



BOTTLECHOCK®

CYLINDER RESTRAINT

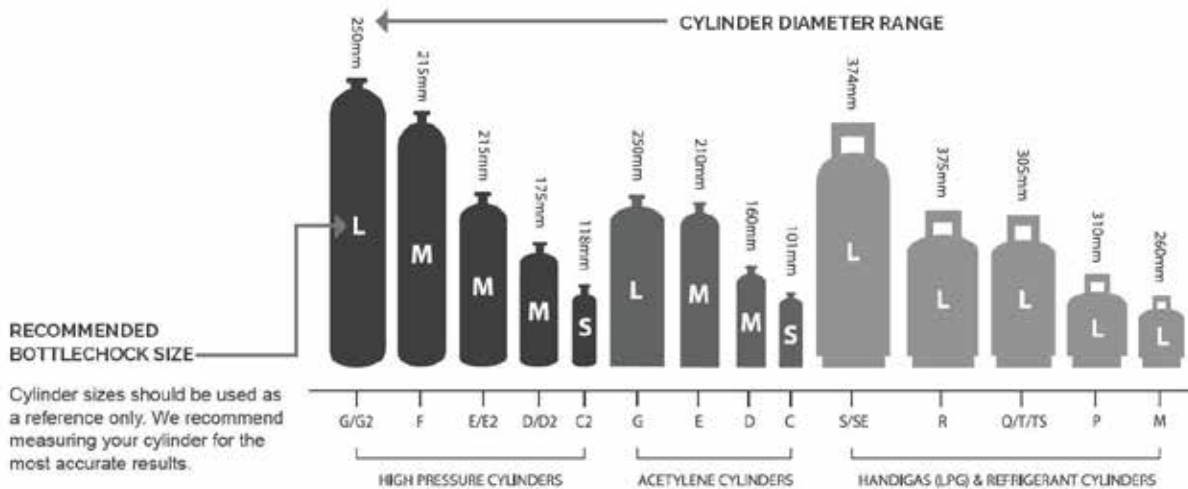
The Bottlechock™ restraint is a unique Australian Designed & Manufactured storage solution system for gas cylinders, drums, piping and other cylindrical objects. Tried and tested in workshops and harsh outback conditions, the unique design and rugged functionality of the BOTTLECHOCK™ system stands out from the pack of cylinder restraint options.

Stainless steel components matched with either galvanized or stainless steel brackets and a flexible UV stabilized nylon restraint, BOTTLECHOCK™ restraint is designed for cylinder security in both fixed positions and while in transport, creating a safer working environment. Available in a wide range of sizes to suit a diverse array of cylinder quantities and sizes, BOTTLECHOCK™ restraint has a product option to suit almost any cylinder storage requirements.

Features:

- Purpose designed to keep cylinders secure
- Suits gas cylinders, oxygen tanks, fire extinguishers, oil drums etc.
- Kits include both top and bottom restrain fittings
- Keeps full contact with the cylinder, restricting horizontal and vertical movement
- Manufactured from a UV stabilized nylon polymer
- In multiple cylinder fittings, secures each cylinder individually
- Easy to install inside buildings or to vehicle trays using bolts (not included)
- Quick cylinder changeover with one pull on straps
- Flexible chock design makes it easy to 'snap' cylinders into place
- Cylinders don't need to be lifted into place, helping to prevent injury
- Quick release pins free up space when not in use, and allow use in another location

CYLINDER SIZING GUIDE



Cylinder Diameter Range:

- Small: 3.875" - 5.625"
- Medium: 6.25" - 9"
- Medium/Large: 9" - 12"
- Large: 9.5" - 14.625"

Mounting Bracket Sizing: (Available in either 1.6mm thick galvanized or 316 stainless steel brackets)

- 1S = 8.07"
- 2S = 15.87"
- 3S = 23.62"
- 4S = 31.50"
- 1M = 12.09"
- 2M = 22.76"
- 3M = 35.24"
- 4M = 44.72"
- 1L = 17.24"
- 2L = 33.74"
- Oxy/Acet = 27.83"

Technical Specifications:

- All non-metal components are tested as highly combustion resistant and self-extinguishing
- NATO Stock Number: 5340-66-139-2712
- Chock material electrical resistance tested compliant to AS2380.1-1989, returning less than 0.6×10^9 ohms at 500VDC over 4" test length
- Flexible nylon polymer chock material is UV stabilized during manufacture, and tested compliant to AS/NZS 2433-1994 for UV exposure resistance
- All metal components of the kits (with the exception of the mounting brackets) are manufactured from stainless steel for strength and corrosion resistance
- Restraint straps and buckles tested to an in-line breaking resistance of 530lb per square inch
- Breakout strength for a single BOTTLECHOCK bracket, based on 9" cylinder weighing 110lb:
 - o 45° - 2730 Newtons applied force = 5.57G
 - o 90° - 2230 Newtons applied force = 4.55G
 - o 180° - 3680 Newtons applied force = 7.51G
- Applied force required to shift a restrained cylinder longitudinally within a single clamped BOTTLECHOCK is 1100 Newtons = 2.24G

