

Percussive tools

Choose Atlas Copco and you've cracked it!

Chipping hammers, riveting hammers, rammers, scalers and bucking bars – our percussive tools make light of the toughest jobs. The vibration-damped range includes sophisticated ergonomic features designed to minimize operator fatigue.

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PERCUSSIVE TOOLS

Safety guidelines

IMPORTANT: All local safety regulations with respect to installation, operation and overhaul must always be followed.

AVOID ACCIDENTS

- 1** The chisel, die or punch may fall out or may be shot out of the tool accidentally causing serious injury.



To prevent injury from a flying chisel:

- Always use a retainer.
- Inspect the retainer for wear or damage regularly.



- Be aware that the chisel may break during operation.
- Never trigger a hammer unless held against a work piece.
- Remove chisel, die or punch from tool when work is over.
- When finishing a job, disconnect the tool from its air supply.
- Before changing accessories, chisel or die – disconnect the tool from the air supply.

- 2** Chips and sparks shall be prevented from striking an eye or another worker.



To prevent vision loss:

- Always wear eye protection.
- Isolate work of this kind by using barriers between work stations.
- Do not use the tool for other purposes than it is intended for.

- 3** Gloves protect fingers from pinching, scuffing and scraping.

- Protective shoes may prevent your feet from being injured.

- 4** Explosive atmosphere must not be ignited.



To prevent injury and property loss from fires:

- Use other technique.
- Use accessories of non sparking material (e.g. needle attachment of Beryllium copper for a needle scaler).

- 5** Electric shock may be fatal.

- Avoid chiseling into electric wiring hidden inside walls etc.

LONG TERM RISKS

- 6** Always use ear protection.



To prevent gradual loss of hearing due to exposure to high noise level – wear ear protection.

- 7** Vibration may be harmful to hands and arms.



- Use vibration dampened tools if available.
- Reduce the total time of exposure to vibrations, particularly if the operator has to guide the chisel by hand.

- 8** Dust generated during operation may be harmful.

- Use spot suction or a breathing apparatus.

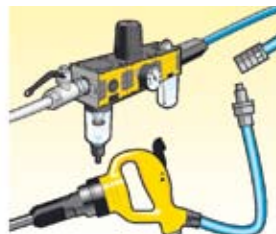
PROPER USE AND MAINTENANCE

- 9** Do not perform idle blows with a hammer.



- They will cause high internal stresses and shorten the life of the tool.
- Note the risk of shooting out the chisel, die or punch if the retainer is not in order or damaged.

- 10** Quick coupling.



- If a coupling is used on a percussive tool, it shall be separated from the tool by a whip hose (length 0.5 m).

- 11** Follow the tool manual and the lubrication instructions.

- 12** Make overhaul at regular intervals.

CHIPPING HAMMERS

Vibration-damped and silenced

Tough on the job – easy on you

Choose the tools that give the best results in the toughest working conditions, yet are easy on the operator. These are effective, reliable tools for fettling of castings, chipping operations in the mechanical industry, hole making and light demolition of concrete.

- **RRF21/31** have a sturdy D-handle in light metal alloy for a high power-to-weight ratio and steady grip. The compact, vibration-controlled (2.5 m/s^2) design offers good accessibility and ease of use.
- **RRD37/57** are light, quiet and have a long service life. They have light alloy tool casings, very low vibration (below 2.5 m/s^2) and noise levels, vibration damping in both hand grips, and piped away exhaust.



Model	Blows Hz	Piston dia		Stroke		Energy per blow		Length mm	Weight		Bushing		Air consumption		Hose size		Air inlet BSP	Ordering No.	
		mm	in	mm	in	J	ft lb		kg	lb	mm	in	l/s	cfm	mm	in			
Chipping hammers vibration damped																			
RRF21-01	57	18	0.7	33	1.3	2.0	1.5	245	1.75	3.3	12.7 ^c	0.50	6.5	13.8	10.0	3/8	3/8	8425 1104 05*	
RRF31-01	38	22	0.9	43	1.7	4.4	3.2	265	2.5	5.3	12.7 ^c	0.50	7.5	15.9	10.0	3/8	3/8	8425 1104 15*	
RRD37-11	35	27/19 ^a	1.1/0.8	70	2.8	6.8	5.0	418	3.0	6.6	17.3 ^d	0.68	7.2	15.3	12.5	1/2	special ^e	8425 1101 22*	
RRD37-12	35	27/19 ^a	1.1/0.8	70	2.8	6.8	5.0	418	3.0	6.6	17.3 ^d	0.68	7.2	15.3	12.5	1/2	special ^e	8425 1101 30	
RRD57-11	31	28/18 ^b	1.1/0.8	92	3.6	9.3	6.9	458	3.4	7.5	17.3 ^d	0.68	9.5	20.1	12.5	1/2	special ^e	8425 1103 20*	
RRD57-12	31	28/18 ^b	1.1/0.8	92	3.6	9.3	6.9	458	3.4	7.5	17.3 ^d	0.68	9.5	20.1	12.5	1/2	special ^e	8425 1103 38*	

^a Effective piston dia 19 mm, 0.75 in.

^b Effective piston dia 21.5 mm, 0.85 in.

^c ISO.

^d Spline.

^e Integrated hose barb.

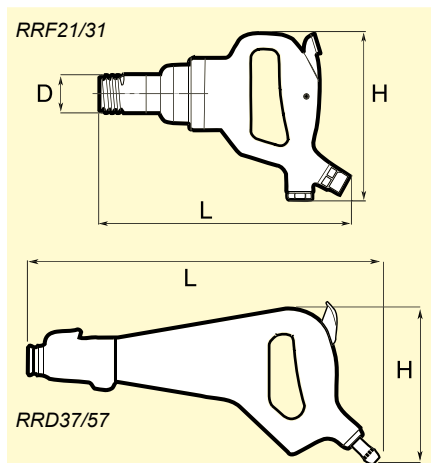
-01 and -11: Guided models,

-02 and -12: Non guided models.

* Available directly from stock.

DIMENSIONS (mm)

Model	L	H	D
RRF21	245	160	33
RRF31	265	170	36
RRD37	418	175	–
RRD57	458	190	–



Power regulator

Model	Ordering No.
RRF21 and -31	3512 0273 80

Retainer, open type

Model	Ordering No.
RRF21	3512 0290 90
RRF31	3512 0305 90

ACCESSORIES INCLUDED

RRF models	Chisel retainer and a hose fitting
RRD models	Flat chisel
	Silencer complete
	Hand grip
	Key

OPTIONAL ACCESSORIES

A selection of chisels

RRF21/31	ISO 12.7 mm
RRD37/57	ISO with splines

For a wide choice of chisels, see page 205.

CHIPPING HAMMERS

Atlas Copco RRC chipping hammers are used mainly in foundries, in heavy industry and for hole-making and light demolition in the building industry.

- **Dependable** – Their robust construction makes them highly dependable.
- **Efficient** – RRC65 and RRC75 have a blow rate which makes them particularly suitable for roughening.
- **Chisel retainer** – for safer jobs – RRC22-RRC75 are delivered with a chisel retainer as standard. For the same reason choose a tool that can be guided via the machine itself and not by holding the chisel.

As standard, Atlas Copco chipping hammers of series RRC are delivered with a standard, guided ISO hexagon nozzle (-01) or a round, non guided shank nozzle (-02).



Model	Blows Hz	Piston dia		Stroke		Energy per blow		Length mm	Weight		Bushing		Air consumption		Hose size		Air inlet BSP	Ordering No.	
		mm	in	mm	in	J	ft lb		kg	lb	mm	in	l/s	cfm	mm	in			
Chipping hammers including chisel retainer																			
RRC22F-01	62	15	0.6	52	2.0	2.7	2.0	260	2.2	4.9	12.7 ^a	0.50	6.2	13.1	10	3/8	3/8	8425 0202 22*	
RRC22F-02	62	15	0.6	52	2.0	2.7	2.0	260	2.2	4.9	12.7 ^a	0.50	6.2	13.1	10	3/8	3/8	8425 0202 30*	
RRC34B-01	45	24	0.9	67	2.6	5.5	4.1	330	4.5	9.9	17.3 ^a	0.68	8.0	14.0	12.5	1/2	special ^b	8425 0212 53*	
RRC34B-02	45	24	0.9	67	2.6	5.5	4.1	330	4.5	9.9	17.3 ^a	0.68	8.0	17.0	12.5	1/2	special ^b	8425 0212 61	
RRC65B-01	40	29	1.1	50	2.0	10.0	7.3	335	5.9	13.0	17.3 ^a	0.68	10.8	22.9	12.5	1/2	special ^b	8425 0225 33*	
RRC65B-02	40	29	1.1	50	2.0	10.0	7.3	335	5.9	13.0	17.3 ^a	0.68	10.8	22.9	12.5	1/2	special ^b	8425 0225 41	
RRC75B-01	30	29	1.1	75	3.0	16.0	11.8	390	6.5	14.3	17.3 ^a	0.68	14.0	29.6	12.5	1/2	special ^b	8425 0225 58*	

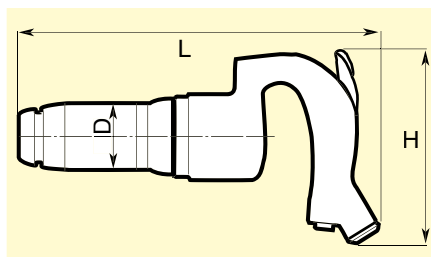
^a ISO.

* Available directly from stock.

^b Integrated hose barb.

DIMENSIONS (mm)

Model	L	H	D
RRC22	260	155	34
RRC34	330	160	43
RRC65	335	170	54
RRC75	390	170	54



ACCESSORIES INCLUDED

RRC22F
RRC34B
RRC65B
RRC75B

Chisel retainer and hose fitting

OPTIONAL ACCESSORIES

A selection of chisels fitting -01, -02 type, see page 205.

SCALER

Vibration-controlled

Scaler RVM07B is ideal for tasks such as weld dressing, etc.

- **Vibration-damped with low-noise level.**
- **Vibration is very low** (below 2.5 m/s²).
- **Two-job capacity** – RVM07B features a clean-blowing device (B) which is very useful for clean-blowing work on steel structures etc.
- **RVM07B** is the obvious choice for light concrete trimming and for removal of paint and rust.

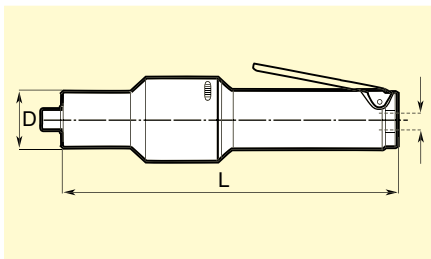


Model	Blows Hz	Length mm	Weight incl. standard chisel		Air consumption		Hose size		Air inlet BSP	Ordering No.
			kg	lb	l/s	cfm	mm	in		
Scalers										
RVM07B	100	273	1.7	3.8	3.8	8.1	6.3	1/4	1/4	8425 0105 25*

* Available directly from stock.

DIMENSIONS (mm)

Model	L	D
RVM07B	273	38



ACCESSORIES INCLUDED

Hose fitting

Flat carbide tipped chisel 10x120 mm

OPTIONAL ACCESSORIES

Carbide tipped chisels and through hardened chisels with other length and width.
See page 205.

SCALERS

Choose between two different models for heavy slag chipping and for instant trimming of concrete.

- **High removal rate** – RRC13 is very effective and has a high removal rate in relation to its low weight.
- **Well proven** percussive mechanism and retainer.
- **Two-job capacity** – RRC13B with extra clean-blowing device.
- **Improved back head** – Throttle valve and lever with really Heavy Duty performance for long service life. Clean blowing system with twice the previous blow capacity. Big blow button for easy operation and sturdy valve stem to resist rough handling.

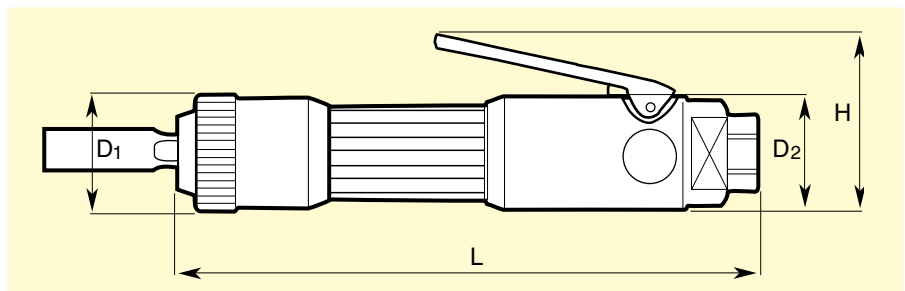


Model	Blows Hz	Piston dia		Stroke		Energy per blow		Length mm	Weight		Air consumption		Hose size		Air inlet BSP	Ordering No.
		mm	in	mm	in	J	ft lb		kg	lb	l/s	cfm	mm	in		
Scalers																
RRC13	73	15	0.6	35	1.4	1.4	1.0	221	1.4	3.1	4.0	8.0	10	3/8	3/8	8425 0101 30*
RRC13B	73	15	0.6	35	1.4	1.4	1.0	231	1.6	3.5	4.0	8.0	10	3/8	3/8	8425 0101 33*

* Available directly from stock.

DIMENSIONS (mm)

Model	L	H	D ₁	D ₂
RRC13	221	65	45	41.5
RRC13B	231	65	45	41.5



ACCESSORIES INCLUDED

Hose fitting
Scaling chisel

OPTIONAL ACCESSORIES

RRC13 / RRC13B	Ordering No.
Hand guard	3510 0246 90
All steel retainer	3510 0245 80
Silencer	3510 0366 80

Chisels for RRC13 and -13B:
Square shank 13.0 mm.

For a wide choice of chisels,
see page 205.

NEEDLE SCALER

The effective needle scaler, type RRC13N, is based on the same fundamental design as the straight chipping hammers of type RRC13 described above.

- **Sturdy design** – Easy to maintain.
- **Versatile** – The needle scaler is used to remove welding slag, rust and paint from steel structures.

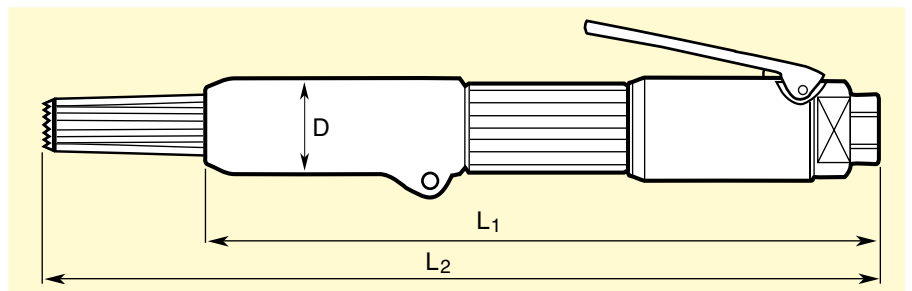


Model	Blows Hz	Piston dia		Stroke		Energy per blow		Length mm	Weight		Air consumption		Hose size		Air inlet BSP	Ordering No.
		mm	in	mm	in	J	ft lb		kg	lb	l/s	cfm	mm	in		
Scaler																
RRC13N	73	15	0.6	35	1.4	1.4	1.0	352	1.9	4.2	4.0	8.0	10	3/8	3/8	8425 0101 36*

* Available directly from stock.

DIMENSIONS (mm)

Model	L ₁	L ₂	D
RRC13N	282	352	38



ACCESSORIES INCLUDED

Hose fitting
Needle set (steel)

OPTIONAL ACCESSORIES

Needle-set of 19 needles, length 100 mm

Material	Ordering No.
Steel, standard	3510 0221 90
Steel flat ends	3510 0227 90
Stainless steel flat ends	3510 0228 90
Beryllium copper flat ends (spark resistant)	3510 0229 90

RUST AND WELD SCALERS

The RP rust and weld scaler is designed for removal of rust, paint and other coating from steel structures, steam boilers etc.

- **Easy to maintain** – The 4-point bit, with cemented carbide insert, is replaceable.
- **Two models for flexible work** – The rust and weld scaler is available in versions with 1 impact head (RP1) and with 3 impact pistons (RP3).

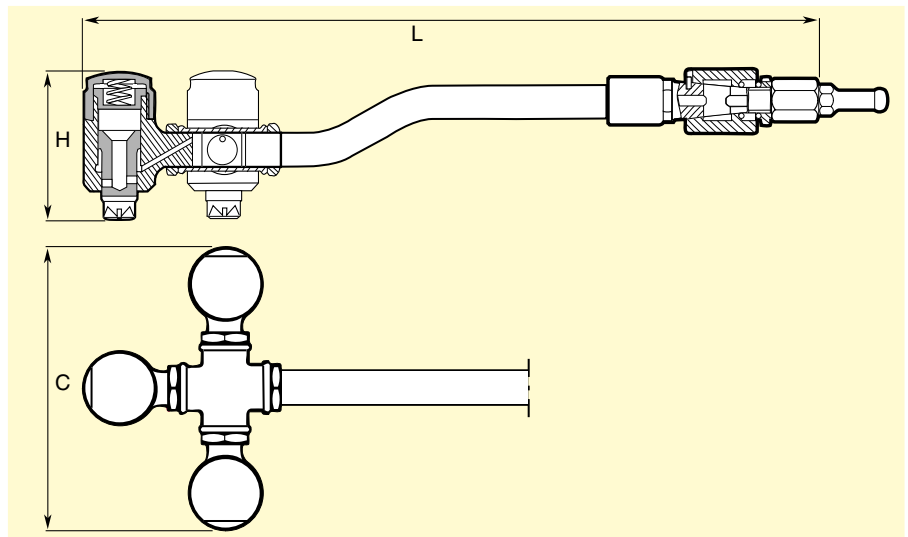


Model	Blows Hz	Length mm	Weight		Air consumption		Hose size		Air inlet BSP	Ordering No.
			kg	lb	l/s	cfm	mm	in		
Scalers										
RP1	69	485	2.0	4.4	3.2	6.8	10	3/8	3/8	8425 0301 06*
RP3	69	515	3.9	8.6	9.6	20.3	10	3/8	3/8	8425 0301 14*

* Available directly from stock.

DIMENSIONS (mm)

Model	L	H	C
RP1	485	80	–
RP3	515	80	180



ACCESSORIES INCLUDED

Hose fitting
Four-point carbide bit, length 55 mm

OPTIONAL ACCESSORIES

RP1 and RP3	Ordering No.
Vibration-damped support handle	3550 0079 80



How to find a suitable hammer and bucking bar

The Atlas Copco riveting system includes vibration-damped hammers RRH and bucking bars RBB – as well as conventional riveting hammers RRN.

The vibration-damped riveting hammers – RRH – are available in different sizes, RRH04P, RRH06P, RRH08P, RRH10P and RRH12P.

Each size is available in “Trigger start” and “Push to start” models.

The conventional riveting hammer – RRN – is available in one size: RRN11P.

The number of blows and the power are critical factors which determine the strength of a riveted joint. A few powerful blows

are needed to fill out the hole and form a head when upsetting the rivet. The impact force is critical to some extent when working with aluminium alloys, as too many blows can embrittle the metal.

In terms of capacity, the tools overlap. The table on page 201 helps you to find the right tool for your particular application of riveting.

The vibration-damped bucking bars RBB are available in two versions – the simple spring damped – SP type and the air servo assisted SA type. There are three sizes RBB04, RBB10 and RBB16.

RIVETING HAMMERS

Vibration-damped

RRH is a unique series of riveting hammers incorporating completely revolutionary ergonomic advantages.

- **Versatile** – RRH can easily cope with rivets in diameters up to 12 mm.
- **Vibration-damped system** – The RRH vibration-damped riveting hammer, combined with the RBB vibration-damped bucking bar, offer an unbeatable system for riveting.
- **Adjustable power.**
- **Adjustable hand guard** – Support hand grip is vibration-damped.
- Now new models with trigger start for excellent handling. Pistol grip with rubber coating.



Model	Blows Hz	Nozzle		Piston dia		Stroke		Energy per blow		Weight		Air consumption		Hose size		Air inlet BSP	Ordering No.
		mm	in	mm	in	mm	in	J	ft lb	kg	lb	l/s	cfm	mm	in		
Riveting hammers with push start																	
RRH04P-01	66	10.0	0.4	15	0.6	40	1.6	2.0	1.5	1.0	2.2	3.7	6	6.3	1/4	1/4	8426 1109 07*
RRH04P-02	66	10.2	0.4	15	0.6	40	1.6	2.0	1.5	1.0	2.2	3.7	6	6.3	1/4	1/4	8426 1109 15*
RRH04P-12	66	10.2	0.4	15	0.6	40	1.6	2.0	1.5	1.0	2.2	3.7	6	6.3	1/4	1/4	8426 1109 25
RRH06P	36	10.2	0.4	15	0.6	102	4.0	6.0	4.4	1.3	2.9	9.0	19	10.0	3/8	1/4	8426 1110 04*
RRH08P	24	10.2	0.4	15	0.6	137	5.4	8.0	5.9	1.4	3.0	10.0	21	10.0	3/8	1/4	8426 1110 09
RRH10P	25	12.7	0.5	19	0.7	118	4.6	13.0	9.6	2.0	4.4	12.0	24	10.0	3/8	1/4	8426 1110 20*
RRH12P	20	12.7	0.5	19	0.7	153	6.0	16.0	11.8	2.1	4.6	13.0	28	10.0	3/8	1/4	8426 1110 47*
Riveting hammers with trigger start																	
RRH04P TS-12	66	10.2	0.4	15	0.6	40	1.6	2.0	1.5	1.0	2.2	3.7	6	6.3	1/4	1/4	8426 1109 27*
RRH06P TS	36	10.2	0.4	15	0.6	102	4.0	6.0	4.4	1.3	2.9	9.0	19	10.0	3/8	1/4	8426 1110 66*
RRH08P TS	24	10.2	0.4	15	0.6	137	5.4	8.0	5.9	1.4	3.0	10.0	21	10.0	3/8	1/4	8426 1110 68*
RRH10P TS	25	12.7	0.5	19	0.7	118	4.6	13.0	9.6	2.0	4.4	12.0	24	10.0	3/8	1/4	8426 1110 70*
RRH12P TS	20	12.7	0.5	19	0.7	153	6.0	16.0	11.8	2.1	4.6	13.0	28	10.0	3/8	1/4	8426 1110 72*

-01 means 10 mm short shank rivet set.

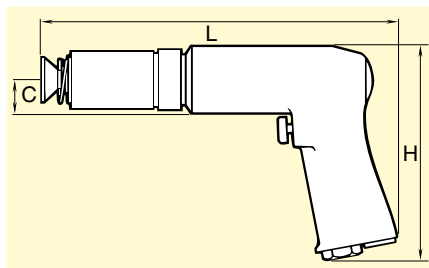
-02 means 10.2 mm short shank rivet set.

-12 means 10.2 mm stand shank rivet set.

* Available directly from stock.

DIMENSIONS (mm)

Model	L	H	C
RRH04-01	160	147	23
RRH04-02	160	147	23
RRH04-12	175	147	23
RRH06	225	147	24
RRH08P	244	147	24
RRH10P	264	150	27
RRH12P	299	150	27



ACCESSORIES INCLUDED

- Hose fitting
- Flush set
- Open spring retainer

Kits for conversion to trigger start operation

Model	Ordering No.
RRH04P-12	3520 0363 80
RRH06/08P	3520 0210 81
RRH10/12P	3520 0364 80

OPTIONAL ACCESSORIES

Blank and flush rivet sets, see page 201.

RIVETING HAMMERS

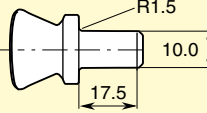
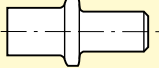
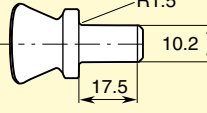
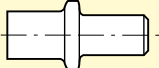
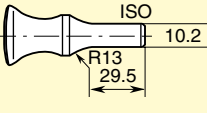

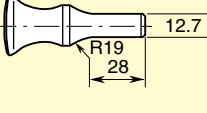

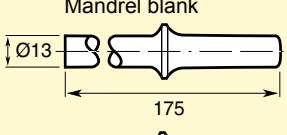
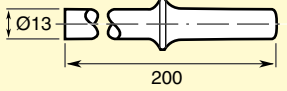
Selection guide

Hammer model ^a	Nominal Max. Rivet Diameter Capacity						Bucking bar model required ^b	
	Dural		Steel		Titanium			
	mm	in	mm	in	mm	in		
RRH04	2- 5	3/32 - 3/16	1- 4	3/21 - 5/32			RBB04	RBB10
RRN11	2- 5	3/32 - 3/16	1- 4	3/32 - 5/32				
RRH06	4- 7	5/32 - 1/4	3- 6	1/8 - 1/4	2- 4	3/32 - 5/32	RBB10	RBB16
RRH08	5- 8	3/16 - 5/16	4- 7	5/32 - 1/4	3- 6	1/8 - 1/4	RBB10	RBB16
RRH10	5- 9	3/16 - 3/8	6- 8	1/4 - 5/16	4- 7	5/32 - 1/4	RBB16	
RRH12	8-11		7-10	1/4 - 3/8	6- 9	1/4 - 1/8	RBB16	

^a Hammer capacity depends on direct/indirect riveting as well as Panel density and stiffness.

^b Bucking bar capacity is dependent on dolly weight.

RIVET SETS. RRH and RRN

Hammer type	Model	Shank mm		Flush set Ordering No.		Blank rivet set Ordering No.
RRH04P-01 RRN11P-01	(-01)	10.0 spec		3085 0347 00		3006 0983 00
RRH04P-02 RRN11P-02	(-02)	10.2 spec		3085 0352 00		3085 0353 00
RRH04P-12 RRH06P RRH08P RRN18P RRN24P	(-12)	10.2 std		3085 0324 00		3085 0022 00
RRH10P/s RRH12P RRN34P		12.7 std		3085 0323 00		3085 0021 00
RRH04P-12 RRH06P RRH08P		10.2 std				3085 0212 00
RRH04P-12 RRH06P RRH08P		10.2 std				3085 0212 02

BUCKING BARS

Vibration-damped

An efficient riveting system consists of vibration-damped bucking bars together with vibration-damped riveting hammers.

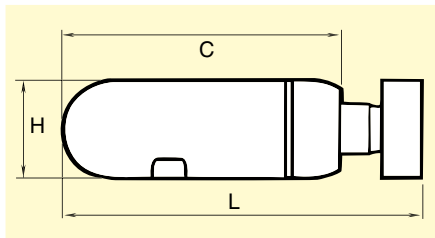
- **Self-adjustable** – RBB10SA and RBB16SA feature a self-adjusting damping system which requires a compressed air supply. RBB04SP, RBB10SP and RBB16SP use a spring as damping element and consequently do not require an air supply.
- **Flexible** – The bucking bars can be fitted with several different interchangeable dolly configurations via a quick change retainer for maximum flexibility.
- **Cramped spaces** – Mini bucking bars RBB04SP are ideal for work in confined spaces. The large mass types -04, -05 will in most applications set the rivet faster than the smaller models.



DIMENSIONS (mm)

Model	L	H	C
RBB10SA/SP	165	49	140
RBB16SA/SP	200	49	198

Dollies other than standard, see page 195.



Model	Weight		Diameter		Air consumption		Ordering No.
	kg	lb	mm	in	l/s	cfm	
Bucking bars with standard dolly^a							
RBB10SA	1.3	2.9	48	2.0	0.5	1.1	8426 9101 77
RBB10SP	1.1	2.4	48	2.0	–	–	8426 9101 74
RBB16SA	1.9	4.2	48	2.0	0.5	1.1	8426 9101 78
RBB16SP	1.7	3.7	48	2.0	–	–	8426 9101 76
Bucking bars without dolly and rod							
RBB10SA-U	1.0	2.2	48	2.0	0.5	1.1	8426 9101 73
RBB10SP-U	0.9	2.0	48	2.0	–	1.1	8426 9101 86
RBB16SA-U	1.7	3.7	48	2.0	0.5	1.1	8426 9101 75
RBB16SP-U	1.5	3.3	48	2.0	–	–	8426 9101 94
Mini bucking bars							
RBB04SP-01	0.8	1.8	46	1.8	–	–	8426 9101 10*
RBB04SP-02	0.8	1.8	46	1.8	–	–	8426 9101 11
RBB04SP-03	0.8	1.8	46	1.8	–	–	8426 9101 12
RBB04SP-04	1.3	2.9	46	1.8	–	–	8426 9101 13*
RBB04SP-05	1.4	3.1	46	1.8	–	–	8426 9101 14

^a Standard dolly Assy (3085 0335 93).

* Available directly from stock.

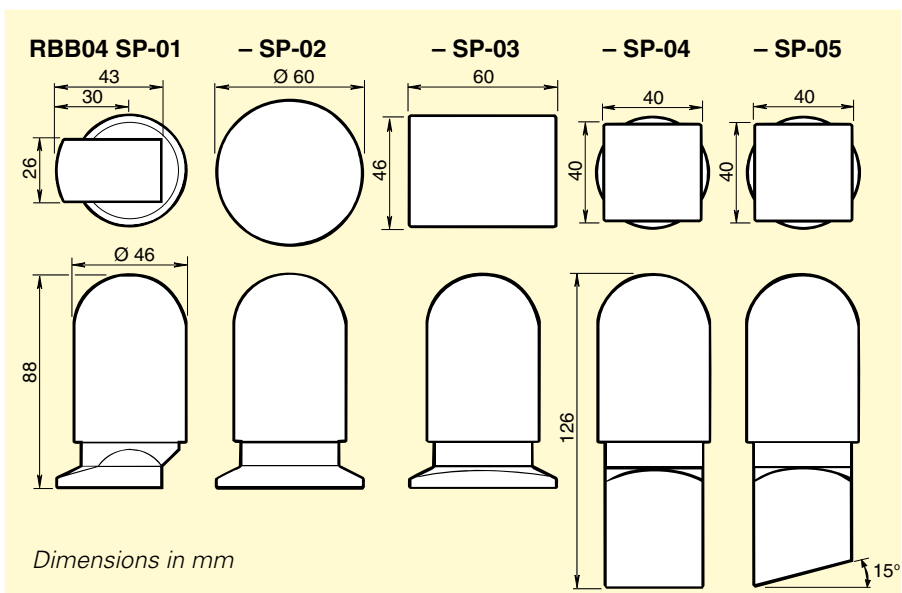
ACCESSORIES INCLUDED

All SA-models Hose and hose fitting
All 10/16 models Plastic cover

OPTIONAL ACCESSORIES

Designation	Ordering No.
Rod 5 mm	3085 0365 03
Rod 50 mm	3085 0365 04
Rod 100 mm	3085 0365 05
Plastic cover for	
RBB10SA	3520 0317 00
RBB10SP	3520 0315 00
RBB16SA	3520 0318 00
RBB16SP	3520 0316 00

Dollies other than standard, see page 203.



Dimensions in mm

BUCKING BARS

Accessories

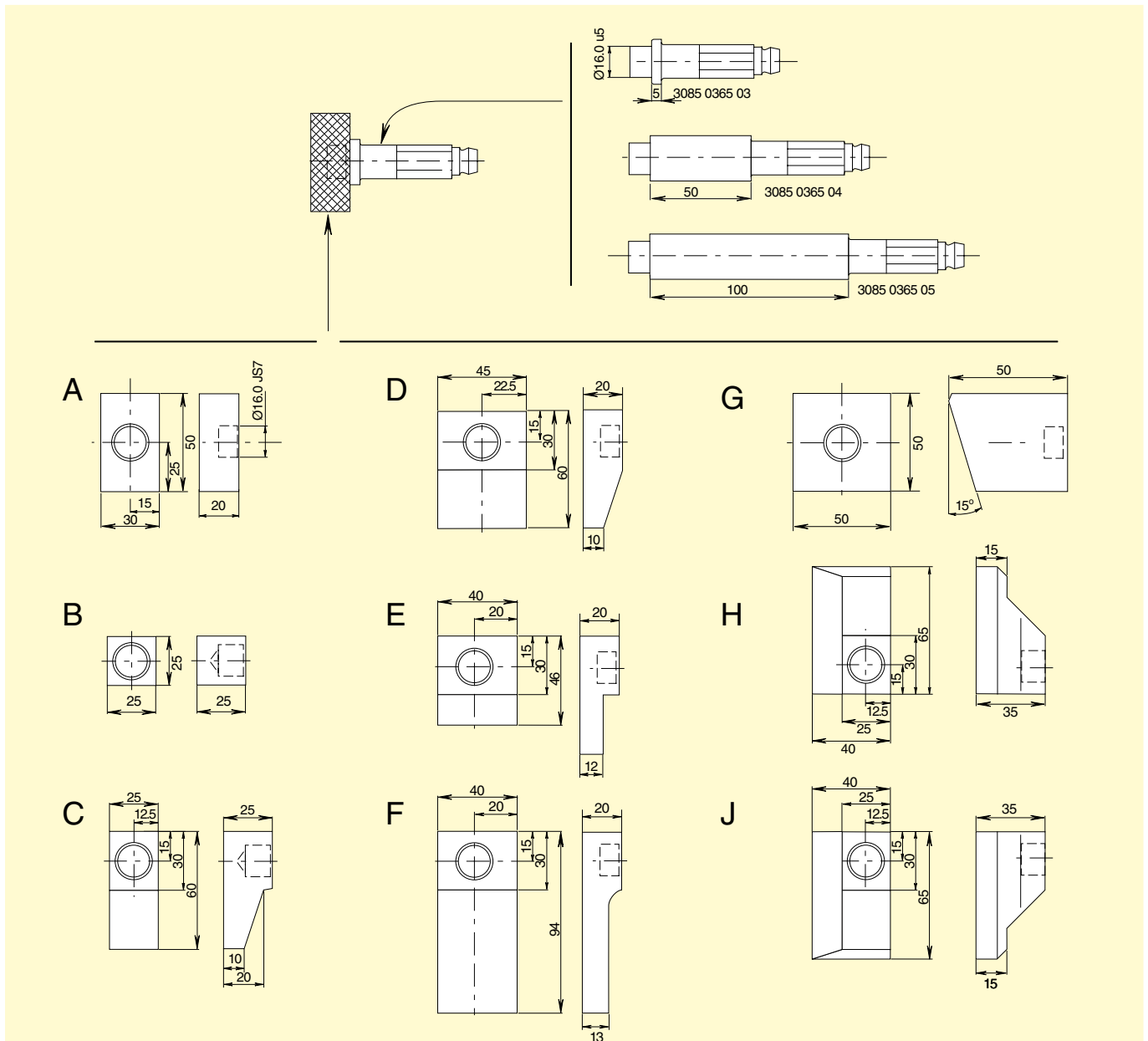
Dollies for RBB10 and RBB16, all models

Dolly type	Weight		Ordering No. With rod 5 mm	Weight		Ordering No. With rod 50 mm	Weight		Ordering No. With rod 100 mm
	kg	lb		kg	lb		kg	lb	
A	0.37	0.8	3085 0335 93 ^a	0.47	1.0	3085 0335 94	0.67	1.5	3085 0335 95
B	0.25	0.55	3085 0363 93	0.35	0.8	3085 0363 94	0.55	1.3	3085 0363 95
C	0.36	0.8	3085 0364 93	0.46	1.0	3085 0364 94	0.66	1.5	3085 0364 95
D	0.43	0.9	3085 0337 93	0.53	1.2	3085 0337 94	0.73	1.6	3085 0337 95
E	0.35	0.8	3085 0339 93	0.45	1.0	3085 0339 94	0.65	1.5	3085 0339 95
F	0.57	1.3	3085 0336 93	0.67	1.5	3085 0336 94	0.87	1.9	3085 0336 95
G	1.00	2.2	3085 0338 93	1.10	2.4	3085 0338 94	1.30	2.9	3085 0338 95
H	0.62	1.4	3085 0340 93	0.72	1.6	3085 0340 94	0.92	2.0	3085 0340 95
J	0.62	1.4	3085 0341 93	0.72	1.6	3085 0341 94	0.92	2.0	3085 0341 95

^a Standard dolly assy.

Other than Atlas Copco's dollies can also be used and press fitted onto a rod. Please see rod (i.e. hole) specification in the below drawing. Custom design dollies are recommended to be manufactured locally and fitted on to Atlas Copco rods.

DIMENSIONAL DRAWING of dollies available



RIVETING HAMMERS

Conventional type

For riveting in confined spaces we recommend our RRN11 riveting hammer.

- **RRN11** – is the smallest riveting hammer available on the market, with unique accessibility.
- **Adjustable** – The RRN11 has a built-in adjustment knob with which you can set the power for different rivet materials and sizes.
- **Controllable** – The trigger is easily operated and provides excellent control.



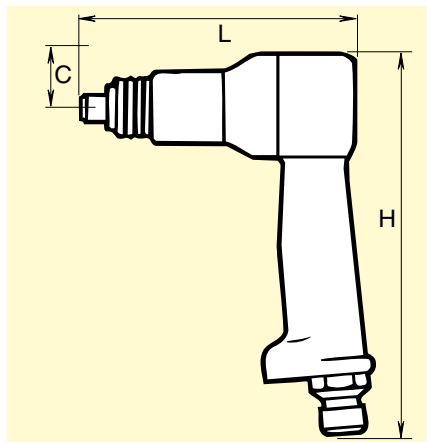
Model	Blows Hz	Nozzle		Piston dia		Stroke		Energy per blow		Weight		Air consumption		Hose size		Air inlet BSP	Ordering No.
		mm	in	mm	in	mm	in	J	ft lb	kg	lb	l/s	cfm	mm	in		
Riveting hammers																	
RRN11P-01	66	10.0	0.4	15	0.6	40	1.6	2.0	1.5	1.2	2.6	3.4	7.2	6.3	1/4	1/8	8426 1101 05*
RRN11P-02	66	10.2	0.4	15	0.6	40	1.6	2.0	1.5	1.2	2.6	3.4	7.2	6.3	1/4	1/8	8426 1101 13*

-01 means 10 mm short shank rivet set.
-02 means 10.2 mm short shank rivet set.

* Available directly from stock.

DIMENSIONS (mm)

Model	L	H	C
RRN11P	100	170	23



ACCESSORIES INCLUDED

- RRN11P**
Hose fitting and retainer
Blank rivet set
Retainers for blank and flush rivet set


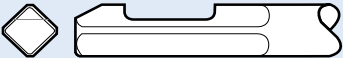
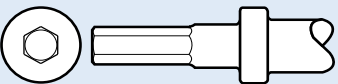
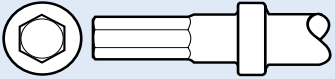
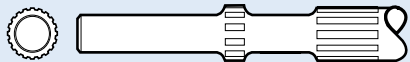
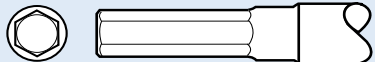
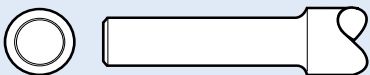

OPTIONAL ACCESSORIES

Blank and flush rivet sets, see page 201.

CHISELS

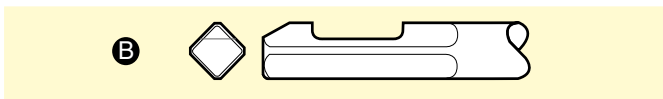
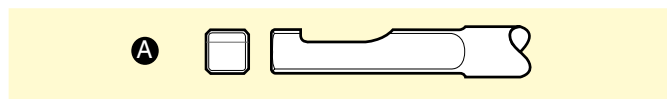


Chisels for Chipping Hammers. All chisels are normally through hardened. Otherwise, see tables.

Figure	Shank type	Tools	Table
	Square shank 13.0 mm	RRC13, RRC13B	1
	Extended square shank ISO, 12.7 mm	RRC15	1
	Hexagon and round shank ISO, round collar 12.7 mm	RRC22F-01, RRC22F-02 RRF21, RRF31	2
	Hexagon shank ISO round collar 17.3 mm	RRC34B-01, RRC65B-01, RRC75B-01	3
	Round shank ISO, with splines 17.3 mm	RRD37, RRD57	3
	Hexagon shank ISO without round collar 17.3 mm	RRC34-01, RRC65-01, RRC75-01	4
	Round shank ISO, without collar 17.3 mm	RRC34-02, RRC65-02, RRC75-02	4
	Special shank	RVM07B	5

1A. Chisels with square shank 13.0 mm

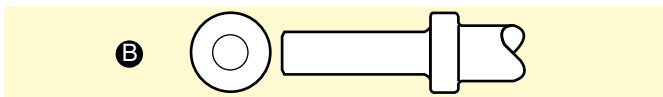
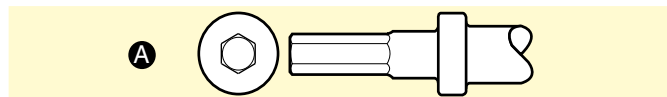
1B. Chisels with square shank ISO 12.7 mm



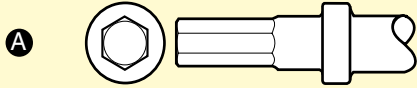
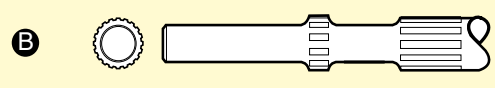
Chisel type	Designation	Width		Length		A	B
		mm	in	mm	in	Square 13 mm (1/2") Ordering No.	ISO Extended square 12.7 mm (1/2") Ordering No.
	Chisel blank	15	0.59	155	6.1	3085 0020 00	3085 0228 02
		15	0.59	200	7.9	3085 0020 01	
		15	0.59	300	11.8	3085 0020 02	
	Flat chisel	15	0.59	165	6.1	3085 0227 00	3085 0230 01
		15	0.59	200	7.9	3085 0227 01	
	Wide flat chisel	35	1.38	165	6.5	3085 0032 00	3085 0232 01
		35	1.38	200	7.9	3085 0032 01	
		35	1.38	300	11.8	3085 0032 02	
		55	2.17	165	6.5	3085 0332 00	
	Angle scraper chisel	35	1.38	165	6.5	3085 0176 00	3085 0362 00
		35	1.38	200	7.9	3085 0176 01	
		55	2.17	165	6.5	3085 0333 00	
	Scaling chisel	15	0.59	155	6.1	3085 0018 00	3085 0229 01
		15	0.59	200	7.9	3085 0018 02	
		15	0.59	300	11.8	3085 0018 01	

2A. Chisels with hexagon shank ISO, round collar 12.7 mm

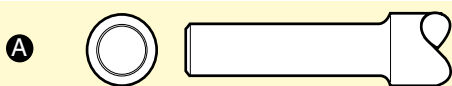
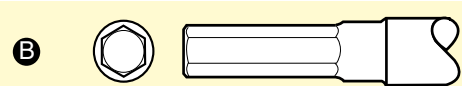
2B. Chisels with round shank ISO, round collar 12.7 mm



Chisel type	Designation	Width		Length		A	B
		mm	in	mm	in	Hex ISO 12.7 mm (1/2") Ordering No.	Round ISO 12.7 mm (1/2") Ordering No.
	Chisel blank	13	0.51	200	7.9	3085 0182 00	
		13	0.51	350	13.8	3085 0182 01	
		13	0.51	400	15.7	3085 0182 04	
		13	0.51	500	19.7	3085 0182 05	
	Flat chisel	13	0.51	200	7.9	3085 0183 00	3085 0184 00
		35	1.38	300	11.8	3085 0376 00	
	Sharp chisel	15	0.59	200	7.9	3085 0170 00	
		15	0.59	300	11.8	3085 0170 01	
	Spot weld chisel	17	0.69	200	7.9	3085 0301 00	
	Angle scraper chisel	30	1.18	200	7.9	3085 0262 00	
	Pipe cutting chisel	20	0.78	200	7.9	3085 0302 00	
		35	1.38	200	7.9	3085 0303 00	
	Plate cutting chisel	14.5	0.57	200	7.9	3085 0263 00	
	Plate cutting chisel	16	0.62	200	7.9	3085 0173 00	
	Moil point chisel	13	0.51	200	7.9	3085 0297 00	
		13	0.51	305	12.0	3085 0297 01	

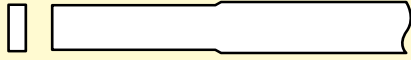
3A. Chisels with hexagon shank ISO, round collar 17.3 mm

3B. Chisels with round ISO shank with splines 17.3 mm


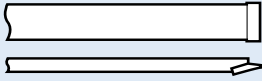

Chisel type	Designation	Width		Length		Hex ISO 17.3 mm (0.68") Ordering No.	Width		Length		Round ISO with splines 17.3 mm (0.68") Ordering No.
		mm	in	mm	in		mm	in	mm	in	
	Chisel blank	22	0.86	335	13.1	3085 0220 00	22	0.86	250	9.8	3085 0242 00
		22	0.86	560	22.0	3085 0220 01	22	0.86	340	13.4	3085 0242 01
		22	0.86	1060	41.7	3085 0220 02	22	0.86	550	21.7	3085 0242 02
		22	0.86				22	0.86	800	31.5	3085 0242 03
		22	0.86				22	0.86	1200	47.2	3085 0242 04
	Flat chisel	22	0.86	200	10.2	3085 0221 00	22	0.86	215	8.5	3085 0236 00
		22	0.86	335	13.1	3085 0221 01	22	0.86	250	9.8	3085 0236 01
		22	0.86	560	41.9	3085 0221 02	22	0.86	340	13.4	3085 0236 02
		22	0.86				22	0.86	550	21.7	3085 0236 03
	Flat chisel	32	1.26	335	13.1	3085 0989 00	32	1.26	340	13.4	3085 0252 00
	Wide flat chisel	50	1.97	335	13.1	3085 0235 00	50	1.97	340	13.4	3085 0250 00
	Extra wide flat chisel	130	5.12	400	15.7	3085 0342 00	130	5.12	400	15.7	3085 0998 00
	Angle scraper chisel	50	1.97	335	13.1	3085 0349 00	50	1.97	335	13.2	3085 0350 00
	Moil point chisel	22	0.86	335	13.1	3085 0223 00	22	0.86	340	13.4	3085 0249 00
		22	0.86	560	15.7	3085 0223 01					
	Shank rod for roughing head	-	-	180	7.1	3085 0257 00	-	-	195	7.7	3085 0254 00
	Roughing head for shank rod (tungsten carbide)	39	1.53	-	-	3085 0255 00	39	1.53	-	-	3085 0255 00
	Roughing head for shank rod	40	1.57	-	-	3085 0253 00	40	1.57	-	-	3085 0253 00

4A. Chisels with ISO shank without collar, round

4B. Chisels with ISO shank without collar, hexagon


Chisel type	Designation	Width		Length		Round 17.3 mm (0.68") ISO Ordering No.	Hexagon 17.3 mm (0.68") ISO Ordering No.
		mm	in	mm	in		
	Chisel blank	23	0.91	200	7.9	3085 0150 00	3085 0140 00
		23	0.91	560	22.0		
	Flat chisel	23	0.91	225	8.9	3085 0225 00	3085 0224 00

5. Chisels with special shank



Chisel type	Designation	Material	Width		Length		Ordering No.
			mm	in	mm	in	
	Flat chisel	Tungsten carbide	10	0.39	120	4.7	3085 0321 00
		Through hardened steel	10	0.39	120	4.7	3085 0325 00
		Tungsten carbide	10	0.39	200	7.9	3085 0321 01
		Tungsten carbide	10	0.39	300	11.8	3085 0321 02
		Tungsten carbide	20	0.79	120	4.7	3085 0345 00
		Through hardened steel	20	0.79	120	4.9	3085 0346 00
	Wide chisel	Tungsten carbide	35	1.38	120	4.7	3085 0322 00
		Through hardened steel	35	1.38	120	4.7	3085 0327 00

RAMMERS

The Atlas Copco dependable and simple floor and bench rammers are intended for ramming of casting sand in cylinders, core boxes, large moulds and casting pits, or for stamping work, for instance with filling sand, and stamping of refractory furnace linings.



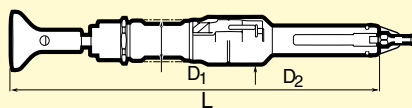
Model	Blows Hz	Piston dia		Stroke		Length mm	Weight		Air consumption		Hose size		Air inlet thread BSP	Ordering No.
		mm	in	mm	in		kg	lb	l/s	cfm	mm	in		
Rammers														
RAM06	20	20/10	0.8/0.5	84	3.3	415	2.5	5.5	3.0	6.4	6.3	1/4	1/4	8467 0105 29*
RAM12	11	27	1.1	102	4.0	457	4.2	9.3	6.0	12.7	12.5	1/2	1/4	8467 0106 51*
RAM20A	12	34	1.3	203	8.0	1315	10.9	24.0	10.5	22.2	12.5	1/2	special	8467 0108 18*

* Available directly from stock.

DIMENSIONS (mm)

Model	L	D ₁	D ₂	D ₃
RAM06	415	39	48	—
RAM12	480	51	51	—
RAM20A	1315	57	70	32

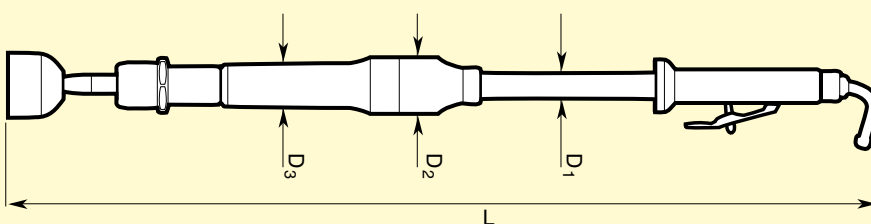
RAM06/12



ACCESSORIES INCLUDED

- RAM06** Cast iron butt, 60 mm dia, hose nipple
- RAM12** Rubber butt, 73 mm dia, hose nipple
- RAM20A** Cast iron butt, 75 mm dia, hose attachment

RAM20A



OPTIONAL ACCESSORIES

Model	Ordering No.	
RAM06	Rubber peen, 18x50 mm	3086 0006 00
	Rubber peen, 60 mm dia	3086 0009 00
RAM12	Rubber peen, 19x61 mm	3512 0216 00
	RAM20A	
	Rubber peen, 75 mm	3086 0013 00