



HINGE HANDCUFFS

ASP Hinge Handcuffs provide a major advance in both the design and construction of wrist restraints. Frame geometry is the result of extensive computer modeling and simulation analysis. Strength potential has been maximized through use of an interlocking, unitized frame. The cuff structure is forged from high strength stainless steel on custom built, high speed, progressive dies. Each restraint is then overmolded with ordnance grade polymer under 75 tons of pressure. The Lock Assembly is unitized and replaceable.

The Hinge Handcuff was designed in the field. Input came from officers and instructors in over 80 nations where ASP currently conducts training. As a result, this ASP design incorporates the practical features most requested by officers on the street. A stainless steel handcuff that weighs less than standard designs.

A flat contact bow improves application. Complex "keyhole up" training procedures are no longer necessary. There is a keyway and double lock slot on each side of each restraint. A double lock warning bar is readily visible. Both double and single locks are released by turning the key in a single direction.

The frame geometry, deep set teeth and precision smooth action eliminates the need for backloading. Color coding of restraints is now possible. Custom colors are available for agencies, divisions or to designate the security threat of subjects. Lock Assemblies are readily replaced.

The Hinge Handcuff is a companion to the Tri-Fold® family of disposable restraints. Each cuff incorporates the innovative design and unparalleled manufacturing expertise of ASP. In design, in construction, in features . . . this is a restraint that is distinctly ASP.



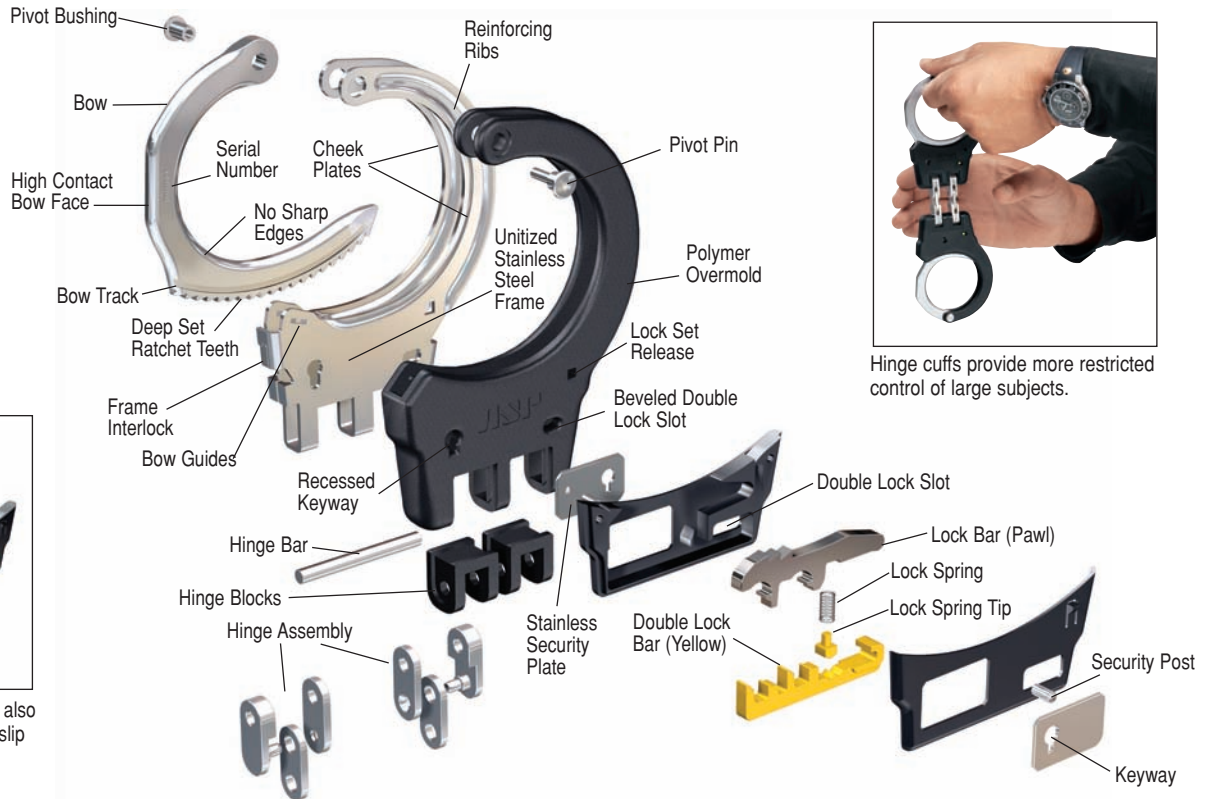
ASP Hinge Handcuffs . . . a New Design on Security



Forged aluminum bows are black hardcoat anodized.



Replaceable Lock Sets are also available in two, three and slip pawl designs.



Hinge cuffs provide more restricted control of large subjects.

Background

- Precision formed
- Stainless steel frame
- * Polymer overmold
- * High contact face
- No sharp edges
- * Permanent color options
- Extremely lightweight
- * Interchangeable Lock Set
- * Recessed keyway
- Two-sided double lock
- * Double lock indicator (colored)
- * Two-sided lock release
- * One-direction single and double lock release
- Complies with NIJ Standard 0307.01

(*) A Patent Pending exclusive ASP feature

Specifications

Length	9.2"	234 mm
Width	3.125"	79 mm
Weight		
Steel	10 ounces	283 grams
Aluminum	8.5 ounces	241 grams
System	Replaceable Lock Set	
Construction	Overmolded stainless steel	
Edge Radius	.035" minimum (1 mm)	

Frame

- Computer designed
- Flex Frame Technology
- Surgical stainless steel
- Precision die struck
- Reinforcing ribs
- Bow guides
- Interlocking cheek plates
- Unitized assembly
- Polymer overmold
- Beveled keyways
- Permanent color

Hinge Link

- Stainless steel
- Four point rotation

Lock Set

- Replaceable
- Dual keyways
- Stainless security block
- Stainless security posts
- Dual double lock slots
- Color coded double lock indicator
- Dual release lock bar (pawl)
- One pawl (Yellow)
- Two pawl (Blue*)
- Three pawl (Green)
- Slip pawl (Red)
- Single spring double lock bar
- Hardened keyways

* Requires a Custom Key

Bow

- Conical geometry
- Integral frame track
- Deep set teeth
- High contact face
- Serial numbered
- Stainless pivot pin

Warranty

- Limited Lifetime



Advanced Technology Cases are specifically designed for the ASP Tactical Handcuff Series of restraints.

ASP

"Protecting Those Who Protect"