



SANDVIK TOP HAMMER TOOLS THREADED BITS

7580-4345A-S81

TECHNICAL SPECIFICATION

BIT DESIGN

The 43 type is a symmetrical design which work well in almost all rock conditions. It has slightly angled front buttons to make room for a larger angle on the gauge row. The spherical button shape is the most robust button geometry with the largest wear volume and should be reground for best performance.

THREAD

The Sandvik Alpha™ 340 system is a unique thread optimized towards drilling holes of diameter 43 - 48 mm. It has a short thread with asymmetric profile followed by a powerful guide, which increase fatigue strength and ensure great hole accuracy. The service life of the drifer rods is substantially higher than industry standard solutions. Sandvik offer drill bits ranging from 43 to 76 mm.

CEMENTED CARBIDE GRADE

GC81 (GC for Gradient Carbide) is developed for abrasive ground conditions. Our innovative manufacturing process makes it possible to produce buttons that are wear-resistant on the outside, while the center provides a toughness that further extends service life and grinding intervals.

SAFETY AND SUSTAINABILITY

At Sandvik, we always put safety and sustainability first. We constantly drive innovations for the climate and our products are manufactured to the highest quality standards. Our family of advanced PowerCarbide™ grades optimize your drilling performance by longer bit life and increased grinding intervals, which reduce the carbon footprint and improve the safety for operators. By using Sandvik Alpha™ 340 system, you also add longer rod life and lower the emissions from steel consumption. All rock tools are included in our exclusive Carbide Recycling Program that further supports our commitment to reuse, recycle and recover the materials in our manufacturing processes.



PRODUCT SPECIFICATIONS

Diameter	45 mm / 1 3/4"
Thread	Sandvik Alpha™ 340
Weight	0.79 kg

BUTTON CONFIGURATION

Front buttons	3 X 8 mm
Front angle	5°
Gauge buttons	6 X 10 mm
Gauge angle	30°
Button profile	Spherical
Carbide grade	GC81

FLUSHING CONFIGURATION

Front flushing	3 X 4.5 mm
Gauge flushing	1 X 4.5 mm

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ROCKTECHNOLOGY.SANDVIK