

## Classic Friction Lock: Specifications

### Detective® Baton Series

Part ID #2573	Detective® -21 w/Safety Tip™, SuperGrip™ and Black Chrome Finish
General Description:	Three-stage steel friction lock baton with Black Chrome Finish hardened shafts, a reinforced hard rubber Safety Tip™ with SuperGrip™ handle and bore guide end cap. Premium quality with a lifetime repair or replacement guarantee.
Recommended Holder:	Textured: 3027 Basketweave: 3627
Shaft Locking Mechanism:	Precision parallel swages
Shaft Material:	Hardened, aircraft quality 4130 cold drawn condition seamless alloy steel tubing (ASTM-A-519).
Hardness:	Striking surface hardened and then tempered to 48-54 Rockwell C Scale to relieve brittleness.
Tensile Strength:	240,000-290,000 PSI (Pounds per Square Inch)
Diameter:	1.0625 inches (2.70 cm)
Closed Length:	8.00 inches (20.32 cm)
Expanded Length:	21 inches (53.34 cm)
Weight:	17 ounces (.48 kg)
Handle Grip:	SuperGrip™ 1.032-inch (2.62 cm) diameter; tear strength minimum 108 pounds (48.99 kg) per linear inch, installed over knurled handle surface to eliminate slippage.
Handle Tubing:	0.875 inch (2.22 cm) outside diameter, 14 gauge [.083 inch (0.21 cm) wall thickness]
Handle Finish:	Nickel Finish
Middle Shaft Tubing:	0.625 inch (1.59 cm) outside diameter, 16 gauge [.065 inch (1.65 cm) wall thickness]
Middle Shaft Length:	6.875 inches (17.46 cm)
Middle Shaft Finish:	Black Chrome Finish
Small Shaft Tubing:	0.437 inch (1.11 cm) outside diameter, 14 gauge [.083 inch (0.21 cm) wall thickness]
Small Shaft Length:	7.50 inches (19.05 cm)
Small Shaft Finish:	Black Chrome Finish
End Cap Construction:	Machined steel with integral bore guide (bore guide centers small shaft during closure to prevent retention clip breakage) male threads with O-ring seal between cap and handle.
End Cap Coating:	Black Chrome Plating

Retention Clip:	Nickel-plated, attached to end cap bore guide with a solid rivet; assembly is replaceable.
Tip Construction:	Safety Tip™ Reinforced textured hard rubber tip: 0.625" (1.59 cm) diameter x 0.625" (1.59 cm) long
Overall Corrosion Resistance:	Baton will exceed 24 hour ASTM-B117 salt spray test.
Quality Control Program:	In-process inspection at every operation plus 100% inspect and testing prior to shipment. In-process inspection consistent with US Department of Defense MIL-STD-105E and United Kingdom Defense Ministry specification DEF-131-A. All 4130 steel tubing has mill certification including the chemical analysis of steel. Cad drawing-exploded view available.
Warranty:	All Monadnock® expandable police batons have a repair or replacement guarantee, under normal field use, against breaking, bending, torn grip, and if rust or corrosion prevents the baton from functioning.
Liability Insurance:	Certificate of Insurance will be provided with request on department letterhead.
Litigation Support:	Monadnock® has provided expert testimony on behalf of police officers and agencies for more than 30 years.
US Patents:	404,789 and 6,350,200 B2

Monadnock® reserves the right to make changes at any time in specifications, models or design without notice.