

		TEST REPORT			NO.: ZP/QR-ZL-011	
Specification	Ø28 × 600 mm	Product Name	SDS MAX DRILL BIT		CROSS TIP	
Production Quantity	200PCS	Test Quantity	1PC		YG8C	
Inspection Item	Standard Requirement	Test Result				
Dimensions	Overall length tolerance ±1 mm	600mm			■Pass	□Fail
	Working length tolerance ±0.3 mm	440mm			■Pass	□Fail
	Flute depth tolerance ±0.2 mm	15.5mm			■Pass	□Fail
Raw Material	40CR	Conforming			■Pass	□Fail
Appearance & Roughness	Carbide tip shall be firmly welded, free from cracks, burns, slag inclusions, porosity and incomplete penetration. Cutting edge shall be sharp, free from chipping or other defects affecting performance. Front and back faces of cutting edge: Rz12.5; shank (locating circle part): Ra3.2	Conforming			■Pass	□Fail
Shank Hardness	≧ 45HRC	Shank 46 HRC; Drill body 50 HRC			■Pass	□Fail
Cutting Performance	Using concrete and stone, tested on a drilling machine with rotary speed >250 r/min and impact rate >2000 impacts/min, each drilling depth 440 mm. The finished product after test shall show no chipping, de-welding or cracking. If any piece fails the above, the batch performance test shall be judged unqualified.	60 holes drilled in C40 concrete; carbide wear 0.28 mm; no chipping, de-welding or cracking. Cutting performance qualified.			■Pass	□Fail
Test Material	Concrete C40	Holes: 60			■Pass	□Fail
Verification Conclusion: The sample has passed all inspections and the C40 concrete drilling test; all indicators conform to standard Q/ZPG 001-2026. Type test qualified.					Tester:	Chen Xiaoqing
Inspector / Prepared by: Xie Qiping 			Tester: Chen Xiaoqing		Date: 18 Sep 2026	