



SDS+ Hammer Drill Bits

Used with a Bosch GBH 2-23RE



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	130 holes	540 holes	0.8 per hole
VJT 8mm SDS+ Drill Bit	97 holes	380 holes	1.1 per hole
VJT 10mm SDS+ Drill Bit	53 holes	210 holes	1.9 per hole
VJT 12mm SDS+ Drill Bit	49 holes	190 holes	2.1 per hole
VJT 16mm SDS+ Drill Bit	27 holes	100 holes	3.8 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
2.3 kg	90 dB(A)	16 m/s ²	11 min	46 min	8.6





SDS+ Hammer Drill Bits

Used with a DeWalt D25112K



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	140 holes	550 holes	0.8 per hole
VJT 8mm SDS+ Drill Bit	100 holes	420 holes	1 per hole
VJT 10mm SDS+ Drill Bit	85 holes	330 holes	1.2 per hole
VJT 12mm SDS+ Drill Bit	79 holes	310 holes	1.3 per hole
VJT 16mm SDS+ Drill Bit	34 holes	130 holes	3 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
2.55 kg	85 dB(A)	13.9 m/s ²	15 min	1h 0m	6.5





SDS+ Hammer Drill Bits

Used with a DeWalt D25123K



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	210 holes	830 holes	0.48 per hole
VJT 8mm SDS+ Drill Bit	150 holes	620 holes	0.7 per hole
VJT 10mm SDS+ Drill Bit	130 holes	520 holes	0.8 per hole
VJT 12mm SDS+ Drill Bit	92 holes	370 holes	1.1 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
2.9 kg	89 dB(A)	17.8 m/s ²	9 min	37 min	11





SDS+ Hammer Drill Bits

Used with a Hilti TE2-M



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 5mm SDS+ Drill Bit	150 holes	600 holes	0.7 per hole
VJT 6mm SDS+ Drill Bit	160 holes	670 holes	0.6 per hole
VJT 8mm SDS+ Drill Bit	130 holes	520 holes	0.8 per hole
VJT 10mm SDS+ Drill Bit	130 holes	530 holes	0.8 per hole
VJT 12mm SDS+ Drill Bit	100 holes	430 holes	1 per hole
Undercutting Shotcrete	Action Value	Limit Value	HSE Points
18x80mm Fischer Undercut Bit	210 holes	860 holes	0.47 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
2.6 kg	89 dB(A)	16 m/s ²	11 min	46 min	8.6





SDS+ Hammer Drill Bits

Used with a Hilti TE6-C



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	150 holes	620 holes	0.7 per hole
VJT 8mm SDS+ Drill Bit	130 holes	520 holes	0.8 per hole
VJT 10mm SDS+ Drill Bit	100 holes	410 holes	1 per hole
VJT 12mm SDS+ Drill Bit	94 holes	370 holes	1.1 per hole
VJT 14mm SDS+ Drill Bit	66 holes	260 holes	1.6 per hole
VJT 16mm SDS+ Drill Bit	47 holes	180 holes	2.2 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
2.8 kg	87 dB(A)	14.5 m/s ²	14 min	57 min	7





SDS+ Hammer Drill Bits

Xella Block

Used with a Hilti TE6-C



Productivity examples

Drilling 100mm depth Xella Block	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	140 holes	580 holes	0.7 per hole
VJT 8mm SDS+ Drill Bit	150 holes	620 holes	0.7 per hole
VJT 10mm SDS+ Drill Bit	140 holes	580 holes	0.7 per hole
VJT 14mm SDS+ Drill Bit	120 holes	480 holes	0.9 per hole
VJT 18mm SDS+ Drill Bit	130 holes	520 holes	0.8 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
2.8 kg	87 dB(A)	11.7 m/s ²	21 min	1h 20m	4.6





SDS+ Hammer Drill Bits

Used with a Hilti TE16



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	180 holes	740 holes	0.6 per hole
VJT 10mm SDS+ Drill Bit	140 holes	580 holes	0.7 per hole
VJT 12mm SDS+ Drill Bit	140 holes	560 holes	0.8 per hole
VJT 14mm SDS+ Drill Bit	97 holes	380 holes	1.1 per hole
VJT 16mm SDS+ Drill Bit	67 holes	260 holes	1.5 per hole
VJT 20mm SDS+ Drill Bit	40 holes	160 holes	2.5 per hole
VJT 22mm SDS+ Drill Bit	28 holes	110 holes	3.7 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
4 kg	89 dB(A)	16.5 m/s ²	11 min	44 min	9.1





SDS+ Hammer Drill Bits Xella Block

Used with a Hilti TE16-C



Productivity examples

Drilling 100mm depth Xella Block	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	240 holes	960 holes	0.42 per hole
VJT 8mm SDS+ Drill Bit	210 holes	870 holes	0.46 per hole
VJT 10mm SDS+ Drill Bit	200 holes	800 holes	0.5 per hole
VJT 14mm SDS+ Drill Bit	120 holes	510 holes	0.8 per hole
VJT 18mm SDS+ Drill Bit	160 holes	640 holes	0.7 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
3.85 kg	89 dB(A)	10.3 m/s ²	28 min	1h 50m	3.6





SDS+ Hammer Drill Bits

Used with a Hilti TE25



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 12mm SDS+ Drill Bit	69 holes	270 holes	1.5 per hole
VJT 14mm SDS+ Drill Bit	64 holes	250 holes	1.6 per hole
VJT 16mm SDS+ Drill Bit	49 holes	190 holes	2.1 per hole
VJT 20mm SDS+ Drill Bit	27 holes	100 holes	3.8 per hole
VJT 22mm SDS+ 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
4.9 kg	90 dB(A)	17.6 m/s ²	9 min	38 min	11





SDS+ Hammer Drill Bits

Used with a Hilti TE40-AVR



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 12mm SDS+ Drill Bit	100 holes	430 holes	1 per hole
VJT 14mm SDS+ Drill Bit	99 holes	390 holes	1.1 per hole
VJT 16mm SDS+ Drill Bit	100 holes	410 holes	1 per hole
VJT 18mm SDS+ Drill Bit	88 holes	350 holes	1.2 per hole
VJT 20mm SDS+ Drill Bit	71 holes	280 holes	1.5 per hole
VJT 22mm SDS+ Drill Bit	40 holes	160 holes	2.6 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
5.6 kg	94 dB(A)	15.6 m/s ²	12 min	49 min	8.1





SDS+ Hammer Drill Bits

Used with a Makita HR2460



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	110 holes	440 holes	0.9 per hole
VJT 8mm SDS+ Drill Bit	93 holes	370 holes	1.1 per hole
VJT 10mm SDS+ Drill Bit	86 holes	340 holes	1.2 per hole
VJT 12mm SDS+ Drill Bit	69 holes	270 holes	1.5 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
2.5 kg	90 dB(A)	15.5 m/s ²	12 min	49 min	8.1





SDS+ Hammer Drill Bits

Used with a Makita HR2470



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	130 holes	550 holes	0.8 per hole
VJT 10mm SDS+ Drill Bit	120 holes	490 holes	0.9 per hole
VJT 12mm SDS+ Drill Bit	110 holes	470 holes	0.9 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
2.6 kg	90 dB(A)	15.5 m/s ²	12 min	49 min	8.1





SDS+ Hammer Drill Bits

Used with a Makita HR3000C



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	140 holes	560 holes	0.8 per hole
VJT 12mm SDS+ Drill Bit	98 holes	390 holes	1.1 per hole
VJT 16mm SDS+ Drill Bit	62 holes	240 holes	1.7 per hole
VJT 20mm SDS+ Drill Bit	45 holes	170 holes	2.3 per hole
VJT 26mm SDS+ Drill Bit	19 holes	74 holes	5.4 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
4.6 kg	89 dB(A)	18.5 m/s ²	8 min	35 min	12





SDS+ Hammer Drill Bits

Used with a Makita HR3210FCT



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	350 holes	1400 holes	0.29 per hole
VJT 10mm SDS+ Drill Bit	260 holes	1000 holes	0.39 per hole
VJT 12mm SDS+ Drill Bit	220 holes	910 holes	0.44 per hole
VJT 16mm SDS+ Drill Bit	100 holes	430 holes	1 per hole
VJT 20mm SDS+ Drill Bit	89 holes	350 holes	1.2 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
5 kg	89 dB(A)	10.2 m/s ²	29 min	1h 50m	3.5





SDS+ Hammer Drill Bits

Used with a Metabo BHE 26



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	250 holes	1000 holes	0.39 per hole
VJT 8mm SDS+ Drill Bit	160 holes	650 holes	0.7 per hole
VJT 10mm SDS+ Drill Bit	130 holes	540 holes	0.8 per hole
VJT 12mm SDS+ Drill Bit	97 holes	380 holes	1.1 per hole
VJT 16mm SDS+ Drill Bit	44 holes	170 holes	2.3 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
2.6 kg	87 dB(A)	12 m/s ²	20 min	1h 20m	4.8





SDS+ Hammer Drill Bits

Used with a Bosch GBH 24 V



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	150 holes	620 holes	0.7 per hole
VJT 8mm SDS+ Drill Bit	110 holes	450 holes	0.9 per hole
VJT 10mm SDS+ Drill Bit	84 holes	330 holes	1.2 per hole
VJT 12mm SDS+ Drill Bit	54 holes	210 holes	1.9 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
3.8 kg	91 dB(A)	12 m/s ²	20 min	1h 20m	4.8





SDS+ Hammer Drill Bits

Used with a Bosch GBH 36 V-Li



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	180 holes	730 holes	0.6 per hole
VJT 8mm SDS+ Drill Bit	150 holes	630 holes	0.7 per hole
VJT 10mm SDS+ Drill Bit	160 holes	650 holes	0.7 per hole
VJT 12mm SDS+ Drill Bit	82 holes	320 holes	1.3 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
2.9 kg	91 dB(A)	12 m/s ²	20 min	1h 20m	4.8





SDS+ Hammer Drill Bits

Used with a DeWalt DC234KL



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	700 holes	2800 holes	0.15 per hole
VJT 8mm SDS+ Drill Bit	430 holes	1700 holes	0.24 per hole
VJT 10mm SDS+ Drill Bit	420 holes	1600 holes	0.24 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
3.8 kg	82 dB(A)	8.5 m/s ²	41 min	2h 40m	2.5





SDS+ Hammer Drill Bits

Used with a Hilti TE2-A



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	170 holes	700 holes	0.6 per hole
VJT 8mm SDS+ Drill Bit	180 holes	730 holes	0.6 per hole
VJT 10mm SDS+ Drill Bit	130 holes	520 holes	0.8 per hole
VJT 12mm SDS+ Drill Bit	73 holes	290 holes	1.4 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
3.9 kg	86 dB(A)	14.5 m/s ²	14 min	57 min	7.1





SDS+ Hammer Drill Bits

Used with a Hilti TE6-A



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	140 holes	580 holes	0.7 per hole
VJT 10mm SDS+ Drill Bit	100 holes	410 holes	1 per hole
VJT 12mm SDS+ Drill Bit	100 holes	410 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
4.7 kg	83 dB(A)	9.9 m/s ²	30 min	2h 0m	3.3





SDS+ Hammer Drill Bits

Used with a Makita BHR200



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	140 holes	580 holes	0.7 per hole
VJT 10mm SDS+ Drill Bit	110 holes	470 holes	0.9 per hole
VJT 12mm SDS+ Drill Bit	110 holes	460 holes	0.9 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
4.1 kg	87 dB(A)	14 m/s ²	15 min	1h 0m	6.6





SDS+ Hammer Drill Bits

Used with a Makita BHR261T



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 8mm SDS+ Drill Bit	170 holes	710 holes	0.6 per hole
VJT 10mm SDS+ Drill Bit	100 holes	430 holes	1 per hole
VJT 12mm SDS+ Drill Bit	130 holes	530 holes	0.8 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
4.8 kg	92 dB(A)	15 m/s ²	13 min	53 min	7.5





SDS+ Hammer Drill Bits

Used with a Spit 328 24V



Productivity examples

Drilling 100mm depth 40N/mm ² Concrete	Action Value	Limit Value	HSE Points
VJT 6mm SDS+ Drill Bit	140 holes	570 holes	0.7 per hole
VJT 8mm SDS+ Drill Bit	140 holes	550 holes	0.8 per hole
VJT 12mm SDS+ Drill Bit	130 holes	520 holes	0.8 per hole
VJT 16mm SDS+ Drill Bit	67 holes	260 holes	1.6 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
1.5 kg	–	10.4 m/s ²	27 min	1h 50m	3.6

