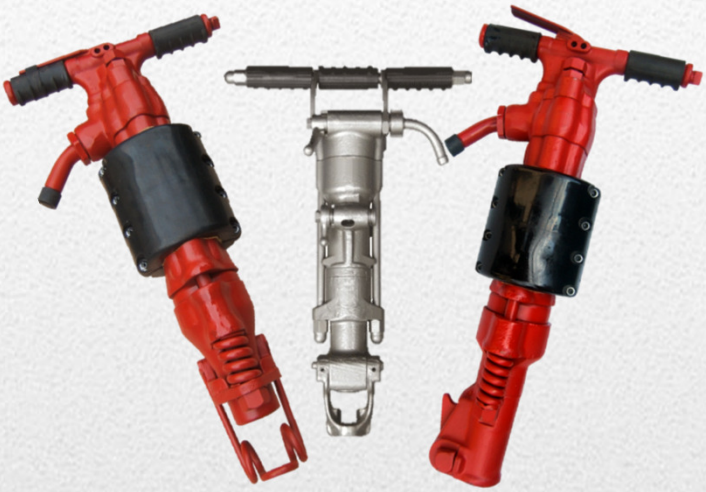
EDITION
CAT 8/Rev1

TRADING
BOBCOR
QUALITY RELIABILITY SERVICE



CONTRACTOR TOOLS, ACCESSORIES & BREAKERS

Introduction

This catalogue presents a selection of the Bobcor range of quality contractors tools which have been developed for a wide range of applications including road breaking, asphalt cutting, digging, trenching, tamping and all types of demolition work.

Bobcor's supplier has over 92 years experience in the manufacture of forged shank breaker tools, pick hammer tools, plug drills and studded equipment, and is renowned internationally for its commitment to quality and customer service.

The Company has achieved the BS EN ISO 9001 British Standards Accreditation for it's Quality Management System.

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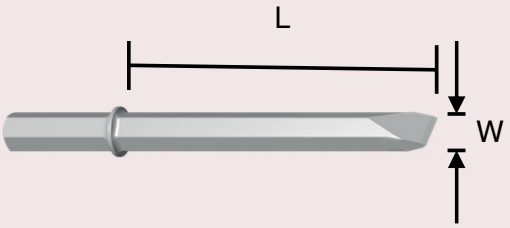
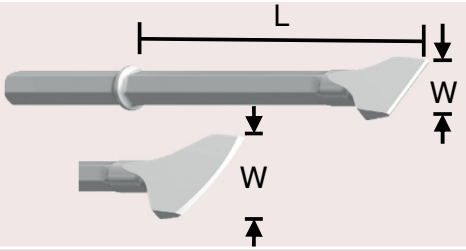
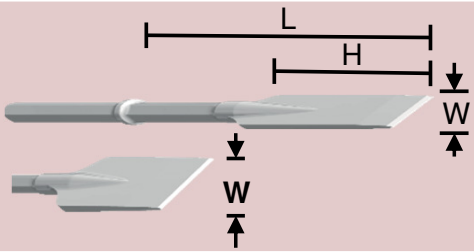
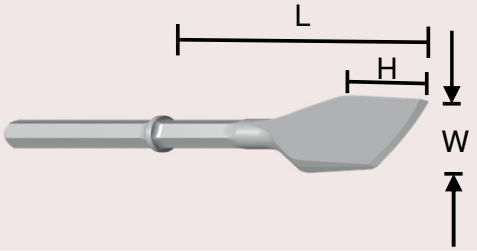
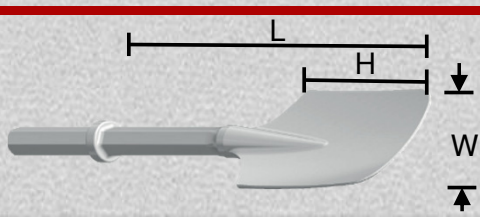
The information in this catalogue is correct at time of going to print.
For more up to date information please visit our website @ **www.bobcor.co.za**.

Printed January 2016

FORGED SHANK BREAKER TOOLS

32 X 160mm (6 ¼" x 1 ¼") HEXAGON SHANK		H (mm)	W (mm)	Length L (mm)	Code	Weight (kg)	
Moil Points				300 380 450 600 900 1000 1200 1500 2000	DFA-32160-02 DFA-32160-03 DFA-32160-04 DFA-32160-05 DFA-32160-06 DFA-32160-07 DFA-32160-08 DFA-32160-09 DFA-32160-11	3.0 3.5 4.0 5.0 7.0 7.5 9.0 11.0 14.0	S S
Chisels			35	300 380 450 600 900 1000 1200 1500 2000	DFD-32160-02 DFD-32160-03 DFD-32160-04 DFD-32160-05 DFD-32160-06 DFD-32160-07 DFD-32160-08 DFD-32160-09 DFD-32160-11	3.0 3.5 4.0 5.0 7.0 7.5 9.0 11.0 14.0	S
Easibust				350	DFC-32160-01	3.6	
Asphalt Cutters			75 125 75	380 380 450	DFH-32160-01 DFH-32160-02 DFH-32160-03	4.0 4.4 4.5	S
Digger Steels		200 230	125 75	330 350	DFJ-32160-01 DFJ-32160-02	4.2 4.7	S
Tarmac Cutters Taper Blade		140	115	250	DFK-32160-01	4.1	S

S = Stock Item



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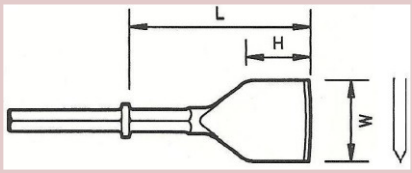
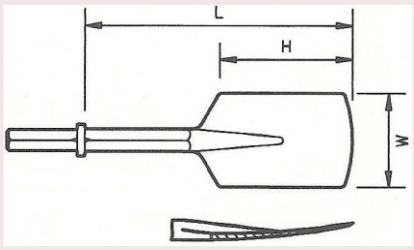
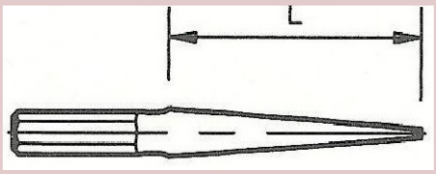
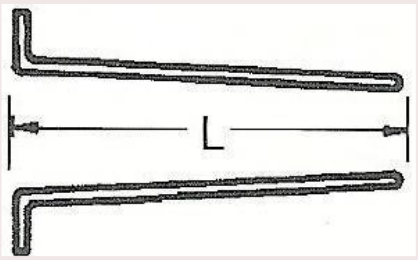
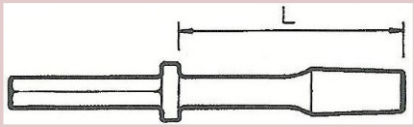
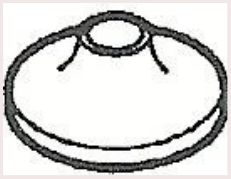
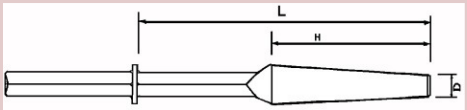
FORGED SHANK BREAKER TOOLS

32 X 160mm (6 ¼" x 1 ¼") HEXAGON SHANK		H (mm)	W (mm)	Length L (mm)	Code	Weight (kg)	
Tarmac Cutters Flat Blade				300	DFL-32160-02	4.0	
Clay Spades		200	140	380	DFM-32160-02	7.4	S
Plug			To fit hole Dia 45 mm (1 ¾")	450	DFN-32160-01	4.2	
Feathers				300 380 450	DFP-32160-01 DFP-32160-02 DFP-32160-03	3.0 3.6 4.2	
Rammer Stem				230	DFS-32160-01	3.3	
Rammer Pads				D 125 D 175	DFT-32160-01 DFT-32160-02	5.0 6.9	
Boulder Buster		190 D=27	For hole Dia 38 mm (1 ½")	365	DFR-32160-01	5.0	S

S = Stock Item

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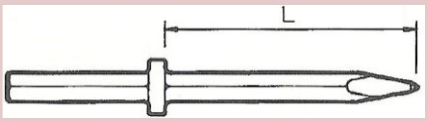
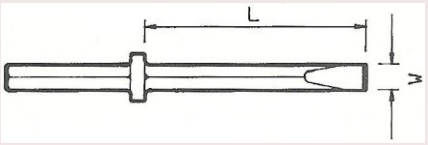
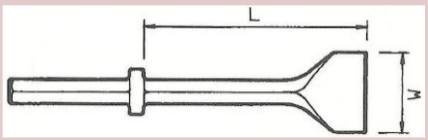
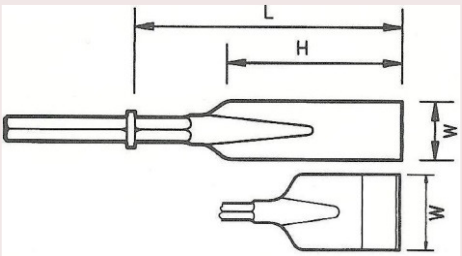
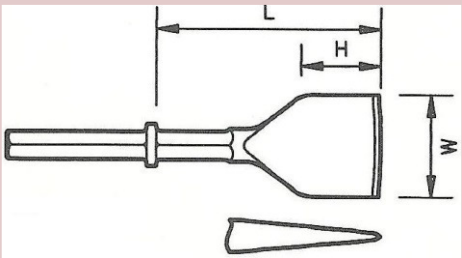
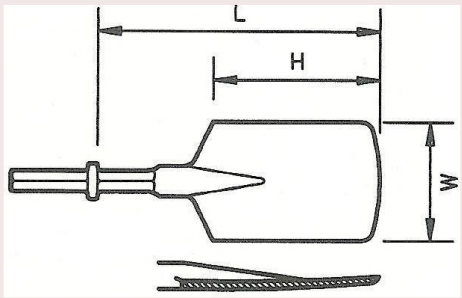
FORGED SHANK BREAKER TOOLS

22 X 83mm (3 ¼" x $^{7}/_{8}$") HEXAGON SHANK		H (mm)	W (mm)	Length (mm)	Code	Weight (kg)	
Moil Points				380 450 600 900 1200 1500 1800	DFA-22083-03 DFA-22083-04 DFA-22083-05 DFA-22083-06 DFA-22083-08 DFA-22083-09 DFA-22083-10	1.5 1.9 2.7 3.6 4.5 5.5 6.5	S
Chisels			25	380 450 600 900 1200 1500 1800	DFD-22083-03 DFD-22083-04 DFD-22083-05 DFD-22083-06 DFD-22083-08 DFD-22083-09 DFD-22083-10	1.5 1.9 2.7 3.6 4.5 5.5 6.5	S
Asphalt Cutters			75	380	DFH-22083-01	1.8	S
Digger Steels		200 230	125 75	330 350	DFJ-22083-01 DFJ-22083-03	3.0 3.0	
Tarmac Cutters		140	115	250	DFK-22083-01	3.5	S
Clay Spades		140 200	100 135	380 380	DFM-22083-01 DFM-22083-02	3.1 3.8	S

S = Stock Item

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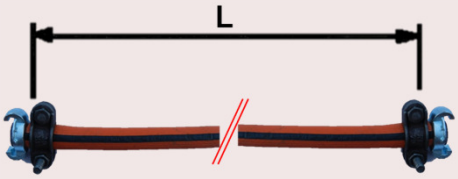
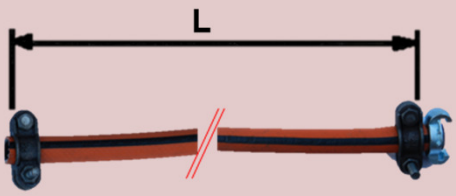
BREAKER ACCESSORIES

Model		Dia. (mm)	Length L (mm)	Working Pressure (KpA)	Code	
Rockdrill Rubber Hose with Clamp & Claw Coupling (2 Fittings)		20	30000	2000	DJD-020-09	S
Whip Hose with Clamp & Claw Coupling (2 Fittings)		12 20	3000 3000	1700 1500	DJA-012-03 DJA-020-03	S S
Whip Hose with Clamp (1 Fitting)		20	3000	1500	DJA-020-02	S
Whipcheck		Cable Dia. 3 3 4	 300 500 700		 DJP-3-03 DJP-3-05 DJP-4-07	 S S
Hose Clamp		12 20			DJT-012-01 DJT-020-01	S S
Claw Coupling Hosetail		12 20			DJK-012-03 DJK-020-03	S S
Claw Coupler Male End		12 20			DJK-012-01 DJK-020-01	S S

S = Stock Item

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BREAKER ACCESSORIES

Model		Dia. (mm)	Length L (mm)	Working Pressure (KpA)	Code	
Claw Coupler Female End		20			DJK-020-02	S
Claw Coupling Gasket Seal					DJL-025-04	S
Rockdrill Oil				Capacity: 5LT	DLA-100-03	S
Lubricators Female Inlets with 2 x ½" Filler Cap & Handle		20		Capacity: 170ml	DLF-2020-05	S
Drill Bit 5 Button 11 Deg. Taper		32 34 36 38 40			DGF-5B032-01 DGF-5B034-01 DGF-5B036-01 DGF-5B038-01 DGF-5B040-01	S S S S S
Drill Bit 7 Button 11 Deg. Taper		45			DGG-7B045-01	S
Steel Drill Rods 11 Deg. Taper 22 x 108 Shank				800 1200 1600 1800 2400	DGA-22108-02 DGA-22108-03 DGA-22108-04 DGA-22108-05 DGA-22108-06	S S S S

S = Stock Item

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CHIPPING HAMMERS & PAVING BREAKERS

TRADING BOBCOR QUALITY RELIABILITY SERVICE

Rocket 1103S Chipping Hammer (Silenced)

Net Weight		Overall Length		Shank		Piston Dia	
kg	lbs	mm	in	mm	in	mm	In
9.0	20.0	550	21 21/32	22 X 82	7/8 X 3 1/4	40.00	1 9/16

Stroke		Frequency		Air Consumption		Hose Size	
mm	in	b.p.m		m^3/min	cfm	mm	in
88	3 15/32	1500	1.25	44.0	19	3/4	88

Rocket 3110 VRS Paving Breaker (Vibration Reduced & Silenced)

Net Weight		Overall Length		Shank		Piston Dia	
kg	lbs	mm	in	mm	in	mm	In
30.5	96.8	720	28 3/8	32 X 160	1 1/4 X 6	66.68	2 5/8
30.5	96.8	720	28 3/8	32 X 160	1 1/8 X 6	66.68	2 5/8

Stroke		Frequency	Air Consumption		Hose Size	
mm	in	b.p.m	m^3/min	cfm	mm	in
158	6 1/4	1250	2.40	84.5	20	3/4
158	6 1/4	1250	2.40	84.5	20	3/4

Rocket 3100 VRS Paving Breaker (Vibration Reduced & Silenced)

Net Weight		Overall Length		Shank		Piston Dia	
kg	lbs	mm	in	mm	in	mm	In
31.0	68.2	720	28 3/8	32 X 160	1 1/4 X 6	60.30	2 3/8
31.0	68.2	720	28 3/8	32 X 160	1 1/8 X 6	60.30	2 3/8

Stroke		Frequency	Air Consumption		Hose Size	
mm	in	b.p.m	m^3/min	cfm	mm	in
140	5 1/4	1350	1.80	63.5	20	3/4
140	5 1/4	1350	1.80	63.5	20	3/4

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PAVING BREAKERS & ROCK DRILLS

Rocket 4000ARS Paving Breaker (Silenced)

Net Weight		Overall Length		Shank		Piston Dia	
kg	lbs	mm	in	mm	in	mm	In
42.0	92.6	710	27 15/16	32 X 160	1 1/4 X 6	57.15	2 1/4
42.0	92.6	710	27 15/16	32 X 160	1 1/4 X 6	57.15	2 1/4

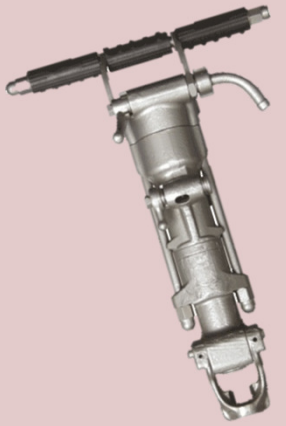
Stroke		Frequency	Air Consumption		Hose Size	
mm	in	b.p.m	m^3/min	cfm	mm	in
165	6 1/2	1200	2.50	88.50	19	3/4
165	6 1/2	1200	2.50	88.50	19	3/4

Rocket 4000LATS Paving Breaker (Silenced)

Net Weight		Overall Length		Shank		Piston Dia	
kg	lbs	mm	in	mm	in	mm	In
42.0	92.6	740	29 1/8	32 X 160	1 1/4 X 6	57.15	2 1/4
42.0	92.6	740	29 1/8	32 X 160	1 1/4 X 6	57.15	2 1/4

Stroke		Frequency	Air Consumption		Hose Size	
mm	in	b.p.m	m^3/min	cfm	mm	in
158	6 ¼	1200	2.50	88.50	19	3/4
158	6 ¼	1200	2.50	88.50	19	3/4

Rocket 630 Hand Held Pneumatic Dry Rock Drill



Net Weight		Overall Length		Shank		Piston Dia	
kg	lbs	mm	in	mm	in	mm	In
25.0	55.0	650	25 3/5	22 X 108	7/8 X 4 1/4	65.00	2 5/9

Stroke		Frequency	Air Consumption		Hose Size	
mm	in	b.p.m	m^3/min	cfm	mm	in
60	2 1/3	2000	3.40	120	19	3/4

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What makes Bobcor Products BETTER?

Striking ends are machined and squared to uniformly direct the transmittal of force thru the tool to the working end.

Chamfered to prevent chipping or spalling and to prolong the life of the anvil block or piston.

Accurately forged shanks are held to close tolerance in both diameter and length, ensuring longer tool and chuck bushing wear.

Smooth round filets blend into the tool, adding strength where it is needed.

Collars are forged to international specifications.

A tough, resilient, shock absorbing core guarantees a tool that will stand up to excessive demands placed upon it.

The tool is enveloped by a hard, uniform, depth controlled case to resist wear and abrasion. This effect has been accomplished by adhering to extremely stringent heat-treating tolerances and a specialty steel manufactured to our own exacting specifications.

The design of the point end prevents sticking, facilitates easy penetration, and will not overheat prematurely. The deep hard case will hold its shape, eliminating the need to resharpen prematurely.

PRODUCT INFORMATION

Warranty

Bobcor tools are guaranteed against defects in raw material and manufacture. No other warranty is implied or expressed. The Company's liability in respect of any warranty claims is limited to replacement and does not extend to any other expenditure incurred or to any consequential damage. Warranty claims are subject to immediate notification of any problems and return of the goods to Bobcor under their Returned Goods System.

Application

Few tools fail because of defects but do fail because of misuse or misapplication. The following recommendations will help to increase the life of the tool and also contribute to personal safety and better performance.

Wear and maintain approved protective gear such as hard hats, safety shoes and face or eye shields, etc.

Follow the hammer manufacturer's operating manuals. Do not alter or remove any safety features.

Maintain the equipment according to the manufacturer's manuals. For example, faulty or badly worn chuck bushings and pistons are a primary cause of excessive shank wear and destruction at the striking end of the tool. These bushings and pistons should be checked frequently and replaced when necessary.

Misuse causes problems. Tools should only be used for the purposes they were designed for.

If there are any doubts or questions regarding the proper tool for the job then consult Bobcor.

Blunt tools create fatigue and premature breakage so maintain cutting edges in a reasonably sharp condition.

Avoid leverage particularly when working at full pressure.

Do not leave percussive tools lying in the open during freezing conditions. In such conditions warm tools slightly before use.

Reforging and Hardening of Breaker Steels

A common cause of point and body breakages in breaker steels is incorrect heating for reforging and hardening. During the re-servicing operation it is essential to confine the heat into the vicinity of the point. Failure to observe this simple rule results in the heat extending too far into the body of the tool with a consequent reduction in hardness, tensile strengths and fatigue resistance. The following method of repointing concrete breaker steels is applicable.

1. Forging
   Heat only 25 - 40mm (1 – 1 ½") of the point to a temperature not exceeding 950^0 C (bright red to orange) and then cool the point rapidly in oil.

2. Hardening
   Heat the points for 40 – 50mm (1 ½" – 2") only to a uniform temperature of 770 – 790^0 C (cherry red).
   After heating quench the whole point portion in water until the visible heat is lost (approximately eight seconds). Remove the tool and clean the point with a rubbing stone or emery and allow the residual heat to run back into the point until a brown to purple temper colour appears, then quench in water.