


Enhanced wear properties in hard and abrasive rock conditions

E **TREME** **C A R B I D E**

- Increase the bit lifetime!
- Improve the rate of penetration!
- Extend the grinding interval!



Robit

 **Vikkiniityntie 9, FI-33880 Lempäälä, Finland**
 **Tel: +358 3 3140 3400**

 **www.robitchgroup.com**
 **sales@robitchgroup.com**



Increase your drilling productivity with Robit Extreme Carbide

Robit® Extreme Carbides have been designed to provide the best performance and lifetime in hard and abrasive rock conditions. Extreme Carbide has hard outer layer and an optimized core with improved resistance to breakages.

- Increased bit lifetime up to 30% in hard and abrasive rock conditions
- Carbides will stay sharper for longer time providing efficient drilling performance
 - Faster rate of penetration (ROP)
 - Less grinding needed especially at the start of the bit lifetime
 - Sharper bit will save your drill string => less recoil energy to rods and shanks

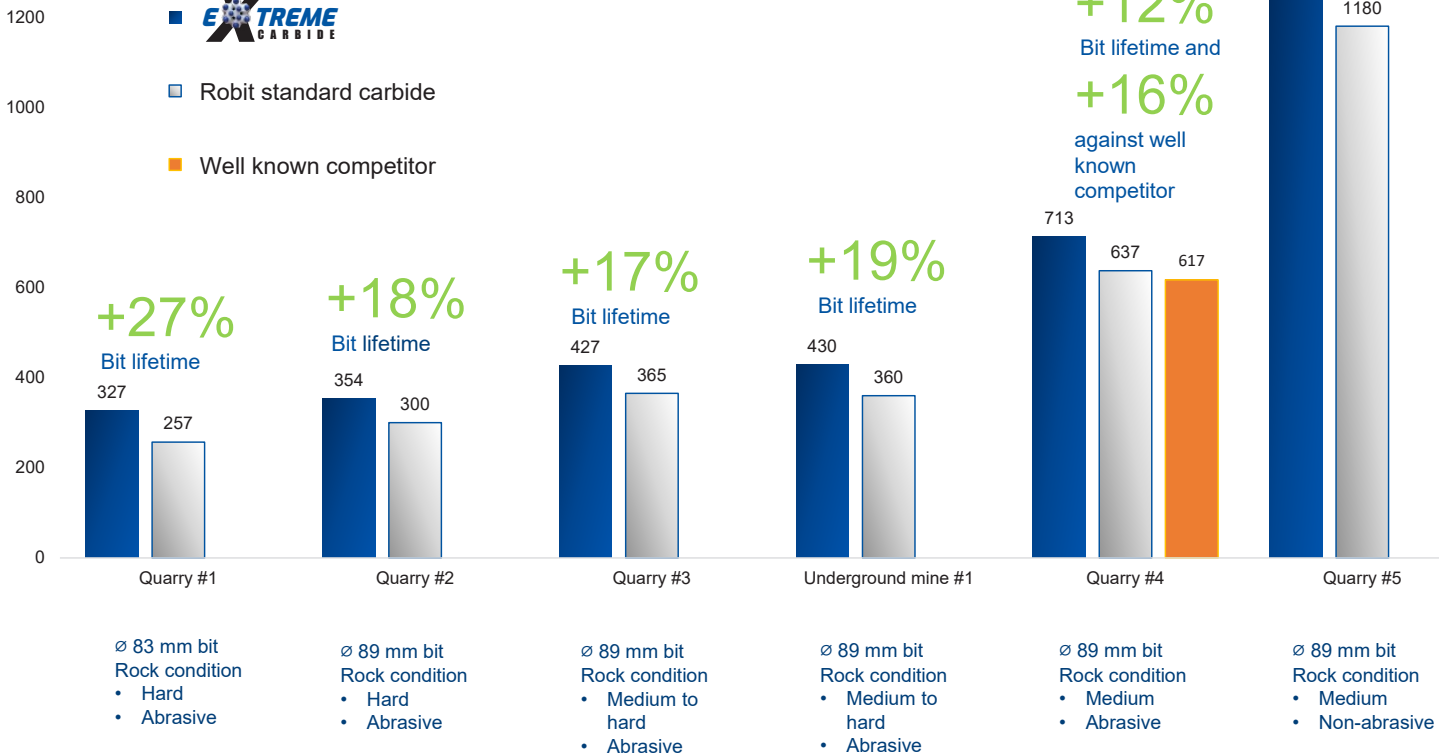
Robit recommends to regrind the Extreme carbides for optimal drilling performance once the outer hard layer has worn off.

Innovative Design of the Extreme Carbide



Proven performance of the Extreme Carbide

Drilled meters



Robit® Extreme Carbide Rbit™ Selection

Order code	Diameter		Body	Gauge	Buttons				Flushing		Product number	Weight [kg]	Pcs/box
	[mm]	[in]			[No.]	[mm]	[No.]	[mm]	[No.]	[No.]			
C45 (1 3/4") . threads													
TH RBIT 45C076DCR HD SBX	76	3"		35°	5 x 11	8 x 12	5	-	2003243	2,9	4		
TH RBIT 45C083DCR SBX	83	3 1/4"		35°	5 x 12	8 x 12	5	-	2003337	3,8	2		
TH RBIT 45C083DCR HD SBX	83	3 1/4"		35°	5 x 12	8 x 13	5	-	2002871	3,8	2		
TH RBIT 45C089DCR SBX	89	3 1/2"		35°	5 x 12	8 x 12	5	-	2003336	4,7	2		
TH RBIT 45C089DCR HD SBX	89	3 1/2"		35°	5 x 12	8 x 13	5	-	2002872	4,7	2		
C51 (2") . threads													
TH RBIT 51C083DCR SBX	83	3 1/4"		35°	5 x 12	8 x 12	5	-	2003339	3,4	2		
TH RBIT 51C083DCR HD SBX	83	3 1/4"		35°	5 x 12	8 x 13	5	-	2002870	3,4	2		
TH RBIT 51C089DCR SBX	89	3 1/2"		35°	5 x 12	8 x 12	5	-	2003338	4,3	2		
TH RBIT 51C089DCR HD SBX	89	3 1/2"		35°	5 x 12	8 x 13	5	-	2002860	4,3	2		
TH RBIT 51C102DCR HD SBX	102	4"		35°	5 x 14	8 x 14	5	-	2003349	6,2	1		

Robit

The Experts in Drilling Consumables

ROBIT PLC

Vikkiniityntie 9

FI-33880 LEMPÄÄLÄ (TAMPERE)

FINLAND

Tel: +358 3 3140 3400

E-mail: sales@robitgroup.com

<https://www.robitgroup.com>

Your distributor:



Robit reserves all rights to any changes in the products and the specifications without prior notice.
Printed: March 2025
Copyright © 2025 by Robit Plc



ROBIT® EXTREME CARBIDE PRODUCTS

3/2025