



SANDVIK TOP HAMMER TOOLS THREADED BITS

7580-4343A-R70

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 larger buttons in the gauge row. Semi ballistic buttons are sharper than the spherical shape, and should be used when drill speed is more important than life, or when bits are not reground.

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

SH70 (SH for Self-Hardening) is a grade with homogeneous properties throughout the material. "Self-hardening" refers to its ability to become both more wear resistant and tougher as drilling progresses. The hardness of the insert surface continuously increases during drilling. The hardening effect is greatest in hard and competent ground.

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	43 mm / 1 11/16"
Thread	Sandvik Alpha™ 340
Weight	0.66 kg

BUTTON CONFIGURATION

Front buttons	3 X 8 mm
Front angle	10°
Gauge buttons	6 X 10 mm
Gauge angle	35°
Button profile	Semi-Ballistic
Carbide grade	SH70

FLUSHING CONFIGURATION

Front flushing	3 X 4 mm
Gauge flushing	1 X 4 mm

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ROCKTECHNOLOGY.SANDVIK