



**Components for HAL[®] -Hook and Line kits
of Allen-Vanguard Ltd.**

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Movement

Reel



A free-standing reel suitable for storing and deploying up to 120m of 5.5mm diameter line. The steel reel is fitted with a rewind handle and an adjustable, fully floating clutch to control the run-out rate. Supplied without line.

Reel diameter - 300mm. Overall height - 360mm.

Mod.	S-No.:	Art-No.:
HAL2/02	1003367	170138

Main Line



A strong line with a Kevlar core and polyester over braid, 5.5mm diameter, with a minimum breaking strength of 750kg and a stretch of less than 1 % under a 300kg load. Available in standard lengths of 100m and 120m and in white or black to aid recognition when two or more lines are used together. Each line is terminated with a splice and snap hook with a breaking strength 33kg.

All lines are supplied on a cardboard storage reel.

Color	Length	Mod.	S-No.:	Art-No.:
white	120 m	HAL 2/03	1003595	170139
black	120 m	HAL 2/04	1002596	170295

Large Reel



A free-standing reel suitable for storing and deploying up to 150 m of a10 mm line. The steel reel is fitted with a rewind handle and an adjustable, fully floating clutch to control the run-out rate. Supplied without line.

Mod.	S-No.:	Art-No.:
	1000728	170719

Heavy Duty line



The 150m (164yd), 10mm (0.39in) diameter, main line has an Aramid core and a polyester protective over-braid. It is white with red flecks and is terminated with a stainless steel thimble eye at each end for connection to a shackle. Breaking load: 2.650 kg

Mod.	S-No.:	Art-No.:
	10001181	170720

Hand-held reel



Hand-held reel is designed specifically for deploying and winding using a 4.5mm diameter line. The compact design enables the line to be stored easily in the backpack with the risk of tangling

Size: 300 mm x 360 mm x 190 mm

Mod.	S-No.:	Art-No.:
	40003836	170115

Main line, light



The 120m, 4.5mm diameter, low-stretch main line has an Aramid core and polyester protective over braid. The line is terminated with a stainless steel snap-shackle

Mod.	S-No.:	Art-No.:
	1063004	170287

Secondary Line



A 10 m, 5,5 mm dia. low-stretch secondary line with a Kevlar™ core and polyester protective over braid. The line is terminated with a stainless steel snap-shackle

Mod.	S-No.:	Art-No.:
	0090023	170727

Line Puller



A T-bar style pulling handle sized for 3 to 6mm (0.1 to 0.2in) and 4 to 8mm (0.2 to 0.3in) diameter line, the handle also incorporates a piton holder.

Weight: 335 g

Mod.	S-No.:	Art-No.:
HAL08	1003364	170144

EOD-Sledge



A sledge for maneuvering small cases and packages around obstacles and over rough ground. Suspect packages can be drawn on to the sledge by passing a line through the aperture in the front of the sledge. Folds flat for transport and storage. Semi flexible in tough nylon Cordura

Weight: 1,4 kg
Dimension, operational: 580 mm
folded: 920 mm x 330 mm x 10 mm

Mod.	S-No.:	Art-No.:
HAL4/09	0110201	170234

Attachment and Anchoring

Stopper



Stoppers are standard items of mountaineering equipment and can be used to provide anchor points in opportune cracks or openings (e.g. between door jamb and door).

Max. Load: 500 kg

Size (mm)	Mod.	S-No.:	Art-No.:
240 x 35 x 29	HAL75	1000758	170677

Screw Eye



The steel screw eye has a sharp point and an aggressive thread form. The head is in an eye form for gripping during hand insertion and for use as an anchor point

Mod.	S-No.:	Art-No.:
HAL4/48	0110055	170250

Self-Adhesive anchor



A small square aluminum pad with a hard eye and adhesive backing. 8 holes are provided in the base for use of a screw or other, more permanent, fastener when required

Mod.	S-No.:	Art-No.:
HAL4/431	1003653	170241

Lightweight Spring Grip



The spring-loaded grip is made from a composite material with a steel spring. It is fitted with a wire cable and eye for line attachment

Length: 100 mm, Wire cable: 400 mm, Weight: 50 g.

Mod.	S-No.:	Art-No.:
HAL4/30	1100335	170217

Seizers



Lightweight seizers for gripping thin flexible materials. The serrated jaws and jaw locking mechanism ensure a secure grip. Super lightweight minimizes disturbance. Used typically for attaching a line to plastic bags

Size	Mod.	S-No.:	Art-No.:
150 mm	HAL2/24	1000715	170137
160 mm		1003611	170216

Allen Grip



A crocodile grip for seizing the edges of heavy sheet materials such as carpets and tarpaulins. A unique cantilever design transmits tension in the line to the jaws to increase the gripping force during use. The toothed grip bars can be rotated to maximize the effective gripping area. Can be used on material up to approximately 50mm thick. Manufactured in steel. Overall length is 220mm. 90 kg breaking strength.

Mod.	S-No.:	Art-No.:
HAL2/17	1003614	170218

Modular Clamp



The clamp can be attached to stationary objects to provide an anchor point for other kit components, or secured directly to an item for remote retrieval. The interchangeable tips provide a range of options for use as required by the target surface.

Description.	Mod.	S-No.:	Art-No.:
Mod. Clamp		1003370	170071
Wide Pad		1003371	170072
Serrated Pad		1003373	170102
Needle Pad		1003372	170101

Sliding Bar Clamp



A sliding bar clamp that provides convenient anchor points at door and window frames. Both jaws of the clamp can be positioned at any point along the bar to accommodate any edge thickness.

Guide bar: 330 mm, max. Clamping width: 205 mm
Claw depth: 50 mm,
Weight: 700 g

Mod.	S-No.:	Art-No.:
	1003330	170066

Multi-Purpose Clamp



The unique triple-prong design and gripping function of this versatile clamp make it easy to attach to a variety of handles (spherical, cylindrical or lever type) and other fixtures.

Mod.	S-No.:	Art-No.:
	0192044	170714

Key Turner



The Key Turner is a rotatable clamp specially designed to firmly hold keys in locks and enable them to be smoothly turned through up to approx. 180°.

Mod.	S-No.:	Art-No.:
	1003415	170124

Suction anchor



The Single Suction Anchor provides an anchor point on any smooth, hard surface. The eye provides a point of attachment for lines and pulleys. Two Single Suction Anchors can be linked together using a Suction Anchor Bridge which attaches to the attachment ball on the face of the aluminum mounting.

Cup dia.: 120 mm; Weight: 500 g

Mod.	S-No.:	Art-No.:
	1003368	170239

Suction Cup Bridge



The suction cup bridge has been designed to join the 2 single suction pads together to make a double suction pad. The bridge contains a sprung loaded mechanism to ease fitment. The eye provides a point of attachment for lines and pulleys

Size	Mod.	S-No.:	Art-No.:
65	Small	1003368	170059
95	Medium	1003369	170060
255	Large	1003442	170061

D-Shackle



The small screw-pin stainless steel D-shaped shackle is ideal for use in confined spaces.

Mod.	S-No.:	Art-No.:
HAL429	054165	170307

Karabiners



A strong flexible link for attaching snatch blocks to anchor points, for example. The smooth round cross section also allows a line to pass freely enabling the Karabiner to be used in place of a snatch block. Two sizes are available

Gate	Mod.	S-No.:	Art-No.:
20 mm		1003655	170230
22 mm		1003658	170231

Large Shackle



The screw-pin stainless steel D shackle enables the line or slings to be easily attached to hooks and other anchor points.

Mod.	S-No.:	Art-No.:
	1000374	170738

Pitons



Pitons can be driven into crevices in walls and floors to provide anchor points for snatch blocks or Karabiner. Manufactured in chrome molybdenum

Size: 120 mm x 75 mm x 25 mm
Weight: 95 g

Mod.	S-No.:	Art-No.:
	1000707	170308

Large Wedge



The Large Wedge with Eyes is intended as a robust soft terrain anchor point.

Size: 250 mm x 40 mm x 50 mm
Weight: 300 g

Mod.	S-No.:	Art-No.:
	1003358	170084

Ground Anchor



There are 3 sizes of straight, angle-section stakes manufactured from galvanized steel with an eye for line attachment. They are suitable for providing anchor points in soft or firm ground.

Size	Mod.	S-No.:	Art-No.:
300 mm	HAL3/09	0059001	170235
500 mm	HAL3/10	0059002	170236
1.000 mm	HAL3/11	0059003	170237

Door Wedge, 3-functions

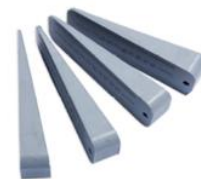


The 3-function door stop is T-shaped with non-skid pads and is of plastic Lexan™ construction with a metal eye incorporated to provide an anchor point.

Size 115 mm x 60 mm, 100 g

Mod.	S-No.:	Art-No.:
HAL50	1005235	170205

Door Wedge, Rubber



This wedge is manufactured from soft rubber.

Length: 120 mm, Weight: 70 g

Mod.	S-No.:	Art-No.:
HAL4/60	0504167	170253

Door Hinge Anchor



This item is placed over door hinges and locked in position - using the screw adjusters - in order to provide a secure anchor point.

Mod.	S-No.:	Art-No.:
	0110088	170718

Door Bracing bar



The Extension Bar Anchor is designed to provide a secure anchor point across open areas such as doorways. The Extension Bar Anchor (alone) spans areas 710mm to 1270mm. Attach the extension pole to span distances from 1270mm to 1830mm. T

Mod.	S-No.:	Art-No.:
	1003341	170062

Doorway Anchor Bar



A bar braces to provide anchor points at doors and windows for hook and line operations. Fitted with a simple locking mechanism, that enables it to be set up in seconds, and eyes for attaching snatch blocks or other fittings. Telescopic range 700 mm-1.100 mm.

Mod.	S-No.:	Art-No.:
HAL 4/42	0110091	170242

Window Breaker



The Window Breaker is a spring operated device which may be used fitted to a single suction pad anchor or a Self-Adhesive anchor Pad, which when attached to a standard vehicle window and operated

Mod.	S-No.:	Art-No.:
	1003413	170121

Handbreak Release



The Hand Brake Release is specifically designed to release the push button, ratcheted hand brakes on most vehicles.

Mod.	S-No.:	Art-No.:
	1003403	170123

Push Button Activator



The Push Button Actuator is designed to allow vehicle doors with push button type releases to be operated and opened in a single pull. The actuator may be mounted on the vehicle door utilizing either Clamps C5 or C7

Mod.	S-No.:	Art-No.:
	1003440	170125

Spring Clamp C5/C7



Clamps C5/C7 is a spring-loaded clamp with dual sharpened pincer jaws which facilitate attachment to virtually any vehicle door handle. A screw lock (long) can be positioned in the threaded bore (A) to prevent the clamp from accidentally opening during operation.

Mod.	S-No.:	Art-No.:
C5	1003450	170126
C7	1003460	170127

Clamp screw, long



The Clamp Screw Long are used to ensure the security of grip of Clamps C5 and C7. The screws are threaded through the holes on one handle of the clamp and impinge on the inner side of the other handle forcing the jaws closed.

Mod.	S-No.:	Art-No.:
	1004017	170278

Clamp Screw, short



The Clamp Screw Short is used to attach suitable accessories e.g. Push Button Actuator to Spring Clamps C5 and C7

Mod.	S-No.:	Art-No.:
	1004045	170279

Hood Release Hook Set



The Hood Release Hook Set is specifically designed to allow easy and secure attachment of pull or securing lines around modern hood release catches...

Mod.	S-No.:	Art-No.:
	1003414	170100

Remote Door Opener



The Remote Door Opener mechanism mounts on the Doorway Anchor bar and the position on the bar can be adjusted for maximum efficiency using the 2 clamps located on the underside.

Mod.	S-No.:	Art-No.:
HAL83	0209042	170017

Engine Compartment Tool



This tool is designed to provide sufficient height and leverage to allow vehicle hoods to be opened, using a single line pull from the rear of the vehicle. The tool can be rigged quickly and easily, and is used with an anchor attached to the roof of the vehicle.

Mod.	S-No.:	Art-No.:
	1003745	170120

Belt Slings



PVC coated woven polyester belt, 1400mm x 802mm, fitted with a stainless steel buckle. Forms a self-adjusting loop from 50mm to 400mm diameter. The free end is fitted with a 1500mm length of 256mm webbing with a loop at the end.

Mod.	S-No.:	Art-No.:
HAL05	0110037	170143

Sling, Webbing



The Sling Webbing, made from heavy duty nylon, can be fastened around an object in two different ways. The single D-Ring can be simply threaded through both D-Rings at the other end of the strap for a snare type hold
Max. Load: 350 kg

Size	Mod.	S-No.:	Art-No.:
50 mm x 2,0 m		1003356	170058
50 mm x 1,0 m		1003357	170059

Wire Slings



A range of 2m long galvanized steel wire slings with a soft eye at one end and a rigid eye at the other. Talurit spliced. Breaking strengths (including splicing): 200 kg

Size	Mod.	S-No.:	Art-No.:
3 mm x 1,0 m		1003362	170109
3 mm x 2,0 m		1003363	170110

Rope Slings



The polyester braid covered Loop Rope is a low-stretch main line and has an Aramid core and polyester protective over braid. It provides quick anchor points around bars or poles. Loop Ropes can also be used as primary attachment mechanisms

Size	Mod.	S-No.:	Art-No.:
5,5 mm x 0,5 m		1003361	170056
5,5 mm x 1,0 m		1003360	170057

Rope Slings



Rope slings are manufactured from pre-stretched polyester rope. They have 35mm soft eyes at both ends secured with crimped aluminum splices
Max. load : 250 kg

Length	S-No.:	Art-No.:
2,0 m x 3 mm	0039043	170220

Round Slings



The round sling is a MMF, or synthetic, sling. It is manufactured from 100% polyester yarn, wound together to form a continuous loop, and the inner load-bearing core yarns are protected by a polyester non-load bearing tubular wear sleeve or cover.

Circumf.	Mod.	S-No.:	Art-No.:
1,0 m	HAL3/06	1000731	170723
2,0 m	HAL3/07	1000732	170724
4,0 m	HAL3/08	1000733	170725

Shock Cord



An elastic rope ("bungee") fitted with steel hooks at each end. Used, typically, to spring open and retain vehicle and building doors after the catches are released.

Size	Mod.	S-No.:	Art-No.:
10 mm x 0,5 m		1003659	170206
10 mm x 1,0 m		0039047	170055

Webbing Sling, HD



The webbing sling is a Man-Made Fiber (MMF), or synthetic, sling. It is made from double thickness woven polyester and is terminated with a soft eye loop at each end.

Mod.	Dimensions	S-No.:	Art-No.:
HAL3/04	2,0 m x 50 mm	1000729	170721
HAL3/05	6,0 m x 50 mm	100730	170722

Manipulation and Handling

Self-opening Snatch Block



A snatch block with an automatic release mechanism that frees the line at a predetermined point. To be used to change the direction of the line. As the line is pulled through the snatch block a splitter ball, forces the hinged side plate open to release the line. Fitted with a swivel snap shackle for attaching to an anchor point.

Max. Load: 100 kg
Max. Line dia.: 5,5 mm
Size:: 195 mm x 50 mm x 35 mm

Mod.	S-No.:	Art-No.:
HAL4/66	1003640	170232

Splitter Ball



The ball is a plastic and metal device that attaches to the 5.5mm diameter main line at any chosen point and opens the cheek-plate on the pulley (HAL4/66). The splitter ball can be clamped to the line at any point. The 2 halves are joined by a factory-set screw that must not be adjusted by the user.

Weight: 25 g.

Mod.	S-No.:	Art-No.:
HAL4/67	10110020	170233

Line Branch



An eye that can be clamped securely on to a line at any point to provide a fixing point for a second line, for example

Line Dia.: 5,5 mm
Dimensions: 20 mm x 25 mm x 75 mm
Weight: 65g

Mod.	S-No.:	Art-No.:
4/73	1003322	170086

Snatch Block, One-way Lock



The pulley has a side-loading capability and incorporates a one-way lock (jamming cleat) for the line. The lock mechanism can be fixed in 4 angular positions.

Max. Load: 40 Kg

Mod.	S-No.:	Art-No.:
HAL4/69	1003322	170311

Heavy Duty Snatch Block



The heavy duty pulley is manufactured from aluminum and synthetic rubber cheeks. The head has a swivel snap shackle for anchor point attachment and a spring-loaded latch gate which, when closed, automatically locks the line into the pulley. Max. load 4.310 kg

Mod.	S-No.:	Art-No.:
	10007354	170727

Hook, 120 mm



The tempered steel, single tang, plain tip J-hook has a large opening which allows it to be attached easily to a vehicle or other large object. The fixed eye is designed to accept the large shackle...

Mod.	S-No.:	Art-No.:
	10001182	170728

Snatchblock Pulley, Standard



A block with a spring loaded latch that is designed to give maximum opening for ropes and closes smoothly and positively to lock the line in place. Manufactured in stainless steel with glass reinforced nylon cheeks. Fitted with a swivel eye for attaching to an anchor point. For use with 5.5mm line. Used in lifting operations or for changing the direction of the line.

Max. lifting load: 1.350 kg.

Dimensions: 140 mm x 55 mm x 35 mm

Mod.: HAL 07 Art.-No.: 170140

Extended Reach

HD Telescopic Pole



The rugged Fiberglass Telescopic Pole provides from 1.07m (42in) to 3.43m (135in) standoff from a suspect package. The pole is fitted with a female mating end for integration primarily with the Hook Holder...

Mod.	S-No.:	Art-No.:
	1003339	170107

Collapsible Pole



This Collapsible Pole snaps together like a tent pole and extends to a length of 129" (3.28m) to provide standoff during remote search and retrieval operations

Mod.	S-No.:	Art-No.:
	1003337	170114

Hook, single plain



One piece design stainless steel Single Hooks are provided in two sizes: 25mm and 50mm ID hook sizes indicated are nominal. Single Hooks are intended for use with the Hook Holder or Hook Setter and a Telescopic Pole.

Größe	S-No.:	Art-No.:
	1003308	170078
	1003309	170079

Hook, Double, plain



Double Hooks are also a single piece design. Each hook features a 25mm ID. Double Hooks are intended for use with the Hook Holder or Hook Setter and a Telescopic Pole.

Mod.	S-No.:	Art-No.:
	1003310	170314

Hook, Springgate



The Stainless Steel Self-Locking Hook features a flexible hasp that is fixed to the hook base and extends to the inside tip of the hook. This flexible hasp bends inwards to allow the hook to be pushed around a protrusion.

Mod.	S-No.:	Art-No.:
	1003311	170064

S-Hook



The Stainless Steel S Hook is intended for use with the Hook Holder and Telescopic Pole. The S-Hook features two 50mm (2.0in) openings.

Mod.	S-No.:	Art-No.:
	1003315	170067

Hook, SL



The reduced opening in this stainless steel hook helps maintain the hold on an object. This hook is intended for use with the Hook Setter to capture target packages in situations where the hasp of the Self-Locking Hook would exert too much force when being placed around an object.

Mod.	S-No.:	Art-No.:
	1003314	170065

Hook Setter



The Hook Setter allows the remote deployment and secure attachment of a hook component to a suspect package

Mod.	S-No.:	Art-No.:
	1003316	170090

Hook Holder



The Hook Holder allows the secure attachment of any one of the hooks (except the Self-Locking Hook) to one of the Telescoping Poles.

Mod.	S-No.:	Art-No.:
	1003319	170104

Miscellaneous

EOD Tool kit with pouch



The Manual Entry Kit is a small kit of ready-use tools designed to assist when conducting hand entry into suspect packages or devices.

Mod.	S-No.:	Art-No.:
	1000752	170299

Pocket tool kit



A stainless steel, precision engineered tool set in a pocket knife style package, 100mm long and weighing only 140g.

The set contains a full size pair of pliers with flat serrated point jaws, open coarse grips and wire cutters, a knife, 190mm rule, can/bottle opener, large, medium and small flat blade screwdrivers, a Phillips screwdriver, file and spike.

Mod.: HAL 4/11 Art.-No.: 170252

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Techn. Änderungen vorbehalten