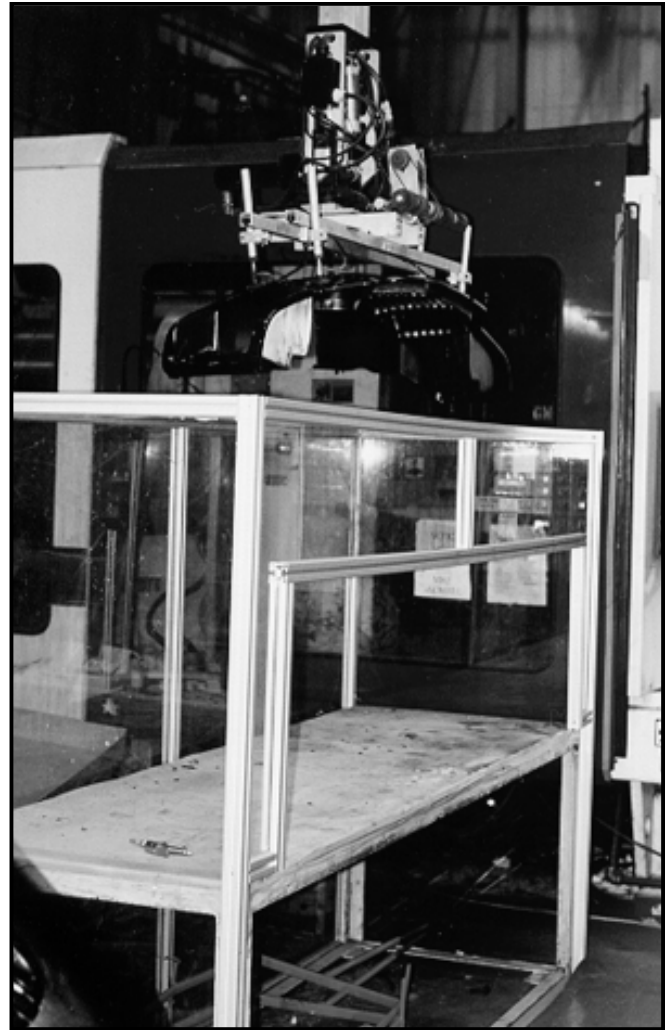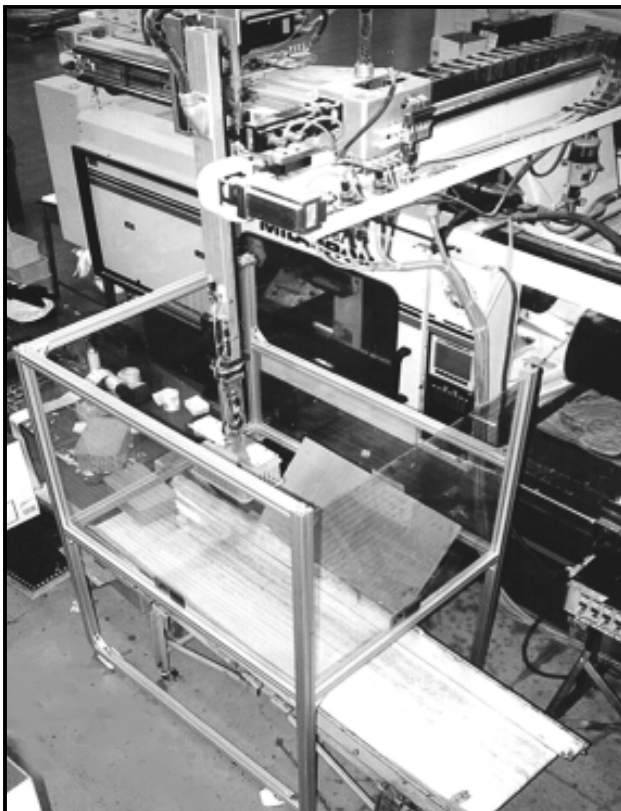# ROBOT ENCLOSURES

Protect Your Workers from Injury

Meet ANSI B151.27 and R15.06 specifications

Framing is rigid 40 mm or 50 mm extrusion of fine-grained, 6160-alloy aluminum.

Panels are wire mesh or 6 mm clear polycarbonate to endure rough usage, yet allow full view of robot. Wire mesh is flat -welded steel with PVC coating.

Angle fittings lock enclosure components into extremely rigid structure.

Interlocks are recommended for all enclosures and are required to meet ANSI specifications.

Mechanical Switches, Light Curtains, Photo-Eyes and Floormat-Type Safety Shutoffs are available from Molders Choice.

MOLDERS CHOICE, INC. ™

24 Hour Service - 7 Days a week
1-800-809-4623
WebSite: www.molderschoice.com • Email: molders@molderschoice.com

ROBOT ENCLOSURES

Protect Your Robots from Damage

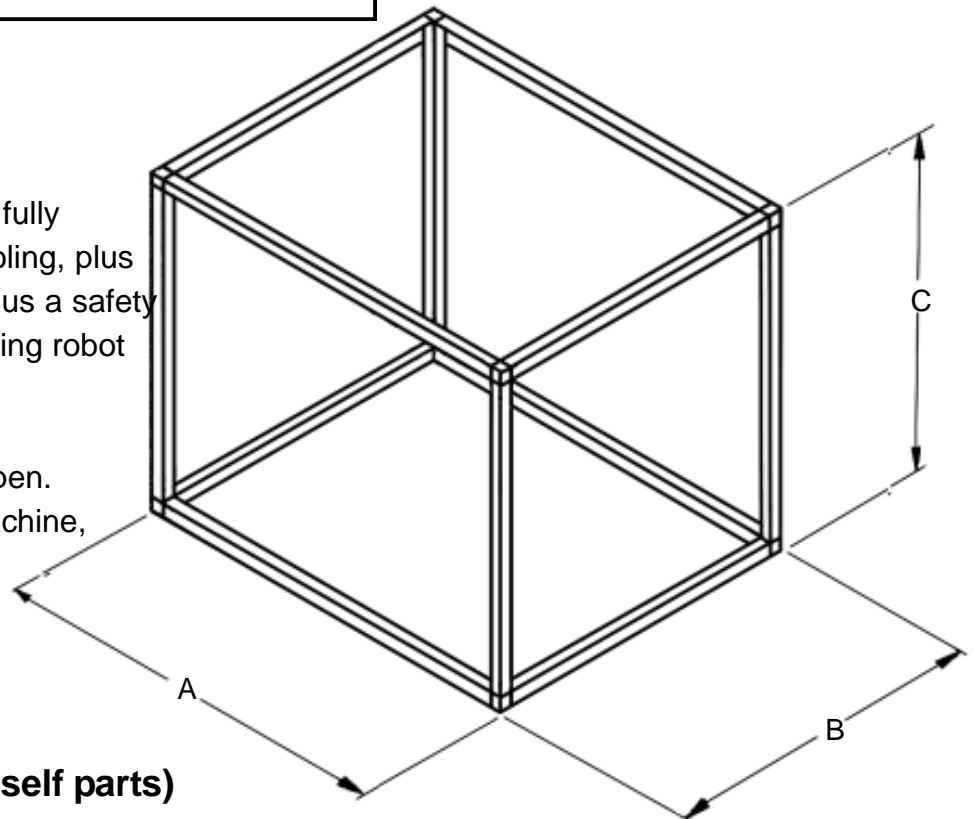**Industrial-Quality Construction**

Custom-made in 2 to 3 weeks.

Send us your sketch or layout for quote.

We design and build your enclosure, or we supply the materials for you to build it yourself.

Enclosure size must allow room for fully extended robot, plus end-of-arm tooling, plus largest part that might be carried, plus a safety zone to prevent workers from reaching robot from outside enclosure.

Normally, tops of enclosures are open. When there is a walkway above machine, top of enclosure must be closed.

(See next page for Do-It-Yourself parts)

MOLDERS CHOICE, INC. ™

24 Hour Service - 7 Days a week
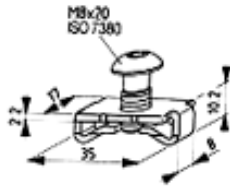# 1-800-809-4623
WebSite: www.molderschoice.com • Email: molders@molderschoice.com
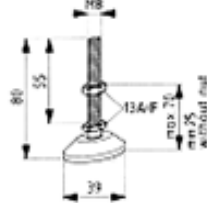
ROBOT ENCLOSURES COMPONENTS

Build-It-Yourself Components for Enclosures

Part # **7000009**
#8 Profile
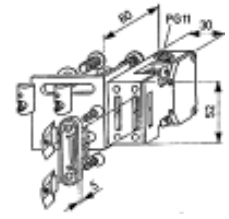Natural finish
40 x 40 mm E
6m(19.7ft) long

Part # **0002607**
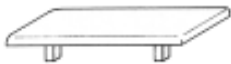#8 Std Fastening Set
Bright Zinc
40 x 40 mm

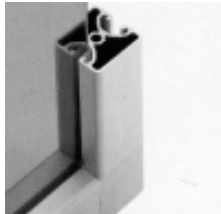Part # **0036468**
D40 Knuckle Foot
Natural finish
8 x 60 mm

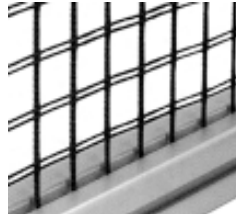Part # **0019645**
#8
Adjustable Foot
L-Base style

Part # **0026512**
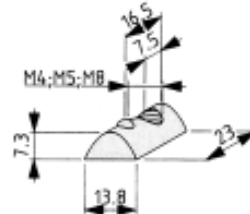#8 Security Limit Switch
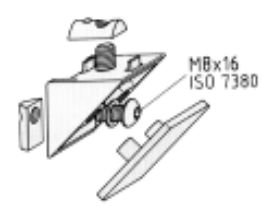with Fastening Set

Part # **0002601**
#8 Cap
Black finish

Part # **9000402**
1/4" x 4' x 8'
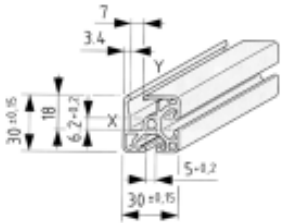Clear Polycarbonate
Sheeting

Part # **0042838**
3.8mm Steel Mesh
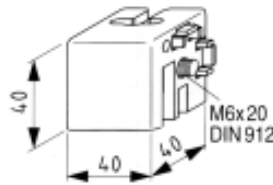Galvanized finish
40 x 40 mm E
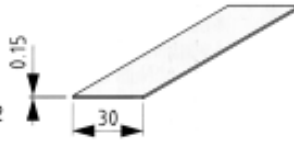
Part # **0002618**
#8 T-Slot Nut
M8

Part # **0041115**
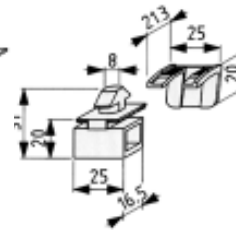#8 Connection
Element Set
40 x 40 mm E

Part # **0043692**
#8 Clamp Profile
Natural finish
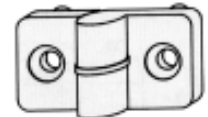40 x 40 mm E
6m(19.7ft) long

Part # **0044476**
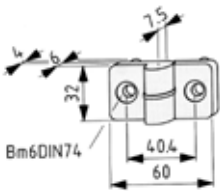#8 Clamping Profile
Fastener, Natural finish
40 x 40 mm E

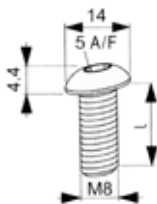Part # **0044048**
#8 Clamp
Profile Tape
20 m(21.8 yds) long

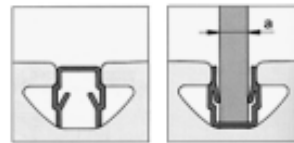Part # **0019663**
#8
Clamp Multiblock
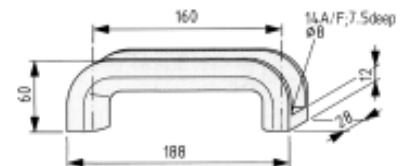PA

Part # **0002610**
#8 Hinge
PA, left

Part # **0002612**
#8 Hinge
PA, right

Part # **0019673**
M8 x 20
Button Head
Screw

Part # **0042224**
#8 Cover Profile /
Panel-Fixing Profile
2m(78.7") long

Part # **0019657**
#160
Handle PA

MOLDERS CHOICE, INC.

24 Hour Service - 7 Days a week
1-800-809-4623
WebSite: www.molderschoice.com • Email: molders@molderschoice.com