

-Always strict perpendicular direction of prongs to muscle fibers, allows proper, adequate and perfect muscle retraction, exploring clear surgical field.

-Eliminating undesired upward projection of shafts, handles or arms.

-Moving handles from wound end to the opposite one without removing and re-application.

-Could be used in smaller incisions comparing to single hinged arms types.



Thoraco-Lumbar Cervico-Thoracic Limited Approaches





Limited **Approaches**

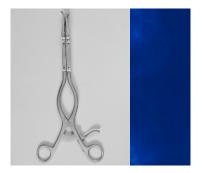
Prongs depth and width design make it more appropriate to apply in limited approaches posterior spinal surgeries, for example, Laminotomy, Fenestration, Hemi / Laminectomy... etc, in single / limited levels utilizing small skin incision and short segment muscle retraction.



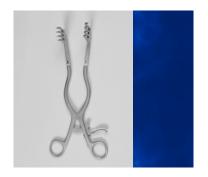
www.abrahamblacksmith.co.uk



Straight



4x4 Prongs



180° Movement



Product Detail:

Overall Length: 295mm Arm Length: 50mm

Prong Size: 4x4 | W: 24mm H: 40mm

Straight





Limited **Approaches**

10° angled prongs, providing better view and access for more lateral structures e.g lateral facet joints, pedicles and transverse processes.



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Item Code YRLA44A

10° Angled



4x4 Prongs



180° Movement



Product Detail:

Overall Length: 295mm Arm Length: 50mm

Prong Size: 4x4 | W: 24mm H: 40mm

Angle: 10°







Cervico Thoracic

Prongs depth and width design make it more appropriate to apply in Cervico-Thoracic posterior spinal surgeries for multiple levels.



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Straight



6x6 Prongs



180° Movement



Product Detail:

Overall Length: 290mm Arm Length: 50mm

Prong Size: 6x6 | W: 38mm H: 35mm

Straight





Cervico Thoracic

10° angled prongs, providing better view and access for more lateral structures e.g lateral facet joints, pedicles and transverse processes.



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Item Code YRCT66A

10° Angled



6x6 Prongs



180° Movement



Product Detail:

Overall Length: 290mm Arm Length: 50mm

Prong Size: 6x6 | W: 38mm H: 35mm

Angle: 10°





Thoraco **Lumbar**

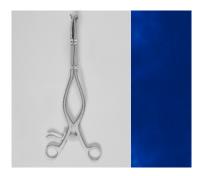
Prongs depth and width design make it more appropriate to apply in Thoraco-Lumbar posterior spinal surgeries for multiple levels.



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Straight



7x7 Prongs



180° Movement



Product Detail:

Overall Length: 300mm Arm Length: 50mm

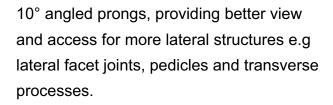
Prong Size: 7x7 | W: 45mm H: 45mm

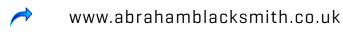
Straight

















7x7 Prongs



180° Movement



Product Detail:

Overall Length: 300mm Arm Length: 50mm

Prong Size: 7x7 | W: 45mm H: 45mm

Angle: 10°





About The **INVENTOR**

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