



SDS Max Drill Bits and Points

Used with a Bosch GBH 5-40 DCE



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 20mm SDS Max Drill Bit	52 holes	200 holes	2 per hole
VJT 24mm SDS Max Drill Bit	41 holes	160 holes	2.5 per hole
VJT 28mm SDS Max Drill Bit	33 holes	130 holes	3.1 per hole
VJT 32mm SDS Max Drill Bit	34 holes	130 holes	3 per hole



General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
6.8 kg	93 dB(A)	12.8 m/s ²	18 min	1h 10m	5.5





SDS Max Drill Bits and Points

Used with a DeWalt D25602K



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 20mm SDS Max Drill Bit	42 holes	170 holes	2.4 per hole
VJT 24mm SDS Max Drill Bit	40 holes	160 holes	2.5 per hole
VJT 28mm SDS Max Drill Bit	36 holes	140 holes	2.8 per hole
VJT 32mm SDS Max Drill Bit	28 holes	110 holes	3.6 per hole



General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
6.9 kg	93 dB(A)	14.6 m/s ²	14 min	56 min	7.1





SDS Max Drill Bits and Points

Used with a Hilti TE56-ATC



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 18mm SDS Max Drill Bit	51 holes	200 holes	2 per hole
VJT 20mm SDS Max Drill Bit	55 holes	220 holes	1.9 per hole
VJT 22mm SDS Max Drill Bit	52 holes	200 holes	2 per hole
VJT 24mm SDS Max Drill Bit	47 holes	180 holes	2.2 per hole
VJT 26mm SDS Max Drill Bit	37 holes	140 holes	2.8 per hole
VJT 28mm SDS Max Drill Bit	38 holes	150 holes	2.7 per hole



General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
6.6 kg	92 dB(A)	13.1 m/s ²	17 min	1h 0m	5.8





SDS Max Drill Bits and Points

Used with a Hilti TE 60-ATC AVR



Productivity examples

Drilling 100mm depth 7N/mm ² Concrete Block	Action Value	Limit Value	HSE Points
22mm Cavity Wall Bit	400 holes	1600 holes	0.25 per hole
26mm Cavity Wall Bit	290 holes	1100 holes	0.34 per hole
Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
26mm Cavity Wall Bit	79 holes	310 holes	1.3 per hole
Through drilling Common Brick	Action Value	Limit Value	HSE Points
22mm Cavity Wall Bit	950 holes	3800 holes	0.11 per hole
26mm Cavity Wall Bit	690 holes	2700 holes	0.15 per hole



General information for this machine

Tool Weight	Sound Pressure	EN 60745 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
7.4 kg	99 dB(A)	9 m/s ²	37 min	2h 20m	2.7





SDS Max Drill Bits and Points

Used with a Hilti TE76P-ATC



Productivity examples*

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 18mm SDS+ Drill Bit	48 holes	190 holes	2.1 per hole
VJT 20mm SDS+ Drill Bit	44 holes	170 holes	2.3 per hole
VJT 22mm SDS+ Drill Bit	44 holes	170 holes	2.3 per hole
VJT 24mm SDS+ Drill Bit	39 holes	150 holes	2.6 per hole
VJT 26mm SDS+ Drill Bit	45 holes	180 holes	2.3 per hole
VJT 28mm SDS+ Drill Bit	27 holes	100 holes	3.8 per hole
VJT 30mm SDS+ Drill Bit	29 holes	110 holes	3.5 per hole
VJT 32mm SDS+ Drill Bit	27 holes	100 holes	3.8 per hole
VJT 35mm SDS+ Drill Bit	15 holes	58 holes	6.7 per hole
VJT 38mm SDS+ Drill Bit	13 holes	52 holes	7.7 per hole



General information for this machine

Tool Weight	Sound Pressure	ISO 5349* Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
8.3 kg	91 dB(A)	15.4 m/s ²	12 min	50 min	8

*ISO 5349 test data from OPERC. See www.operc.com for more information.





SDS Max Drill Bits and Points

Used with a Hilti TE80-ATC AVR



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 20mm SDS Max Drill Bit	66 holes	260 holes	1.6 per hole
VJT 24mm SDS Max Drill Bit	44 holes	170 holes	2.3 per hole
VJT 28mm SDS Max Drill Bit	44 holes	170 holes	2.3 per hole
VJT 32mm SDS Max Drill Bit	32 holes	120 holes	3.2 per hole
Breaking 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT Breaker Point Product Code: 09900010	38 min	2h 30m	2.7 per min



General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
10.2 kg	99.5 dB(A)	12.1 m/s ²	20 min	1h 20m	5





SDS Max Drill Bits and Points

Used with a Makita HR4011C



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 18mm SDS Max Drill Bit	230 holes	940 holes	0.43 per hole
VJT 22mm SDS Max Drill Bit	160 holes	660 holes	0.6 per hole
VJT 24mm SDS Max Drill Bit	130 holes	520 holes	0.8 per hole
VJT 26mm SDS Max Drill Bit	130 holes	520 holes	0.8 per hole
VJT 28mm SDS Max Drill Bit	100 holes	420 holes	1 per hole



General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
6.4 kg	90 dB(A)	8.1 m/s ²	46 min	3h 0m	2.2





SDS Max Drill Bits and Points

Used with a Makita HR4511C



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 20mm SDS Max Drill Bit	130 holes	520 holes	0.8 per hole
VJT 24mm SDS Max Drill Bit	110 holes	470 holes	0.9 per hole
VJT 28mm SDS Max Drill Bit	92 holes	360 holes	1.1 per hole
VJT 32mm SDS Max Drill Bit	110 holes	440 holes	1 per hole
Breaking 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT Breaker Point Product Code: 09900010	40 min	2h 40m	2.5 per min



General information for this machine

Tool Weight	Sound Pressure	ISO 5349 Vibration Magnitude	Trigger Time to the Daily Action Value	Trigger Time to the Daily Limit Value	HSE Points per Minute
8.4 kg	94 dB(A)	8.6 m/s ²	40 min	2h 40m	2.5

