

SCAN-VISAN 

Diamond Core Drills



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Specifications for Scan-Visan diamond drill bits.

Categories

Scan-Visan produces drill bits for all kind of materials.

Drill Bits are specified with lowest nr. for softest segment bond, SV 20, SV 40SV90 for hardest segment bond. Soft bond is used for hard materials, and hard bond is used for soft and abrasive materials.

Tolerances

Scan-Visan drill bits have for standard maximum run out +/- tolerances.

Diameter	Tolerances
mm	mm
20 – 102	+/- 0,5
102 -222	+/- 1,0
225 – 500	+/- 1,5
500 – 1000	+/- 2,0

Re-tipping.

Scan-Visan retips drill bits with same tolerances as new drill bits.

Connections standard

Below $\varnothing 72\text{mm}$.: $\frac{1}{2}$ "

Higher than $\varnothing 72$.: $\frac{5}{4}$ " UNC.

Other types can be delivered after order.

For example.: CR1-28, WG/WFG or M36.

Further on Scan-Visan delivers our own quick connection system.

All dimensions are without free back.

SV 30 – Q 7**Natural Stone like Granite, Hard Rock.**

Diameter (\emptyset) mm	Length (mm)	Number of Segments	Size of Segments (mm)	Article Number
25	350	3	16 x 3,0 x 7,0	120300025
28	350	4	16 x 3,0 x 7,0	120300028
30	350	4	16 x 3,0 x 7,0	120300030
32	350	4	16 x 3,0 x 7,0	120300032
35	350	4	16 x 3,0 x 7,0	120300035
40	350	5	16 x 3,0 x 7,0	120300040
42	350	5	16 x 3,0 x 7,0	120300042
52	350	5	24 X 3,5 X 7,0	120300052
62	350	5	24 X 3,5 X 7,0	120300062
72	400	6	24 X 3,5 X 7,0	120300072
82	400	7	24 X 3,5 X 7,0	120300082
92	400	8	24 X 3,5 X 7,0	120300092
102	400	9	24 X 3,5 X 7,0	120300102
107	400	9	24 X 3,5 X 7,0	120300107
112	400	10	24 X 3,5 X 7,0	120300112
122	400	11	24 X 3,5 X 7,0	120300122
132	400	12	24 X 3,5 X 7,0	120300132
142	400	13	24 X 3,5 X 7,0	120300142
152	400	14	24 X 3,5 X 7,0	120300152
162	400	15	24 X 4,0 X 7,0	120300162
172	400	16	24 X 4,0 X 7,0	120300172
182	400	16	24 X 4,0 X 7,0	120300182
192	400	16	24 X 4,0 X 7,0	120300192
202	400	16	24 X 4,0 X 7,0	120300202
212	400	16	24 X 4,0 X 7,0	120300212
225	400	17	24 X 4,0 X 7,0	120300225
250	400	17	24 X 4,0 X 7,0	120300250
275	400	19	24 X 4,0 X 7,0	120300275
300	400	22	24 X 4,0 X 7,0	120300300

SV 44

Normal Concrete with flint and hard Aggregate
Normal reinforced > 2%

Diameter (\emptyset) mm	Length (mm)	Number of Segments	Size of Segments (mm)	Article Number
25	350	3	16 x 3,0 x 7,0	120440025
28	350	4	16 x 3,0 x 7,0	120440028
30	350	4	16 x 3,0 x 7,0	120440030
32	350	4	16 x 3,0 x 7,0	120440032
35	350	4	16 x 3,0 x 7,0	120440035
40	350	5	16 x 3,0 x 7,0	120440040
42	350	5	16 x 3,0 x 7,0	120440042
52	350	5	24 x 3,5 x 7,0	120440052
62	350	5	24 x 3,5 x 7,0	120440062
72	400	6	24 x 3,5 x 7,0	120440072
82	400	7	24 x 3,5 x 7,0	120440082
92	400	8	24 x 3,5 x 7,0	120440092
102	400	9	24 x 3,5 x 7,0	120440102
107	400	9	24 x 3,5 x 7,0	120440107
112	400	10	24 x 3,5 x 7,0	120440112
122	400	11	24 x 3,5 x 7,0	120440122
132	400	12	24 x 3,5 x 7,0	120440132
142	400	13	24 x 3,5 x 7,0	120440142
152	400	14	24 x 3,5 x 7,0	120440152
162	400	15	24 x 4,0 x 7,0	120440162
172	400	16	24 x 4,0 x 7,0	120440172
182	400	16	24 x 4,0 x 7,0	120440182
192	400	16	24 x 4,0 x 7,0	120440192
202	400	16	24 x 4,0 x 7,0	120440202

SV 44

Normal Concrete with flint and hard Aggregate
Normal reinforced > 2%

Diameter (\varnothing) mm	Length (mm)	Number of Segments	Size of Segments (mm)	Article Number
212	400	16	24 x 4,0 x 7,0	120440212
225	400	17	24 x 4,0 x 7,0	120440225
250	400	17	24 x 4,0 x 7,0	120440250
275	400	19	24 x 4,0 x 7,0	120440275
300	400	22	24 x 4,0 x 7,0	120440300
325	400	24	24 x 4,0 x 7,0	120440325
350	400	24	20 x 5,0 x 7,0	120440350
400	400	26	20 x 5,0 x 7,0	120440400
450	400	28	20 x 5,0 x 7,0	120460450
500	400	30	20 x 5,0 x 7,0	120460500
550	400	32	20 x 5,0 x 7,0	120460550
600	400	34	20 x 5,0 x 7,0	120460600
650	400	36	20 x 5,0 x 7,0	120460650
700	400	38	20 x 5,0 x 7,0	120460700
800	400	40	20 x 5,0 x 7,0	120460800
900	400	42	20 x 5,0 x 7,0	120460900
1000	400	44	20 x 5,0 x 7,0	120461000

SV 46

Hard Concrete Reinforced < 2 %

Diameter (\emptyset) mm	Length (mm)	Number of Segments	Size of Segments (mm)	Article Number
25	350	3	16 x 3,0 x 7,0	120460025
28	350	4	16 x 3,0 x 7,0	120460028
30	350	4	16 x 3,0 x 7,0	120460030
32	350	4	16 x 3,0 x 7,0	120460032
35	350	4	16 x 3,0 x 7,0	120460035
40	350	5	16 x 3,0 x 7,0	120460040
42	350	5	16 x 3,0 x 7,0	120460042
52	350	5	24 x 3,5 x 7,0	120460052
62	350	5	24 x 3,5 x 7,0	120460062
72	400	6	24 x 3,5 x 7,0	120460072
82	400	7	24 x 3,5 x 7,0	120460082
92	400	8	24 x 3,5 x 7,0	120460092
102	400	9	24 x 3,5 x 7,0	120460102
107	400	9	24 x 3,5 x 7,0	120460107
112	400	10	24 x 3,5 x 7,0	120460112
122	400	11	24 x 3,5 x 7,0	120460122
132	400	12	24 x 3,5 x 7,0	120460132
142	400	13	24 x 3,5 x 7,0	120460142
152	400	14	24 x 3,5 x 7,0	120460152
162	400	15	24 x 4,0 x 7,0	120460162
172	400	16	24 x 4,0 x 7,0	120460172
182	400	16	24 x 4,0 x 7,0	120460182
192	400	16	24 x 4,0 x 7,0	120460192

SV 60

For soft material. Dry drilling.

Diameter (\varnothing) mm	Length (mm)	Number of Segments	Size of Segments (mm)	Article Number
32	150	3	16 x 3,0 x 7,0	120600032
52	150	3	24 x 3,5 x 7,0	120600052
62	150	3	24 x 3,5 x 7,0	120600062
72	150	4	24 x 3,5 x 7,0	120600072
82	150	4	24 x 3,5 x 7,0	120600082
92	150	4	24 x 3,5 x 7,0	120600092
102	150	5	24 x 3,5 x 7,0	120600102
112	150	5	24 x 3,5 x 7,0	120600112
127	150	6	24 x 4,0 x 7,0	120600127
132	150	6	24 x 4,0 x 7,0	120600132
152	150	7	24 x 4,0 x 7,0	120600152

SV 90

For Asphalt, Soft material.

Diameter (\emptyset) mm	Length (mm)	Number of Segments	Size of Segments (mm)	Article Number
102	500	10	24 x 4,0 x 7,0	120900102
107	500	10	24 x 4,0 x 7,0	120900107
165	500	16	24 x 4,5 x 7,0	120900165
202	500	20	24 x 4,5 x 7,0	120900202
107	500	10	24 x 4,0 x 7,0	120910107