

Veterinary

**Instruments**

**Catalogue.**



**CENTRAL**

**SURGICAL CO. (PVT) LTD.**



## About US

### Central Surgical Co.

Central Surgical., has been a leading manufacturer and exporter of high-quality veterinary instruments for over 30 years. Based in Sialkot, Pakistan, we are proud to supply professionals worldwide with instruments manufactured for precision, durability, and superior performance. At DeutscheVET 2025, we will showcase our specialized range of veterinary instruments – manufactured to strict quality standards and certified according to ISO 13485 CE marking, and FDA approval.

We are seeking distributors and partners in Germany and other EU countries to further expand our network.

Discover trusted craftsmanship and reliable service with Central Surgical.





## Balling Guns

**01-1001 Mini Balling Gun 3.50 \$**

Balling gun with spring clips 1.25" Metal head, brass : Length 14.75"



**01-1002 Metal Head Balling Gun 5.50 \$**

Balling gun with 3" Metal head, brass: Length 17".



**01-1003 Plastic Head Balling Gun 6.00 \$**

Balling gun with 2.5" Plastic head, brass: Length 17".



**01-1004 Balling Gun 8.00 \$**

Balling gun with 5" Metal head, brass: Length 22".



**01-1005 Rubber Head Balling Gun 7.50 \$**

Balling gun with spring clips 4" Rubber head, brass: Length 23.5".



**01-1006 Pistol Balling Gun / Multi Bolus Balling Gun 17.50 \$**

Nickel-plated metal balling gun which holds up to six large boluses at one time. Uses a spring-action end-clip to secure boluses in barrel: Length 18.25".



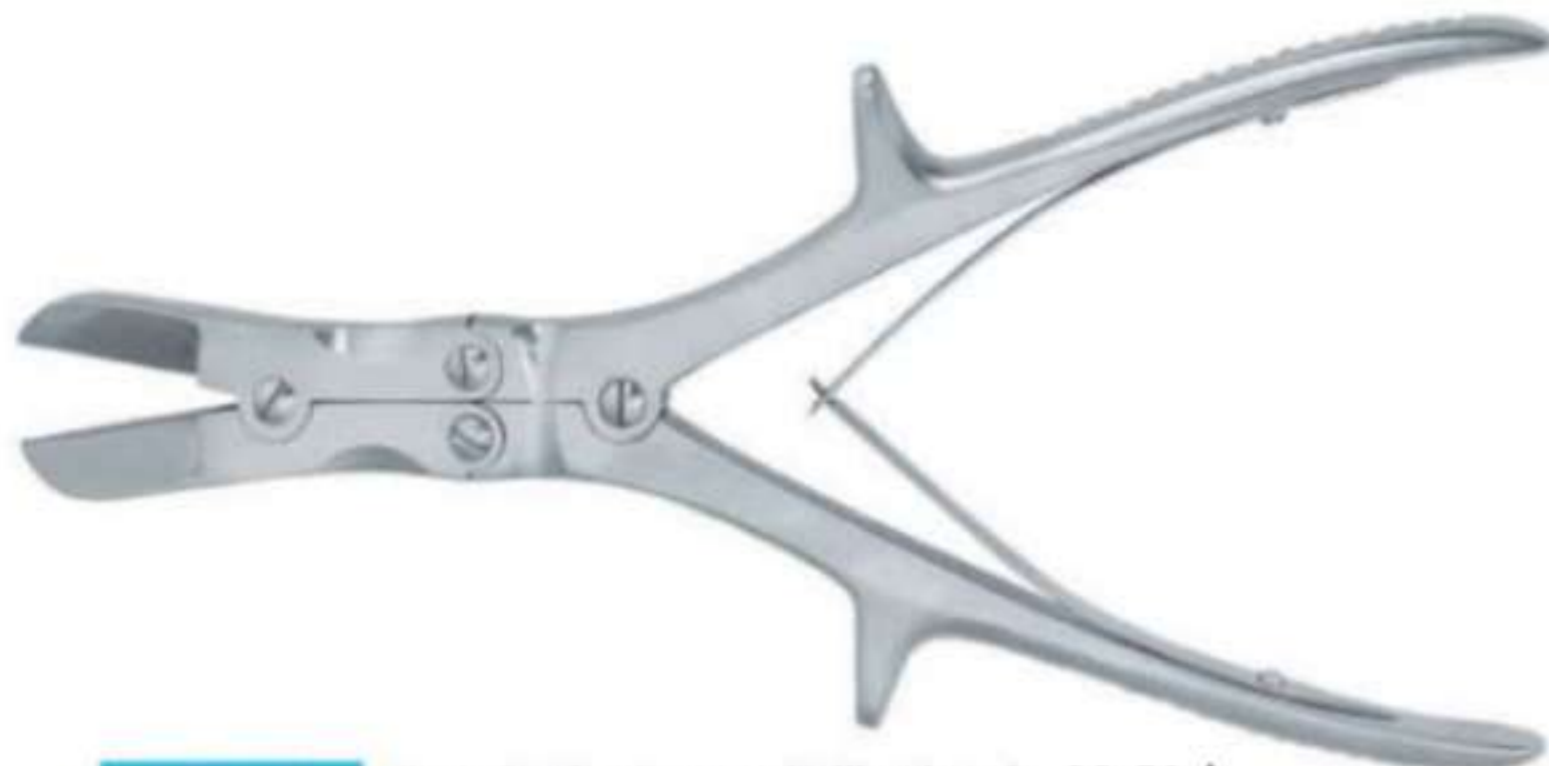
**01-1007 British Capsule Forceps 9.75 \$**

Excellent for capsuling sheep or horses. Stainless steel: Length 12".





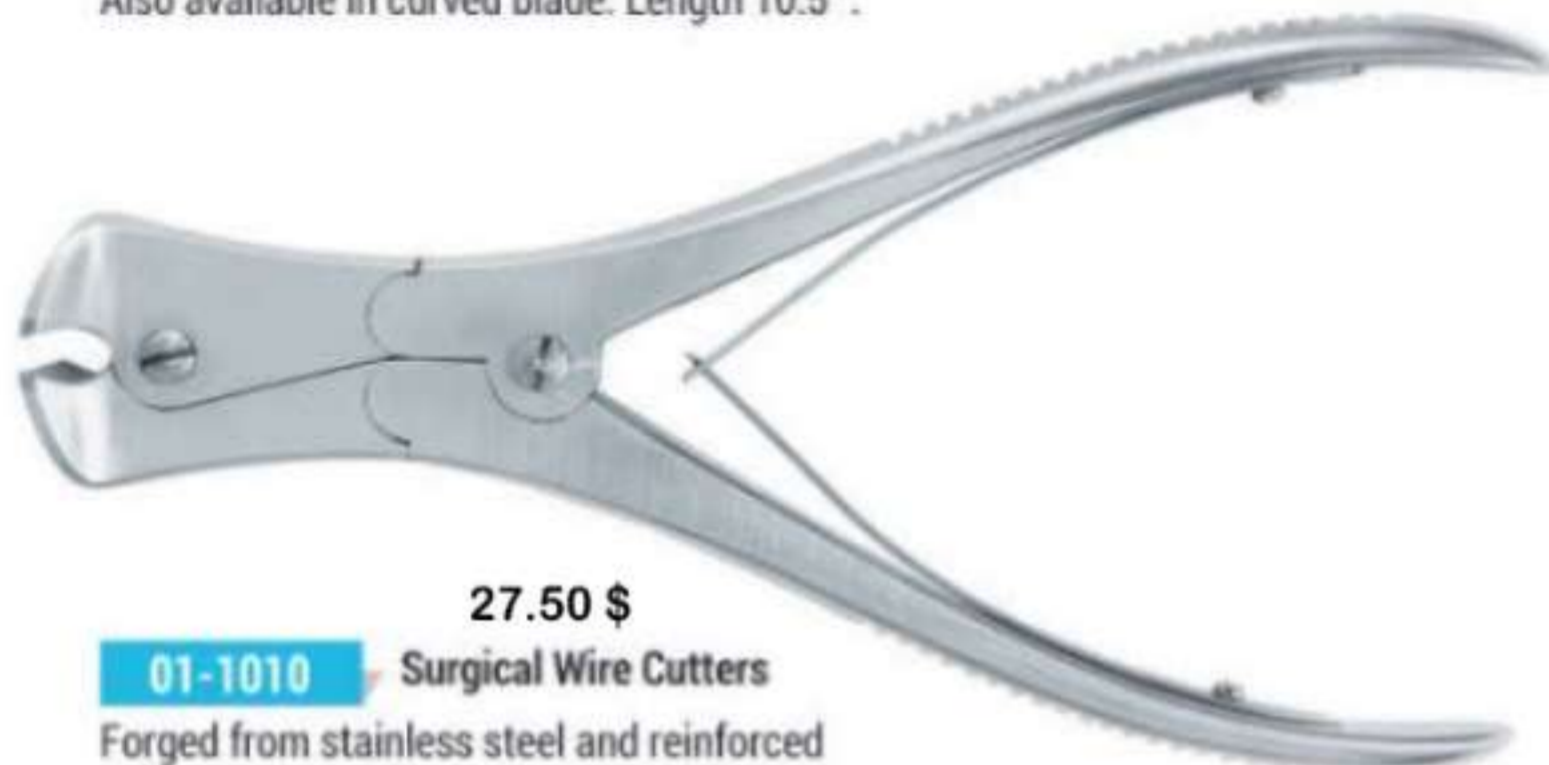
## Bone Surgery



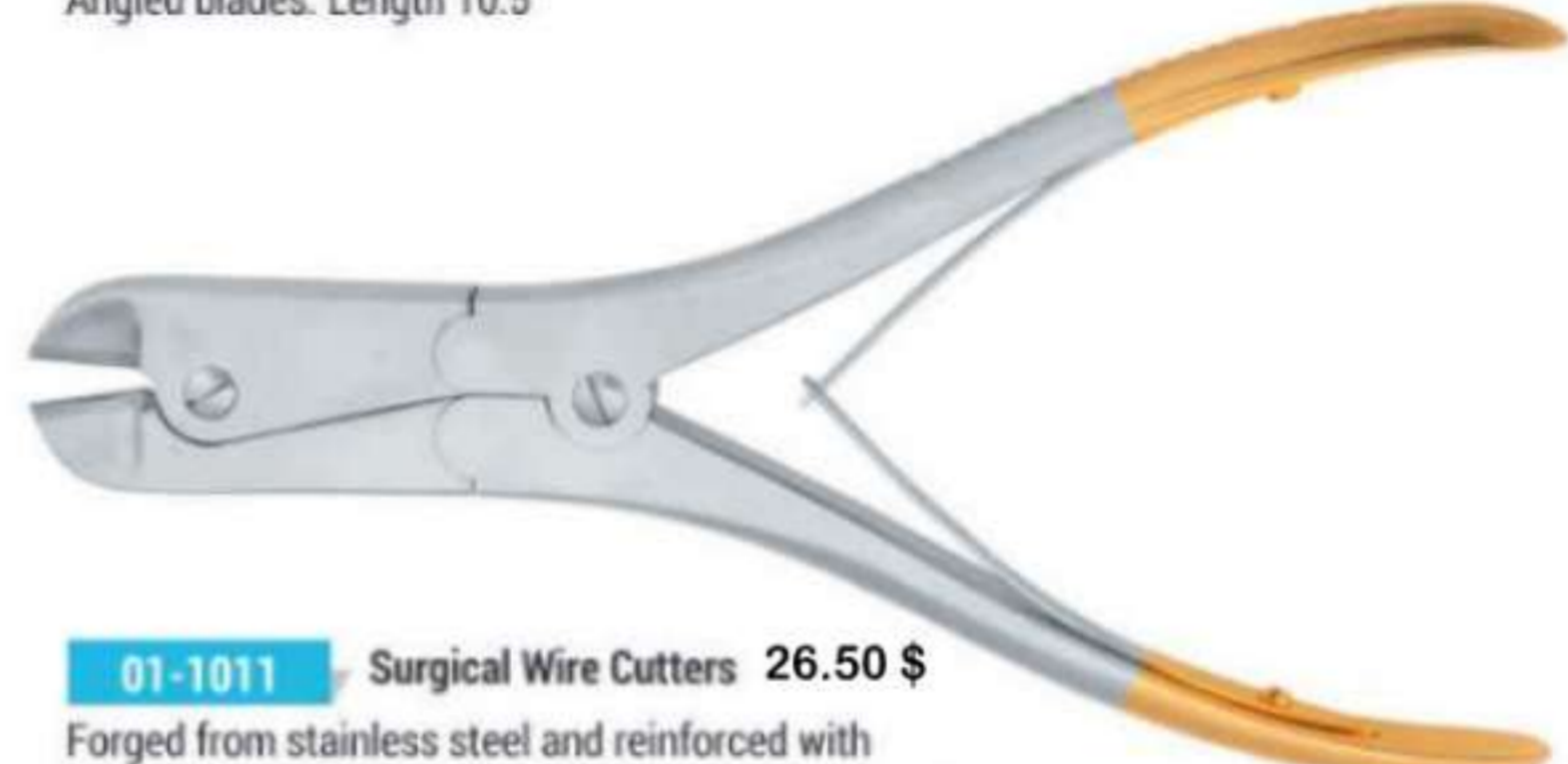
**01-1008** Bone Cutting Forceps (Stille-Liston) 22.50 \$  
Also available in curved blade. Length 10.5".



**01-1009** Bone Cutting Forceps (Stille-Liston) 26.40 \$  
Angled blades. Length 10.5"



**01-1010** Surgical Wire Cutters 27.50 \$  
Forged from stainless steel and reinforced with tungsten carbide tip or specially



**01-1011** Surgical Wire Cutters 26.50 \$  
Forged from stainless steel and reinforced with tungsten carbide tip or specially tempered tool steel. Size 9.25"



**01-1012** Bone Rongeur 21.50 \$  
(Leksell-Stille) Length 9" s/s.



**01-1013** Surgical Pin Cutters 99.50 \$  
Cutting tools used to cut the wires and pins implanted during the orthopedic surgeries to fix the fractures. They are forged from stainless steel and reinforced with tungsten carbide or specially tempered tool steel. The handles are so firm that they are able to provide more power for cutting and absorb the jerk of wire cutting. Length 18.5".



**01-1014** Bone Rongeur Forceps (Stille) 21.50 \$  
Angled on side. 6x12mm jaws. Length 9" s/s.



**01-1015** Bone Holding Forceps (Verbrugge) 22.50 \$  
Verbrugge bone forceps for holding / positioning re-positioning bone. Available sizes 10.5" s/s.



**01-1016** Bone Holding Forceps 22.50 \$  
Length 11" s/s



**01-1017** Bone Holding Forceps (Lambotte) 31.50 \$  
Lambotte bone holding forceps with ratchet. Available Sizes 8.5", 10", 13" s/s.



# CENTRAL

SURGICAL CO. (PVT) LTD.

## Bone Surgery



**01-1018** Bone Holding Forceps 15.60 \$  
Length 13.5" s/s.



**01-1019** Bone Holding Clamp Lowman 18.50 \$  
Lowman bone clamp for holding, positioning, re-positioning bone. 1 x 2 Prong Jaws. Length 8" s/s.

## Branding Instruments



**01-1020** Revolving Head Tattoo Pliers 6.25 \$  
Made of special aluminum alloy. Head holds four dies on each side, for a total of eight digits. Size 3/8" revolving head tattoo outfit.



**01-1021** Standard Tattoo Pliers 5.50 \$  
Designed in the same general style as our regular cattle tattoos but reduced in size to make work more convenient with small animals. Head holds four dies, for a total of four digits. Size 3/8".



**01-1022** Small Tattoo Pliers 5.00 \$  
Light weight pattern, designed for small animals. Made of aluminum alloy. Head holds four dies, for a total of four digits. Size 0.25".



**01-1023** Tattoo Letter Set 0-9 7.50 \$  
Tattoo digits for Revolving head tattoo pliers and Standard tattoo pliers. Size 3/8". Tattoo digits for Small tattoo pliers. Size 0.25".



**01-1024** Aluminum Paint Branding Irons 9.00 \$  
Made of aluminum castings, light in weight. Set consists of nine irons in 2.5" sizes. 0.5" depth, 1.5" width. Also available in 4" sizes. NOTE: A set 0-9 does not include the figure 9. The 6 iron can be reversed to make the figure 9.



**01-1025** Aluminum Tattoo Pliers 12.50 \$  
The Aluminum Tattoo Pliers has a heavy duty spring for quicker release.



**01-1026** Tattoo Pliers 15.00 \$  
Made of carbon steel.



**01-1027** Tattoo Pliers 15.00 \$  
Two rows of tattoo digits can be inserted at a time. Made of carbon steel.



# CENTRAL

SURGICAL CO. (PVT) LTD.

## Castration Instruments



10.00 \$

### 01-1028 Emasculatome 9" Castrator- Extra Small Size

These are precision-made instruments for the humane and bloodless castration of live stock by severing the testicular cord without injury to the bag (scrotum). Also Available with plastic and wooden grips. For lambs. Length 9".



16.50 \$

### 01-1029 Emasculatome 12" Castrator- Small Size

Also available with plastic grips. For lambs and young calves or for docking lambs tail. Length 12".



17.50 \$

### 01-1030 Emasculatome 14" Castrator- Medium Size

Also available with plastic grips. For calves and young bulls. Length 14".



\$21.00 \$

### 01-1031 Emasculatome 16" Castrator- Large Size

Also available with plastic grips. For mature bulls. Length 16"



22.00 \$

### 01-1032 Emasculatome 19" Castrator- X Large Size

Also available with plastic grips. For bulls, horses, buffalo, and camels. Length 19".



6.75 \$

### 01-1033 Large/Deluxe Castrating Band Applicator Aluminum

Heavy-duty aluminum ring applicator with notched expanding fingers to hold the ring. Useful on lambs, calves, goats and other animals



5.50 \$

### 01-1034 Castrating Band Applicator-Stainless Steel

For applying latex rings/bands used in tail docking and castration. The tapered nose prevents dirt build-up. Roller insures smooth operation: Length 8.75".



3.25 \$

### 01-1035 Castrating Band Applicator- Nickel Plated

For applying latex rings/bands used in tail docking and castration. The tapered nose prevents dirt build-up. Roller insures smooth operation: Length 8.75".



2.25 \$

### 01-1036 Blue Economy Castrating Band Applicator

Designed for quick and easy one-person operation. Lightweight blue plastic grips, textured for sure-grip, comfortable to use. Useful on lambs, calves, goats and other animals.



6.75 \$

### 01-1037 Crutch Knee Wrench - For Large Emasculatomes

The use of the crutch knee attachment makes possible a one-person operation with the larger emasculatome. Set consists of polished crutch attachment and spanner wrench. Fits 14", 16" and 19" emasculatomes only.



## Castration Instruments



**01-1038** Ear Docking 8.00 \$

For dog's ear docking. Aluminum made. Straight, 12cm. Also available in curved.



**01-1039** Frank's Emasculator 11.50 \$

Length 7-1/2", 9", 10-1/2" s/s.



**01-1040** Haussman's Emasculator 15.00 \$

Double crush prevents primary and secondary hemorrhage because of the multiple crushing of the spermatic cord and artery. Sizes available 7-1/2", 9", 10", 11", 12" s/s



**01-1041** White's Emasculator 8.00 \$

Length 7-1/2", 9", 10", 11", 12" s/s.



14.00 \$

**01-1042** Haussman's Emasculator / Real Product

Curved, sizes available from 7-1/2", 9", 10", 11", 12" s/s.



**01-1043** Reimer's Emasculator 37.50 \$

A very popular emasculator has a double crushing part. The cutting lever is worked separately. This allows extra time for crushing action and eliminates after bleeding: Length 12" s/s.



40.00 \$

**01-1044** Serra's Emasculator Curved

A concave cutting plate draws the cord concentrically in to the jaws of the castrator. Reduces tissue slippage and post-op hemorrhage. Length 14" s/s



40.00 \$

**01-1045** Serra's Emasculator Curved With Ratchet

It has curved non slip grips and positive crush for one hand use with ratchet: Length 14" s/s.



**01-1046** Serra's Emasculator With Ratchet 40.00 \$

This newly designed instrument draws the cord concentrically into the jaws, thus preventing slipping of the cord. ratchet holds emasculator locked: Length 13-1/2" s/s.



**01-1047** Sand's Emasculator 30.00 \$

Draws the cord concentrically in to the jaws, thus preventing slipping of the cord. Hemorrhage is reduced to a minimum ratchet holds forceps locked: Length 12" s/s



8.00 \$

**01-1049** Gas Tail Docker

For quick, painless and economical tail docking of piglets. Stainless steel.



**01-1048** Castration Hook for Male cats 2.50 \$



**01-1050** Newberry Castrating Knife 4.60 \$

A stainless steel castrating knife will split the scrotum for easier removal of testicles with 2" blades. Overall Length 10.5".



## Ear Marking & Taging



**01-1051** Flower-Cut Ear Notcher 9.50 \$  
The stainless steel construction with sharp, clean cut and slide spring action handle make these notchers ideal for identification purposes. Cuts notch 1" long. Length 8".



**01-1052** W-Cut Ear Notcher 3.75 \$  
A high-quality, stainless steel ear notcher Cuts a "W" notch 0.70" long. Length 6".



**01-1053** U-Cut Ear Notcher 3.75 \$  
A high-quality, stainless steel ear notcher Cuts a "U" notch 0.70" long. Length 6".



**01-1054** Small Ear Notcher With V-Cut 3.75 \$  
A high-quality, stainless steel ear notcher Cuts a "V" notch 8mm/0.32" base x 16mm/0.63" long. Length 6".



**01-1055** Medium Ear Notcher With V Shape Die 7.00 \$  
A high-quality, stainless steel ear notcher Cuts a "V" notch 12mm/0.47" base x 18mm/0.71" long. Length 6".



**01-1056** Large Ear Notcher With V Shape Die 3.50 \$  
Large Ear Notcher With V Shape Die carefully ground after being hardened and tempered. Dies are not interchangeable. 20.85mm/0.82" cut. Length 9.37".



**01-1057** Ear Tag Applicator 6.25 \$



**01-1058** Plastic Tag Applicator 16.50 \$  
For applying plastic tags to the ears. Length 9".



## Dehorner Instruments



**01-1059** Dehorner Wooden Handle 7.00 \$  
Wooden handle dehorner: Length 13" c/s.



**01-1060** Dehorner Metal Handle 7.25 \$  
Straight metal handle dehorner with rubber grips: Length 13" c/s, c/p.



**01-1061** Dehorner Metal Handle 7.25 \$  
Straight metal handle dehorner with rubber grips: Length 17" c/s, c/p.



**01-1062** Dehorner Metal Handle 7.25 \$  
Straight metal handle dehorner with rubber grips. Heat-treated steel cutting blades: Length 13" c/s, c/p.

## Equine Dental Instruments



**01-1063** Tooth Cutter 50.00 \$  
Hardened stainless steel simple joint lower molar cutters with permanent handles. Length 22" s/s.



**01-1064** Tooth Cutter 50.00 \$  
Molar cutter with simple joint. Available in 3 different models. 1) Closed Edges. / 2) Medium Gap. / 3) Wide Gap. Length 22" s/s.



**01-1065** Molar Forceps 45.00 \$  
Length 18", 22" s/s.



**01-1066** Equine Molar Forceps- 45.00 \$  
Gunther Tooth Forceps. Length 22" s/s.



**01-1067** Molar Forceps 50.00 \$  
Serrated jaw creates good purchase on cheek teeth and premolar caps. A hugely versatile pair of forceps for every day use. Length 22" s/s.



**01-1068** Molar Spreader 45.00 \$  
Used for loosening cheek teeth prior to extraction: Length 19", 22" s/s.



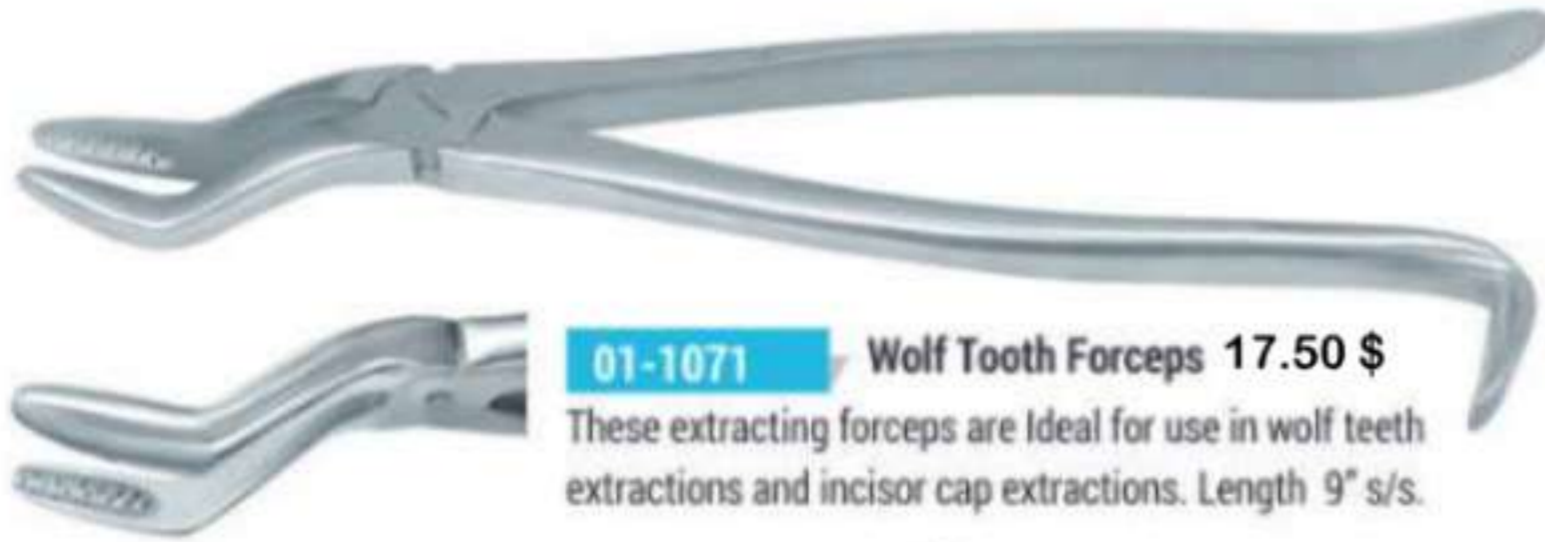
**01-1069** Molar Incisor Extractor 45.00 \$  
These are designed to remove hard to get at rear molars but can also be used to remove incisors. Length 22" s/s.



**01-1070** Equine Compound Molar Cutter 65.00 \$  
Stainless steel compound molar cutters with permanent handles. Powerful compound action. Available in 4 different models. 1) Fully Open Jaw. / 2) Closed Jaw. 3) Part Open Jaw. / 4) Part Open Jaw Angled. Length 24", 25", 26" s/s.



## Equine Dental Instruments



**01-1071** Wolf Tooth Forceps 17.50 \$

These extracting forceps are ideal for use in wolf teeth extractions and incisor cap extractions. Length 9" s/s.



**01-1073** Cap Extractor 35.00 \$

Lower (Renold's) Length 17" s/s



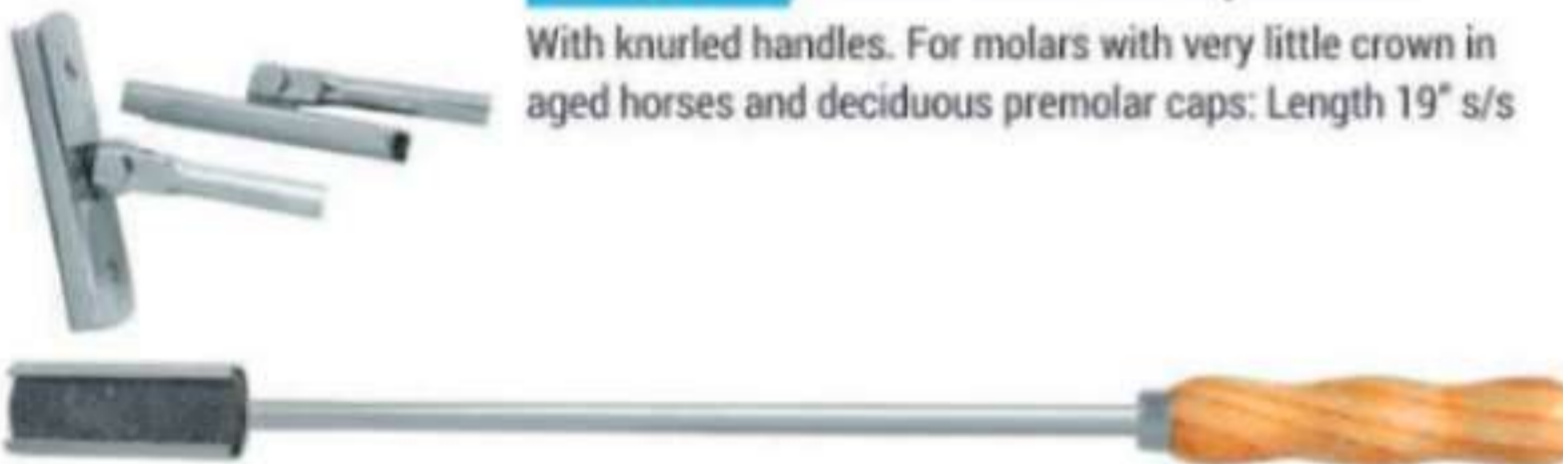
**01-1075** Compound Rongeurs 30.00 \$

Stainless steel compound rongeur with offset head works well for wolf teeth, blind wolf teeth, incisor fragments and most tooth and cap slivers. Length 9" s/s.



**01-1077** 3 Root Box Joint Forceps On Side 47.50 \$

With knurled handles. For molars with very little crown in aged horses and deciduous premolar caps. Length 19" s/s



**01-1079** Dental Float Moveable 7.50 \$

Float comes with the moveable head with one wooden handle. With two screws in back to hold blade. Length 22".



**01-1081** Dental Float 8.50 \$

Combination float comes with both a straight and angled head. Length 10", with one wooden handle. Length 10.5". With two screws in back to hold blade. One rasp/rasp and one rasp/file in set. Length 20.5"



17.50 \$

**01-1072** Wolf Tooth Forceps / Extracting Forceps

Knurled handles provide optimum grip even when wet. Length 10" s/s.



**01-1074** Cap Extractor 35.00 \$

Upper (Renold's) Length 17" s/s.



47.50 \$

**01-1076** Fulcrum Serrated Jaw Box Joint Forceps

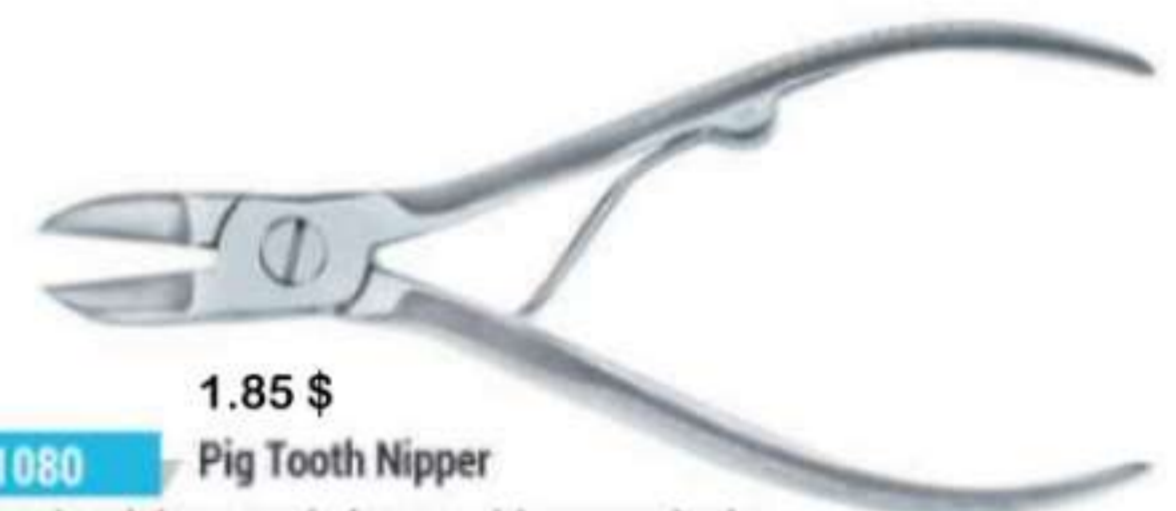
For extraction of first and second premolars or the number six and seven cheek teeth. This unit uses the hinge portion of the forceps for a fulcrum.



47.50 \$

**01-1078** 3 Root Box Joint Forceps Off Side

With knurled handles. For molars with very little crown in aged horses and deciduous premolar caps. Length 19" s/s.



1.85 \$

**01-1080** Pig Tooth Nipper

Hardened stainless steel nippers with no gap in the jaws, construction with spring handle action. Also for cutting tails. Length 5" s/s.



9.00 \$

**01-1082** Equine Speculum By Schoupe

Reduces the danger of slipping with this instrument since it is held in place by the equine cheek area. I



8.00 \$

**01-1083** Bayer's Mouth Wedge

Very handy when examining the oral cavity or doing dental work in equine, s/s.



## Farrier Tools



12.50 \$

**01-1084** Hoof Nipper T.C Tip Modified

A modified instrument which is forged from stainless steel and reinforced with tungsten carbide tip. Length 15". Also available in high carbon steel.



**01-1085** Hoof Nipper 12.50 \$

Particularly handy for farriers trimming larger feet or cob type horses with thicker walls. Forged from stainless steel. Length 15". Also available in high carbon steel.



**01-1086** Hoof Nipper 12.50 \$

Ideal for trimming away excess hoof wall or claws. Forged from stainless steel. Length 14". Also available in high carbon steel.



**01-1087** Hoof Nipper 11.00 \$

A very nice precision instrument, forged from stainless steel. Length 12".



**01-1088** Hoof Nipper 12.50 \$

Length 14". Also available in 12", 15" c/s.



**01-1089** Hoof Nipper 12.50 \$

Length 12". Also available in 14", 15" c/s.



12.50 \$

**01-1090** Hoof Nipper Curved Blade T.C Tip Modified

A modified instrument which is forged from stainless steel and reinforced with tungsten carbide tip. Length 15". Also available in 12", 14" c/s.



12.50 \$

**01-1091** Hoof Nipper Curved Blade

A modified instrument which is forged from stainless steel and has a curved blade. Length 15". Also available in 12", 14" c/s.



# CENTRAL

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## Farrier Tools



**01-1100** Gooseneck Clincher 7.50 \$  
Length 12" c/s. Also available in stainless steel.



**01-1102** Farrier Clincher 7.50 \$  
For use on high and low nails. Used to roll over nails with curved jaw. Length 13" c/s. Also available in stainless steel.



**01-1104** Farrier Clincher 7.50 \$  
For use with larger nails used in saddle horse hoofs to roll over and clinch nails. Oil quoting makes it rust resistant. Length 12" c/s. Also available in stainless steel.



**01-1106** Farrier Clincher 7.50 \$  
For use with large nails used in saddles horse hoofs to roll over and clinch nails. Oil quoting makes it rust resistant. Length 12" c/s. Also available in stainless steel.



**01-1108** Cutting Nipper 10.00 \$  
For cutting and pulling with cushion grip handles. Length 12" c/s. Also available in stainless steel.



**01-1110** Crease Nail Puller powder 7.00 \$  
Coated Removes nails from crease of shoes that has been on horse for some time, 12" carbon steel powder coated. Also available in stainless steel.



**01-1112** Clinch Cutter 5.00 \$  
Clinch cutter on one end and pritchel on opposite end s/s.



**01-1101** Low Nail Curved Jaw Clincher 8.50 \$  
The curved jaw clincher features a proven design for excellent performance and reliability. Length 13" c/s. Also available in stainless steel.



**01-1103** Gooseneck Clincher 7.50 \$  
Powder coating makes it rust resistant. Length 12" c/s. Also available in stainless steel.



**01-1105** Farrier Clincher 7.50 \$  
To roll over nails with curved jaw. Red vinyl coated handle gives a comfortable grip. Length 13" c/s. Also available in stainless steel.



**01-1107** Cutting Nipper 10.00 \$  
For cutting and pulling with cushion grip handles. Oil tempered and drop forged. Length 12" c/s. Also available in stainless steel.



**01-1109** Crease Nail Puller 7.00 \$  
For the removal of nails when worn down inside the grooves of the shoe, 12" s/s



**01-1111** Shoe Spreader 11.00 \$  
The design of this tool is simply a levering device with a differential length of arms on the head. The shoe there by opening it exactly where you want.



**01-1113** Clinch Cutter Powder Coated 5.00 \$  
Clinch cutter on one end and pritchel on opposite end, Powder coated c/s.



**01-1114** Farrier Hammer 5.00 \$



## Hoof & Claw Instruments



**01-1130** Hoof Tester 6.00 \$

Test hoof hardness with this popular, steel hoof tester with scored edges for better gripping. Available sizes 13", 13.25", 16" s/s.



**01-1131** Hoof Tester Heavy Duty 10.00 \$

Available sizes 13", 13.5" s/s.



**01-1132** Hoof Tester 11.50 \$

Length 16" s/s.



**01-1133** Large Hoof Tester 16.00 \$

The large model has 12" reins, is 19" long and opens to 9.5". Stainless steel with pointed teeth.



**01-1134** Small Hoof Tester 14.00

The small model has 9" reins, is 15" long and opens to 7". Stainless steel with pointed teeth.



**01-1135** Large Modified Hoof Tester

The modified model has 12" reins, is 19" long and opens to 9.5". Stainless steel with reduced teeth



**01-1136** Hoof Trimmer 13.50 \$

Durable steel with bolted construction. Green protective coating covers the steel. 1-1/4" opening between trimmer blades with double compound action. Sharp blades are firmly attached with three recessed screws. Black rubber grip handles. Length 17" c/s.



**01-1137** Nail Clipper 3.00 \$

A nail clipper with sure-grip handles for cutting dogs nails. Stainless steel blades are designed to give precision cutting action. Flip-open safety lock protects cutting edge when not in use. 6-3/8" long.



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SURGICAL CO. (PVT) LTD.

## Hoof & Claw Instruments



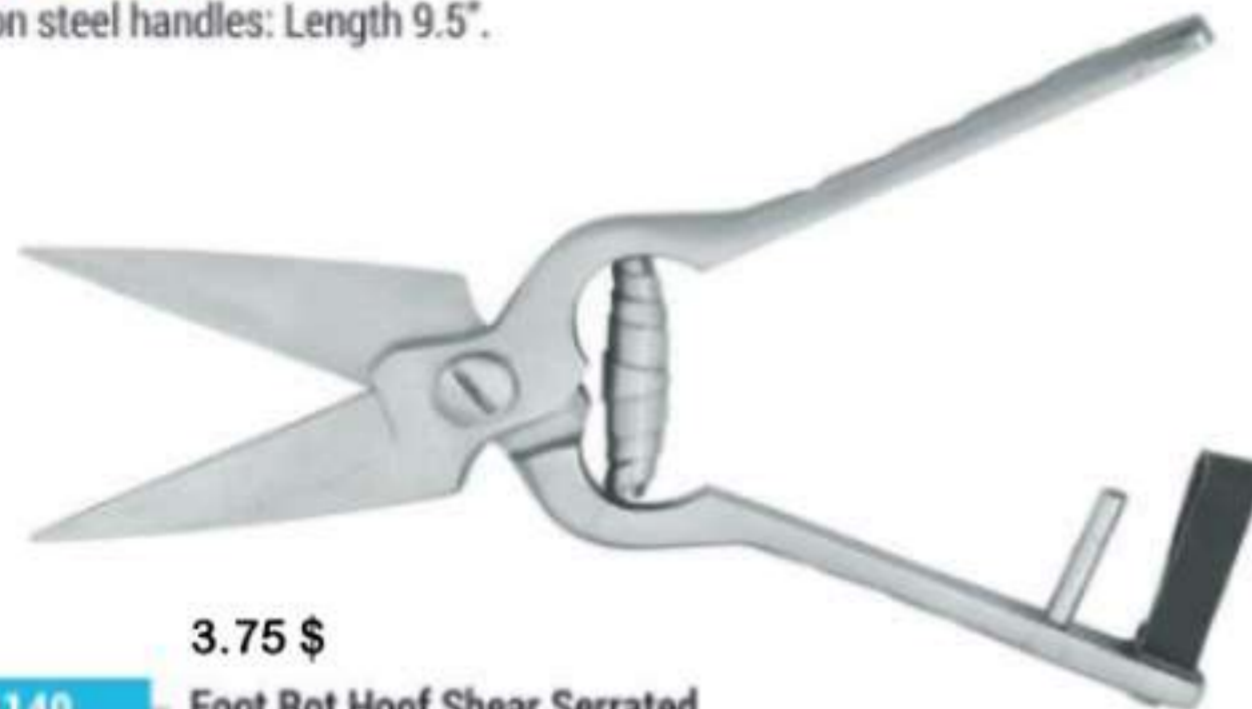
3.50 \$

**01-1138** Foot Rot Hoof Shear Carbon Steel  
Carbon steel handles: Length 9.5".



4.25 \$

**01-1139** Foot Rot Hoof Shear Aluminum  
Ideal for both sheep and goat. Length 9.5".



3.75 \$

**01-1140** Foot Rot Hoof Shear Serrated  
Primarily used for sheep: Length 9" s/s.



3.75 \$

**01-1141** Foot Rot Hoof Shear Plane  
Available with plane blades and in leather holster 9" s/s.



**01-1142** Trimming Shears 3.25 \$  
Red enameled handles with extra-large double bow Length 14".



3.75 \$

**01-1143** Single Bow Economy Sheep Shears  
6" shearing blades. Overall Length 12".



0.60 \$

**01-1144** Hoof Pick-Vinyl Coated Handle  
Sturdy, vinyl coated handle: Length 5.5" s/s.



1.00 \$

**01-1145** Hoof Pick Large - Vinyl Coated Handle  
Pick with vinyl coated handle, s/s.



**01-1147** Hoof Knife Kit 7.50 \$  
Available in compact, elegant leather case with zipper. Set includes Wooden handle with 4 different types of Interchangeable blades.



**01-1146** Hoof Pick 0.50 \$

Chrome plated steel rod hoof pick with a screw driver end which can be used to tighten Chicago screws.



**01-1148** Hoof Knife Kit 7.50 \$  
Available in compact, elegant leather case with zipper. Set includes Wooden handle with 6 different types of Interchangeable blades.



## Hoof & Claw Instruments



Right

01-1156

Left

Hoof Knife Regular 2.00 \$

Regular blade. This durable blade is held by two rivets in the hardwood handle and it extends 2" into handle.  
1/2" blade at heel, 3" long. 8.5" long overall. Wooden grip. Available in left and right handed grip.



Right

01-1157

Left

Hoof Knife 2.00 \$

Double edged. Polished wooden grip.  
Available in left and right handed grip.



Right

01-1158

Left

Hoof Knife 2.00 \$

Polished wooden grip. Available  
in left and right handed grip.



Right

01-1159

Left

Hoof Knife 2.00 \$

Narrow blade, Polished wooden grip.  
Available in left and right handed grip.



Right

01-1160

Left

Hoof Knife 2.00 \$

Double edged. Polished wooden grip.  
Available in left and right handed grip.



Right

01-1161

Left

Hoof Knife 2.00 \$

Curved blade. Polished wooden grip.  
Available in left and right handed grip



Right

01-1162

Left

Hoof Knife 2.00 \$

Extra long shaft makes it easier and more accurate to use.  
Polished wooden grip. Available in left and right handed grip.



Right

01-1163

Left

Hoof Knife 2.00 \$

Narrow blade. Fine wooden grip.  
Available in left and right handed grip.



# CENTRAL

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## Obstetrical Instruments



**01-1180** Krey Hook 4.00 \$  
Length 8" s/s.



**01-1181** Linde's Embryotomy Knife 4.00 \$  
Length 5" s/s



**01-1182** Ostertag's Eye Hook Blunt 1.37 \$  
Length 2", Hole Diameter 5/8" and Hook Length 3/4" s/s.



**01-1183** Moore's OB Chain Handle 1.60 \$  
Stainless steel OB handle with one-piece construction. 5.5"



**01-1184** Moore's OB Chain Handle 1.62 \$  
With Plastic Grip Handle aids in use of chains, 5.5" s/s.



**01-1185** OB Wire Guide 2.75 \$  
The instrument will bring your wire around any tight or difficult location on the fetus. Length 7" s/s.



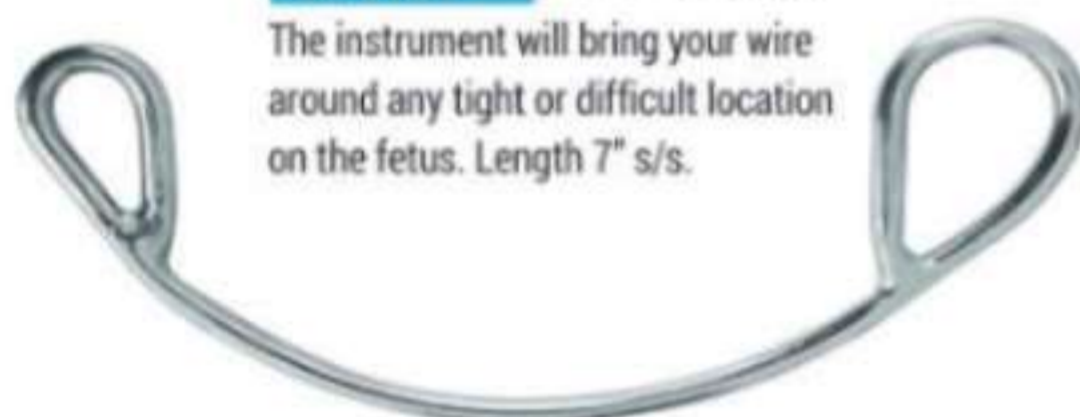
**01-1186** OB Chain 4.25 \$  
Heavy duty obstetrical chains assist in the delivery of the calves. Length 60" s/s.



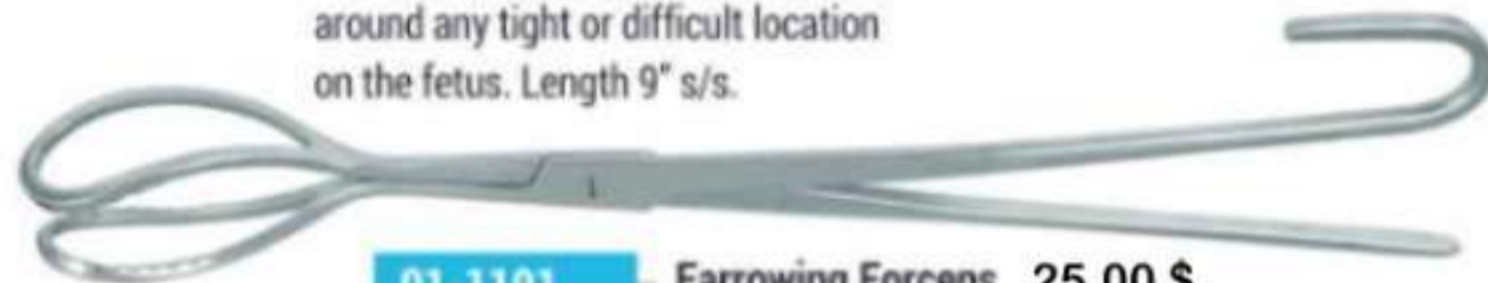
**01-1187** OB Chain 2.25 \$  
Heavy duty obstetrical chains assist in the delivery of the calves. Length 30" s/s.



**01-1188** Swine Cable OB Snare 3.75 \$  
This durable, swine cable obstetrical snare is made from aircraft cable. Overall length 18" s/s.



**01-1189** OB Wire Guide 4.25 \$  
The instrument will bring your wire around any tight or difficult location on the fetus. Length 9" s/s.



**01-1191** Farrowing Forceps 25.00 \$  
Farrowing Forceps For Piglets. Length 20.5" s/s.



**01-1190** Sutter OB Handle 2.25 \$  
Knurled non-slip grip. Length 4" c/s.



**01-1192** Farrowing Snare 5.50 \$  
Shaped end allows operator to direct head after cable is placed behind ears or legs. Length 15" c/s.

## Plaster Instruments



**01-1193** Cast Spreader 15.00 \$  
Cast spreaders with 5cm wide blades. Available sizes 10.5", 11" s/s.



**01-1194** Cast Spreaders (Henning) 12.50 \$  
3-Pong cast spreader 9". Spring-loaded handle for one-hand operation, cutting beyond cast thickness.



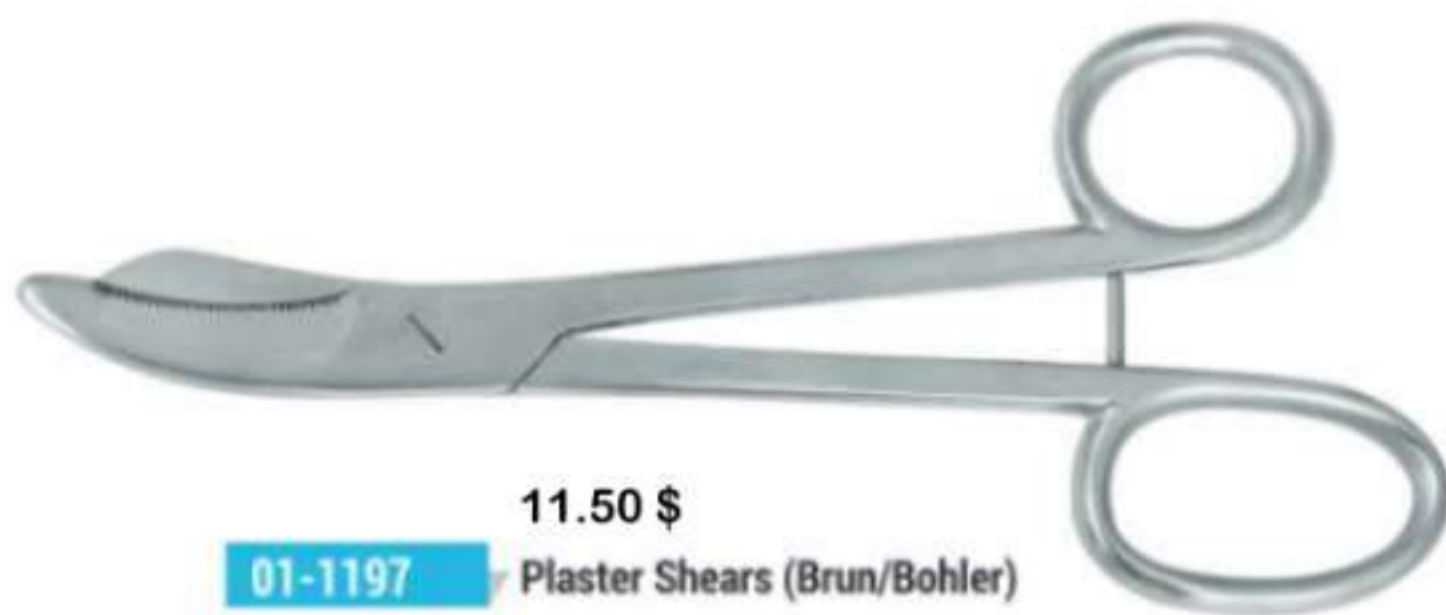
**01-1195** Plaster Shears 27.50 \$  
Available size 17.25" s/s.



## Plaster Instruments



**01-1196** Plaster Shears  
Plaster shears with serrated blades.  
20.00 \$



**01-1197** Plaster Shears (Brun/Bohler)  
They can cut through cloth, plastic and metal. They have serrated blades for non-slip cutting. Stainless steel. Length 10"  
11.50 \$



**01-1198** Plaster Shears (Stille)  
Plaster shears with serrated blades.  
Available sizes 9", 10" 15" s/s.  
17.50 \$, 20.00 \$, 30.00 \$



**01-1199** Ring Cutter 16 cm  
4.30 \$



**01-1200** Universal Scissors  
It can cut through almost anything: a multitude of uses around any clinic. Autoclavable.  
Stainless steel: Length 7.5", 5.5". 0.75 \$, 0.55 \$

## Snake Catchers



**01-1201** Snake Catcher  
It's lightweight, versatile, and strong for picking up snakes, while not injuring them. It has a trigger which helps in catching and releasing the snakes without any harm. Made Of Aluminum. The available lengths are 24", 42". 12.50 \$, 15.00 \$



**01-1202** Snake Hook  
Made of Aluminum. The rubber grip increases the hold incase of a wet conditions. The available lengths are 24", 30", 36", 48".  
6.00 \$, 7.00 \$



## Restraining Instruments



**01-1203** Premium Hog Holder With Lock 10.00 \$

An improved hog holder made of 3/16" galvanized aircraft cable with a cable stop that avoids kicking. Durable, high-strength tubing of carbon steel, nickel-plated.



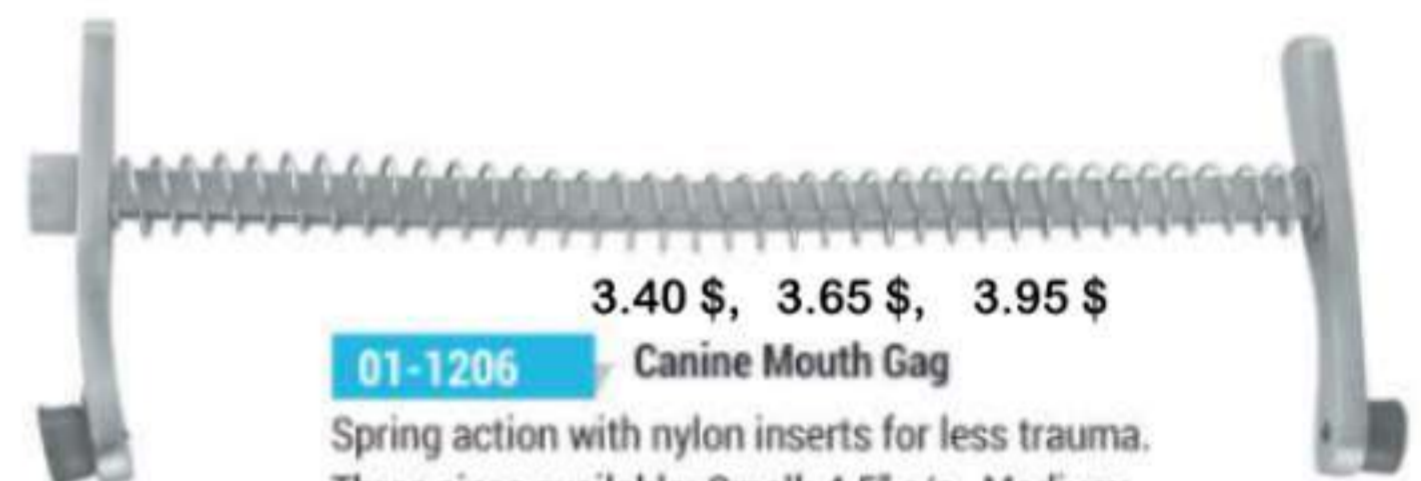
**01-1204** Ring-O-Matic Hog Catcher 10.00 \$

Snares and holds any weight hog. Loop is constructed of galvanized aircraft cable and the handle is coated with a rust-resisting finish. Handle is 22" in length with a 20" loop of aircraft cable.



**01-1205** Shorty Hog Holder 3.75 \$

Easy, quick way to control pigs in tight spaces. Comfort-grip rubber handle with galvanized aircraft cable loop. Approximately 8" long.



3.40 \$, 3.65 \$, 3.95 \$

**01-1206** Canine Mouth Gag

Spring action with nylon inserts for less trauma. Three sizes available: Small: 4.5" s/s, Medium: 5.75" s/s, Large: 6.25" s/s.

R-1615



10.00 \$

**01-1207** Cattle Twitch / Nose Twitch

For help in restraining horses or cattle. Nylon coated handles for firm grip. Length 17" s/s.



**01-1208** Bull Holder 16.50 \$

Stainless steel sand casted. PVC grip. Available sizes 14", 15" s/s.



5.50 \$

**01-1209** Bull Lead With Chain

Place stainless steel lead into animal's nostrils and close gently. Secure handles with heavy-duty 13 1/2" chain. Also available without chain.



6.50 \$

**01-1210** Harm's Bull Holder

Made of Stainless steel.



3.25 \$

**01-1211** Cattle Leader Aluminum

The ideal type lead for show animals - gives the nose a shorter appearance than other type leads. Made of strong, Permits animal to eat without removal. 2-1/2" x 1-1/4" x 3-3/4" L.



3.25 \$

**01-1212** Cattle Leader Brass

The ideal type lead for show animals - gives the nose a shorter appearance than other type leads. Permits animal to eat without removal.



6.50 \$

**01-1213** Heavy Duty Bull Lead

With coiled spring and protective release sleeve. Made of Stainless Steel.



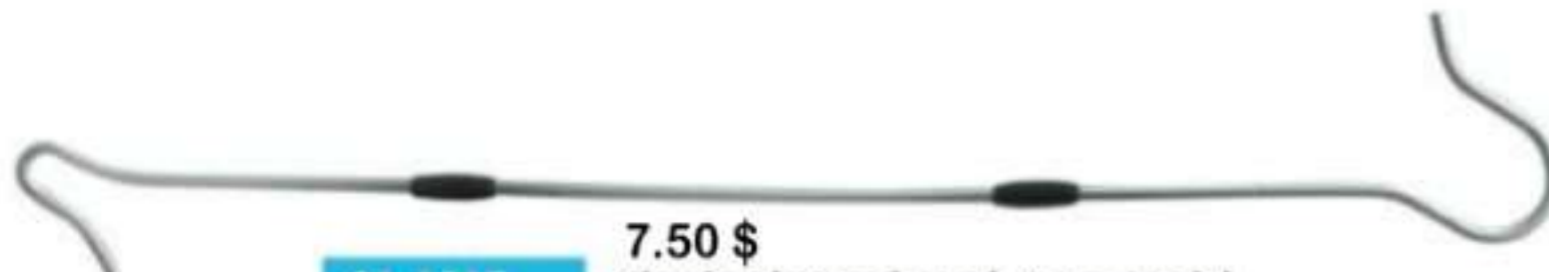
2.00 \$

**01-1214** Kantslip Cattle Lead

Made with fine quality holding spring. Opens to approximately 2-5/8". Overall width 3", overall length 5" brass, c/p.



## Restraining Instruments



**01-1215** 7.50 \$  
Shepherd's Crook Neck & Leg Model  
It has a 2 way use and rubber grips for strong hold. Length 57".



**01-1216** 7.00 \$  
Shepherd's Crook Leg Model  
It has rubber grip for strong hold. Length 53".



**01-1217** 0.32 \$  
Calf Weaner Plastic  
Durable red plastic, more comfortable for livestock. Flexible material and a fixing screw ensure easy adjustment and a perfect fixing in the cattle's nose.



**01-1218** 1.20 \$  
Milk Sucking Preventor / Calf Weaner Metal  
Guard swings free allowing animal to eat and drink freely, yet prevents sucking. Nose piece is adjustable to nose separation of the animal then locked in place by tightening the wing nut, Aluminum.



**01-1219** 2.25 \$  
Milk Sucking Preventor / Calf Weaner Metal  
Guard swings free allowing animal to eat and drink freely, yet prevents sucking. Made of Aluminum.



**01-1220** 8.25 \$  
Anti Kick Device  
Made of silver, sand-cast, powder coated, screw made of carbon steel.



**01-1221** 19.50 \$  
Dog Muzzle A - B  
This well-fitting, comfortable muzzle is made based on special strong metallic construction to maintain the shape of the muzzle and to assure long life for the muzzle. Powder coating makes this muzzle rust resistant. Due to great design the muzzle provides the dog with best ventilation. Also available in stainless steel without powder coating.



**01-1222** 21.60 \$  
Dog Muzzle A - B



**01-1223** 7.50 \$  
Anti Kick Bar / Kick-Stop Cow Immobilizes  
Fits any size animal by means of an easy, push button. Just slip over back and thigh area and push the button to reach proper adjustment. When in position, the animal will not kick its hind legs.



**01-1224** 50.00 \$  
Equivet Full Mouth Speculum  
Made of Stainless steel sand-cast. Adjustable straps for secure fit to the horse. Stainless steel spring loaded ratchets on both sides of speculum keep the mouth open at the desired setting during use. This sturdy full mouth speculum comes with upper and lower tooth plates.



# CENTRAL

SURGICAL CO. (PVT) LTD.

## Ring Applicators

2.80 \$, 2.80 \$, 3.40 \$, 3.50 \$



Clips  
Sizes No.3, No.4, No.5, No.6

Set of 100

3.75 \$

**01-1225** Snout Pig Ring Applicator

Sand cast, Stainless steel snout pig ring applicator. Length 6" s/s.



Rings 24.60 \$

Sizes: 20 mm 25 mm 30 mm 40 mm

8.50 \$

**01-1226** Nose Ring Applicator

Make pig ringing quick, easy and painless. Rings go between nostrils. Length 10".



15.00 \$

**01-1227** Bull Nose Punch

For piercing the bull's nose cartilage prior to insertion of the nose ring. This tool makes the job more animal friendly.



17.50 \$

**01-1228** Bull Ring Applicator Economy

This metal applicator will do rings up to 77mm x 10mm (3 inch) Length overall is 11".



17.50 \$

**01-1229** Bull Ring Applicator Heavy Duty

Stainless Steel bull ring applicator. Excellent Quality. This is a far superior product than the standard steel applicators.



1.50 \$

**01-1230** Bull Ring Stainless

The special sharp cutting points pierce the nasal septum easily with no pre-incision. Size's Available: 2", 2.5", 3", 3.5".



**01-1231** Bull Ring Brass 1.75 \$

Brass bull ring is self-piercing and extremely durable. A long, sharp piercing point ensures a clean cut. Size's Available: 2", 2.5" 3", 3.5"

## Teat Instruments



**01-1232** Teat Splitter 4.50 \$

Opens test sphincter for greater milk flow. Available with loops. Length 8", brass and s/s.



**01-1234** Hug's Teat Tumor Extractor 1.50 \$

Effective tool used to remove fibrous tissue to prevent calculi from forming: Length 6", brass and s/s.



3.85 \$

**01-1236** Cornell teat curette

Stainless steel with spiral cutting edge 6"



3.25 \$

**01-1238** Hug's Teat Knife / Teat Lancet

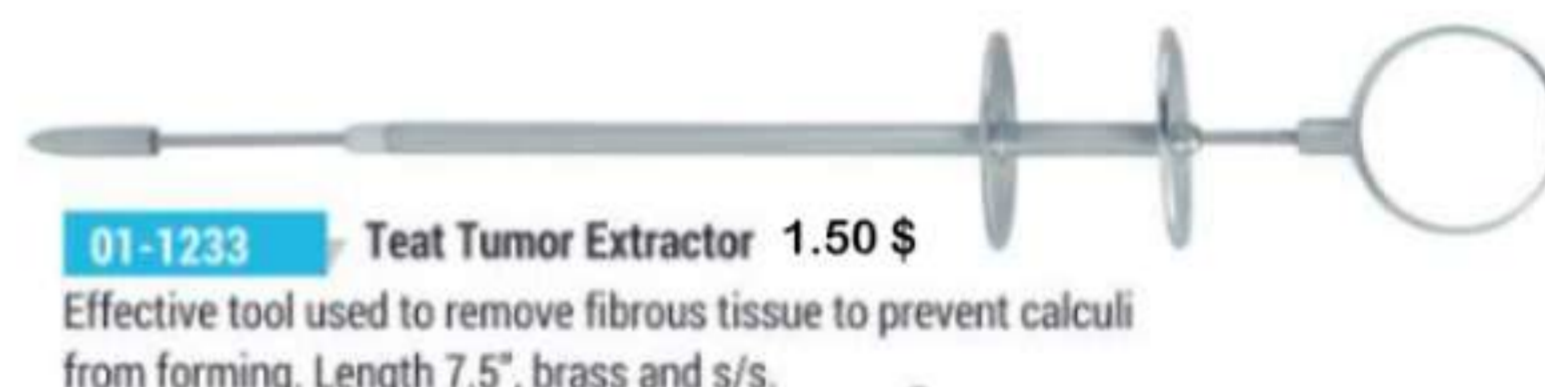
Length 6", blade 0.5", s/s.



4.30 \$

**01-1239** Sudan Blood Taking Needle

Length 3.5", brass and s/s.



**01-1233** Teat Tumor Extractor 1.50 \$

Effective tool used to remove fibrous tissue to prevent calculi from forming. Length 7.5", brass and s/s.



**01-1235** Danish Teat Splitter 2.20 \$

Extra thin model. Blades are opened by loosening the small burr on side of the instrument: Length 7.5", brass and s/s.



**01-1237** Teat Syphons 0.40 \$

Milking Tube Length 3.75", brass and s/s.



**01-1240** Milking Tube 0.63 \$

Length 4.25", brass and s/s.



## Vaginal Specula



**01-1241** Polansky 22.50 \$  
3 Blades for wide exposure. Butterfly screw with 2 blades.  
Blades Length 27cm, Overall Length 35 cm, Max.  
opening 10 cm, s/s.



**01-1242** Polansky Junior 26.50 \$  
3 blades for wide exposure. Butterfly  
with 2 blades Blades Length 24cm, s/s.



**01-1243** Winterton 3.80 \$  
Blades Length 10cm, s/s.



**01-1244** Russian 22.50 \$  
Blades Length 23cm, s/s.



**01-1245** Graves 3.10 \$  
Blades Length 15cm, s/s.



## Snaffles. Dee. Ring Snaffle Bits



4.00 \$

**02-1246** Rings stainless steel

4" to 5-1/2" mouth size available. Ring varies from 45mm to 75mm.



6.50 \$

**02-1247** Rings stainless steel

Mouth and rings made of stainless steel.



8.25 \$

**02-1248** Rings stainless steel

Rings stainless steel. Mouth german steel.



9.00 \$

**02-1249** Rings stainless steel

Rings stainless steel. Mouth carban steel with leather cover.



4.00 \$

**02-1250** Rings stainless steel

Stainless steel rings. Mouth made of rubber.



7.50 \$

**02-1251** Rings stainless steel

D bit with 5" rubber covered mouth. Stainless steel. Also available in chrome plating.



7.00 \$

**02-1252** D ring snaffle

made of stainless steel. 4-1/2" to 5-1/2" mouth sizes available.



6.00 \$

**02-1253** Rings stainless steel

Stainless steel. mouth made of german steel including chain.



4.00 \$

**02-1254** Rings stainless steel

Rings and mouth made of stainless steel.



4.00 \$

**02-1255** Ring Stainless steel

Stainless steel rings. Link and mouth made of stainless steel.



4.00 \$

**02-1256** Ring Stainless steel

Stainless steel rings. Link made of red copper. Stainless steel mouth.



8.50 \$

**02-1257** Ring Stainless steel

Stainless steel rings. Link and mouth made of red copper.



12.50 \$

**02-1258** Ring Stainless steel

Brass rings. Link and mouth made of brass.



8.00 \$

**02-1259** Ring Stainless steel

Stainless steel.



8.50 \$

**02-1260** Ring Stainless steel

Stainless steel. Mouth made of german steel.



8.50 \$

**02-1261** Ring Stainless steel

Stainless steel.



10.00 \$

**02-1262** Ring Stainless steel

Stainless steel.



8.00 \$

**02-1263** Ring Stainless steel

Stainless steel. Mouth german steel including chain.



10.00 \$

**02-1264** Ring Stainless steel

Stainless steel.



10.00 \$

**02-1265** Ring Stainless steel

Link german silver. Mouth made of stainless steel.



9.00 \$

**02-1266** Ring Stainless steel

Stainless steel pelham including chain.



## Spurs and Stirrups



8.00 \$

### 02-1280 Spurs Stainless Steel

Stainless steel spurs with brass buttons and rowel. Also available in chrome plating. 2pcs set.



5.50 \$

### 02-1281 Spurs Stainless Steel

Stainless steel spurs. 2pcs set.



5.00 \$

### 02-1282 Spurs Stainless Steel

Classic hunt and jump spurs in the popular loop end style. Stainless steel. 2pcs set.



5.00 \$

### 02-1283 Spurs Stainless Steel

Fine engraving with loop end style. Stainless steel. 2pcs set.



12.50 \$

### 02-1284 Spurs Stainless Steel

Stainless steel spurs. Gold plated. 2pcs set.



6.00 \$

### 02-1285 Spurs Stainless Steel

Carbon steel spurs with powder coating. Buttons and rowel made of brass.



13.00 \$

### 02-1286 Spurs Stainless Steel

Carbon steel spurs powder coated with brass buttons. 16 point rowel. 2pcs set.



9.00 \$

### 02-1287 Spurs Stainless Steel

Brass spurs with 10 point rowel. 2pcs set.



10.00 \$

### 02-1288 German steel stirrup

Including rubber, 2pcs set. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1289 Stainless steel stirrup

Including rubber, 2pcs set. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1290 Stirrup

Stainless steel stirrup, flexible. Including rubber, 2pcs set.



10.00 \$

### 02-1291 Stainless steel stirrup

Including rubber, 2pcs set. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1292 Stainless steel stirrup

Including rubber, 2pcs set. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1293 Stainless steel stirrup

Stainless steel stirrup, Including rubber, 2pcs set. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1294 Stainless steel stirrup

Stainless steel stirrup, Including rubber, 2pcs set. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1295 Stainless steel stirrup

Especially designed for polo players. Sizes Available: 4", 4 1/4", 4 1/2", 4 3/4", 5".



10.00 \$

### 02-1296 Rubber for stirrups

Rubber for stirrups. 2pcs set.



## Halters & Reins

**CENTRAL**  
SURGICAL CO. (PVT) LTD.



4.00 \$

**02-1297** Halters & Reins  
Nylon halter for cows.



20.00 \$

**02-1298** Halters & Reins  
Genuine leather halter with brass rings.



28.12 \$

**02-1299** Halters & Reins  
Genuine leather halter with brass rings.



22.50 \$

**02-1300** Halters & Reins  
Fancy halter with brass c/p rings, Genuine leather.



20.00 \$

**02-1301** Halters & Reins  
Bridle made of genuine leather. Including rein.



25.00 \$

**02-1302** Halters & Reins  
Leather bridle including rein made of cotton.



25.00 \$

**02-1303** Halters & Reins  
Leather bridle including rein made of leather.



9.00 \$

**02-1304** Halters & Reins  
Rein made of cotton 100" to 110".



9.00 \$

**02-1305** Halters & Reins  
Rein made of leather 100" to 110".



**02-1306** Halters & Reins  
Leather stirrup 52" to 58". 6.50 \$, 8.50 \$



3.00 \$

**02-1307** Halters & Reins  
Nylon halter with brass plated hardware.  
Available sizes: Small, Medium, Large.



3.00 \$

**02-1308** Halters & Reins  
Nylon halter with c/s, c/p hardware.  
Available sizes: Small, Medium, Large.

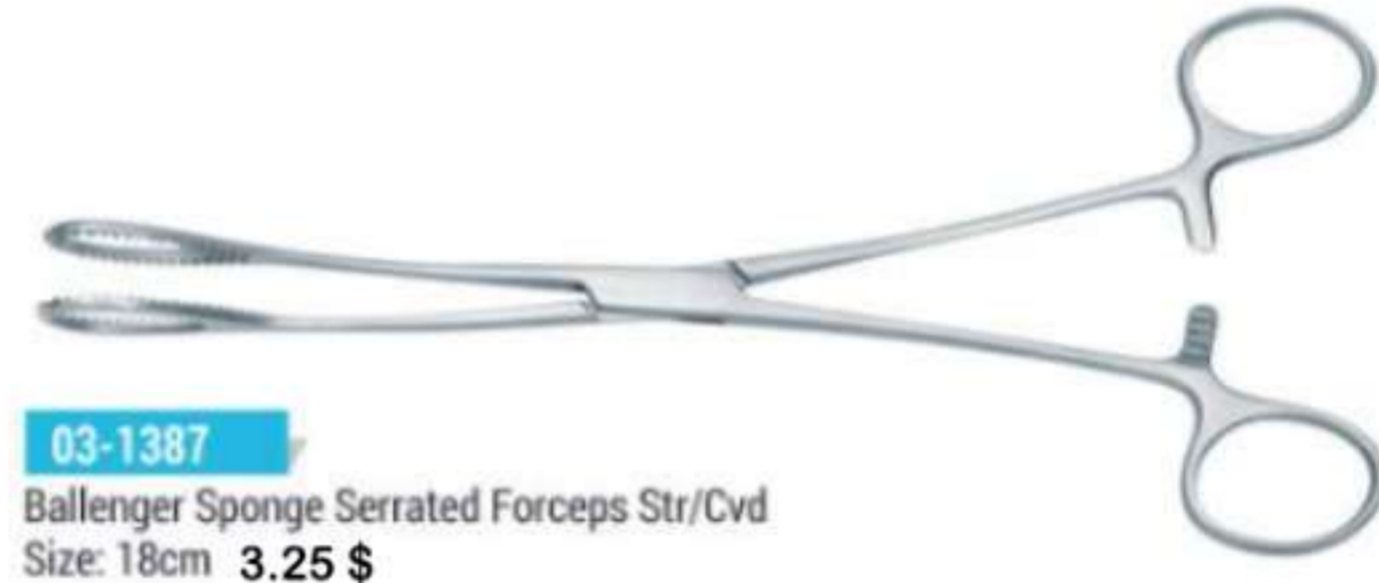
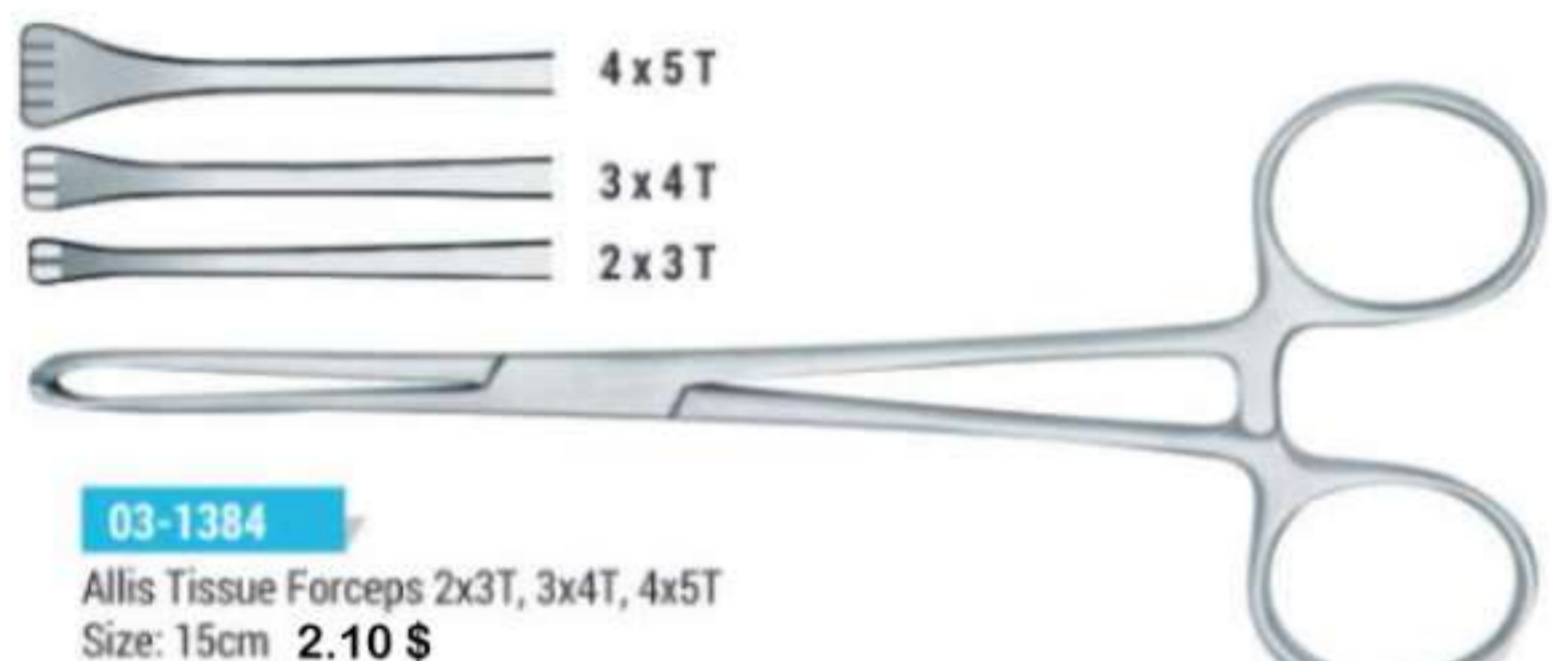
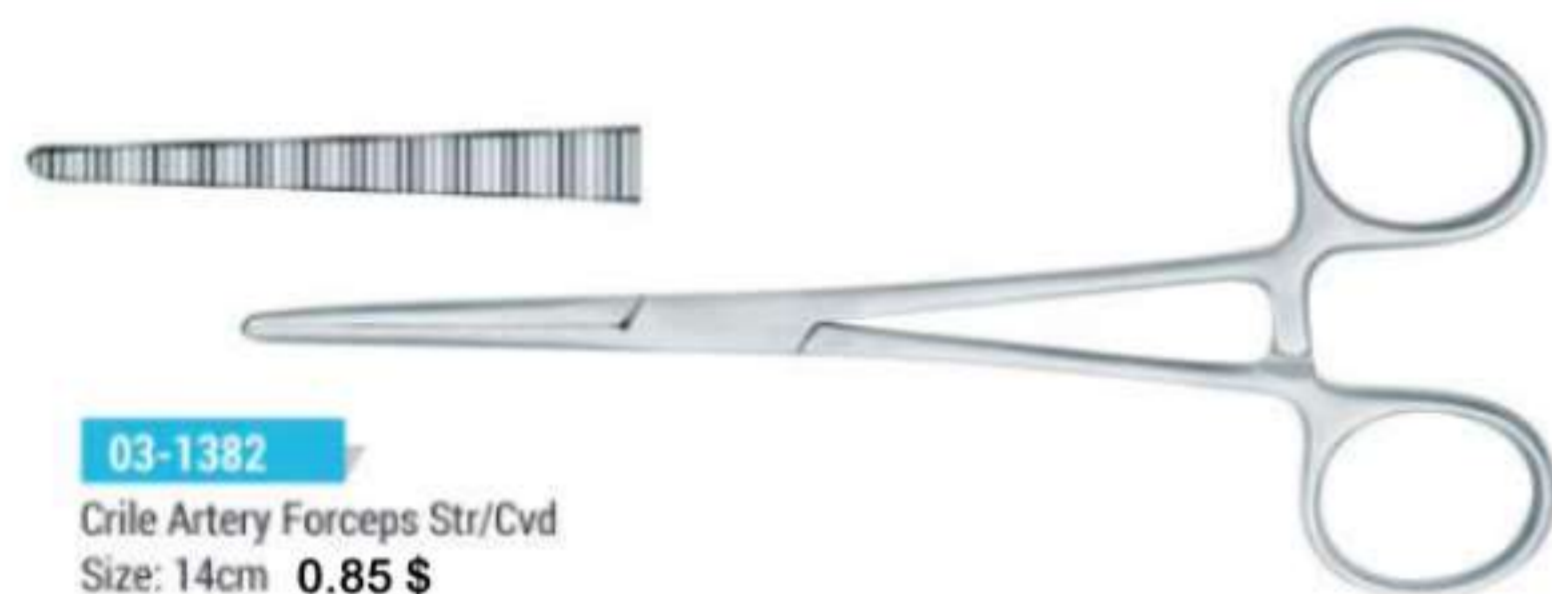


2.00 \$

**02-1309** Halters & Reins  
Nylon halter with c/s, c/p hardware.  
Available sizes: Small, Medium, Large.



## Surgical Forceps



## Towel Clamps





## Dressing and Tissue Forceps

### 03-1392

- (a) Adson Serrated Forceps Size: 12.5cm 0.85 \$  
(b) Adson Brown Dissecting Forceps Size: 12.5cm 1.30 \$  
(c) Adson Dissecting Forceps 1/2 Teeth Size: 12.5cm 0.90 \$

### 03-1393

Lanes Dissecting Forceps 1/2 Teeth  
Size: 15cm 1.20 \$

### 03-1394

Surgical Dressing Forceps  
Sizes: 13cm, 14cm, 16cm, 18cm, 20cm, 25cm, 30cm  
0.80\$, 0.90\$, 1.10\$, 1.30\$, 1.85\$, 2.45\$

### 03-1395

Standard Tissue Forceps 1/2 Teeth  
Sizes: 13cm, 14cm, 16cm, 18cm, 20cm, 25cm, 30cm  
0.90\$, 0.95\$, 1.10\$, 1.30\$, 1.40\$, 1.80\$, 2.55\$

### 03-1396

Russian Tissue Forceps  
Sizes: 16cm, 20cm  
3.00 \$, 4.50 \$



## Hollowares



### 03-1397

Kidney Dishes  
Sizes: 6", 8", 10" 12"  
1.55\$, 1.90\$, 2.40\$, 3.25\$



### 03-1398

Instrument Steel Boxes Box with Lid  
250mm x 120mm x 50mm 4.80 \$  
300mm x 150mm x 50mm 6.25 \$  
400mm x 200mm x 70mm 7.90 \$



### 03-1399

Lotion Bowls  
200mm x 100mm x 40mm  
Sizes: 6", 8", 10"  
1.20 \$, 1.85 \$, 3.30 \$

## Scalpel Handles

### 03-1400

Scalpel Handle No. 3 0.55 \$

### 03-1401

Scalpel Handle No. 4 0.55 \$





## Needle Holders



**03-1402**  
Mayo-Hegar  
14cm, 16cm, 18cm, 20cm  
1.10\$, 1.30\$, 1.70\$, 2.30\$



**03-1404**  
Derf, Size: 12cm 1.10 \$



**03-1406**  
Mathieu 14cm, 16cm, 18cm  
2.60\$, 2.90\$, 3.55\$



**03-1403**  
Crile-Wood, Size: 15cm 1.40 \$



**03-1405**  
Ryder, Size: 15cm 1.55 \$



**03-1407**  
Olsen Hegar 14cm, 17cm, 19cm  
1.80\$, 2.75\$, 3.40\$

## Scissors



**03-1408**  
Mayo Scissor, Str/Cvd  
Size: 14cm, 17cm, 21cm  
1.10\$, 1.90\$, 2.40\$



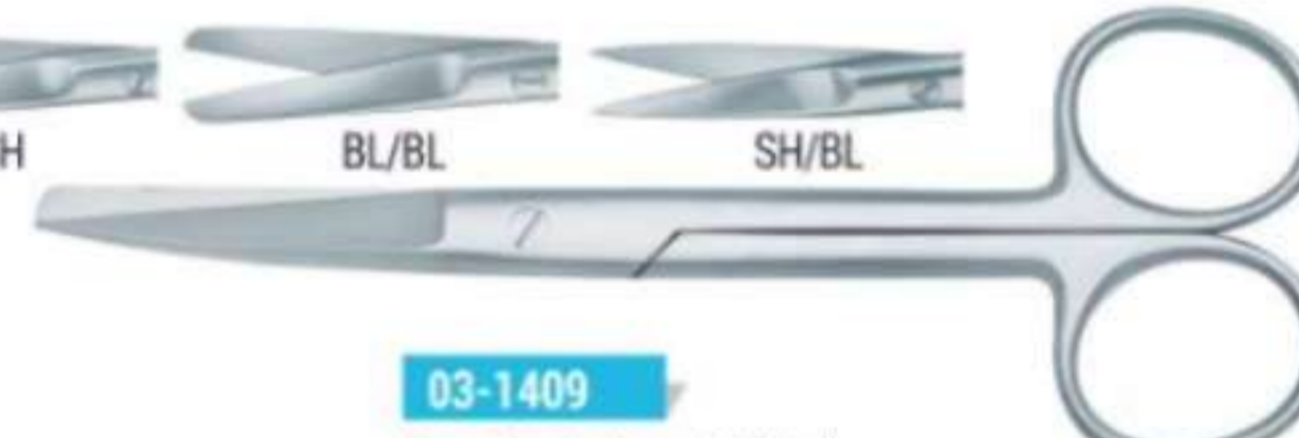
**03-1410**  
Metzenbaum Scissor, Str/Cvd  
Size: 12cm, 14cm, 18cm, 20cm  
0.90\$, 1.10\$, 1.80\$, 2.30\$



**03-1412**  
Iris Scissor, Str/Cvd  
Size: 11.5cm 0.90 \$



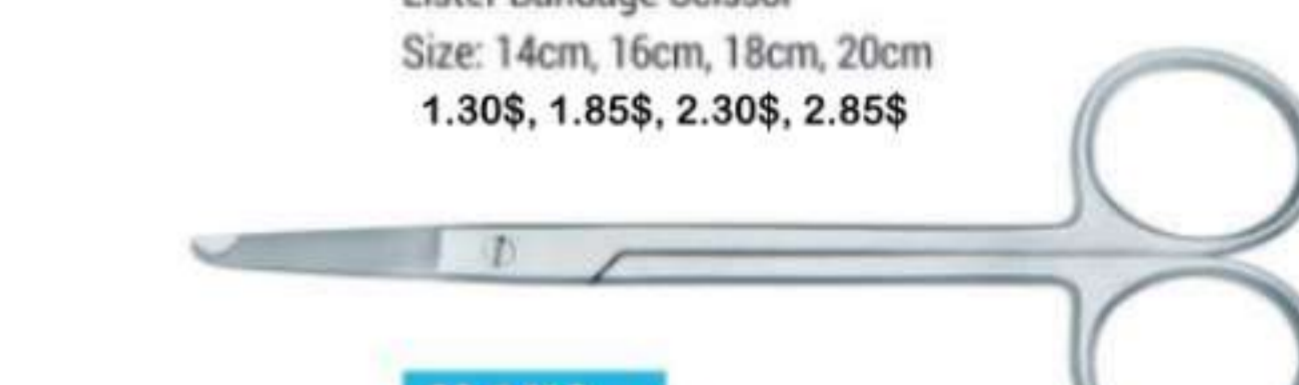
**03-1414** 1.25 \$  
Stevens Tenotomy Scissors, Str/Cvd, Size: 11.5cm



**03-1409**  
Dressing Scissor, Str/Cvd  
Size: 13cm, 14cm, 16.5cm, 20.5cm  
0.90\$, 1.10\$, 1.80\$, 2.30\$



**03-1411**  
Lister Bandage Scissor  
Size: 14cm, 16cm, 18cm, 20cm  
1.30\$, 1.85\$, 2.30\$, 2.85\$



**03-1413**  
Spencer Suture Scissors  
Size: 9cm, 13cm  
0.85 \$, 1.20 \$



**03-1415** 1.90 \$  
Umbilical Cord Scissors, Size: 11cm



## Retractors



**03-1416** Balfour Abdominal Retractor 22.50 \$  
Balfour Abdominal Retractor 180mm Opening  
Balfour Baby Abdominal Retractor 90mm Opening



**03-1419** Finochietto Rib Retractor 27.50 \$  
Finochietto Rib Retractor Small 75mm Spread  
Finochietto Rib Retractor Large 140mm Spread



**03-1421** Rib spreader Stainless steel 26.50 \$  
Rib spreader Stainless steel Standard Size,  
blades 48mm deep x 65mm wide, 12" Spread, Curved arms



**03-1423** Morris Single Ended Retractors 5.33 \$  
Morris Single Ended Retractor 5.2x3.8cm  
Morris Single Ended Retractor 5.2x5.2cm  
Morris Single Ended Retractor 5.2x6.4cm



**03-1417** Gelpi Retractors 19.40 \$  
Mini Gelpi Retractor 90cm Gelpi Retractor 14cm 5.5"  
Gelpi Retractor 18cm 7" Weitlaner Retractor 6.5" Sharp Teet



**03-1418** Travers Retractor 8.85 \$  
Travers 4x5 Teeth Retractor 20cm 8"



**03-1420** Weitlaner Retractors 6.50 \$  
Weitlaner Retractor 7" Blunt Teeth Small Weitlaner  
Retractor 5.5" Sharp 3x4 Teeth Weitlaner Retractor 6.5" Blunt 3x4 Teeth



**03-1422** Senn Miller Retractors 3.40 \$  
Senn Miller Retractor Blunt Teeth  
Senn Miller Retractor Sharp Teeth



**03-1424** Langenbeck Retractors 3.30 \$  
Langenbeck Retractors 2.3x0.7cm  
Langenbeck Retractors 4.4x1.3cm  
Langenbeck Retractors 6.5x2.5cm  
Langenbeck Retractors 9.0x2.0cm



## Equine Surgical Instruments



03-1425

32.50 \$

Cervix Forceps Equine Realted Size 21" 53cm Easy to hold pistol handle with step locking ratchet mechanism and easy to release one click hook for ease of operation.



03-1426

8.50 \$

Alligator Forceps 14cm 5.5" Serrated



03-1427

Jackson uterine biopsy forceps 21.50 \$

Stainless steel biopsy forceps has a 4mm x 28mm cutting area and 60cm long shaft. Popular for equine uterine biopsy



03-1428

21.50 \$

Mare Biopsy Punch 26". Mare Uterine Biopsy Punch is an equine reproduction product for ues in artificial insemination in horses. Mare biopsy punch with pistol grip handle and locking nut. (26") Long

## Miscellaneous Instruments



03-1429

Equine Stomach Pump

Size: 15.5 (Small) and 21(Large).  
Supplied with 10 feet long tube

47.50 \$



03-1430

Mini fibre optic Otoscope with Pouch

6.50 \$



03-1431

Mole Trap

55.00 \$



03-1432

1.30 \$

Digital Thermometer C or F  
(Picture for illustration Purposes only)



03-1433

90.00 \$

Embryotome Thygesen 85 cm



03-1434

Ear Syringe Complete: 7.85 \$  
50ml, 75ml, 100ml, 150ml, 200ml



## Root Elevators



03-1435 1.80 \$

Winged Elevators Standard Stubby 1mm-6mm



03-1436 1.80 \$

Winged Elevators Standard Handle 1mm-6mm



03-1437 1.80 \$

Straight Root Tip Elevator Standard Handle



03-1438 1.80 \$

Periosteal Elevator Standard Handle



03-1439 1.80 \$

Straight Root Tip Stubby Handle Elevators 1mm-2mm(Also Set of 2)



03-1440 1.80 \$

Set of Winged Tip Elevators in sizes 1-4mm



03-1441 1.80 \$

Set of Winged Tip Elevators in sizes 1-4mm



# CENTRAL

SURGICAL CO. (PVT) LTD.

## Scalers & Probes for Cats & Dogs



**03-1447**  
Explorer/Measuring Probe Standard 0.85 \$



**03-1449** 0.85 \$  
Jaquette Supragingival Scaler Double Ended



**03-1448**  
Periosteal Elevator Double Ended 0.85 \$



**03-1450**  
Subgingival Curette 0.85 \$

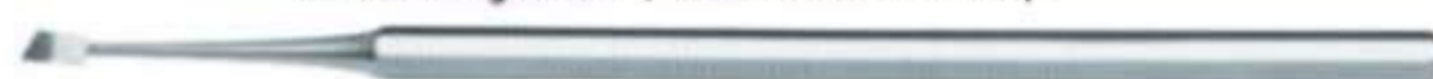


**03-1451**  
Sickle Scaler Normal 0.85 \$

## Specialized Dog Scalers



**03-1452**  
McCall Dog Scaler, Dual Ended 0.80 \$



**03-1454**  
Dog Scaler Left 0.80 \$



**03-1456**  
Periosteal Elevator No 9 0.80 \$



**03-1453**  
Kaplan Dog Scaler 0.85 \$



**03-1455**  
Dog Scaler Right 0.85 \$



**03-1457** 0.75 \$  
Examination Mirror Single Ended used for Small Animal Dentistry

## Dental Extraction Forceps & Mouth Retractors



**03-1458** 4.70 \$  
Extraction Forceps Angled Jaw, 12 cm



**03-1464** 13.50 \$  
6 pcs equine dental pick probe scallers



**03-1459** 4.70 \$  
Tooth Extraction Forceps, Angled & Straight Jaw, 2.5 cm



**03-1460** 6.50 \$  
Small Animal Forceps Fragment, 16.5 cm



**03-1461** 6.50 \$  
Root Tip Extraction Forcep, 15 cm



**03-1462** 4.80 \$  
Cheek Retractor Minnesota



**03-1463**  
Small Animal Mouth Gag Openers (Set of 5 Gags)



## VETERINARY INSTRUMENTS CATALOGUE



**CENTRAL**  
SURGICAL CO. (PVT) LTD.



Central Surgical Co. Pvt. Ltd., Hari Pur Chowk, 1.5 KM Durganwali  
Vil/Bhagowal Road, Sialkot-51310 Pakistan



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+92-337-1473030



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hassan@centralsurgical.com



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