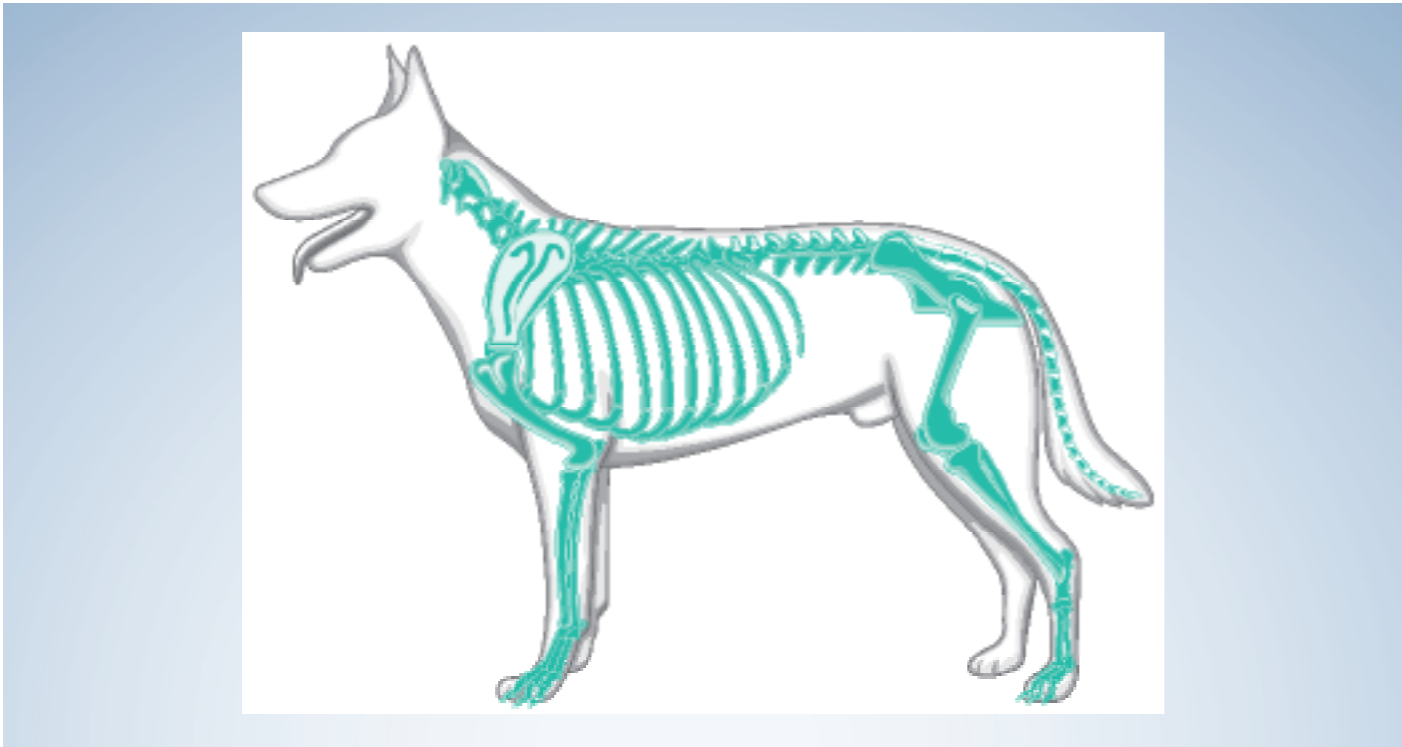


ORTHOPAEDICS AND FRACTURE TREATMENT



CONTENTS

INTRODUCTION



HIGH QUALITY SYSTEMS WITH A FOCUS ON PROCESS AND SUPPORT

Cruciate ligament ruptures, fractures or various joint diseases are only some of the challenges in orthopedics and traumatology. Depending on your preferred technique or required intervention, we manufacture high quality implants and systems such as TTA, TPLO, interlocking nails, Polyaxial Locking Plates, DCP Plates and of course the Power systems required to support such surgeries.

Section 6 Orthopedics and Fracture Treatment

Battery Power Systems	■
■ Acculan® 3Ti	■
■ Acculan® 4	■
■ Acculan® TPLO Saw	■
Surgical Implants	■
■ Aesculap® TTA	■
■ Aesculap® Polyaxial Locking System	■
■ Aesculap® DCP Plates	■
Bone Harvesting	■
■ Autogenous Bone Augmentation	■

ACCULAN® 3Ti DRILL

INTELLIGENT AND FUNCTIONAL



- Legend:**
- (1) Drill attachment with quick-action chuck adapter
 - (2) Drill attachment with Jacobs chuck
 - (3) Reamer attachment with quick-action chuck adapter
 - (4) Kirschner wire attachment
 - (5) Rotating sleeve
 - (6) Drill and reamer motor
 - (7) Button for counterclockwise rotation
 - (8) Rotational speed control button
 - (9) Safety catch
 - (10) Locking pin
 - (11) Cover
 - (12) Cover release button
 - (13) Battery
 - (14) Sterile funnel
 - (15) Kirschner wire protection sleeve
 - (16) Coding
 - (17) Adapter (for Kirschner wire protection sleeve and rinsing adapter)
 - (18) Battery removal device
 - (19) Drill attachment (for radiolucent angle transmission)
 - (20) Adapter (AO large to DHS/DCS)
 - (21) Sagittal saw attachment

4 Battery Charging Station

- Intuitive, clear indicator elements
- Automatic battery check
- Charge status display
- Electronically controlled charging to avoid memory effect

The Acculan® 3Ti offers:

- The surgeon - reliability, precision and power
- The operating team - ergonomic design for comfort and ease of use

Key Features:

- **Maximum power** - the novel motor and control concept offers the kind of performance previously found only in pneumatic or cable systems. The Acculan® 3Ti delivers consistent power and torque when you need it.

- **Versatile** - with an array of attachments this modular system can be used for most procedures.
- Award winning ergonomic design - the system has an excellent feel with respect to balance and weight.
- Reliability with non-sterile battery concept - the non-sterile batteries last longer and have a higher capacity.
- Automatic battery check - the battery charger automatically checks the condition of the battery after each charging cycle.

Description	Box Size	Article No.
Acculan 3Ti Drill	1	GA672
4 Battery Charging Station	1	GA677
Battery		GA666

ACCULAN® 4 ATTACHMENTS & ACCESSORIES



ATTACHMENTS

A wide range of attachments enable flexible usage of the small drill with common drills, saws, reamers and K-wire attachments.

Easy identification of drill and reamer attachments through color coding of the unlocking sleeve:

- Drilling
- Intramedullary reaming



GB886R



GB871R

CHARGER

Charger with relevant status indicators for charge progress and battery status.

Battery status indicator informs automatically when battery should be replaced to ensure reliable operation of the system.



GA320






OPERATING ELEMENTS

Golden marked operating elements such as unlocking elements for saw blades and attachments.



GA344

	Description	Qty	Article No.
	Reamer attachment large Jacobs chuck (0.5 – 7.4 mm)	1	GB870R
	Intramedullary reamer attachment AO-large	1	GB871R
	Intramedullary reamer attachment Hudson / Zimmer	1	GB872R
	Drill attachment for Synthes radiolucent drive 511.300	1	GB878R
	Drill attachment large Jacobs chuck (0.5 – 7.4 mm)	1	GB881R
	Drill attachment small Jacobs chuck (0.5 – 4.0 mm)	1	GB882R
	Drill attachment AO-small	1	GB884R
	Drill attachment AESCULAP® hexagonal	1	GB886R
	Drill attachment Dental shank	1	GB887R
	Sagittal saw attachment	1	GB891R

	Description	Qty	Article No.
	K-wire attachment (0.6 - 3.2 mm)	1	GB894R
	Acculan 4Ti Drill (Battery not included)	1	GA344
	Charger (w/o power cord)	1	GA320
	Li-Ion battery short (for small drill (GA344))	1	GA346
	Lid	1	GA675

For full product brochures, order below:



Brochure code: 084002



Brochure code: 017599



ACCULAN® 3TI TPLO SAW



TPLO

- Powerful – less vibration
- Developed for the perfect cut
- Ergonomic design and easy handling
- Titanium housing
- Variable speed

Description	Article No.
Acculan TPLO Saw *	GT668
Charger	GA677
Battery	GA666
Sterile funnel	GA678
Replacement Fixing Screw (grub screw)	TA004103
Eccos fixation for Aesculap sterile containers	GB498R

* included in delivery GA666, GA678



- Titanium housing
- Light weight
- Less vibration
- Low heat
- Controlled, reproducible, gentle dissection
- Standard triangular shaft

Description	Size	Article No.
Acculan TPLO Blade	12mm	GC538R
Acculan TPLO Blade	15mm	GC539R
Acculan TPLO Blade	18mm	GC544R
Acculan TPLO Blade	21mm	GC545R
Acculan TPLO Blade	24mm	GC546R
Acculan TPLO Blade	27mm	GC547R
Acculan TPLO Blade	30mm	GC548R

CRUCIATE LIGAMENT SURGERY

SET CONFIGURATIONS AND ACCESSORIES



TTA Kit VC110

After a rupture of the cranial cruciate ligament (RCCL) in dogs or cats, the TTA (Tibial Tuberosity Advancement) and TPLO (Tibial Plateau Leveling Osteotomy) are standard modern surgical procedures. We offer a wide range of instruments, implants and motor systems with the customary Aesculap quality for both techniques.



TTA

- Screws
- Forks or Forkless plates
- Implants
- Instruments
- Complete Kit



TTA Instruments VC112



Description	Box Size	Article No.
TTA Kit	1	VC110
TTA Instruments	1	VC112

A complete range of sizes available to suit individual needs, for specific codes and product information, please contact B. Braun VetCare on 1800 251 705.

OSTEOSYNTHESIS

IMPLANTS, INSTRUMENTS AND SET CONFIGURATIONS

Mini Fragments Kit VB401



For general trauma procedures, B. Braun Aesculap offer a comprehensive range to suit your surgical requirements.

This range includes tapping and non-tapping screws, plates, boring wires, bone binder, pins, cerclage wire, drills, taps, OT instruments and osteosynthesis kits. Our products are:

- Made in Germany by Aesculap
- Reliable
- High quality
- Economical

Small/Large Fragment Kit VB402



Bonebinder

A great alternative to wire cerclage



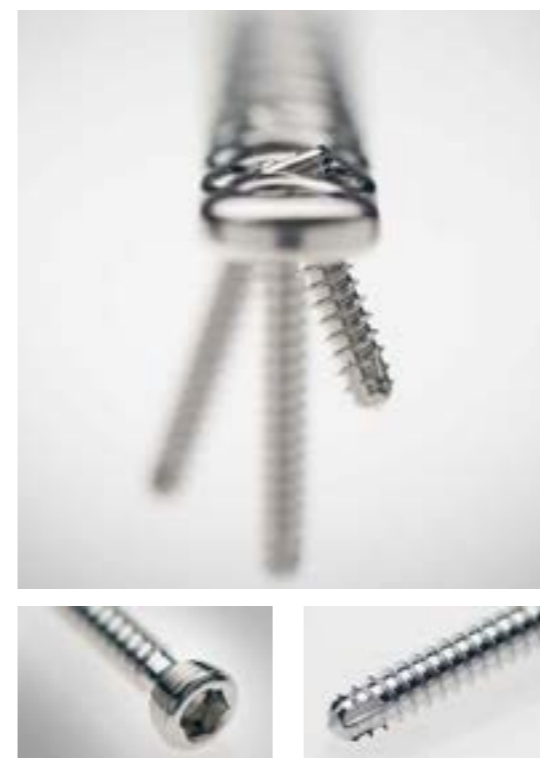
Wires and Cerclage Kit VB403



Description	Sizes	Box Size	Article No.
Osteosynthesis Set - Mini	1.5mm / 2.0mm / 2.4mm	1 ea	VB401
Osteosynthesis Set - Standard	2.7mm / 3.5mm / 3.5mm broad	1 ea	VB402
Osteosynthesis Wiring & Cerclage Kit	n/a	1 ea	VB403
Bonebinder Radiopaque	2.5 mm x 100 mm	5 x 2 pcs (Sterile)	VB302
Bonebinder Radiopaque	3.2 mm x 150 mm	5 x 2 pcs (Sterile)	VB303
Bonebinder Radiopaque	4.6 mm x 200 mm	5 x 2 pcs (Sterile)	VB304

OSTEOSYNTHESIS


LOCKING PLATES




INNOVATIVE LOCKING TECHNOLOGY SIMPLE TO USE

The new design helps the screw to tap gently into bone, and can be locked polyaxially up to 15° in every direction.

- Polyaxial angular stability up to 15° angulation
- High primary stability through implant steel
- Reconstruction plate – easy to bend
- Can be combined with standard screws
- High tightening torque for sufficient stability
- Innovative, self-tapping screw tip
- Not cold welded
- Easy to remove implant
- Reinforced core diameter
- Easy to use polyaxial drilling guides
- Easy to use with only a few specialized instruments

Description	Number of Holes / Length mm			
	VN426S	VN427S	VN428S	VN429S
 Locking plate 2.0 mm Width 6 mm Thickness 2.0 mm Distance between holes 6.5 mm	6 Holes	7 Holes	8 Holes	9 Holes
	39mm	45.5mm	52mm	58.5mm
	VN430S	VN432S	VN434S	
	10 Holes	12 Holes	14 Holes	
	65mm	78mm	84.5mm	

Description	Number of Holes / Length mm			
	VN446S	VN447S	VN448S	VN449S
 Locking plate 2.6 mm Width 8 mm Thickness 2.5 mm Distance between holes 8 mm	6 Holes	7 Holes	8 Holes	9 Holes
	48mm	56mm	54mm	72mm
	VN450S	VN452S	VN454S	
	10 Holes	12 Holes	14 Holes	
	80mm	96mm	114mm	

Description	Number of Holes / Length mm			
	VN466S	VN467S	VN468S	VN470S
 Locking plate 3.5 mm Width 10 mm Thickness 3.1 mm Distance between holes 12 mm	6 Holes	7 Holes	8 Holes	10 Holes
	72mm	84mm	96mm	120mm
	VN472S	VN474S		
	12 Holes	14 Holes		
	144mm	168mm		

OSTEOSYNTHESIS

LOCKING SCREWS AND INSTRUMENTS

Description	Number of Holes / Length mm				
	VN523S	VN525S	VN527S	VN528S	VN529S
Screw core diameter 1.5 mm Head diameter 5 mm Hex 1.5 SW	8mm	10mm	12mm	14mm	16mm
	VN530S	VN531S	VN532S	VN533S	
	18mm	20mm	22mm	24mm	

Description	Number of Holes / Length mm				
	VN554S	VN547S	VN548S	VN549S	VN550S
Screw core diameter 2.0 mm Head diameter 5 mm Hex 2.5 SW	10mm	12mm	14mm	16mm	18mm
	VN551S	VN552S	VN553S	VN554S	
	20mm	22mm	24mm	26mm	

Description	Number of Holes / Length mm								
	VN567S	VN568S	VN569S	VN570S	VN571S	VN572S	VN573S		
	Screw core diameter 2.6 mm Head diameter 5 mm Hex 2.5 SW	12m	14mm	16mm	18mm	20mm	22mm	24mm	
		VN543S	VN575S	VN576S	VN577S	VN578S	VN579S		
	26mm	28mm	30mm	32mm	34mm	36mm			

Each implant is prepacked in a steripeel, ready for local sterilisation. This concept increases efficiency and lowers the cost of consumables at the clinics end.



The cone drill guide screws and locks into the implant. When in place, it allows the Surgeon to pre-drill up to 15 degrees angulation in a 360 degree rotation. In certain case, this flexibility may provide better access to denser bone or a location that otherwise would be obstructed by pins, cerclage or other implants.

Description	Size	Box Size	Article No.
Drill Guide	2.0mm	1 ea	VC076R
Drill Guide	2.6mm	1 ea	VC077R
Drill Guide	3.5mm	1 ea	VC078R

BONE HARVESTING

ERGOPLANT® MICRO BONE MILL



DX801R

Autogenous bone implantation used to support new bone growth is considered the gold standard. The Aesculap Ergoplant® Micro Bone Mill provides high yield bone grit during surgery. With two cutting discs available and dedicated cleaning instruments, reprocessing for the next case is simplified.



DX800

Description	Qty	Article No.
Ergoplant® Micro Bone Mill Set Consisting parts DX801R, DX802R, DX810R, DX811R, JF284R, TE888 (DX800)	1	DX800

	Description	Qty	Article No.
As Pictured Above	Micro bone mill (delivered with coarse cutting disk DX803R)	1	DX801R
	Cutting disk fine	1	DX802R
	Cutting disk coarse	1	DX803R
	Bone mill cleaner fine	1	DX810R
	Bone mill cleaner coarse	1	DX811R

