235 060	1
65 mm	60 mm	Side slots and holes	5457 235 065	1
68 mm	60 mm	Side slots and holes	5457 235 068	1
70 mm	60 mm	Side slots and holes	5457 235 070	1

Diameter (Ø)	Length	Design	Art. no.	P. Qty.
75 mm	60 mm	Side slots and holes	5457 235 075	1
82 mm	60 mm	Side slots and holes	5457 235 082	1
90 mm	60 mm	Side slots and holes	5457 235 090	1
100 mm	60 mm	Side slots and holes	5457 235 100	1
110 mm	60 mm	Side slots and holes	5457 235 110	1
120 mm	60 mm	Side slots and holes	5457 235 120	1
128 mm	60 mm	Side slots and holes	5457 235 128	1

Details/Application

- Particularly suitable for tiles and stoneware with a thickness of up to 15 mm. Thicker materials up to the specified working length can still be drilled, but more frequent pauses for cooling down will be necessary.
- Suitable for hard ceramic, thin granite and marble panels and hard-baked bricks.

Instructions

- Spot drilling: Hold at an angle when the bit is moving, then gradually move it to a perpendicular position.
- Light circular movements increase the drilling speed and preserve the drill bits.
- Caution: You must pause briefly for the drill to cool down, especially when drilling for more than about 30 seconds or when drilling through thick materials.
- Regular pauses to allow the drill to cool down generally increase the service life of the drill bits.
- Only use drill bits in rotating mode!
- Ensure suitable protective equipment is used!

Notice

- No water necessary!
- Speed regulation not necessary.
- The drill bits are approximately 0.5 mm to 1 mm longer than required. This makes it easier to drill further into the substrate (e.g. a stone drill), preventing damage to the tile.

Related products		Art. no.
Safety goggles CEPHEUS®		0899 102 250
Cordless angle grinder AWS 18-125 P COMPACT M-CUBE		5701 402 005
Angle grinder EWS 17-125-EQ POWER		5707 061 2

Related products for	Designation	Art. no.
5457 235 005	MFD-S multi-purpose drill bit with straight shank 5 mm; Length 85 mm	0641 205 008
	Multi-purpose drill bit MFD-S Plus 5 mm; Length 110 mm	0641 235 011
	MFD-S multi-purpose drill bit, 1/4-inch hexagonal shank 5 mm; Length 100 mm	0641 265 010
	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 006	MFD-S multi-purpose drill bit with straight shank 6 mm; Length 100 mm	0641 206 010
	Multi-purpose drill bit MFD-S Plus 6 mm; Length 110 mm	0641 236 011
	MFD-S multi-purpose drill bit, 1/4-inch hexagonal shank 6 mm; Length 100 mm	0641 266 010
	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004

Related products for	Designation	Art. no.
5457 235 008	MFD-S multi-purpose drill bit with straight shank 8 mm; Length 120 mm	0641 208 012
	Multi-purpose drill bit MFD-S Plus 8 mm; Length 110 mm	0641 238 011
	MFD-S multi-purpose drill bit, 1/4-inch hexagonal shank 8 mm; Length 120 mm	0641 268 012
	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 010	MFD-S multi-purpose drill bit with straight shank 10 mm; Length 120 mm	0641 201 012
	Multi-purpose drill bit MFD-S Plus 10 mm; Length 160 mm	0641 231 016
	MFD-S multi-purpose drill bit, 1/4-inch hexagonal shank 10 mm; Length 120 mm	0641 261 012
	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 012	MFD-S multi-purpose drill bit with straight shank 12 mm; Length 150 mm	0641 201 215
	Multi-purpose drill bit MFD-S Plus Length=210 mm	0641 231 221
	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 014	MFD-S multi-purpose drill bit with straight shank Length=220 mm	0641 201 422
	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 015	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 016	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 018	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 020	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 022	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 025	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 027	Drilling aid For drilling holes on smooth surfaces	0702 419 002
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5457 235 028	Drilling aid For drilling holes on smooth surfaces	0702 419 002
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5457 235 030	Drilling aid For drilling holes on smooth surfaces	0702 419 002
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5457 235 032	Drilling aid For drilling holes on smooth surfaces	0702 419 002
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5457 235 035	Drilling aid For drilling holes on smooth surfaces	0702 419 002
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5457 235 038	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 040	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 042	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 044	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 045	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 050	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004
5457 235 055	Drilling aid For drilling holes on smooth surfaces	0702 419 002
	Water/dust collection ring For tile drill NDS 68	0702 419 004

	Related products for	Designation	Art. no.
	5457 235 060	Drilling aid For drilling holes on smooth surfaces	0702 419 002
		Water/dust collection ring For tile drill NDS 68	0702 419 004
	5457 235 065	Drilling aid For drilling holes on smooth surfaces	0702 419 002
		Water/dust collection ring For tile drill NDS 68	0702 419 004
	5457 235 068	Drilling aid For drilling holes on smooth surfaces	0702 419 002
		Water/dust collection ring For tile drill NDS 68	0702 419 004