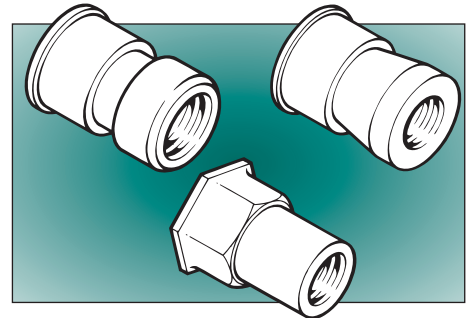


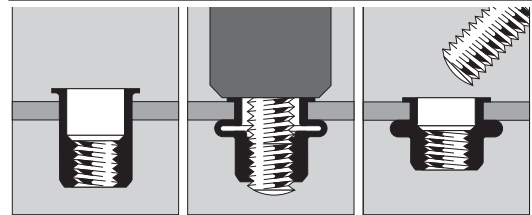
The extensive range of Avdel Threaded Inserts provides the user with wide capabilities in manufacturing. Designed to be placed into thin sheet materials, Avdel Threaded Inserts are made from carbon steel and zinc plated with a passivated finish. Each insert features a deep and vibration resistant load-bearing thread. Once installed, the thread is immediately ready to accept screw or bolt. A number of features are common to each insert within the range. These include:-

- Only pre-drilled or punched holes required.
- Fast one-sided application.
- Suitable for sheet materials of varying thicknesses and in square or round tubing.
- Wide grip range.
- Hard steel load-bearing thread.
- Thread cleared on placing.
- Ready to accept screw or bolt.
- Ideal for use in painted surfaces.
- Avoids re-work and wastage.
- Steel, stainless steel, and zinc passivated.
- Wide choice of inserts.
- Choice of high speed placing equipment.
- Closed end versions are available for applications with particular requirements.



Nutserts

PLACING SEQUENCE



074200/12000 HYDRO PNEUMATIC THREADED INSERT TOOL

Specifications;	
Weight	2.2kg (4.4lb)
Pull force (@ 5.5 bar)	19.1kN (4300lbf)
Stroke (min)	7.0mm (0.276")
Motor speed (spin on/spin off)	2000 rpm

Placing capability;	
All steel threaded inserts	up to M10
All stainless steel threaded inserts	up to M10
All aluminium threaded inserts	up to M10

- NB:
- A comprehensive range of inserts are available, please call for details.

07486/09601 NUTSERT HAND TOOL KIT

Supplied with nose tips ranging from M3 to M6

07486/09602 NUTSERT HAND TOOL KIT

Supplied with nose tips ranging from M4 to M8



nGenesis® Power Tool Range



High speed, cost effective assembly is achieved with the extensive range of Avdel hydro pneumatic power tools. There is a choice of tool to meet every assembly requirement. One tool may install several types of fastener, simply by changing the nose equipment. Where access is difficult or awkward, special nose equipment is available. A common feature with all of the equipment is the ability to bring the tools to the work station or assembly line. No special operator training is required, as all the skill is in the tool. In addition a variety of hand tools are available if required. Our Romsey branch is an **officially appointed tool repair service centre for Avdel UK Limited** and fully trained personnel are always available to offer advice on the wide range of tooling available.

Features:

- Lightweight tool
- Toughened plastic body & heavy duty rubber base
- Quick release nose assembly & stem collector
- Vacuum air supply shut-off on trigger
- Enhanced tool life
- Soft touch rubber grip on handle

Benefits:

- Reduced operator fatigue
- Rapid placement speed
- Robust tool
- Reduced setting times & change of equipment
- Minimized air consumption
- Reduced time to empty stem collector
- Place a wide range of fasteners
- Ergonomic design

NOTE - Nose pieces are **NOT SUPPLIED** as standard with each tool due to the wide variety available. It is advisable to seek advice by contacting our Romsey branch on 01794 525870 with specific application details.

Avdel: Tooling

Power Tool Placing Matrix

BRAND	MATERIAL	nG1	nG2	nG3	nG4	722
Avex®	Aluminium Alloy	3.2 - 4.0	3.2 - 4.8	3.2 - 6.4	4.8 - 6.4	-
Avex®	Carbon Steel	-	4.0 - 4.8	4.0 - 4.8	4.8	-
Avex® SR	Aluminium Alloy	3.2 - 4.0	3.2 - 4.0	3.2 - 6.4	4.8 - 6.4	-
Avinox®	Stainless Steel	3.2	3.2 - 4.8	3.2 - 4.8	4.8	-
Bulbex®	Aluminium Alloy	4.0	4.0 - 4.8	4.0 - 4.8	4.8	-
T-Lok®	Carbon Steel	4.3	4.3 - 4.8	4.3 - 4.8	4.3 - 4.8	-
Hemlok®	Carbon Steel	-	-	-	6.4	-
Monobolt®	Aluminium Alloy	4.8 - 6.4	4.8	4.8 - 6.4	-	-
Monobolt®	Carbon Steel	4.8 - 6.4	4.8	4.8 - 6.4	-	9.6
Monobolt®	Stainless Steel	4.8 - 6.4	4.8	4.8 - 6.4	-	9.6
Avdelok®	Carbon Steel	-	-	-	-	4.8 - 9.6
Maxlok®	Carbon Steel	-	-	-	-	4.8 - 6.4
Avtainer®	Carbon Steel	-	-	-	10.0	-

All sizes are in millimetres.

NB: All tools shown are capable of placing multiple products due to the wide variety & flexibility of the nose equipment.

It is advisable to seek advice by contacting our Romsey branch on 01794 525870 with specific application details.

FASTENERS, ADHESIVES & SEALANTS

071203/02000 nGenesis® nG1 HYDRO PNEUMATIC TOOL

Specifications;	
Weight (no nose equip)	1.5kg (3.31lb)
Weight (with nose equip)	1.7kg (3.75lb)
Pull force (@ 5.5 bar)	6.0kN (1350lbf)
Stroke (min)	14mm (0.55")
Cycle time (aprox.)	0.9 sec.
Air supply pressure	5 - 7 bar (80 - 100psi)
Free flow volume @ 5 bar	1.2 litres
Noise level	<75dB(A)
Vibration	<2.5m/s ²

Placing capability;	
Aluminium breakstem	up to Ø4.8mm (3/16")
Steel breakstem	up to Ø4.0mm (5/32")



071213/02000 nGenesis® nG2 HYDRO PNEUMATIC TOOL

Specifications;	
Weight (no nose equip)	1.98kg (4.371lb)
Weight (with nose equip)	2.12kg (4.67lb)
Pull force (@ 5.5 bar)	9.34kN (2100lbf)
Stroke (min)	17mm (0.67")
Cycle time (aprox.)	0.8 sec.
Air supply pressure	5 - 7 bar (80 - 100psi)
Free flow volume @ 5 bar	2.1 litres
Noise level	<75dB(A)
Vibration	<2.5m/s ²

Placing capability;	
Aluminium breakstem	up to Ø4.8mm (3/16")



071223/02000 nGenesis® nG3 HYDRO PNEUMATIC TOOL

Specifications;	
Weight (no nose equip)	2.22kg (4.891lb)
Weight (with nose equip)	2.30kg (5.07lb)
Pull force (@ 5.5 bar)	12.9kN (2900lbf)
Stroke (min)	26mm (1.02")
Cycle time (aprox.)	1.2 sec.
Air supply pressure	5 - 7 bar (80 - 100psi)
Free flow volume @ 5 bar	4.3 litres
Noise level	<75dB(A)
Vibration	<2.5m/s ²

Placing capability;	
All breakstem (excl Hemlok®)	up to Ø6.4mm (1/4")



071234/02000 nGenesis® nG4 HYDRO PNEUMATIC TOOL

Specifications;	
Weight (no nose equip)	2.28kg (5.03lb)
Weight (with nose equip)	2.36kg (5.20lb)
Pull force (@ 5.5 bar)	18.68kN (4200lbf)
Stroke (min)	17mm (0.67")
Cycle time (aprox.)	1.2 sec.
Air supply pressure	5 - 7 bar (80 - 100psi)
Free flow volume @ 5 bar	4.3 litres
Noise level	<75dB(A)
Vibration	<2.5m/s ²

Placing capability;	
All breakstem (excl Monobolt®)	up to Ø6.4mm (1/4")
Avtainer® lockbolts	up to Ø9.5mm (3/8")
Avdelok® lockbolts	up to Ø4.8mm (3/16")
Maxlok® lockbolts	up to Ø6.4mm (1/4")
Hemlok® structural rivets	up to Ø6.4mm (1/4")





07220/00100 HEAVY DUTY HYDRO PNEUMATIC TOOL

Specifications;

Weight (no nose equip)	5.0kg (11lb)
Pull force (@ 5.5 bar)	26.7kN (6000lbf)
Stroke (min)	19mm (0.75")
Cycle time (aprox.)	3.0 sec.
Air supply pressure	5 - 7 bar (80 - 100psi)
Free flow volume @ 5 bar	14.6 litres
Noise level	<75dB(A)

Placing capability;

Avdelok® structural lockbolts	up to Ø9.6mm (3/8")
Steel Monobolts®	up to Ø9.6mm (3/8")

NB:

- Preferred installation tool for Monobolt® & Avdelok®
- Heavy duty cast aluminium body



07540/0002 Long Handled Hand Tool

Placing capability;

Avex® breakstem fasteners	all sizes
Avex® SR breakstem fasteners	all sizes
Bulbex® breakstem fasteners	all sizes
Avinox® breakstem fasteners	all sizes
T-Lok® breakstem fasteners	all sizes
Monobolt® breakstem fasteners	up to Ø6.35 (1/4")
Hemlok® breakstem fasteners	up to Ø6.35 (1/4")