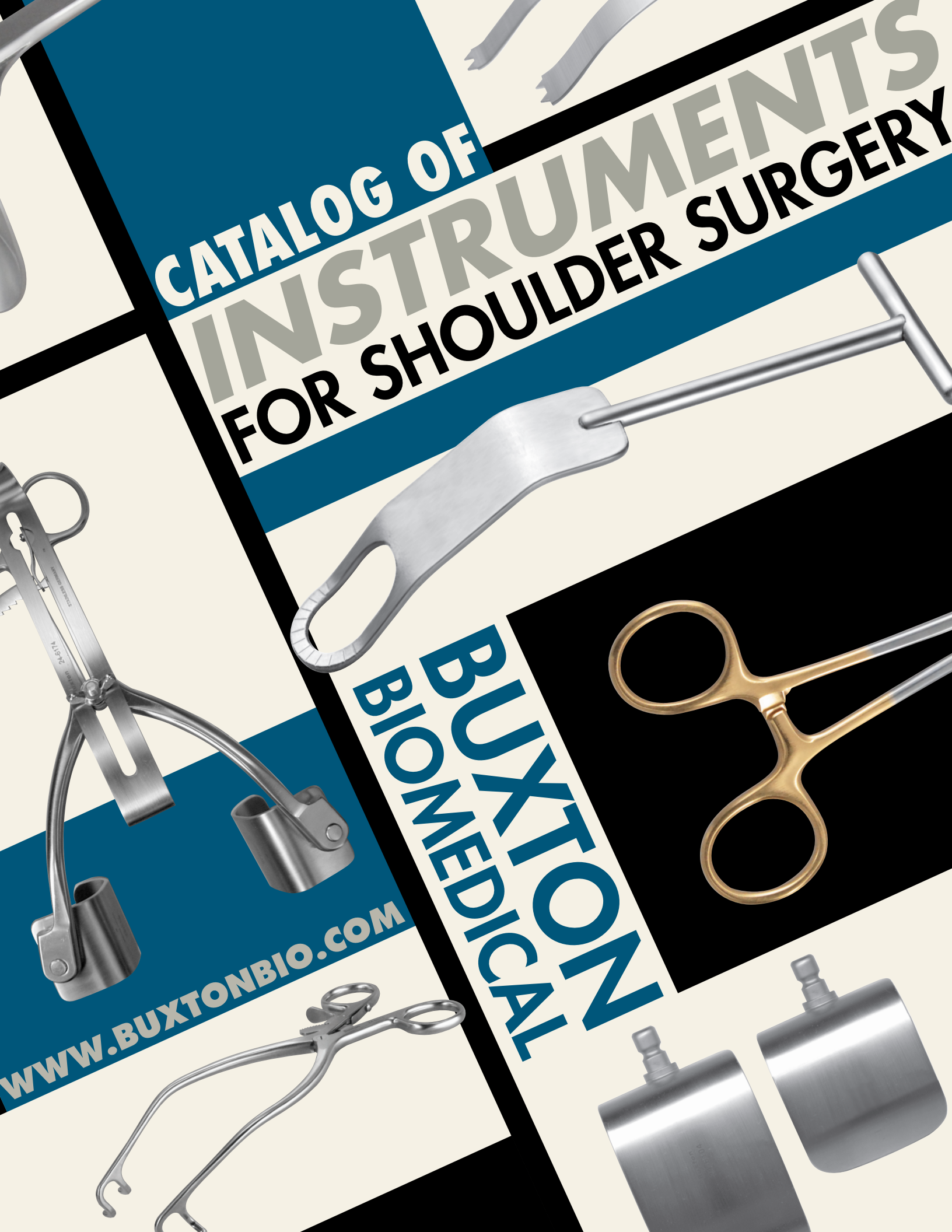


# CATALOG OF INSTRUMENTS FOR SHOULDER SURGERY

**BUXTON  
BIOMEDICAL**

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## About the Surgical Procedure

The surgical steps described in this brochure are neither comprehensive nor definitive and are only intended to show how the instruments offered might be used in the course of performing a variety of shoulder procedures. Information provided herein was compiled from several sources including the published materials listed on the following page. The surgeon is urged to consult these and other references for a more rigorous review of the indications, precautions and descriptions before attempting any repairs.

# Primary Retraction

## Richardson Retractors

240 mm long



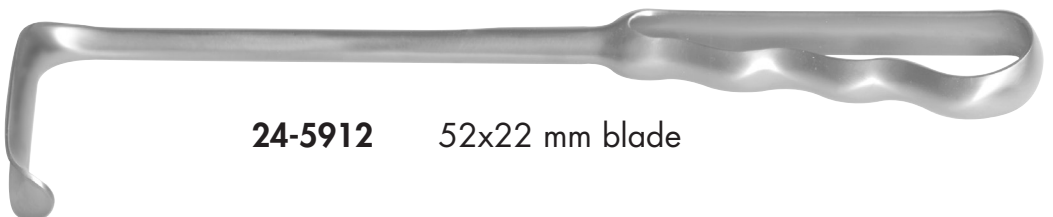
**24-5909** 28x20 mm blade



**24-5910** 30x28 mm blade



**24-5911** 38x37 mm blade



**24-5912** 52x22 mm blade



***Double ended Browne/Richardson Retractors on page 32***

# Primary Retraction

## Amazin' Retractor

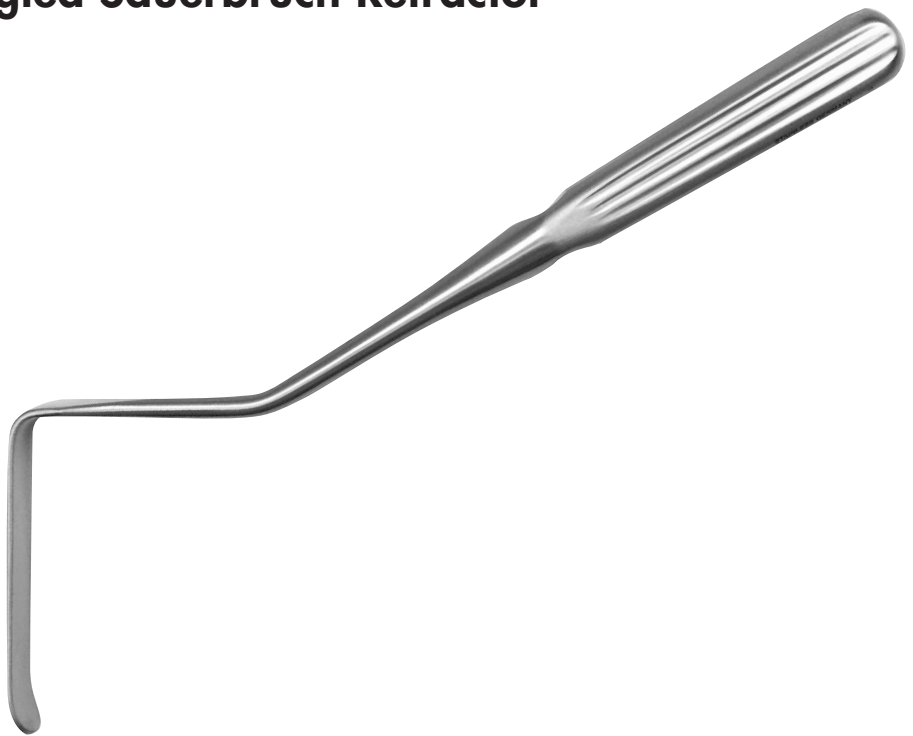
255 mm



**24-5945** 80x20 mm blade

## Angled Sauerbruch Retractor

255 mm overall length, angled

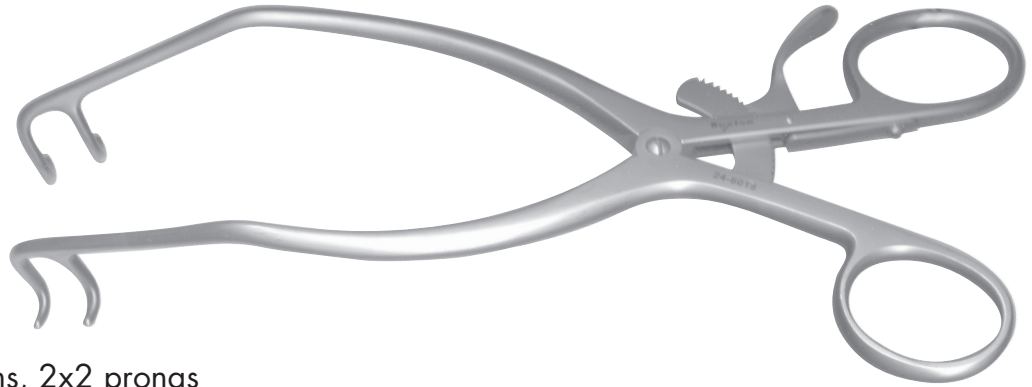


**24-5844** 70x20 mm blade

# Secondary Retraction

## Kölbel Soft Tissue Retractors

190 mm, self-retaining



**24-6015** angled arms, 2x2 prongs



**24-6016** straight arms, 1x1 prongs



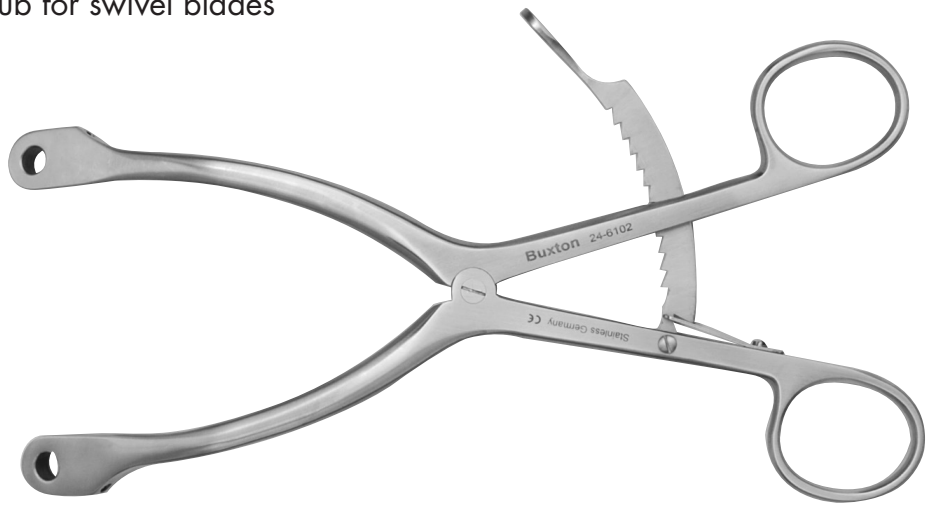
**24-6017** angled arms, 1x1 prongs

**24-6018** Set of three Kölbel Soft Tissue Retractors

# Deltpectoral Retraction

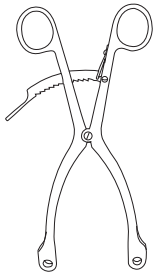
## Köbel Retractor

205 mm, self-retaining, snap-in hub for swivel blades



**24-6102** Frame Only

### AS SETS: KÖBEL FRAME WITH...

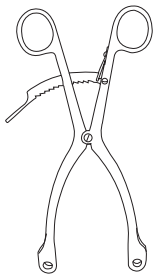


**24-6101** Basic Köbel Set with frame and 4 blades

*and*

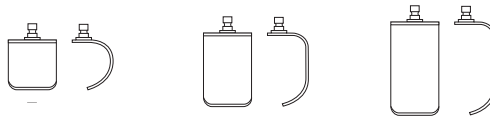


36 mm wide Köbel blades, 36, 53 and 68 mm deep

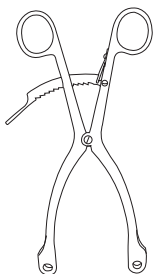


**24-6110** Standard Köbel Set with frame and 6 blades

*and*



36 mm wide Köbel blades, 36, 53 and 68 mm deep



**24-6120** Deluxe Köbel Set with frame and 12 blades

*and*



36 mm wide Köbel blades, 36, 53 and 68 mm deep

*and*

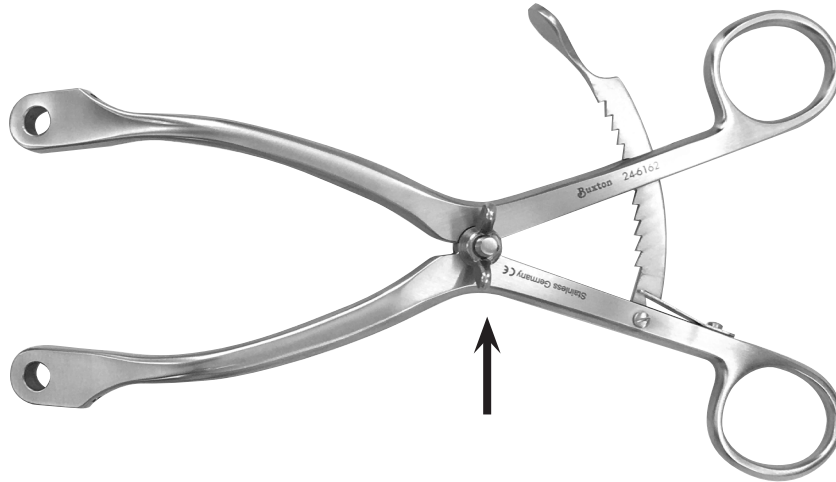


20 mm Narrow blades, 36, 53 and 68 mm deep

# Deltopectoral Retraction

## Modified Kölbel Retractor

205 mm, self-retaining, snap-in hub for swivel blades

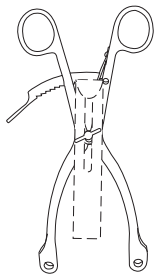


**24-6162** Frame Only, modified with center wingnut



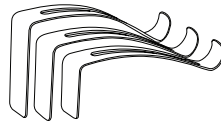
Shown here with  
Middle Blade attached.

### AS SETS: MODIFIED KÖLBEL FRAME WITH...



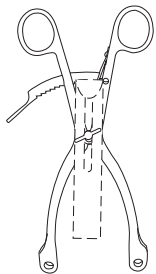
**24-6161** Kölbel Set with frame and 3 middle blades

and



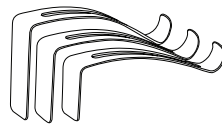
20 mm wide Middle Blades, 36, 53 and 68 mm

To modify an existing  
frame, turn to page  
17 for more informa-  
tion about our up-  
grade program.



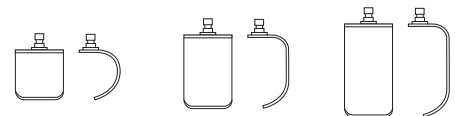
**24-6168** Standard Modified Kölbel Set with frame, 3 middle blades and 6 blades

and

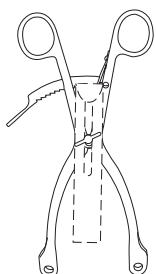


20 mm wide Middle Blades, 36, 53 and 68 mm

and



36 mm wide Kölbel blades, 36, 53 and 68 mm deep



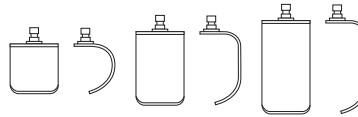
**24-6169** Deluxe Modified Kölbel Set with frame, 3 middle blades and 12 blades

and



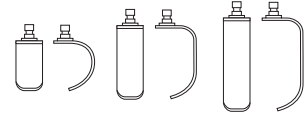
Kölbel Middle Blades, 36, 53 and 68 mm

and



36 mm wide Kölbel blades, 36, 53 and 68 mm deep

and

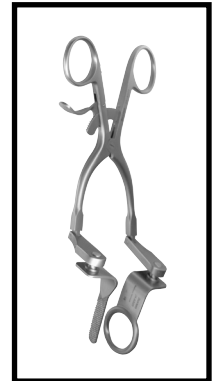


20 mm Narrow blades, 36, 53 and 68 mm deep

# Deltpectoral Retraction

## Mini Open Retractor

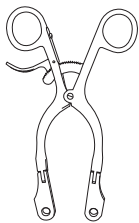
160 mm, self-retaining, articulating arms, snap-in hub for swivel blades



Subacromial Set, see below

**24-6302** Frame Only

### AS SETS: MINI OPEN FRAME WITH...

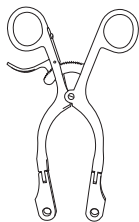


**24-6301** Mini Open Set with frame and 2 Narrow blades

*and*



20 mm wide Narrow Blades, 36 mm deep

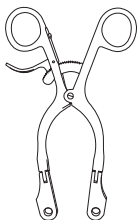


**24-6310** Mini Open Set with frame and 6 Narrow blades

*and*



20 mm Narrow blades, 36, 53 and 68 mm deep



**24-6331** Subacromial Distractor Set with frame and distractor blades

*and*



"Berliner" blade

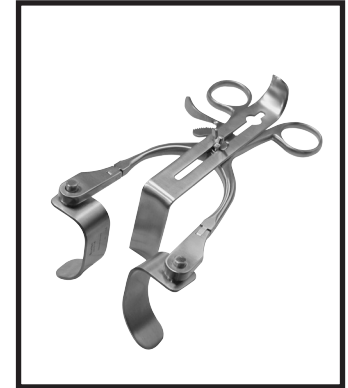
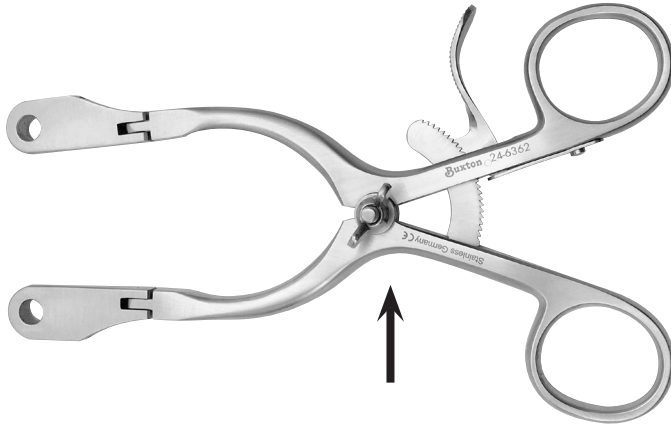


Lever blade

# Deltpectoral Retraction

## Modified Mini Open Retractor

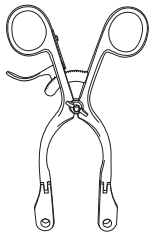
160 mm, self-retaining, articulating arms, snap-in hub for swivel blades



Shown here with Middle Blade and  
Narrow blades attached.

**24-6362** Frame Only, modified with center screw

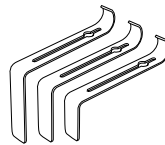
### AS SETS: MODIFIED KÖLBEL FRAME WITH...



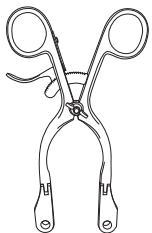
**24-6361**

Modified MiniOpen Set with frame and 3 middle blades

*and*



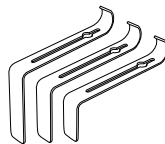
20 mm wide Middle Blades, 36 and 53 mm



**24-6368**

Standard Modified MiniOpen Set with frame, 3 middle blades and 6 blades

*and*



20 mm wide Middle Blades, 36, 53 and 68 mm



20 mm Narrow blades, 36, 53 and 68 mm deep

*To modify an existing frame, turn to page 17 for more information about our Upgrade Program.*

# Deltpectoral Retraction

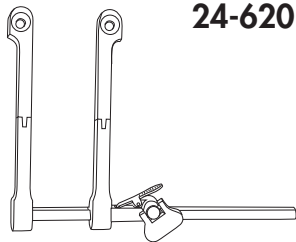
## Buxton's Rack and Pinion Retractor

200 mm wide, self-retaining, articulating arms, snap-in hub for swivel blades



**24-6202** Frame Only

### AS SETS: RACK AND PINION FRAME WITH...

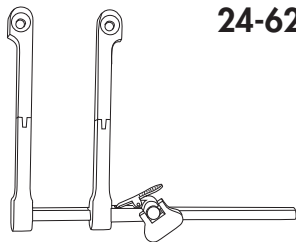


**24-6201** Basic Rack and Pinion Set with frame and 4 blades

*and*

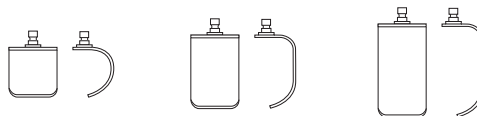


36 mm Köbel wide blades, 36, 53 and 68 mm deep

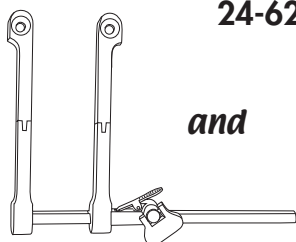


**24-6210** Standard Rack and Pinion Set with frame and 6 blades

*and*



36 mm wide Köbel blades, 36, 53 and 68 mm deep



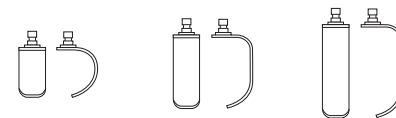
**24-6220** Deluxe Rack and Pinion Set with frame and 12 blades

*and*



36 mm wide Köbel blades, 36, 53 and 68 mm deep

*and*

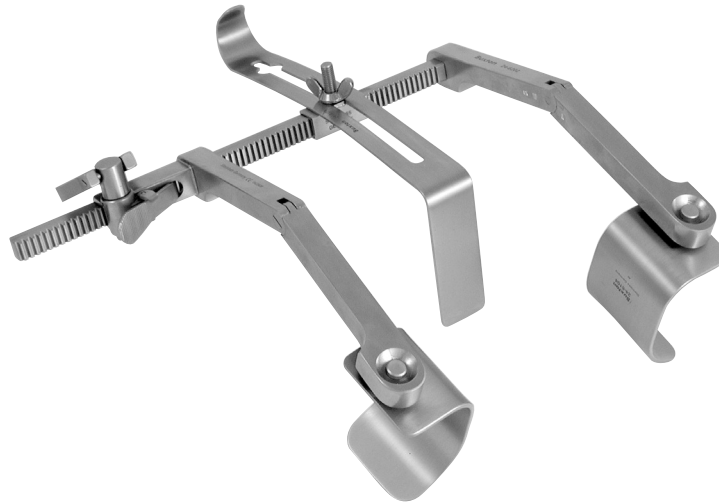


20 mm Narrow blades, 36, 53 and 68 mm deep

# Deltpectoral Retraction

## Buxton's Rack and Pinion 3rd Arm Retractor

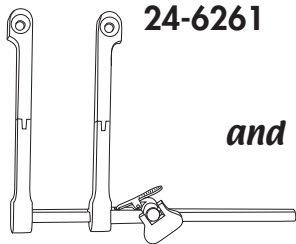
200 mm, self-retaining, articulating arms, snap-in hub for swivel blades, with sliding 3rd arm anchor



Already have the basic frame? See page 17 for center blade and upgrade information.

**24-6202** Frame Only  
**24-6262** Anchor Only

### AS SETS: RACK AND PINION FRAME WITH...



**24-6261**

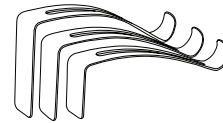
Basic Rack and Pinion 3rd Arm Set with frame, anchor and 3 Middle blades

and

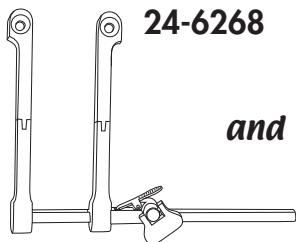


Sliding Anchor for attaching middle blades

and



Köbel Middle Blades, 36, 53 and 68 mm



**24-6268**

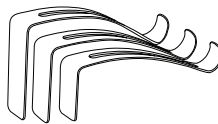
Standard R&P 3rd Arm Set with frame, anchor, 3 middle blades and 6 blades

and



Anchor

and

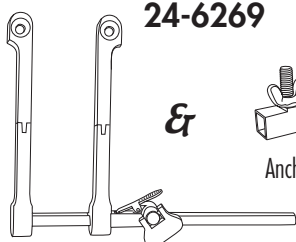


Köbel Middle Blades, 36, 53 and 68 mm

and



36 mm Köbel blades, 36, 53 and 68 mm deep



**24-6269**

Deluxe R&P 3rd Arm Set with frame, anchor, 3 middle blades and 12 blades

&



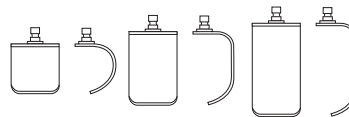
Anchor

&



Köbel MBs, 36, 53 and 68 mm

&



36 mm Köbel blades, 36, 53 and 68 mm

&



20 mm Narrow blds, 36, 53 and 68 mm

# Deltpectoral Retraction

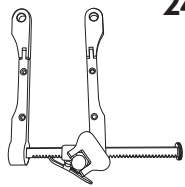
## Buxton's Mini Rack and Pinion Retractor

125 mm, self-retaining, articulating arms, snap-in hub for swivel blades



**24-6402** Frame Only

### AS SETS: RACK AND PINION FRAME WITH...

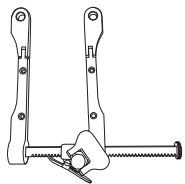


**24-6401** Mini Rack and Pinion Set with frame and 2 Narrow blades

*and*



20 mm wide Narrow Blades, 36 mm deep



**24-6410** Mini Rack and Pinion Set with frame and 6 Narrow blades

*and*



20 mm Narrow blades, 36, 53 and 68 mm deep

## Distal Radius Retractor Frame

150 mm, lightweight, self-retaining, with snap-in hub for swivel blades



**52-5802** Frame Only

# Deltapectoral Retraction

## Kölbel Blades (original width)

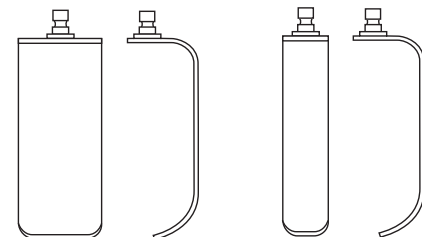
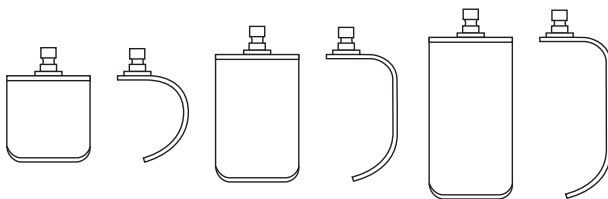
36 mm wide swivel blades with snap in hub



24-6103	36 mm deep
24-6104	53 mm deep
24-6105	68 mm deep
24-6106	85 mm deep

Shown here in 53 mm depth

## AS SETS: KÖLBEL BLADES IN COST-SAVING GROUPINGS



**24-6118** Set of 6 Kölbel blades in three depths (36, 53 & 68 mm)

**24-6219** Lineman Set, two pairs of 85 mm **deep** blades in 36 and 20 mm widths

# Deltapectoral Retraction

## Narrow Blades

20 mm wide swivel blades with snap-in hub



Shown here in 53 mm depth

**24-6113** 36 mm deep

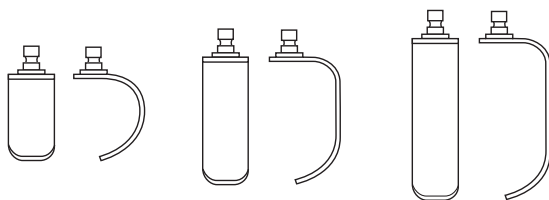
**24-6114** 53 mm deep

**24-6115** 68 mm deep

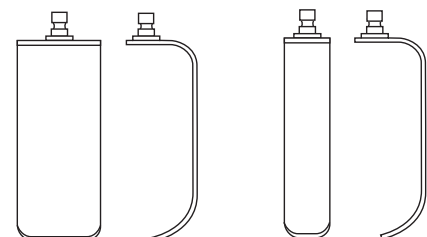
**24-6116** 85 mm deep

**24-6112** 20 mm deep

## AS SETS: NARROW BLADES IN COST-SAVING GROUPINGS



**24-6119** Set of 6 Narrow Blades  
in three depths  
(36, 53 & 68 mm)



**24-6219** Lineman Set, two pairs of  
85 mm **deep** blades in  
36 and 20 mm widths

# Deltopectoral Retraction

## Shallow "Minimalist" Blades

20 mm wide swivel blades with snap in hub, slight distal bend



<b>24-6312</b>	20 mm deep
<b>24-6313</b>	36 mm deep
<b>24-6314</b>	53 mm deep
<b>24-6315</b>	68 mm deep

Shown here in 53 mm depth

## "Minute" Blades

10 mm wide swivel blades with snap in hub, slight distal bend



<b>24-6412</b>	20 mm deep
<b>24-6413</b>	36 mm deep
<b>24-6414</b>	53 mm deep

Shown here in 53 mm depth

# Deltpectoral Retraction

## Special Sizes and Applications

Additional blades that expand the usefulness of our Kölbel family of retractors



**24-6236** 55 x85 mm XL blade



**24-6333**

Berliner blade, 50 mm deep

**24-6343**

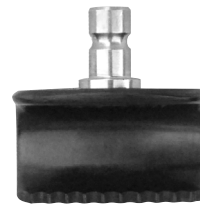
Lever blade, 50 mm deep



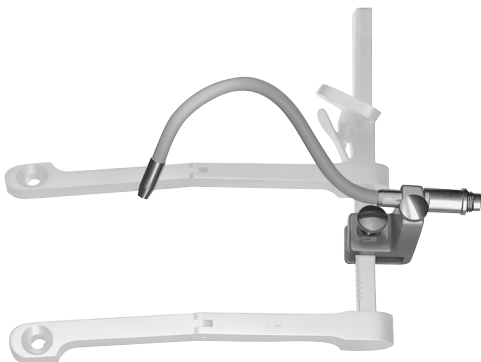
### CARBON FIBER BLADES

**52-5852CF** Carbon Fiber blade, 30x15 mm

**52-5855CF** Carbon Fiber blade, 30x30 mm



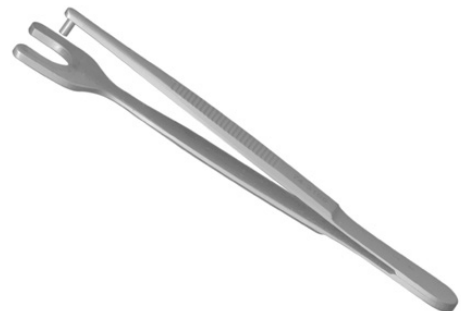
## Accessories



### Fiber Optic Light Attachment for R+P Retractor

**190-110** Fiber optic Clamp

**190-121** Fiber optic Rod, 150x6mm



**74-3199**

Blade Removing Forceps

# Deltapectoral Retraction

## Middle Blades for Kölbel frame

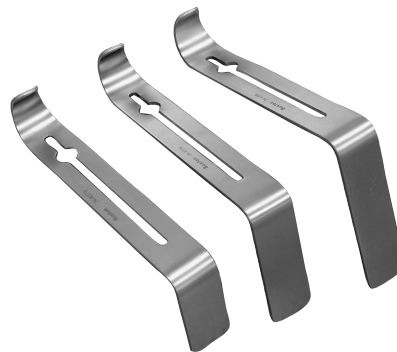
20 mm wide center blade for Kölbel and Rack & Pinion frames, slightly malleable



<b>24-6173</b>	36 mm deep
<b>24-6174</b>	53 mm deep
<b>24-6175</b>	68 mm deep

## Middle Blades for Mini Open Frame

20 mm wide center blade for Mini Open frame



<b>24-6373</b>	36 mm deep
<b>24-6374</b>	53 mm deep
<b>24-6375</b>	68 mm deep

## Upgrade Program

Buxton's Upgrade Program can retro fit third arm wingnuts to existing Kölbel and Mini Open frames and provides a third arm anchor for existing Rack and Pinion frames. For Kölbel and Mini Open frames, simply send in the frame (please call for RMA) and we will modify your frame in-house and will ship it back the same day. For R+P upgrades, we ship you the anchor which simply slides onto the retractor frame. **All upgrades include three middle blades** to accommodate the three main depths of Kölbel (side) blades: 36 mm, 53 mm and 68 mm.

<b>24-6179</b>	Upgrade for Kölbel Retractor
<b>24-6379</b>	Upgrade for Mini Open Retractor
<b>24-6279</b>	Upgrade for Rack & Pinion Retractor

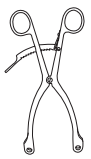
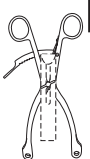
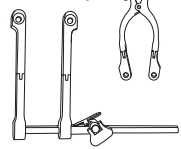


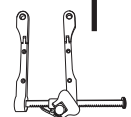



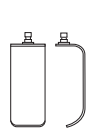



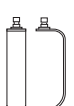


# Deltapectoral Retraction

## Retractor Set Chart

Frame Options

Swivel Blade Options (in mm)











	24-6102 Kölbel	24-6162 Mod.Kölbel	24-6202 Rack+Pinion	24-6302 Mini-Open	24-6362 Mod.Mini-Open	24-6402 Mini R+P	24-6103 36x36	24-6104 36x53	24-6105 36x68	24-6106 36x85	24-6113 20x36	24-6114 20x53	24-6115 20x68	24-6116 20x85
24-6101	1						2	2						
24-6110	1						2	2	2					
24-6120	1						2	2	2		2	2	2	
24-6201			1				2	2						
24-6210			1				2	2	2					
24-6220			1				2	2	2		2	2	2	
24-6301				1							2			
24-6310				1							2	2	2	
24-6331				1										
24-6161		1												
24-6168		1					2	2	2					
24-6169		1					2	2	2		2	2	2	
24-6261			1											
24-6268			1				2	2	2					
24-6269			1				2	2	2		2	2	2	
24-6361					1									
24-6368					1						2	2	2	
24-6401						1					2			
24-6410						1					2	2	2	
24-6179		*												
24-6279														
24-6379					*									
24-6118							2	2	2					
24-6119											2	2	2	
24-6219										2				2
24-6001	1						2	2	2	2				
24-8001	1		1				2	2	2	2	2	2	2	2
24-8500		1			1		2	2	2		2	2	2	
24-8600			1				2	2	2	2				
														

# Deltpectoral Retraction

## for Major and Minor Sets

Middle Blade Options

Special Swivel Blades

24-6173 K-MB 36mm	24-6174 K-MB 53mm	24-6175 K-MB 68mm	24-6262 MB Anchor	24-6373 MO-MB 36mm	24-6374 MO-MB 53mm	24-6375 MO-MB 68mm	24-6333 Berliner	24-6343 Lever	24-6414 10x53	
										Köbel Frame , plus 4 blades
										Köbel Frame , plus 6 blades
										Köbel Frame , plus 12 blades
										Rack & Pinion Frame , plus 4 blades
										Rack & Pinion Frame , plus 6 blades
										Rack & Pinion Frame , plus 12 blades
										Mini Open Frame , plus 2 blades
										Mini Open Frame , plus 6 blades
							1	1		Mini Open Frame , plus distractor blades
1	1	1								Modified Köbel Frame, plus 3 middle blades
1	1	1								Modified Köbel Frame, plus 3 mid. blades, 6 swivel
1	1	1								Modified Köbel Frame, plus 3 mid. blades, 12 swivel
1	1	1	1							R&P Frame, 3rd Arm Achr, 3 middle blades
1	1	1	1							R&P Frame, 3rd Arm Achr, 3 mid. blades, 6 swivel
1	1	1	1							R&P Frame, 3rd Arm Achr, 3 mid. blades, 12 swivel
				1	1	1				Modified MinOp Frame, 3 middle blades
				1	1	1				Modified MinOp Frame, 3 mid. blades, 6 swivel blade
										Mini R&P Frame, plus 2 blades
										Mini R&P Frame, plus 6 blades
1	1	1								Köbel frame: Screw conversion, plus 3 middle blades
1	1	1	1							R+P Wingnut Anchor, plus 3 middle blades
				1	1	1				Mini Open: Screw conversion, plus 3 middle blades
										"Standard" set of 6 Köbel blades, 36 mm wide
										"Upgrade" set of 6 Narrow blades, 20mm wide
										"Lineman" blade set, 85 mm deep blades
										Standard Shoulder Repair Set
										Deluxe Shoulder Repair Set
1	1	1		1	1	1	1	1	2	Optimal Shoulder Repair Set
1	1	1	1							Arthroplasty Repair Set
										

# Capsule Resection

## Subscapularis Spreader

175 mm, self-retaining



**24-5914** blunt tips  
**24-5915** semi-sharp tips

**24-5814** Double prong, blunt

## Capsule and Tendon Scissors

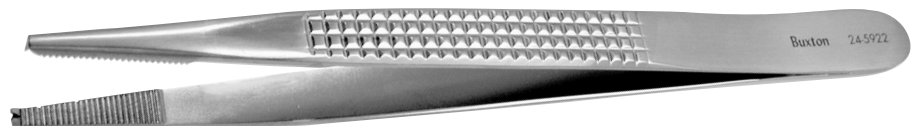
170 mm long, heavy duty



**24-5920** Tungsten-Carbide with micro-serrations

## Kölbel Tissue Forceps

170 mm long, heavy pattern



**24-5922** serrated platforms, 1x2 teeth

# Capsule Resection

## Kölbel Glenoid Levers

300 mm long



**24-6012** 15 mm wide blade, double prong



**24-6013** 22 mm wide blade, double prong



**24-6022** 15 mm wide blade, single prong



**24-6023** 22 mm wide blade, single prong

**24-6020** Set of Four Kölbel Glenoid Levers

# Capsule Resection

## CT Glenoid Lever

300 mm long



**24-6045** 32 mm wide blade, double prong

## Malouf Lever

300 mm long



**24-6043** 30 mm wide blade, blunt single prong

# Humeral Head Retraction

## Humeral Head Retractors

Blunt, strong curve



**24-6011** 190 mm long  
**24-6021** 300 mm long

## Skid Lever

285 mm long



**24-6014** Double ended, 28 mm and 18 mm wide ends

## Bhattman Humeral Head Retractor

230 mm long

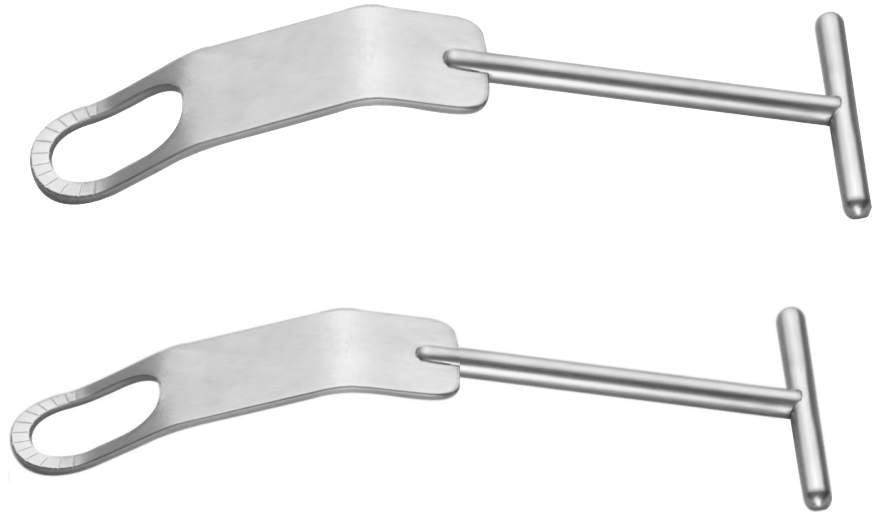


**24-6151** 35 mm wide head

# Humeral Head Retraction

## Kujat-Fukuda Retractors

225 mm long, distal rim angled forward



**24-6500** 35 mm wide  
**24-6505** 30 mm wide

## Classic Fukuda Retractors

195 mm long

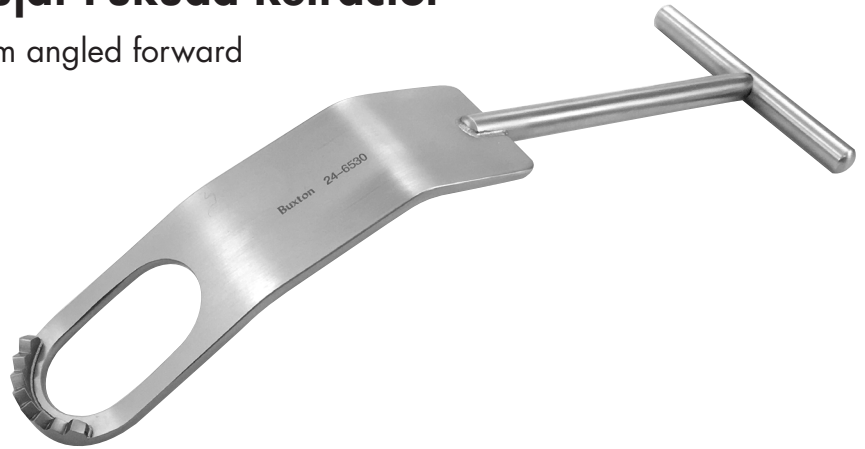


**24-6550** 38 mm wide  
**24-6555** 32 mm wide

# Humeral Head Retraction

## Toothy Kujat-Fukuda Retractor

225 mm long, raised tooth ridge, distal rim angled forward



- 24-6530** 35 mm wide, distal bend
- 24-6535** 30 mm wide, distal bend

## Toothy Fukuda Retractor

195 mm long, raised tooth ridge



- 24-6540** 38 mm wide
- 24-6545** 32 mm wide

## Fukuda Retractor, Jumbo Handle

220 mm long, Classic Fukuda with a comfortable large-sized handle



- 24-6510** 38 mm wide

# Bone Preparation

## Bone Nibbling Rongeur

180 mm long, rounded bite



**24-5917** light angle, 5 mm bite

## Kölbel Tenectomy Rongeur

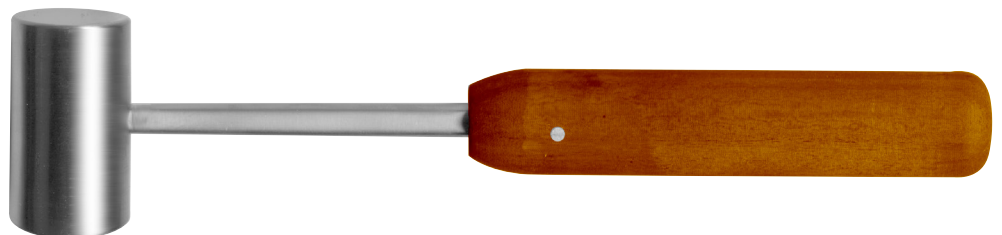
180 mm long, tapered bite



**24-5918** strong angle, tapered 5.0–2.5 mm

## Mallet with Phenolic Handle

240 mm long, linen phenolic handle



**24-5919** 300 g, 28 mm diameter head

# Bone Preparation

## Chisel Handle

190 mm, plastic handle



**24-4201** handle only

## Chisel Blades

40 mm long blades

**24-4205** 5 mm  
**24-4210** 10 mm  
**24-4216** 16 mm  
**24-4225** 25 mm



## Chisel Wrench

85 mm long

**24-4299** Screw-locking wrench only



## Interchangeable Chisel System

With handle, wrench and four chisel blades



**24-4200** Chisel Set

# Bone Preparation

## Half Round Rasps

180 mm, single direction rasp with smooth back

- 56-5141** straight
- 56-5143** curve back
- 56-5145** curve forward
- 56-5140** Set of 3 rasps



## Glenoid Rasp

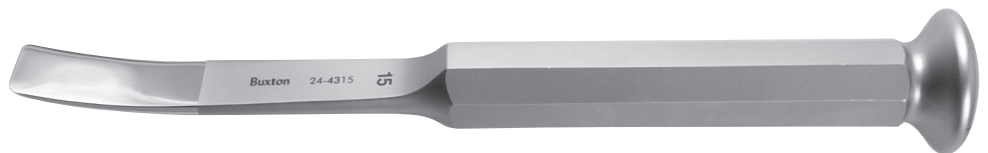
260 mm long, for prepping the glenoid for Latarjet transfer



- 24-5995** Coarse angled rasp

## Curved Osteotome

200 mm long, heavy strike head



- 24-4315** 15 mm wide blade
- 24-4320** 20 mm wide blade

# Bone Tunneling

## Percussion Awl

225 mm, heavy strike head



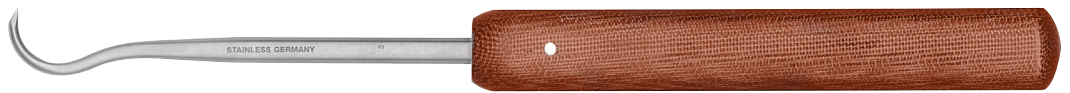
**24-6005** retrograde curve

## Penetrating Awls

Linen Phenolic handle



**24-6006** 185 mm long, small curve



**24-6026** 235 mm long, small curve



**24-6036** 235 mm long, large curve

## Bone Perforating Tenaculums

170 mm long



**24-6009** light angle



**24-6010** strong angle



**24-4009** large span

# Suture Passing

## Hollow Lumen Suture Passer

185 mm long, linen phenolic handle, lumen for passing sutures



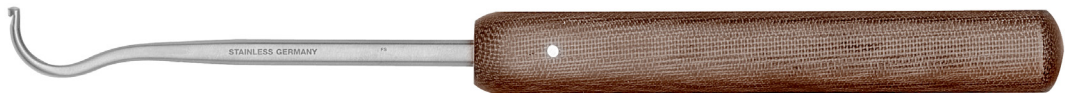
**24-6008** small curve

## Crochet Hook Suture Passers

Linen Phenolic handle, notched for passing looped sutures



**24-6007** 185 mm long, small curve



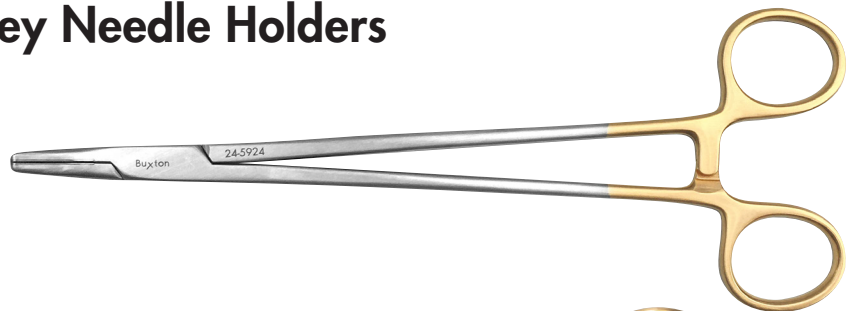
**24-6027** 235 mm long, small curve



**24-6037** 235 mm long, large curve

## Heaney Needle Holders

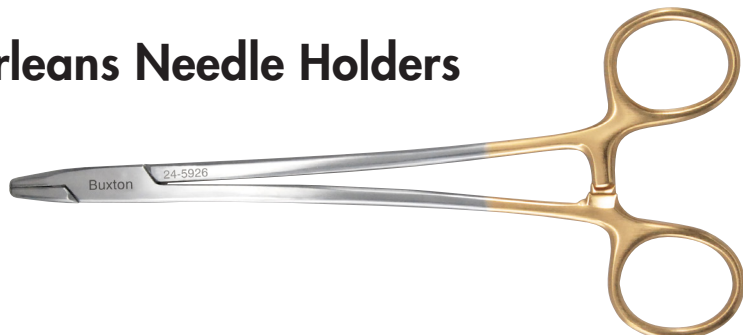
205 mm long



**24-5924** carbide jaws, curved

## New Orleans Needle Holders

180 mm long



**24-5926** carbide jaws, straight

# Suture Passing & Management

## Transosseous Rotator Cuff Repair Set

6x10 inches, organizing autoclavable set



- 24-4001** Transosseous Set in case  
**24-4002** Case Only, base, lid and silicone holders

### SET DETAIL

<b>1 x 24-6026</b>	Penetrating Awl, 235 mm small
<b>1 x 24-6027</b>	Crochet Hook, 235 mm, small
<b>1 x 24-6036</b>	Penetrating Awl, 235 mm, large
<b>1 x 24-6037</b>	Crochet Hook, 235 mm, large
<b>1 x 24-4002</b>	Transosseous Case

## McIntosh Clamp

125 mm wide, adjustable tension

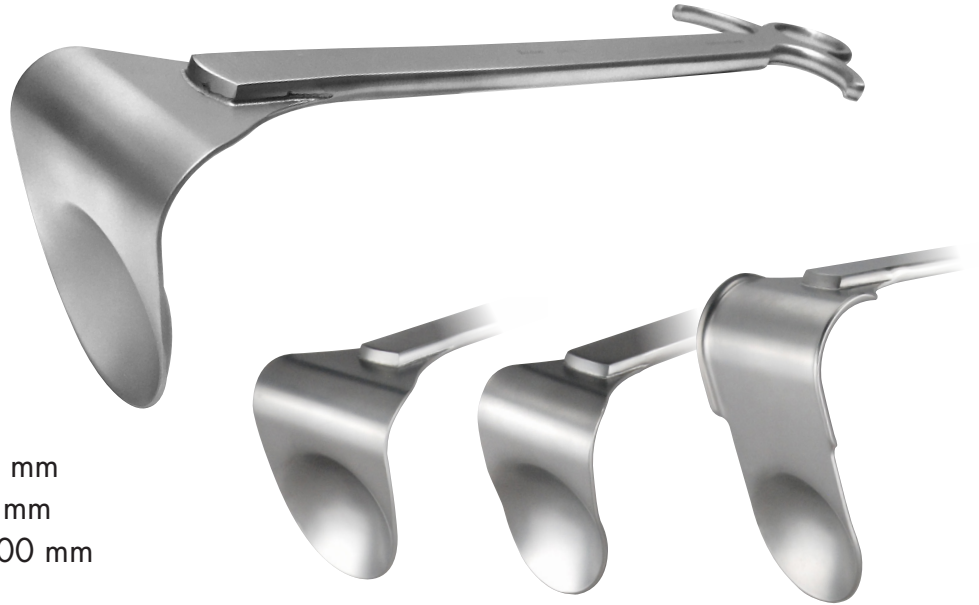


- 190-210** Clamp, slotted bar for holding sutures

# Deltoid Retractors

## Browne Deltoid Retractors

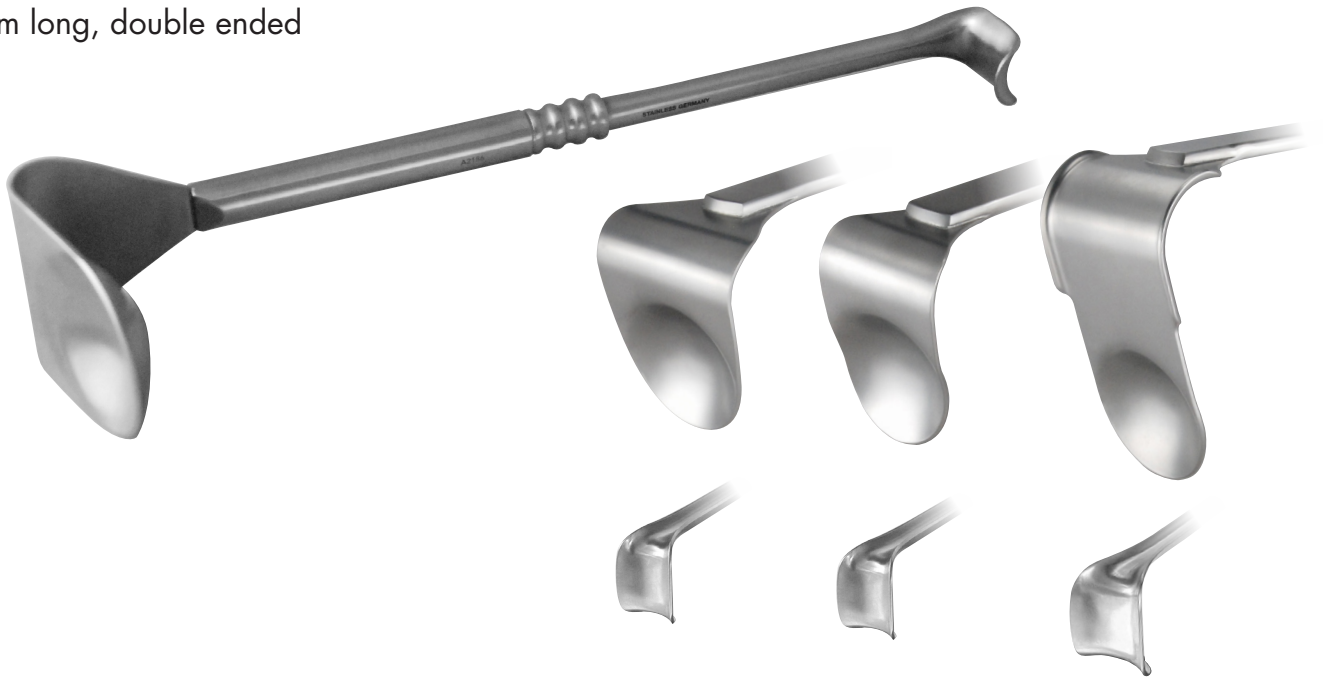
275 mm, anchor handle



- 24-6121** Original width, 50 mm
- 24-6123** Narrow width, 40 mm
- 24-6125** Deep reach, 50x100 mm

## Browne Deltoid + Richardson Retractor combination

260 mm long, double ended



- 24-5821** Narrow Browne: 40x70mm blade + Richardson: 20x28 mm blade
- 24-5823** Original Browne: 50x70mm blade + Richardson: 20x28 mm blade
- 24-5825** Deep Browne: 50x100mm blade + Richardson: 28x30 mm blade

# Darrach Retractors

## Darrach Acromial Levers

Serrated tips

**24-6131** Darrach Retractor, 260 mm x 9 mm



**24-6133** Darrach Retractor, 260 mm x 12 mm



**24-6135** Darrach Retractor, 260 mm x 16 mm



**24-6137** Darrach Retractor, 360 mm x 25 mm



**24-6130** Set of four Darrach Acromial Levers

### SET DETAIL

1 x 24-6131	Darrach Retractor, 260 x 9 mm
1 x 24-6133	Darrach Retractor, 260 x 12 mm
1 x 24-6135	Darrach Retractor, 260 x 16 mm
1 x 24-6137	Darrach Retractor, 360 x 25 mm

## Additional Darrach Acromial Levers

**24-6139** Darrach Retractor, 260 mm x 25 mm



**24-6141** Darrach Retractor, 260 mm x 19 mm



# Darrach Retractors

## Smooth Darrach Levers

Smooth tips



**24-6132** Darrach Retractor, 260 mm x 9 mm



**24-6134** Darrach Retractor, 260 mm x 12 mm



**24-6136** Darrach Retractor, 260 mm x 16 mm



**24-6142** Darrach Retractor, 260 mm x 19 mm



**24-6140** Darrach Retractor, 260 mm x 25 mm



**24-6138** Darrach Retractor, 360 mm x 25 mm

# Bone Levers and Retractors

## Narrow Tipped Hohmann Retractors



**33-6108** 220 x 8 mm wide



**33-6118** 240 x 18 mm wide



**33-6119** 18 mm wide, angled

## Broad Tipped Hohmann Retractors



**33-6322** 255 x 22 mm square



**33-6333** 280 x 33 mm square



**33-6424** 265 x 24 mm round

## Reverse Cloward Retractors

185 mm, ribbed handle



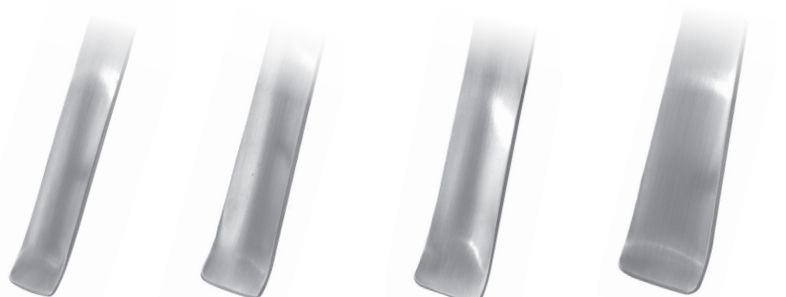
**34-3413** 13 mm wide

**34-3418** 18 mm wide

**34-3420** 20 mm wide

**34-3423** 23 mm wide

**34-3410** Set of 4 retractors



# Clamps and Spreaders

## Coracoid Clamp

230 mm long



**24-5952** 4 x 4 prong

## Ikuta Clamps

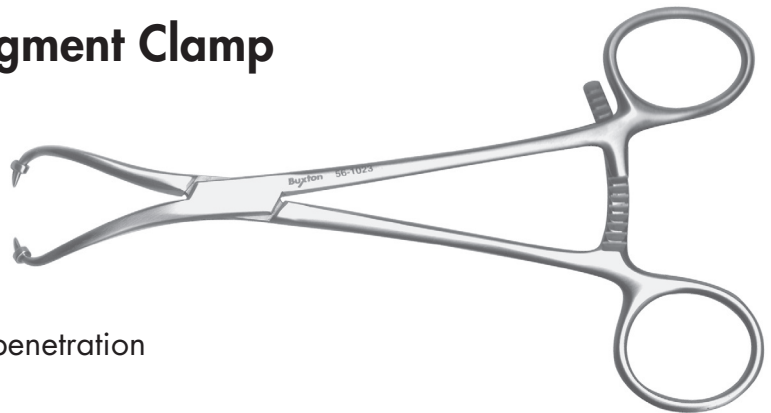
160 mm long



**56-1636** straight, 6.5 mm  
**56-1646** angled, 6.5 mm

## Bone Fragment Clamp

150 mm long



**56-1023** curved with "donut" stops to limit penetration

## Baby Inge Spreader/Distractor

160 mm long



**74-2727** 7 mm serrated platforms

# Shoulder Sets

## Optimal Set

Designed for today's busy surgery center, Buxton's Optimal Set provides the surgeon with just about everything needed from performing a Mini Open to a Bankart repair to a smaller arthroplasty. Updated to accommodate a Browne Deltoid Retractor and ultra narrow Minute Blades. Set is available for rental as well. Call for more details.



- 24-8500** Optimal Shoulder set with case  
**24-8511** Optimal Shoulder Case only with tray

## OPTIMAL SET CONTENTS:

### DELTOPECTORAL RETRACTORS

- 24-6162** Modified Kölbels Frame Only  
**24-6173** Middle Blade f/Kölbels Retr, 36 mm deep  
**24-6174** Middle Blade f/Kölbels Retr, 53 mm deep  
**24-6175** Middle Blade f/Kölbels Retr, 68 mm deep  
**24-6362** Modified Mini Open Frame Only  
**24-6373** Middle Blade f/MiniOp Retr, 36 mm deep  
**24-6374** Middle Blade f/MiniOp Retr, 53 mm deep  
**24-6375** Middle Blade f/MiniOp Retr, 68 mm deep

### BLADES FOR DELTOPECTORAL RETRACTORS

- 24-6103** 36 mm wide Kölbels Blades, 36 mm deep  
**24-6104** 36 mm wide Kölbels Blades, 53 mm deep  
**24-6105** 36 mm wide Kölbels Blades, 68 mm deep  
**24-6113** 20 mm wide Narrow Blades, 36 mm deep  
**24-6114** 20 mm wide Narrow Blades, 53 mm deep  
**24-6115** 20 mm wide Narrow Blades, 68 mm deep  
**24-6414** 10 mm wide Minute Blades, 53 mm deep  
**24-6333** Berliner Ring Blade  
**24-6343** Frankfurter Lever Blade

### HUMERAL HEAD RETRACTOR

- 24-6500** Kujat-Fukuda Retractor, 35 mm

### GLENOID LEVERS

- 24-6012** Glenoid Lever, double prong, 15 mm  
**24-6013** Glenoid Lever, double prong, 22 mm

### PRIMARY RETRACTORS

- 24-5914** Subscapularis Spreader  
**24-6015** Modified Kölbels Retractor, double  
**24-5945** Amazin' Retractor (hand held)

### DARRACH RETRACTORS

- 24-6131** Darrach Retractor, 9 mm  
**24-6133** Darrach Retractor, 12 mm  
**24-6135** Darrach Retractor, 16mm

### DELTOID RETRACTOR

- 24-6121** Browne Deltoid Retractor

### BONE AWLS AND SUTURE PASSING

- 24-6026** Penetrating Awl, small, 235 mm  
**24-6027** Crochet Suture Passer, small, 235 mm

### MISCELLANEOUS

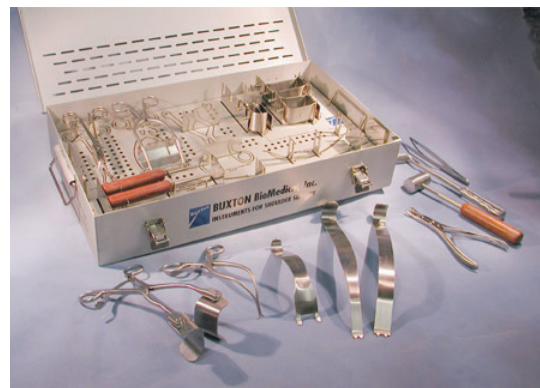
- 24-5920** Capsule and Tendon Scissors  
**24-5922** Kölbels Tissue Forceps, serrated, 1x2 teeth  
**24-4201** Chisel Handle  
**24-4205** Chisel Blade, 5 mm wide  
**24-4210** Chisel Blade, 10 mm wide  
**24-4216** Chisel Blade, 16 mm wide  
**24-4225** Chisel Blade, 25 mm wide  
**24-4299** Wrench for Chisel Blade  
**56-5143** Half Round Rasp, curved backwards

And **24-8511** Optimal 2-level Sterilizing case

# Shoulder Sets

## Standard Set and Standard-to-Deluxe Upgrade

Our original Shoulder set, the Standard set features everything needed for a classic Bankart repair. Set may be purchased as is, or as the Deluxe (next page). The Standard-to-Deluxe upgrade below may be purchased afterwards to enhance the Standard Set. Sets are available for rental as well. Call for more details.



- 24-6001** Standard Set
- 24-5905** Sterilizing Case for Shoulder Repair

### 24-6001 STANDARD SET CONTENTS:

#### DELTOPECTORAL RETRACTORS

- 24-6102** Kölbels Frame Only

#### BLADES FOR DELTOPECTORAL RETRACTORS

- 24-6103** 36 mm wide Kölbels Blades, 36 mm deep
- 24-6104** 36 mm wide Kölbels Blades, 53 mm deep
- 24-6105** 36 mm wide Kölbels Blades, 68 mm deep
- 24-6106** 36 mm wide Kölbels Blades, 85 mm deep

#### GLENOID LEVERS

- 24-6012** Glenoid Lever, double prong, 15 mm
- 24-6013** Glenoid Lever, double prong, 22 mm

#### PRIMARY RETRACTORS

- 24-5914** Subscapularis Spreader
- 24-6015** Modified Kölbels Retractor, double
- 24-5912** Richardson Retractor, 52x22 mm

#### HUMERAL HEAD RETRACTORS

- 24-6011** Carter Rowe Humeral Head Retractor

#### BONE AWLS AND SUTURE PASSING

- 24-6005** Percussion Awl
- 24-6006** Penetrating Awl, small, 185 mm
- 24-6007** Crochet Suture Passer, small, 185 mm
- 24-6009** Bone Perforating Tenaculum, light angle
- 24-6010** Bone Perforating Tenaculum, strong angle

#### MISCELLANEOUS

- 24-5918** Bone Nibbling Rongeur
- 24-5919** Mallet, 300g, 25 mm head
- 24-5922** Kölbels Tissue Forceps, serrated, 1x2 teeth
- 24-5905** Sterilizing case for Shoulder Repair

### 24-8010 STANDARD TO DELUXE UPGRADE CONTENTS:

- 24-8010** Standard-to-Deluxe Upgrade
- 24-5907** Lower Tray for 24-5905

#### DELTOPECTORAL RETRACTORS

- 24-6202** Rack and Pinion Frame Only

#### BLADES FOR DELTOPECTORAL RETRACTORS

- 24-6113** 20 mm wide Narrow Blades, 36 mm deep
- 24-6114** 20 mm wide Narrow Blades, 53 mm deep
- 24-6115** 20 mm wide Narrow Blades, 68 mm deep
- 24-6116** 20 mm wide Narrow Blades, 85 mm deep

#### DARRACH RETRACTORS

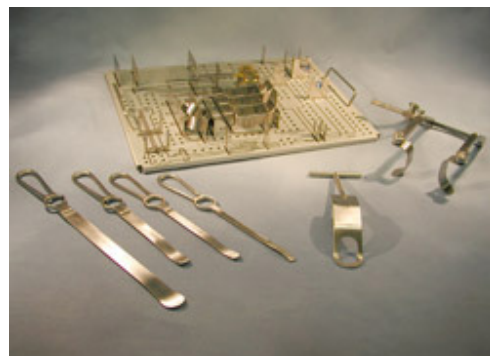
- 24-6131** Darrach Retractor, 9 mm
- 24-6133** Darrach Retractor, 12 mm
- 24-6135** Darrach Retractor, 16 mm
- 24-6137** Darrach Retractor, 25 mm

#### HUMERAL HEAD RETRACTORS

- 24-6500** Kujat-Fukuda Retractor, 35 mm

#### MISCELLANEOUS

- 24-5920** Capsule and Tendon Scissors
- 24-5907** Lower Tray for 24-5905



# Shoulder Sets

## Deluxe Shoulder Set

The Deluxe Set has everything our Standard has, plus much more! Perform Bankarts and Arthroplasties with our Kölbels and Rack and Pinion Retractors with full array of 20 mm and 36 mm wide blades. Set is available for rental as well. Call for more details.



- 24-8001** Deluxe Shoulder Set with lower tray
- 24-5905** Sterilizing Case for Shoulder Repair
- 24-5907** Lower Tray for 24-5905

## 24-8001 DELUXE SET CONTENTS:

### DELTOPECTORAL RETRACTORS

- 24-6102** Kölbels Frame Only
- 24-6202** Rack and Pinion Frame Only

### BLADES FOR DELTOPECTORAL RETRACTORS

- 24-6103** 36 mm wide Kölbels Blades, 36 mm deep
- 24-6104** 36 mm wide Kölbels Blades, 53 mm deep
- 24-6105** 36 mm wide Kölbels Blades, 68 mm deep
- 24-6106** 36 mm wide Kölbels Blades, 85 mm deep
- 24-6113** 20 mm wide Narrow Blades, 36 mm deep
- 24-6114** 20 mm wide Narrow Blades, 53 mm deep
- 24-6115** 20 mm wide Narrow Blades, 68 mm deep
- 24-6116** 20 mm wide Narrow Blades, 85 mm deep

### GLENOID LEVERS

- 24-6012** Glenoid Lever, double prong, 15 mm
- 24-6013** Glenoid Lever, double prong, 22 mm

### DARRACH RETRACTORS

- 24-6131** Darrach Retractor, 9 mm
- 24-6133** Darrach Retractor, 12 mm
- 24-6135** Darrach Retractor, 16 mm
- 24-6137** Darrach Retractor, 25 mm

### PRIMARY RETRACTORS

- 24-5914** Subscapularis Spreader
- 24-6015** Modified Kölbels Retractor, double
- 24-5912** Richardson Retractor, 52x22 mm

### HUMERAL HEAD RETRACTORS

- 24-6011** Carter Rowe Humeral Head Retractor
- 24-6500** Kujat-Fukuda Retractor, 35 mm

### BONE AWLS AND SUTURE PASSING

- 24-6005** Percussion Awl
- 24-6006** Penetrating Awl, small, 185 mm
- 24-6007** Crochet Suture Passer, small, 185 mm
- 24-6009** Bone Perforating Tenaculum, light angle
- 24-6010** Bone Perforating Tenaculum, strong angle

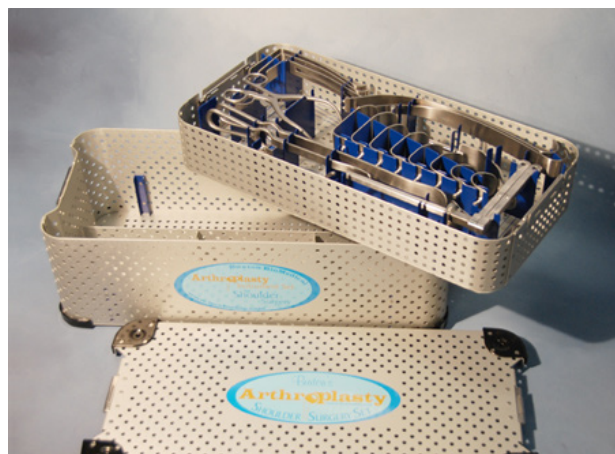
### MISCELLANEOUS

- 24-5918** Bone Nibbling Rongeur
- 24-5919** Mallet, 300g, 25 mm head
- 24-5920** Capsule and Tendon Scissors
- 24-5922** Kölbels Tissue Forceps, serrated, 1x2 teeth
- 24-5905** Sterilizing case for Shoulder Repair
- 24-5907** Lower Tray for 24-5905

# Shoulder Sets

## Total Shoulder Arthroplasty Set

Looking for a versatile retractor system to accompany a shoulder implant? Consider Buxton's Total Shoulder Arthroplasty Set. Features an upper tray filled with popular retractors and an empty compartmentalized lower tray for any additional instruments to round out the procedure. Also available as a rental.



- 24-8600** Arthroplasty Set
- 24-8611** Sterilizing Case for Arthroplasty Set

### 24-8600 ARTHROPLASTY SET CONTENTS:

#### DELTOPECTORAL RETRACTORS

- 24-6202** Rack and Pinion Frame Only
- 24-6262** 3rd Arm Slide for Buxton Retractor
- 24-6373** Middle Blade f/MiniOp Retr, 36 mm deep
- 24-6374** Middle Blade f/MiniOp Retr, 53 mm deep
- 24-6375** Middle Blade f/MiniOp Retr, 68 mm deep

#### BLADES FOR DELTOPECTORAL RETRACTORS

- 24-6103** 36 mm wide Kölbl Blades, 36 mm deep
- 24-6104** 36 mm wide Kölbl Blades, 53 mm deep
- 24-6105** 36 mm wide Kölbl Blades, 68 mm deep
- 24-6106** 36 mm wide Kölbl Blades, 85 mm deep

#### GLENOID LEVERS

- 24-6012** Glenoid Lever, double prong, 15 mm
- 24-6013** Glenoid Lever, double prong, 22 mm

#### DARRACH RETRACTORS

- 24-6133** Darrach Retractor, 12 mm
- 24-6137** Darrach Retractor, 25 mm

#### PRIMARY RETRACTORS

- 24-5914** Subscapularis Spreader

#### HUMERAL HEAD RETRACTORS

- 24-6500** Kujat-Fukuda Retractor, 35 mm

#### DELTOID RETRACTOR

- 24-6121** Browne Deltoid Retractor

#### MISCELLANEOUS

- 24-8611** Case and tray for Arthroplasty Set

## Shoulder Set Rental Program (USA only)

Buxton offers its major shoulder sets in a rental program. Priced affordably, the rental program is especially useful for those considering buying a set but would like to try it first. It also assists organizations whose staff only need the set occasionally. Sets are rented by the day and can be shipped overnight for even last minute bookings. Call 973-560-4848 for more details.

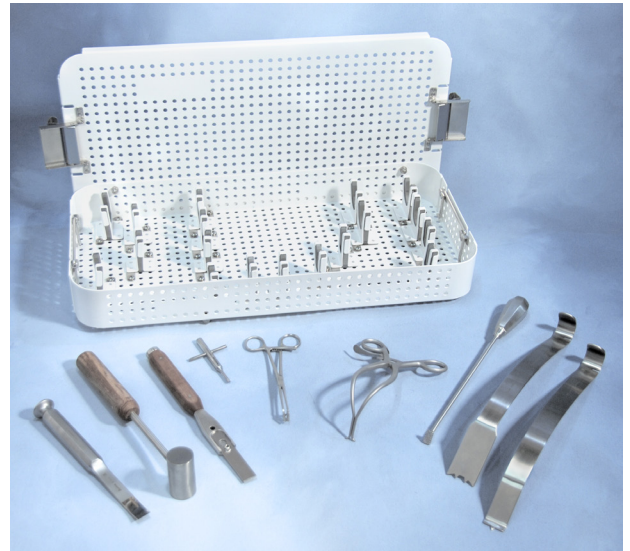
- 24-8500L** Rental; Optimal Shoulder Set
- 24-8001L** Rental; Deluxe Shoulder Set
- 24-6001L** Rental; Standard Set for Shoulder
- 24-8500L** Rental; Arthroplasty Set
- 24-8709L** Rental; Latarjet Set

# Shoulder Sets

## Latarjet Shoulder Surgery Set

This specialty set for performing Latarjet procedures provides various instruments for harvesting and handling the coracoid graft, preparing the glenoid surface and providing adequate exposure. Like our other sets, this set is also available for rental.

- 24-8709** Latarjet Shoulder Surgery Set  
**24-8711** Sterilizing Case for Latarjet Set



### 24-8709 LATARJET SET CONTENTS:

#### GLENOID LEVERS

- 24-6023** Glenoid Lever, single prong, 22 mm  
**24-6045** CT Glenoid Lever, double prong, 32 mm

#### PRIMARY RETRACTORS

- 24-5914** Subscapularis Spreader

#### BONE GRAPH FORCEPS

- 24-5952** Coracoid Clamp

#### RASP

- 24-5995** Glenoid Latarjet Rasp

#### CHISELS AND OSTEOTOMES

- 24-4315** Coracoid Osteotome, 15 mm  
**24-4201** Chisel Handle  
**24-4210** Chisel Blade, 10 mm  
**24-4299** Wrench for Chisel Blade

#### MISCELLANEOUS

- 24-8711** Case for Latarjet Set  
**24-5919** Mallet, 28 mm Ø, 300 g

# Shoulder Set Comparison

Item	Description	24-8500	24-8600	24-8001	24-6001	24-8709
<b>DELTOPECTORAL RETRACTORS AND ATTACHMENTS (FRAMES SHOWN IN BOLD)</b>						
24-6102	<b>Kölbelt Retractor Frame only</b>			DELUXE	STANDARD	
24-6162	<b>Modified Kölbelt Retr frame</b> (equivalent to 24-6102, but can hold Middle Arms below)	OPTIMAL				
24-6173	Middle Arm for Kölbelt Retractor and Buxton Retractor. 36 mm	OPTIMAL	ARTHRO			
24-6174	Middle Arm for Kölbelt Retractor and Buxton Retractor. 53 mm	OPTIMAL	ARTHRO			
24-6175	Middle Arm for Kölbelt Retractor and Buxton Retractor. 68 mm	OPTIMAL	ARTHRO			
24-6202	<b>Buxton Shoulder Retractor frame</b>		ARTHRO	DELUXE		
24-6262	3rd Arm Attachment only for Buxton Frame: 24-6202 (to accommodate middle arms above)		ARTHRO			
24-6362	<b>Mod.Mini-Open Frame for 3rd arm</b> (uses middle arms below)	OPTIMAL				
24-6373	MiddleArm for MiniOpenRetr. 36 mm	OPTIMAL				
24-6374	MiddleArm for MiniOpenRetr. 53 mm	OPTIMAL				
24-6375	MiddleArm for MiniOpenRetr. 68 mm	OPTIMAL				
<b>BLADES FOR DELTOPECTORAL RETRACTORS</b>						
24-6103	Kölbelt Blade, 36 x 36mm, each	OPTIMAL	ARTHRO	DELUXE	STANDARD	
24-6104	Kölbelt Blade, 36 x 53mm, each	OPTIMAL	ARTHRO	DELUXE	STANDARD	
24-6105	Kölbelt Blade, 36 x 68mm, each	OPTIMAL	ARTHRO	DELUXE	STANDARD	
24-6106	Kölbelt Blade, 36 x 85mm, each		ARTHRO	DELUXE	STANDARD	
24-6113	Kölbelt Blade, 20 x 36 mm, each	OPTIMAL		DELUXE		
24-6114	Kölbelt Blade, 20 x 53mm, each	OPTIMAL		DELUXE		
24-6115	Kölbelt Blade, 20 x 68mm, each	OPTIMAL		DELUXE		
24-6116	Kölbelt Blade, 20 x 85mm, each			DELUXE		
24-6414	Minute Blade, 10 x 53mm, shallow	OPTIMAL				
24-6333	Berliner Ring Blade	OPTIMAL				
24-6343	Frankfurter Lever Blade	OPTIMAL				
<b>PRIMARY RETRACTION</b>						
24-5914	Subscapularis Spreader	OPTIMAL	ARTHRO	DELUXE	STANDARD	LATARJET
24-6015	Mod.Kölbelt Retractor, dbl prong	OPTIMAL		DELUXE	STANDARD	
24-5912	Richardson Retractor, 52x22 mm			DELUXE	STANDARD	
24-5945	Amazin Shoulder Retractor	OPTIMAL				
<b>GLENOID LEVERS</b>						
24-6012	Kölbelt Glenoid Lever, 15 mm	OPTIMAL	ARTHRO	DELUXE	STANDARD	
24-6013	Kölbelt Glenoid Lever, 22 mm	OPTIMAL	ARTHRO	DELUXE	STANDARD	
24-6023	Kölbelt Lever, single, 22 mm					LATARJET
<b>HUMERAL HEAD RETRACTORS</b>						
24-6011	Humerus Head Retractor, 180mm			DELUXE	STANDARD	
24-6500	Kujat-Fukuda Retractor, 35mm	OPTIMAL	ARTHRO	DELUXE		
<b>DARRACH RETRACTORS</b>						
24-6131	Darrach Retractor, 260 x 9 mm	OPTIMAL		DELUXE		
24-6133	Darrach Retractor, 260 x 12 mm	OPTIMAL	ARTHRO	DELUXE		
24-6135	Darrach Retractor, 260 x 16 mm	OPTIMAL		DELUXE		
24-6137	Darrach Retractor, 360 x 25 mm		ARTHRO	DELUXE		
<b>BONE AWLS AND SUTURE PASSING</b>						
24-6005	Percussion Awl w/metal handle			DELUXE	STANDARD	
24-6006	Penetrating Awl, small, 185 mm			DELUXE	STANDARD	
24-6007	Crochet Hook Suture Passer, small, 185 mm			DELUXE	STANDARD	
24-6026	Penetrating Awl, small, 235mm	OPTIMAL				
24-6027	Crochet Suture Passer, small, 235mm	OPTIMAL				
24-6009	Glenoid Perforating. Tenaculum, lite angle			DELUXE	STANDARD	
24-6010	Glenoid Perforating Tenaculum, strong angle			DELUXE	STANDARD	
<b>DELTOID RETRACTION</b>						
24-6121	Browne Deltoid Retractor, 50mm	OPTIMAL	ARTHRO			
<b>MISCELLANEOUS SHOULDER</b>						
24-5917	Rongeur,D-A,180x5mm, lite curve			DELUXE	STANDARD	
24-5919	Mallet, 28mm Ø, 370 G			DELUXE	STANDARD	LATARJET
24-5920	Capsule and Tendon Scissors	OPTIMAL		DELUXE		
24-5922	Kölbelt Tissue Forceps, serrated, 1x2 teeth	OPTIMAL		DELUXE	STANDARD	
24-4201	Chisel Handle	OPTIMAL				LATARJET
24-4205	Chisel Blade, 5 mm wide	OPTIMAL				
24-4210	Chisel Blade, 10 mm wide	OPTIMAL				LATARJET
24-4216	Chisel Blade, 16 mm wide	OPTIMAL				
24-4225	Chisel Blade, 25 mm wide	OPTIMAL				
24-4299	Wrench for Chisel Blade	OPTIMAL				LATARJET
56-5143	Half Round Rasp, curved backward	OPTIMAL				
<b>NEW! LATARJET INSTRUMENTS</b>						
24-4315	Coracoid Osteotome, 15 mm					LATARJET
24-5952	Coracoid Clamp, 4X4					LATARJET
24-5995	Glenoid Latarjet Rasp					LATARJET
24-6045	CT Glenoid Lever, double prong, 32mm					LATARJET

# Arthroscopic Currettes

## Cup Currettes

245 mm long, plastic handle



- 46-6105**      Size 1, angled 5°
- 46-6205**      Size 2, angled 5°
- 46-6105**      Size 3, angled 5°
- 46-6125**      Size 1, angled 25°
- 46-6225**      Size 2, angled 25°
- 46-6325**      Size 3, angled 25°

## Pull Ring Currettes

245 mm long, plastic handle, single direction curette



- 46-1110**      Size 1, angled 10°
- 46-1210**      Size 2, angled 10°
- 46-1310**      Size 3, angled 10°
- 46-1130**      Size 1, angled 30°
- 46-1230**      Size 2, angled 30°
- 46-1330**      Size 3, angled 30°

## Push-Pull Ring Currettes

245 mm long, plastic handle, dual direction curette



- 46-2120**      Size 1, angled 20°
- 46-2320**      Size 3, angled 20°
- 46-2135**      Size 1, angled 35°
- 46-2335**      Size 3, angled 35°

# Arthroscopic Rasps and Mallet

## Arthroscopic Rasps

245 mm long, plastic handle



<b>48-3531</b>	Fine, straight, small
<b>48-3631</b>	Fine, straight, large
<b>48-3532</b>	Fine, angled, small
<b>48-3632</b>	Fine, angled, large
<b>48-3541</b>	Coarse, straight, small
<b>48-3641</b>	Coarse, straight, large
<b>48-3542</b>	Coarse, angled, small
<b>48-3642</b>	Coarse, angled, large

## Mallet

240 mm long, plastic handle



<b>48-3001</b>	28 mm diameter mallet head
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# Chondral Picks

## Chondral Picks

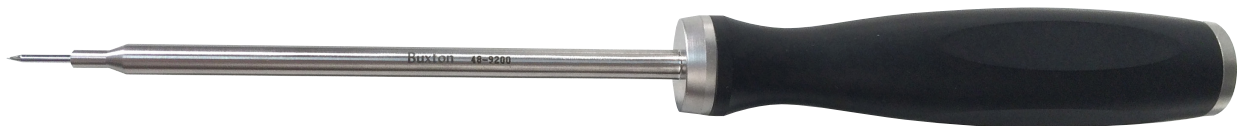
240 mm long, plastic handle



- 48-9100** straight
- 48-9125** angled 25°
- 48-9140** angled 40°
- 48-9160** angled 60°
- 48-9190** angled 90°

## Nano-Chondral Pick

240 mm long, plastic handle, for microfractures



- 48-9200** straight, 1.6 mm diameter tip

# Arthroscopic Tools

## Arthroscopic Probe

225 mm long, knurled handle



**345-111-40** 4.0 mm reach, blunt

## Arthroscopic "Bo-Peep" Hook

225 mm long, knurled handle, blunt



**345-211-50** 5.0 mm width, blunt

## Jo-Borg Knot Pusher

210 mm long, steel ring handle



**345-511-50** 3 mm diameter

## Arthroscopic Cobb Elevator

250 mm long, linen phenolic handle



**343-311-10** angled, 3 mm wide

# Additional Information

*Buxton BioMedical is a small, veteran-owned company, providing surgeons worldwide with fine instruments since 1993. All instruments are made in Germany unless otherwise noted.*

## Ordering and Prices

Orders may be placed directly with our offices by phone, by fax, or by email. Prices are published as a guide to costs but are subject to change without notice. To verify pricing and availability on a given product, contact our Customer Service Department.

## Website

Our full complement of instrument offerings can be reviewed on our website where latest products, images, extended descriptions and prices can be found. Registering on our site is a convenient means to ordering our printed catalog, obtain a formal quote and accessing current prices when considering specific items. Many documents such as Customer Credit Applications, W-9 and cleaning validation information can be accessed in the "Records" department of our website as well.

## Repairs

If an item is in need of repair or servicing, please contact us directly so we can initiate a repair ticket. Do not send the instrument back without first obtaining a Return Materials Authorization (RMA) code. Blank clean certification forms are available through our Customer Service Department or by going to

**[www.buxtonbio.com/records](http://www.buxtonbio.com/records)**

Click the "Repairing an Instrument" folder, then download and return the completed PDF form "Clean Certification." After the clean certificate is received, an RMA number can be issued. An evaluation of the instrument repair will proceed.

## Warranty

Expect the finest quality surgical instruments from Buxton BioMedical, Inc. Our instruments are warranted against defects in materials and workmanship, but to benefit from the shelter our provisional guarantee affords and to realize the longevity of any device, evidence of proper care is essential. Specific details on cleaning, sterilizing and general maintenance are included with each instrument sold. Our warranties are necessarily nullified when instruments show signs of neglect or are used in a manner other than their intended surgical purpose. Even under the best of circumstances instruments have a limited functional life. Therefore, repair and replacement charges are calculated on a pro rata basis during the first five years following purchase.

## Cleaning Recommendations

Upon receipt inspect instruments for defects. Carefully clean before sterilizing in preparation for its initial use. Always inspect the instrument for broken parts before each use. Clean and disinfect instrument immediately after use.

Do not allow bio fluids or other material to dry onto the instrument; wipe clean and keep moist until the instrument reaches sterile processing.

Rinse thoroughly in lukewarm water. Carefully scrub parts with soft brushes. Flush lumens and joints using a syringe filled with demineralized water. Use low-foaming, enzymatic cleaning solutions with a pH range of 6-8 and follow manufacturer's instructions. Rinse with demineralized water. Lubricate in a water-soluble instrument milk bath.

Store this instrument in a moisture-free location. Always cover and protect sharp edges and delicate tips when not in use.

## Sterilization Recommendations

Sterilize wrapped devices using pre-vacuum cycle for four minutes at 270° F (132°C). Due to the potential damage to non-metal components, chemical sterilization and hot air or steam sterilization in excess of 273°F (134°C) should be avoided.

Allow instruments to dry for a minimum of 20 minutes prior to using in surgery.

## Product Development

Buxton BioMedical was founded with the intent to fulfill the instrument needs in the sub-specialties of shoulder spine, hand and foot surgeries. We are interested in developing new instrument designs and improving upon existing patterns and always welcome comments and suggestions.

## Other publications

This catalog showcases Buxton's unique collection of instruments for surgery of the Shoulder and Upper Extremity. Catalogs and brochures featuring instrumentation for spine and hand & foot are also available. Call, write or email us for your free copy.

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