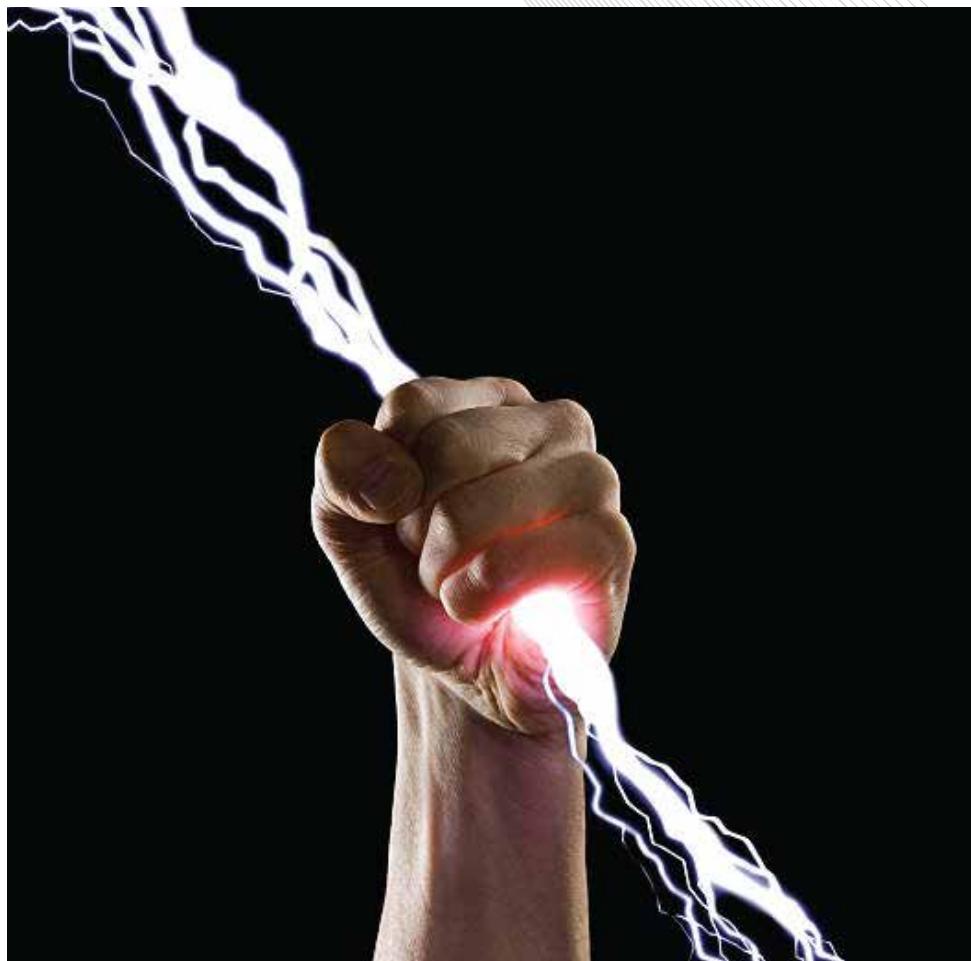




BARION Engineering

AMERICAN STANDARD CONDUIT SYSTEMS



METALLIC CABLE PROTECTION EQUIPMENT

RIGID CONDUIT, FITTINGS & ACCESSORIES
FLEXIBLE CONDUIT & ACCESSORIES
ADAPTABLE BOXES/SWITCH
& SOCKET BOXES/UTILITY BOXES
STAINLESS STEEL CONDUIT SYSTEM
RMC CONDUIT SYSTEM
IMC CONDUIT SYSTEM
BENDING MACHINE - BS & EMT
MALLEABLE PIPE FITTINGS

THE COMPANY - BARTON ENGINEERING FZE

Barton Engineering FZE supplies and distributes the premium quality Barton brand of rigid and flexible hot dipped galvanised steel conduit, along with all associated electrical cable management systems and a wide range of accessories and fittings.

Barton Engineering operates from its regional distribution centre located within the Jebel Ali Free Zone, Dubai, UAE, and has a subsidiary in Riyadh, Saudi Arabia.

Barton products are renowned for their high quality and competitive pricing and are available via a network of approved distributors.

THE QUALITY-BARTON ENGINEERING ISO 9001:2015 QUALITY MANAGEMENT SYSTEM (QMS)

The premium quality products listed in this brochure are manufactured in accordance with the globally recognised and independently audited ISO 9001:2015 Quality Management System. This assures products are produced in accordance with the highest relevant international quality standards.

In addition to ISO 9001:2015, Barton Engineering FZE operations are subject to continuous assessment programmes including the Environmental Management Standard, ISO 14001:2015 and the Occupational Health and Safety Standard ISO 45001:2018.

THE SERVICE

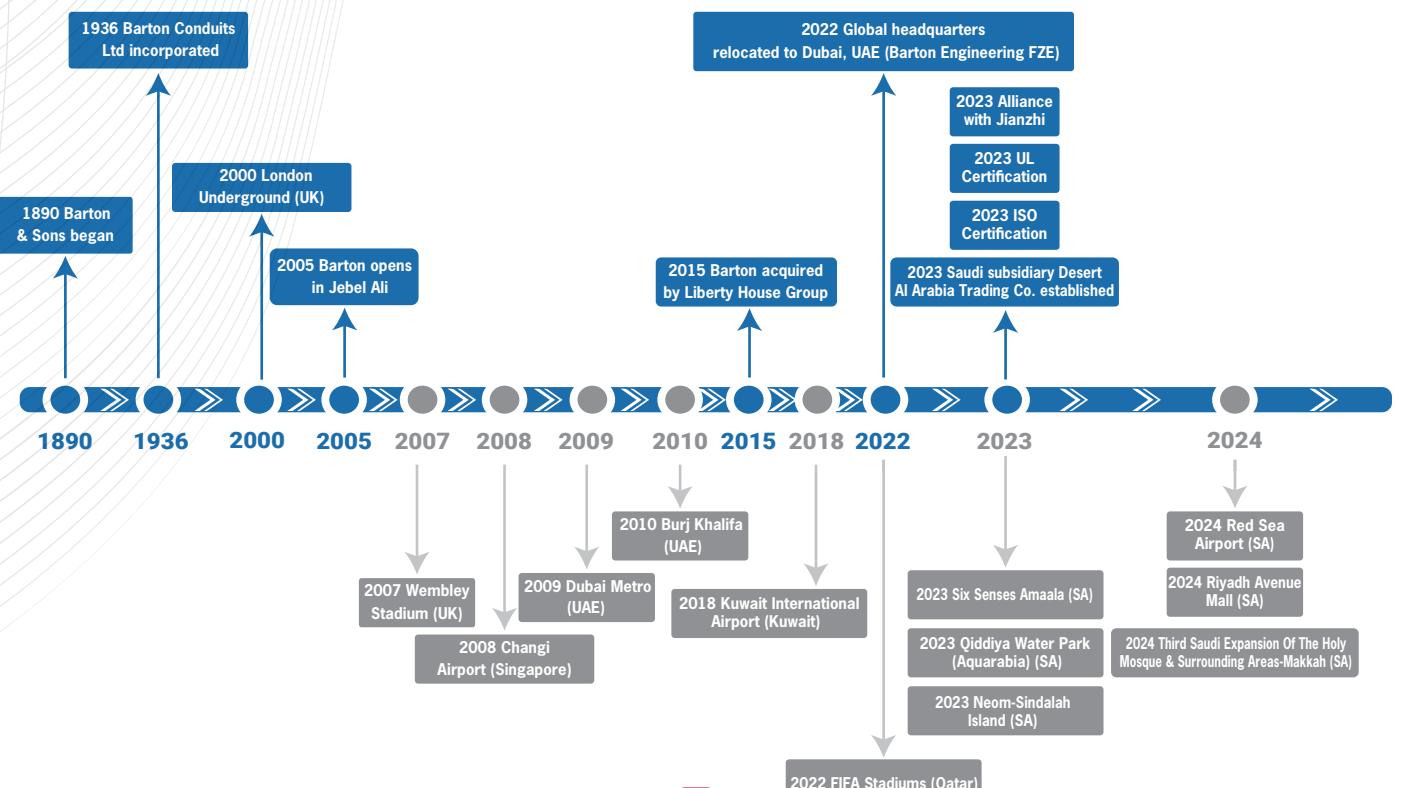
Barton provides a highly efficient customer-focused operation, driving customer trust and satisfaction, with

a wide range of premium quality products, produced using controlled processes. Fully trained specialist technical sales personnel are available to support all clients at all times.

STANDARDS

Barton products are manufactured in accordance with the relevant standards, details of which are given below:

| PRODUCT | STANDARDS |
|---|--|
| EMT/IMC/RMC Conduit | ANSI C80 3 UL 797 UL 514B UL 2239 UL 6 UL 1242 UL 514A |
| Rigid Steel Conduit, System & Accessories | BS 4568 Part 1 & 2 BS EN 50086-1 BS EN 5086-21 BS EN 61386-1 BS EN IEC 61386-21 BS 31 |
| Adaptable Boxes | BS 4568 Part 2 BS 60670 |
| Flexible Conduit | BS EN IEC 61386-23:2021+A11:2021 UL1 UL360 |
| Switch and Socket Boxes | BS 4662 BS EN IEC 61386-21 |
| Stainless System | BS EN 50086 |



| | |
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CERTIFICATES

ISO CERTIFICATES

CERTIFICATE
OF REGISTRATION

This is to certify that the Management System of
Barton Engineering FZE
P.O. Box: 203311, Street 2031, P.O. Box: 203311, South Zone 3,
Devel Al Free Zone, Dubai, United Arab Emirates

has been assessed and registered to the requirements of
Certificates as conforming to the requirements of

ISO 14001:2015
Environmental Management System

The environmental management system is applicable to:
Manufacturing, Steel & Alloy Products Cutting, Supply, Stockholding,
Distribution of GI Conduits, Flexible Conduits, EMT Conduits, Tubes
including Trunking, Cable Tray, Conduit Tube and Fittings, Conduit
Accessories, Electrical Enclosures, Switch & Socket Boxes, and
Temporary wireless Fire Alarm Systems.

IMF (IAF) / IAC (IECEx) Code: 3724.20 & 2946.72

Certification No.: VSC059420123804

Initial Certificate Date: 05/04/2023

Surveillance Audit date / Certificate expiry date: 07/04/2024

Re-certification date: 05/04/2025

Veritas International Quality Certification B.V.C.
P.O. Box: 120901, De Ruykenlaan 100, Delft, The Netherlands

D. [Signature]

Authorised Signature
Quality Certifications B.V.C.

This certificate remains valid for the duration of the management system's registration with the Management System.

This certificate remains the property of Quality Certifications B.V.C. and must be returned or re-issued if the document is lost, damaged or destroyed. It is illegal to copy or reproduce this certificate without written permission from Quality Certifications B.V.C. Using any device with control software is illegal to administer this certificate.

VERITAS

IAF **IECEx**

VERITAS
Quality Certifications B.V.C.

This certificate contains a QR code which can be scanned by a mobile device with a camera to verify its authenticity.

UL CERTIFICATES-EMT/IMC/RMC

The UL logo consists of a red circle containing the letters "UL". A smaller red circle with a registered trademark symbol (®) is positioned at the bottom center of the larger circle.


UL Solutions

Certificate of Compliance

Certificate Number:
ES34893

Report Reference:
ES34893-20200622

Issue Date:
2024-FEBRUARY-21

Issued to:
Barton Engineering Ltd
1st Floor, 3 More London Place
London, SE1 2RE United Kingdom |

This certificate confirms that representative samples of
CONDUIT AND CABLE HARDWARE
See next page for models.

Has been evaluated by UL LLC in accordance with Standard(s) for
Safety:

**UL 2239, Hardware for the Support of
Conduit, Tubing and Cable.**

Additional Information:
See UL Product iList at <https://ul.ultrasearch.com> for additional information.

This Certificate of Compliance indicates that representative samples of the products described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the following services provides for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's FollowUp Services.

Look for the UL Certification Mark on the product.



David Pusch
UL Mark Certification Program Owner

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Form#ES-2024-01-0001 Rev 1.0



Certificate of Compliance

Bartol Engineering Ltd
1st Floor, 3 More London Place
London, SE1 2RE United Kingdom |

This certificate confirms that representative samples of
FLEXIBLE METAL CONDUIT
 See next page for models.

Has been evaluated by UL LLC in accordance with Standard(s) for
Safety:
UL 1 - Flexible Metal Conduit.

Additional information:
 Standard, Product ID at <https://ics.ultraconnect.com> and additional
 information.

This Certificate of Compliance indicates that representative samples of the
 product described on the certificate have been evaluated by UL LLC in accordance
 with the applicable standard(s). This certificate does not provide authorization
 to apply the UL Mark. Only the Authorization Page that references the
 applicable standard(s) and provides the authority for ongoing surveillance provides
 authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being
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David Plesch
 UL Mark Certification Program Owner

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| <p>Certificate Number: E534891</p> <p>Report Reference: E534891-20230621</p> <p>Issue Date: 2024 FEBRUARY-21</p> | |
| <p>Issued to:</p> <p>Barton Engineering Ltd 1st Floor, 3 More London Place London, SE1 2RE United Kingdom </p> <p>This certificate confirms that representative samples of ELECTRICAL METALLIC TUBING FITTINGS See next page for models.</p> <p>Has been evaluated by UL LLC in accordance with Standard(s) for Safety.</p> <p>UL 512, Conduit, Tubing, and Cable Fittings.</p> <p>Additional Information: See UL's Product IQ at https://its.ulcertification.com for additional information.</p> <p>This Certificate of Compliance indicates that representative samples of the product described in the certifier report have met the requirements of the applicable UL Standard(s). The UL Mark may be applied to the UL Mark. Only the Authorization Page that references the Follow-up Services section for ongoing surveillance provides authority to apply the UL Mark.</p> <p>Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.</p> <p>Look for the UL Certification Mark on the product.</p> | |
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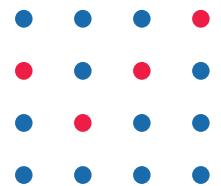
| | | |
|--|--|--|
|  UL Solutions Certificate Number: ES34889 Report Reference: E534889-20240315 Issue Date: 2024MARCH-15 | | <h1>Certificate of Compliance</h1> <p>Issued to:</p> <p>Barton Engineering Ltd 1st Floor, 3 More London Place, LONDON, SE1 2RE, UNITED KINGDOM </p> <p>This certificate confirms that representative samples of: ELECTRICAL METALLIC TUBING See next page for models.</p> <p>Has been evaluated by UL LLC in accordance with Standard(s) for Safety.</p> <p>See next page for Standards for Safety.</p> <p>Additional Information: See Product ID # https://ul.ulnservice.com for additional information.</p> <p>This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for the applicable UL Standard(s) and UL's scope of evaluation.</p> <p>Only the Authorization Page that references the Follow-Up Services procedure for ongoing surveillance provides authorization to apply the UL Mark.</p> <p>Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.</p> <p>Look for the UL Certification Mark on the product.</p> <p style="text-align: center;"> David Proulx UL Mark Certification Program Owner</p> <p><small>Any itemized and disseminated marking of UL Mark services are granted on behalf of UL LLC, Inc. or any authorized licensee entity. For questions, please contact the Global Customer Service or Sales.</small></p> |
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UL CERTIFICATES-EMT/IMC/RMC



EMT CONDUIT SYSTEM





EMT – Electrical Metallic Tubing

High capacity, lightweight steel conduit tube for optimal protection

- Thin walled unthreaded steel conduit tube
- Manufactured from galvanised high grade steel
- Supplied in 10 feet (3.05m) lengths without couplers/connectors
- Connected using EMT fittings
- Underwriters Laboratory UL797
- American National Standard Institute ANSI C80.3
- Excellent resistance to extreme temperatures and environments
- Does not burn or produce harmful gases
- Smooth interior for easy wire pulling



BARTON ELECTRICAL METALLIC TUBING - STEEL (DIMENSIONS)

| Nominal Trade Size | | Part Number | Length | Nominal Outside Diameter | | Nominal Wall Thickness | |
|--------------------|-----|-------------|--------------------|--------------------------|-------|------------------------|--------|
| Inch | mm | | | Inch | mm | Inch | mm |
| 1/2 | 16 | BEMT050 | 10 Feet (3.05m) | 0.709 | 17.93 | 0.042 | 1.07 |
| 3/4 | 21 | BEMT075 | | 0.922 | 23.42 | 0.049 | 1.24 |
| 1 | 27 | BEMT100 | | 1.163 | 29.54 | 0.057 | 1.45 |
| 1 1/4 | 35 | BEMT125 | | 1.51 | 38.35 | 0.065 | 1.65 |
| 1 1/2 | 41 | BEMT150 | | 1.74 | 44.2 | 0.065 | 1.65 |
| 2 | 53 | BEMT200 | | 2.197 | 55.8 | 0.065 | 1.65 |
| 2 1/2 | 63 | BEMT250 | | 2.875 | 73.03 | 2.731 | 69.37 |
| 3 | 78 | BEMT050 | | 3.5 | 88.9 | 3.356 | 85.24 |
| 3 1/2 | 91 | BEMT350 | | 4 | 101.6 | 3.834 | 97.38 |
| 4 | 103 | BEMT400 | | 4.5 | 114.3 | 4.334 | 110.08 |

- Large diameters are available on request

QUALITY, ENVIRONMENT AND SERVICE

Barton EMT is the most cost-effective premium quality conduit solution, where light weight and maximum wire carrying capacity are important factors in the electrical cable protection system.

Barton EMT is manufactured to tight tolerances on modern and efficient tube rolling mills to consistently high standards.

Barton steel conduit is easily installed, reused recycled and modified. It provides excellent strength to weight and long-lasting resistance against corrosion in the most extreme of applications.

Barton products are backed by a fast, reliable, and comprehensive local service.



Standard: UL 797/ANSI C80.3/UL 514B



EMT Set Screw Type Coupling

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZSSO050 |
| 3/4 | BEZSSO075 |
| 1 | BEZSSO100 |
| 1 1/4 | BEZSSO125 |
| 1 1/2 | BEZSSO150 |
| 2 | BEZSSO200 |
| 2 1/2 | BEZSSO250 |
| 3 | BEZSSO300 |
| 4 | BEZSSO400 |

UL File No: E534891



EMT Set Screw Type Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZSSC050 |
| 3/4 | BEZSSC075 |
| 1 | BEZSSC100 |
| 1 1/4 | BEZSSC125 |
| 1 1/2 | BEZSSC150 |
| 2 | BEZSSC200 |
| 2 1/2 | BEZSSC250 |
| 3 | BEZSSC300 |
| 4 | BEZSSC400 |

UL File No: E534891



Offset Nipples

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEOC050 |
| 3/4 | BEOC075 |
| 1 | BEOC100 |
| 1 1/4 | BEOC125 |
| 1 1/2 | BEOC150 |
| 2 | BEOC200 |

UL File No: E534890



EMT Compression Type Coupling

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZECO050 |
| 3/4 | BEZECO075 |
| 1 | BEZECO100 |
| 1 1/4 | BEZECO125 |
| 1 1/2 | BEZECO150 |
| 2 | BEZECO200 |

UL File No: E534891



Saddle Combination Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 3/8 | BESDC038 |



EMT Rigid Bushings (Insulated)

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZERB050 |
| 3/4 | BEZERB075 |
| 1 | BEZERB100 |
| 1 1/4 | BEZERB125 |
| 1 1/2 | BEZERB150 |
| 2 | BEZERB200 |
| 2 1/2 | BEZERB250 |
| 3 | BEZERB300 |
| 4 | BEZERB400 |

UL File No: E534890



EMT Locknut

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZL50 |
| 3/4 | BEZL75 |
| 1 | BEZL100 |
| 1 3/4 | BEZL125 |
| 1/2 | BEZL150 |
| 2 | BEZL200 |
| 2 1/2 | BEZL250 |
| 3 | BEZL300 |
| 3 1/2 | BEZL350 |
| 4 | BEZL400 |



EMT Compression Type Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZECC050 |
| 3/4 | BEZECC075 |
| 1 | BEZECC100 |
| 1 1/4 | BEZECC125 |
| 1 1/2 | BEZECC150 |
| 2 | BEZECC200 |

UL File No: E534891



EMT to Box Pull Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZB050 |
| 3/4 | BEZB075 |
| 1 | BEZB100 |
| 1 1/4 | BEZB125 |
| 1 1/2 | BEZB150 |
| 2 | BEZB200 |

UL File No: E534891



EMT to Box Compression Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEBC050 |
| 3/4 | BEBC075 |
| 1 | BEBC100 |

UL File No: E534891



Standard: UL 797/ANSI C80.3/UL 514B



EMT Set Screw Type Coupling

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESSO050 |
| 3/4 | BESSO075 |
| 1 | BESSO100 |
| 1 1/4 | BESSO125 |
| 1 1/2 | BESSO150 |
| 2 | BESSO200 |
| 2 1/2 | BESSO250 |
| 3 | BESSO300 |
| 3 1/2 | BESSO350 |
| 4 | BESSO400 |

UL File No: E534891



EMT Compression Type Coupling

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESEC050 |
| 3/4 | BESEC075 |
| 1 | BESEC100 |
| 1 1/4 | BESEC125 |
| 1 1/2 | BESEC150 |
| 2 | BESEC200 |
| 2 1/2 | BESEC250 |
| 3 | BESEC300 |
| 3 1/2 | BESEC350 |
| 4 | BESEC400 |

UL File No: E534891



EMT Set Screw Type Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESSC050 |
| 3/4 | BESSC075 |
| 1 | BESSC100 |
| 1 1/4 | BESSC125 |
| 1 1/2 | BESSC150 |
| 2 | BESSC200 |
| 2 1/2 | BESSC250 |
| 3 | BESSC300 |
| 3 1/2 | BESSC350 |
| 4 | BESSC400 |

UL File No: E534891



EMT Compression Type Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESECC050 |
| 3/4 | BESECC075 |
| 1 | BESECC100 |
| 1 1/4 | BESECC125 |
| 1 1/2 | BESECC150 |
| 2 | BESECC200 |
| 2 1/2 | BESECC250 |
| 3 | BESECC300 |
| 3 1/2 | BESECC350 |
| 4 | BESECC400 |

UL File No: E534891



EMT Insulated Set Screw Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESSIC050 |
| 3/4 | BESSIC075 |
| 1 | BESSIC100 |
| 1 1/4 | BESSIC125 |
| 1 1/2 | BESSIC150 |
| 2 | BESSIC200 |
| 2 1/2 | BESSIC250 |
| 3 | BESSIC300 |
| 3 1/2 | BESSIC350 |
| 4 | BESSIC400 |

UL File No: E534891



EMT Insulated Compression Connector

| Size (Inch) | Part Code |
|-------------|------------|
| 1/2 | BESECIC050 |
| 3/4 | BESECIC075 |
| 1 | BESECIC100 |
| 1 1/4 | BESECIC125 |
| 1 1/2 | BESECIC150 |
| 2 | BESECIC200 |
| 2 1/2 | BESECIC250 |
| 3 | BESECIC300 |
| 3 1/2 | BESECIC350 |
| 4 | BESECIC400 |

UL File No: E534891



EMT Locknut

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEL50 |
| 3/4 | BEL75 |
| 1 | BEL100 |
| 1 1/4 | BEL125 |
| 1 1/2 | BEL150 |
| 2 | BEL200 |
| 2 1/2 | BEL250 |
| 3 | BEL300 |
| 3 1/2 | BEL350 |
| 4 | BEL400 |

UL File No: E534890



EMT Insulated Locknut

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEIL050 |
| 3/4 | BEIL075 |
| 1 | BEIL100 |
| 1 1/4 | BEIL125 |
| 1 1/2 | BEIL150 |
| 2 | BEIL200 |
| 2 1/2 | BEIL250 |
| 3 | BEIL300 |
| 3 1/2 | BEIL350 |
| 4 | BEIL400 |
| 5 | BEIL500 |
| 6 | BEIL600 |

Standard: UL 797/ANSI C80.3/UL 514B



UL File No: E534891

EMT Raintight Compression Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BERTCC050 |
| 3/4 | BERTCC075 |
| 1 | BERTCC100 |
| 1 1/4 | BERTCC125 |
| 1 1/2 | BERTCC150 |
| 2 | BERTCC200 |
| 2 1/2 | BERTCC250 |
| 3 | BERTCC300 |
| 3 1/2 | BERTCC350 |
| 4 | BERTCC400 |

EMT 45° Elbows

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESE45050 |
| 3/4 | BESE45075 |
| 1 | BESE45100 |
| 1 1/4 | BESE45125 |
| 1 1/2 | BESE45150 |
| 2 | BESE45200 |
| 2 1/2 | BESE45250 |
| 3 | BESE45300 |
| 3 1/2 | BESE45350 |
| 4 | BESE45400 |



UL File No: E534891

EMT Raintight Compression Coupling

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BERTCO050 |
| 3/4 | BERTCO075 |
| 1 | BERTCO100 |
| 1 1/4 | BERTCO125 |
| 1 1/2 | BERTCO150 |
| 2 | BERTCO200 |
| 2 1/2 | BERTCO250 |
| 3 | BERTCO300 |
| 3 1/2 | BERTCO350 |
| 4 | BERTCO400 |

EMT 90° Elbows

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESE90050 |
| 3/4 | BESE90075 |
| 1 | BESE90100 |
| 1 1/4 | BESE90125 |
| 1 1/2 | BESE90150 |
| 2 | BESE90200 |
| 2 1/2 | BESE90250 |
| 3 | BESE90300 |
| 3 1/2 | BESE90350 |
| 4 | BESE90400 |



UL File No: E534893

EMT Half Saddle

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESEHS050 |
| 3/4 | BESEHS075 |
| 1 | BESEHS100 |
| 1 1/4 | BESEHS125 |
| 1 1/2 | BESEHS150 |
| 2 | BESEHS200 |
| 2 1/2 | BESEHS250 |
| 3 | BESEHS300 |
| 4 | BESEHS400 |

Conduit Hanger

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESCH050 |
| 3/4 | BESCH075 |
| 1 | BESCH100 |
| 1 1/4 | BESCH125 |
| 1 1/2 | BESCH150 |
| 2 | BESCH200 |
| 2 1/2 | BESCH250 |
| 3 | BESCH300 |
| 3 1/2 | BESCH350 |
| 4 | BESCH400 |



UL File No: E534893

EMT Full Saddle

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESEFS050 |
| 3/4 | BESEFS075 |
| 1 | BESEFS100 |
| 1 1/4 | BESEFS125 |
| 1 1/2 | BESEFS150 |
| 2 | BESEFS200 |
| 2 1/2 | BESEFS250 |
| 3 | BESEFS300 |
| 4 | BESEFS400 |

Strut Clamp

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BESUSC050 |
| 3/4 | BESUSC075 |
| 1 | BESUSC100 |
| 1 1/4 | BESUSC125 |
| 1 1/2 | BESUSC150 |
| 2 | BESUSC200 |
| 2 1/2 | BESUSC250 |
| 3 | BESUSC300 |
| 3 1/2 | BESUSC350 |
| 4 | BESUSC400 |

Barton flexible steel conduit system protect power, lighting, and data cables from vibrations, movement, corrosion, and water damage. The conduit's galvanised steel core is manufactured with precise tolerances, in compliance with UL 1/UL 360 standards, resulting in a smooth bore that facilitates cable pulling.

These systems are available in steel or with a PVC/liquid-tight covering. Barton steel flexible conduit systems are designed to perform well in harsh environments, such as extreme temperatures, dust, saltwater, and UV exposure.

Flexible Metal Conduit



- High Flexible
- High Mechanical Strength
- Inherent Low Fire Hazard

Operating Temperature: -100°C to +300°C

IP Rating with standard fittings: IP40



FLEXIBLE METAL CONDUIT – STEEL (DIMENSIONS)

| Part Number | Trade Size (Inch) | External Diameter(mm) | Internal Diameter(mm) | Min. Bend Radius (mm) | Length of Conduit (M/Roll) |
|-------------|-------------------|-----------------------|-----------------------|-----------------------|----------------------------|
| BEFC05030 | ½ | 17 | 13 | 43 | 30 |
| BEFC07530 | ¾ | 23 | 19 | 50 | 30 |
| BEFC10030 | 1 | 29 | 25 | 57 | 30 |
| BEFC12515 | 1 ¼ | 36 | 32 | 70 | 15 |
| BEFC15015 | 1 ½ | 43 | 38 | 80 | 15 |
| BEFC20015 | 2 | 55 | 50 | 95 | 15 |

Large diameters are available on request.

Product Features

- Protects wires against damages
- Reduces the risk of electrical hazards
- Used as a last mile connection
- Keeps wires safely organised in one place
- Protects installations in oil and gas, marine, aviation, healthcare, food hygiene, data centres, machinery and transport



LIQUID TIGHT FLEXIBLE CONDUIT



- High Tensile Strength
- Good Mechanical Protection
- Corrosion Resistance
- Smooth Interior for Easy Wire Pulling

Operating Temperature: -20°C to +105°C

IP Rating with standard fittings: IP66

LIQUID TIGHT FLEXIBLE CONDUIT – STEEL (DIMENSIONS)

| Part Number | Trade Size (Inch) | External Diameter(mm) | | Internal Diameter(mm) | | Min. Bend Radius (mm) | Length of Conduit (M/Roll) |
|-------------|-------------------|-----------------------|------|-----------------------|------|-----------------------|----------------------------|
| | | Min | Max | Min | Max | | |
| BELT05030 | ½ | 20.8 | 21.3 | 15.8 | 16.3 | 65 | 30 |
| BELT07530 | ¾ | 26.2 | 26.7 | 20.7 | 21.2 | 75 | 30 |
| BELT10030 | 1 | 32.7 | 33.4 | 26.4 | 26.8 | 100 | 30 |
| BELT12530 | 1 ¼ | 41.4 | 42.2 | 35.5 | 35.4 | 120 | 15 |
| BELT15030 | 1 ½ | 47.4 | 48.3 | 40.1 | 40.6 | 140 | 15 |
| BELT20030 | 2 | 59.4 | 60.3 | 51.3 | 51.9 | 180 | 15 |

Large diameters are available on request.

Flexible Conduit Adaptors



Squeeze Connector (Straight)

| Size (Inch) | Part Code |
|-------------|-----------|
| 3/8 | BEZFSC038 |
| 1/2 | BEZFSC050 |
| 3/4 | BEZFSC075 |
| 1 | BEZFSC100 |
| 1 ¼ | BEZFSC125 |
| 1 ½ | BEZFSC150 |
| 2 | BEZFSC200 |
| 2 ½ | BEZFSC250 |
| 3 | BEZFSC300 |
| 4 | BEZFSC400 |

UL File No: E534890

Combinations Couplings (EMT to Flexible Conduit)

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEZFCC050 |
| 3/4 | BEZFCC075 |
| 1 | BEZFCC100 |

UL File No: E534890



Insulated Liquid Tight Connectors (Straight)

| Size (Inch) | Part Code |
|-------------|-----------|
| 3/8 | BEZLT1038 |
| 1/2 | BEZLT1050 |
| 3/4 | BEZLT1075 |
| 1 | BEZLT1100 |
| 1 ¼ | BEZLT1125 |
| 1 ½ | BEZLT1150 |
| 2 | BEZLT1200 |
| 2 ½ | BEZLT1250 |
| 3 | BEZLT1300 |
| 4 | BEZLT1400 |

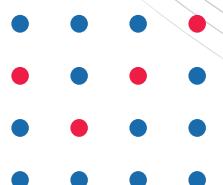
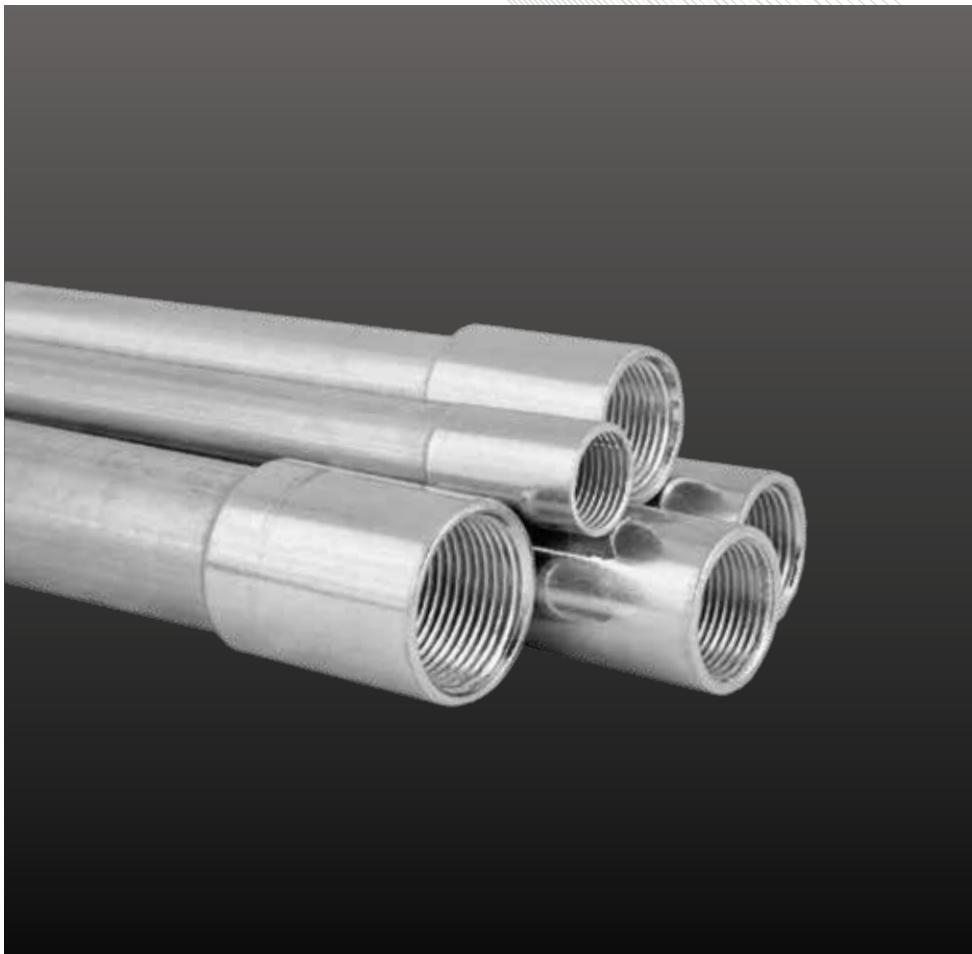
UL File No: E534890



Insulated Liquid Tight Connectors (90°)

| Size (Inch) | Part Code |
|-------------|-----------|
| 3/8 | BEZLT9038 |
| 1/2 | BEZLT9050 |
| 3/4 | BEZLT9075 |
| 1 | BEZLT9100 |
| 1 ¼ | BEZLT9125 |
| 1 ½ | BEZLT9150 |
| 2 | BEZLT9200 |
| 2 ½ | BEZLT9250 |
| 3 | BEZLT9300 |
| 4 | BEZLT9400 |

IMC CONDUIT SYSTEM



INTERMEDIATE METAL CONDUIT (IMC)



- IMC conduit is high strength, corrosion resistant, threaded ductile steel conduit tube, hot dip galvanised after manufacture for maximum protection.
- It has NPT threaded fittings.
- It offers excellent resistance to extreme temperatures and corrosive environments.
- It does not burn or produce harmful gases.
- It has a smooth interior for easy wire pulling.
- UL file no: E542638

BARTON INTERMEDIATE METAL CONDUIT (IMC) DIMENSIONS

| Nominal Trade Size | | Part Number | Length | Nominal Outside Diameter | | Nominal Wall Thickness | |
|--------------------|-----|-------------|--------|--------------------------|--------|------------------------|------|
| Inch | mm | | | Inch | mm | Inch | mm |
| 1/2 | 16 | BIMC050 | 3030 | 0.810 | 20.57 | 0.070 | 1.79 |
| 3/4 | 21 | BIMC075 | 3030 | 1.024 | 26.01 | 0.070 | 1.90 |
| 1 | 27 | BIMC100 | 3025 | 1.285 | 32.64 | 0.075 | 2.16 |
| 1 1/4 | 35 | BIMC125 | 3025 | 1.630 | 41.40 | 0.085 | 2.16 |
| 1 1/2 | 41 | BIMC150 | 3025 | 1.875 | 47.62 | 0.085 | 2.29 |
| 2 | 53 | BIMC200 | 3025 | 2.352 | 59.74 | 0.090 | 2.41 |
| 2 1/2 | 63 | BIMC250 | 3010 | 2.847 | 72.31 | 0.095 | 3.56 |
| 3 | 78 | BIMC300 | 3010 | 3.466 | 88.04 | 0.140 | 3.56 |
| 3 1/2 | 91 | BIMC350 | 3005 | 3.961 | 101.12 | 0.140 | 3.56 |
| 4 | 103 | BIMC400 | 3005 | 4.456 | 113.69 | 0.140 | 3.56 |

Applications:

- Commercial and industrial buildings
- Outdoor installations
- Hazardous locations
- Power distribution
- Fire alarm and security systems
- Industrial machinery
- Underground installations



UL File No: E534890

IMC Steel Compression Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISC050 |
| 3/4 | BISC075 |
| 1 | BISC100 |
| 1 1/4 | BISC125 |
| 1 1/2 | BISC150 |
| 2 | BISC200 |
| 2 1/2 | BISC250 |
| 3 | BISC300 |
| 3 1/2 | BISC350 |
| 4 | BISC400 |



UL File No: E534890

IMC Steel Compression Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISO050 |
| 3/4 | BISO075 |
| 1 | BISO100 |
| 1 1/4 | BISO125 |
| 1 1/2 | BISO150 |
| 2 | BISO200 |
| 2 1/2 | BISO250 |
| 3 | BISO300 |
| 3 1/2 | BISO350 |
| 4 | BISO400 |



IMC Steel Set-Screw Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSSSC050 |
| 3/4 | BRSSSC075 |
| 1 | BRSSSC100 |
| 1 1/4 | BRSSSC125 |
| 1 1/2 | BRSSSC150 |
| 2 | BRSSSC200 |



IMC Steel Set-Screw Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSSSO050 |
| 3/4 | BRSSSO075 |
| 1 | BRSSSO100 |
| 1 1/4 | BRSSSO125 |
| 1 1/2 | BRSSSO150 |
| 2 | BRSSSO200 |



UL File No: E542638

IMC 90° Steel Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISE90050 |
| 3/4 | BISE90075 |
| 1 | BISE90100 |
| 1 1/4 | BISE90125 |
| 1 1/2 | BISE90150 |
| 2 | BISE90200 |
| 2 1/2 | BISE90250 |
| 3 | BISE90300 |
| 3 1/2 | BISE90350 |
| 4 | BISE90400 |



UL File No: E542638

IMC 45° STEEL ELBOW

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISE45050 |
| 3/4 | BISE45075 |
| 1 | BISE45100 |
| 1 1/4 | BISE45125 |
| 1 1/2 | BISE45150 |
| 2 | BISE45200 |
| 2 1/2 | BISE45250 |
| 3 | BISE45300 |
| 3 1/2 | BISE45350 |
| 4 | BISE45400 |



IMC Zinc Locknut

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZL050 |
| 3/4 | BRZL075 |
| 1 | BRZL100 |
| 1 1/4 | BRZL125 |
| 1 1/2 | BRZL150 |
| 2 | BRZL200 |
| 2 1/2 | BRZL250 |
| 3 | BRZL300 |
| 4 | BRZL400 |



Watertight Conduit Hub

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZWH050 |
| 3/4 | BRZWH075 |
| 1 | BRZWH100 |
| 1 1/4 | BRZWH125 |
| 1 1/2 | BRZWH150 |
| 2 | BRZWH200 |
| 2 1/2 | BRZWH250 |
| 3 | BRZWH300 |
| 4 | BRZWH400 |



UL File No: E542638

IMC Steel Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISCO050 |
| 3/4 | BISCO075 |
| 1 | BISCO100 |
| 1 1/4 | BISCO125 |
| 1 1/2 | BISCO150 |
| 2 | BISCO200 |
| 2 1/2 | BISCO250 |
| 3 | BISCO300 |
| 3 1/2 | BISCO350 |
| 4 | BISCO400 |



UL File No: E534890

Three-Piece Malleable Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BIMTC050 |
| 3/4 | BIMTC075 |
| 1 | BIMTC100 |
| 1 1/4 | BIMTC125 |
| 1 1/2 | BIMTC150 |
| 2 | BIMTC200 |
| 2 1/2 | BIMTC250 |
| 3 | BIMTC300 |
| 3 1/2 | BIMTC350 |
| 4 | BIMTC400 |
| 5 | BIMTC500 |
| 6 | BIMTC600 |

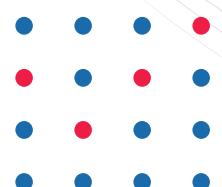
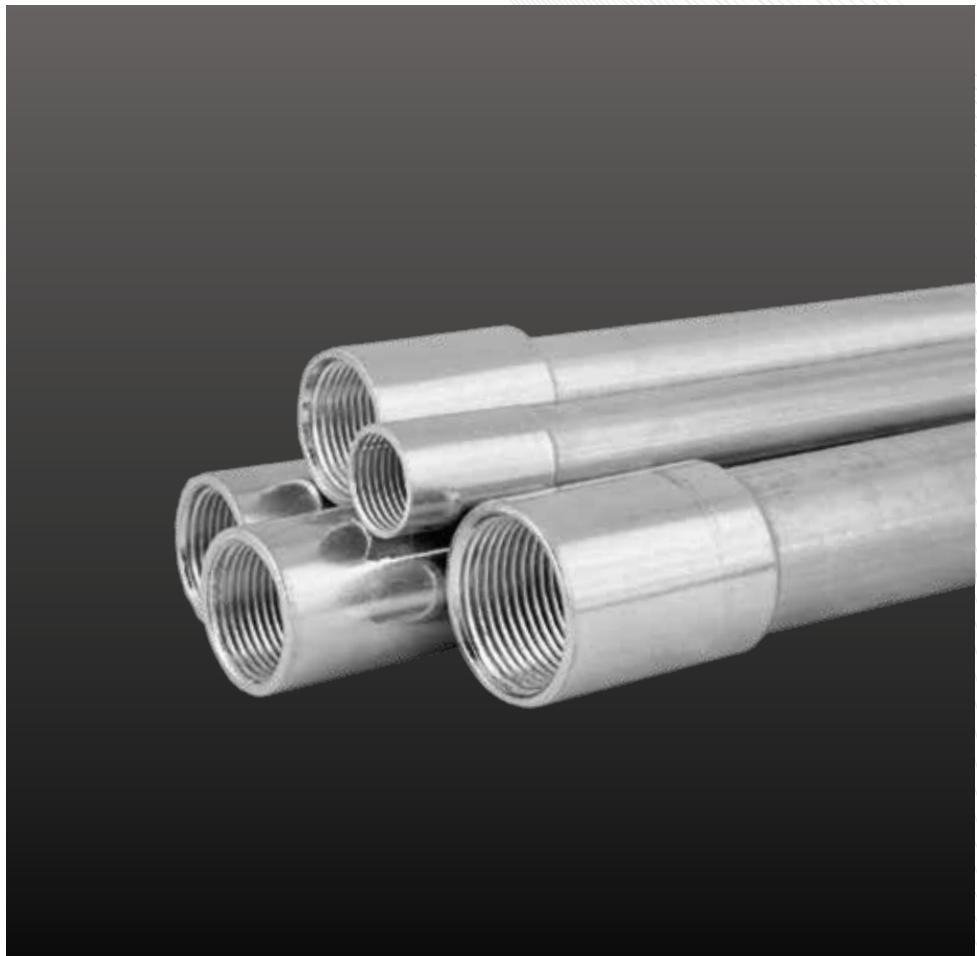


UL File No: E534890

IMC Offset Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEOC050 |
| 3/4 | BEOC075 |
| 1 | BEOC100 |
| 1 1/4 | BEOC125 |
| 1 1/2 | BEOC150 |
| 2 | BEOC200 |

RMC CONDUIT SYSTEM



RIGID METAL CONDUIT (RMC)



- RMC is a thick-walled, highly corrosion-resistant, high-strength, threaded ductile steel conduit, designed for cable systems.
- It is hot dip galvanised after production to ensure maximum protection.
- It has NPT threaded fittings.
- It offers excellent resistance to extreme temperatures and corrosive environments.
- It does not burn or produce harmful gases.
- It has a smooth interior for easy wire pulling.
- It has a coating of zinc on both outside and inside surfaces.
- It is also non-combustible and can be used indoors, outdoors, underground, concealed or in exposed areas.
- Underwriters laboratories UL6.
- UL file no. E542637

BARTON RIGID METAL CONDUIT (RMC) DIMENSIONS

| Nominal Trade Size | | Part Number | Length | Nominal Outside Diameter | | Nominal Wall Thickness | |
|--------------------|-----|-------------|--------|--------------------------|-------|------------------------|-----|
| Inch | mm | | | Inch | mm | Inch | mm |
| 1/2 | 16 | BRMC050 | 3030 | 0.810 | 21.3 | 0.104 | 2.6 |
| 3/4" | 21 | BRMC075 | 3030 | 1.024 | 26.7 | 0.107 | 2.7 |
| 1 | 27 | BRMC100 | 3025 | 1.285 | 33.4 | 0.126 | 3.2 |
| 1 1/4 | 35 | BRMC125 | 3025 | 1.630 | 42.2 | 0.133 | 3.4 |
| 1 1/2 | 41 | BRMC150 | 3025 | 1.875 | 48.3 | 0.138 | 3.5 |
| 2 | 53 | BRMC200 | 3025 | 2.352 | 60.3 | 0.146 | 3.7 |
| 2 1/2 | 63 | BRMC250 | 3010 | 2.847 | 73.0 | 0.193 | 4.9 |
| 3 | 78 | BRMC300 | 3010 | 3.466 | 88.9 | 0.205 | 5.2 |
| 3 1/2 | 91 | BRMC350 | 3005 | 3.961 | 101.6 | 0.215 | 5.5 |
| 4 | 103 | BRMC400 | 3005 | 4.456 | 114.3 | 0.225 | 5.7 |
| 5 | 129 | BRMC500 | 2995 | 5.563 | 141.3 | 0.245 | 6.2 |
| 6 | 155 | BRMC600 | 2995 | 6.625 | 168.3 | 0.266 | 6.8 |

Applications:

- Commercial and industrial buildings
- Outdoor installations
- Hazardous locations
- Mechanical rooms
- Bridge and tunnel installations
- Power distribution
- Underground installations



UL File No: E534890

Rigid Steel Compression Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISC050 |
| 3/4 | BISC075 |
| 1 | BISC100 |
| 1 1/4 | BISC125 |
| 1 1/2 | BISC150 |
| 2 | BISC200 |
| 2 1/2 | BISC250 |
| 3 | BISC300 |
| 3 1/2 | BISC350 |
| 4 | BISC400 |



UL File No: E534890

Rigid Steel Compression Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISO050 |
| 3/4 | BISO075 |
| 1 | BISO100 |
| 1 1/4 | BISO125 |
| 1 1/2 | BISO150 |
| 2 | BISO200 |
| 2 1/2 | BISO250 |
| 3 | BISO300 |
| 3 1/2 | BISO350 |
| 4 | BISO400 |



UL File No: E534893

Rigid 2-Hole Strap

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISIFS050 |
| 3/4 | BISIFS075 |
| 1 | BISIFS100 |
| 1 1/4 | BISIFS125 |
| 1 1/2 | BISIFS150 |
| 2 | BISIFS200 |
| 2 1/2 | BISIFS250 |
| 3 | BISIFS300 |
| 3 1/2 | BISIFS350 |
| 4 | BISIFS400 |



UL File No: E542637

Rigid 90° Steel Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSE90050 |
| 3/4 | BRSE90075 |
| 1 | BRSE90100 |
| 1 1/4 | BRSE90125 |
| 1 1/2 | BRSE90150 |
| 2 | BRSE90200 |
| 2 1/2 | BRSE90250 |
| 3 | BRSE90300 |
| 3 1/2 | BRSE90350 |
| 4 | BRSE90400 |



UL File No: E534893

Rigid 1-Hole Strap

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BISIHS050 |
| 3/4 | BISIHS075 |
| 1 | BISIHS100 |
| 1 1/4 | BISIHS125 |
| 1 1/2 | BISIHS150 |
| 2 | BISIHS200 |
| 2 1/2 | BISIHS250 |
| 3 | BISIHS300 |
| 3 1/2 | BISIHS350 |
| 4 | BISIHS400 |



UL File No: E542637

Rigid 45° Steel Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSE45050 |
| 3/4 | BRSE45075 |
| 1 | BRSE45100 |
| 1 1/4 | BRSE45125 |
| 1 1/2 | BRSE45150 |
| 2 | BRSE45200 |
| 2 1/2 | BRSE45250 |
| 3 | BRSE45300 |
| 3 1/2 | BRSE45350 |
| 4 | BRSE45400 |



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Rigid Reducing Bushing

| Size (Inch) | Part Code |
|---------------|------------|
| 1/2 X 3/8 | BRRB5038 |
| 3/4 X 1/2 | BRRB3450 |
| 1 X 1/2 | BRRB10050 |
| 1 X 3/4 | BRRB10075 |
| 1 1/4 X 1/2 | BRRB12550 |
| 1 1/4 X 3/4 | BRRB12575 |
| 1 1/4 X 1 | BRRB125100 |
| 1 1/2 X 1/2 | BRRB15050 |
| 1 1/2 X 3/4 | BRRB15075 |
| 1 1/2 X 1 | BRRB150100 |
| 1 1/2 X 1 1/4 | BRRB150125 |

Rigid 90° Aluminium Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRAL90050 |
| 3/4 | BRAL90075 |
| 1 | BRAL90100 |
| 1 1/4 | BRAL90125 |
| 1 1/2 | BRAL90150 |
| 2 | BRAL90200 |
| 2 1/2 | BRAL90250 |
| 3 | BRAL90300 |
| 3 1/2 | BRAL90350 |
| 4 | BRAL90400 |
| 5 | BRAL90500 |
| 6 | BRAL90600 |



Rigid 45° Aluminium Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRAL45050 |
| 3/4 | BRAL45075 |
| 1 | BRAL45100 |
| 1 1/4 | BRAL45125 |
| 1 1/2 | BRAL45150 |
| 2 | BRAL45200 |
| 2 1/2 | BRAL45250 |
| 3 | BRAL45300 |
| 3 1/2 | BRAL45350 |
| 4 | BRAL45400 |
| 5 | BRAL45500 |
| 6 | BRAL45600 |



Three-Piece Malleable Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BIMTC050 |
| 3/4 | BIMTC075 |
| 1 | BIMTC100 |
| 1 1/4 | BIMTC125 |
| 1 1/2 | BIMTC150 |
| 2 | BIMTC200 |
| 2 1/2 | BIMTC250 |
| 3 | BIMTC300 |
| 3 1/2 | BIMTC350 |
| 4 | BIMTC400 |
| 5 | BIMTC500 |
| 6 | BIMTC600 |



Rigid Aluminium Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRALC050 |
| 3/4 | BRALC075 |
| 1 | BRALC100 |
| 1 1/4 | BRALC125 |
| 1 1/2 | BRALC150 |
| 2 | BRALC200 |
| 2 1/2 | BRALC250 |
| 3 | BRALC300 |
| 3 1/2 | BRALC350 |
| 4 | BRALC400 |
| 5 | BRALC500 |
| 6 | BRALC600 |



Rigid Steel Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSCO050 |
| 3/4 | BRSCO075 |
| 1 | BRSCO100 |
| 1 1/4 | BRSCO125 |
| 1 1/2 | BRSCO150 |
| 2 | BRSCO200 |
| 2 1/2 | BRSCO250 |
| 3 | BRSCO300 |
| 3 1/2 | BRSCO350 |
| 4 | BRSCO400 |
| 5 | BRSCO500 |
| 6 | BRSCO600 |



Rigid Steel Set-Screw Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSSSC050 |
| 3/4 | BRSSSC075 |
| 1 | BRSSSC100 |
| 1 1/4 | BRSSSC125 |
| 1 1/2 | BRSSSC150 |
| 2 | BRSSSC200 |



Rigid Steel Set-Screw Coupler

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRSSSO050 |
| 3/4 | BRSSSO075 |
| 1 | BRSSSO100 |
| 1 1/4 | BRSSSO125 |
| 1 1/2 | BRSSSO150 |
| 2 | BRSSSO200 |



Rigid To Rigid Pull Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZRR050 |
| 3/4 | BRZRR075 |
| 1 | BRZRR100 |



Rigid To Box Pull Elbow

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZRB050 |
| 3/4 | BRZRB075 |
| 1 | BRZRB100 |



Rigid Insulated Bushing

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZERB050 |
| 3/4 | BRZERB075 |
| 1 | BRZERB100 |
| 1 1/4 | BRZERB125 |
| 1 1/2 | BRZERB150 |
| 2 | BRZERB200 |
| 2 1/2 | BRZERB250 |
| 3 | BRZERB300 |
| 4 | BRZERB400 |



Rigid Zinc Locknut

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZL050 |
| 3/4 | BRZL075 |
| 1 | BRZL100 |
| 1 1/4 | BRZL125 |
| 1 1/2 | BRZL150 |
| 2 | BRZL200 |
| 2 1/2 | BRZL250 |
| 3 | BRZL300 |
| 4 | BRZL400 |



Rigid Offset Connector

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BEOC050 |
| 3/4 | BEOC075 |
| 1 | BEOC100 |
| 1 1/4 | BEOC125 |
| 1 1/2 | BEOC150 |
| 2 | BEOC200 |



Rigid Insulated Zinc Bushing With Grounding

| Size (Inch) | Part Code |
|-------------|-----------|
| 3/4 | BRZIGB075 |
| 1 | BRZIGB100 |



Rigid Insulated Malleable Bushing With Grounding

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRMIGB050 |
| 3/4 | BRMIGB075 |
| 1 | BRMIGB100 |
| 1 1/4 | BRMIGB125 |
| 1 1/2 | BRMIGB150 |
| 2 | BRMIGB200 |
| 2 1/2 | BRMIGB250 |
| 3 | BRMIGB300 |
| 3 1/2 | BRMIGB350 |
| 4 | BRMIGB400 |



Rigid Steel Nipple Close

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRN50C |
| 3/4 | BRN75C |
| 1 | BRN100C |
| 1 1/4 | BRN125C |
| 1 1/2 | BRN150C |
| 2 | BRN200C |
| 2 1/2 | BRN250C |
| 3 | BRN300C |
| 3 1/2 | BRN350C |
| 4 | BRN400C |



Watertight Conduit Hub

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRZWH050 |
| 3/4 | BRZWH075 |
| 1 | BRZWH100 |
| 1 1/4 | BRZWH125 |
| 1 1/2 | BRZWH150 |
| 2 | BRZWH200 |
| 2 1/2 | BRZWH250 |
| 3 | BRZWH300 |
| 4 | BRZWH400 |

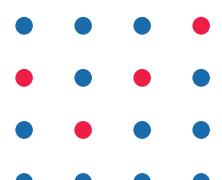


Rigid Steel Nipple

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 X 1 1/2 | BRN50150 |
| 1/2 X 2 | BRN50200 |
| 1/2 X 2 1/2 | BRN50250 |
| 1/2 X 3 | BRN50300 |
| 1/2 X 3 1/2 | BRN50350 |
| 1/2 X 4 | BRN50400 |
| 1/2 X 4 1/2 | BRN50450 |
| 1/2 X 5 | BRN50500 |
| 1/2 X 5 1/2 | BRN50550 |
| 1/2 X 6 | BRN50600 |
| 1/2 X 7 | BRN50700 |
| 1/2 X 8 | BRN50800 |

- Large sizes are available on request

CONDUIT BODIES





UL File No: E542639

Rigid Malleable Conduit Body LB

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLBM050 |
| 3/4 | BRLBM075 |
| 1 | BRLBM100 |
| 1 1/4 | BRLBM125 |
| 1 1/2 | BRLBM150 |
| 2 | BRLBM200 |
| 2 1/2 | BRLBM250 |
| 3 | BRLBM300 |
| 3 1/2 | BRLBM350 |
| 4 | BRLBM400 |



UL File No: E542639

Rigid Malleable Conduit Body Tee

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRTM050 |
| 3/4 | BRTM075 |
| 1 | BRTM100 |
| 1 1/4 | BRTM125 |
| 1 1/2 | BRTM150 |
| 2 | BRTM200 |
| 2 1/2 | BRTM250 |
| 3 | BRTM300 |
| 3 1/2 | BRTM350 |
| 4 | BRTM400 |



UL File No: E542639

Rigid Malleable Conduit Body LL

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLLM050 |
| 3/4 | BRLLM075 |
| 1 | BRLLM100 |
| 1 1/4 | BRLLM125 |
| 1 1/2 | BRLLM150 |
| 2 | BRLLM200 |
| 2 1/2 | BRLLM250 |
| 3 | BRLLM300 |
| 3 1/2 | BRLLM350 |
| 4 | BRLLM400 |



Rigid Aluminium Conduit Body LB

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLBAL050 |
| 3/4 | BRLBAL075 |
| 1 | BRLBAL100 |
| 1 1/4 | BRLBAL125 |
| 1 1/2 | BRLBAL150 |
| 2 | BRLBAL200 |
| 2 1/2 | BRLBAL250 |
| 3 | BRLBAL300 |
| 3 1/2 | BRLBAL350 |
| 4 | BRLBAL400 |



UL File No: E542639

Rigid Malleable Conduit Body LR

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLRM050 |
| 3/4 | BRLRM075 |
| 1 | BRLRM100 |
| 1 1/4 | BRLRM125 |
| 1 1/2 | BRLRM150 |
| 2 | BRLRM200 |
| 2 1/2 | BRLRM250 |
| 3 | BRLRM300 |
| 3 1/2 | BRLRM350 |
| 4 | BRLRM400 |



Rigid Aluminium Conduit Body LL

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLLAL050 |
| 3/4 | BRLLAL075 |
| 1 | BRLLAL100 |
| 1 1/4 | BRLLAL125 |
| 1 1/2 | BRLLAL150 |
| 2 | BRLLAL200 |
| 2 1/2 | BRLLAL250 |
| 3 | BRLLAL300 |
| 3 1/2 | BRLLAL350 |
| 4 | BRLLAL400 |



UL File No: E542639

Rigid Malleable Conduit Body C

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRCCM050 |
| 3/4 | BRCCM075 |
| 1 | BRCCM100 |
| 1 1/4 | BRCCM125 |
| 1 1/2 | BRCCM150 |
| 2 | BRCCM200 |
| 2 1/2 | BRCCM250 |
| 3 | BRCCM300 |
| 3 1/2 | BRCCM350 |
| 4 | BRCCM400 |



Rigid Aluminium Conduit Body LR

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLRAL050 |
| 3/4 | BRLRAL075 |
| 1 | BRLRAL100 |
| 1 1/4 | BRLRAL125 |
| 1 1/2 | BRLRAL150 |
| 2 | BRLRAL200 |
| 2 1/2 | BRLRAL250 |
| 3 | BRLRAL300 |
| 3 1/2 | BRLRAL350 |
| 4 | BRLRAL400 |



Rigid Aluminium Conduit Body C

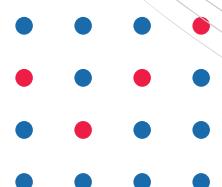
| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRLCAL050 |
| 3/4 | BRLCAL075 |
| 1 | BRLCAL100 |
| 1 1/4 | BRLCAL125 |
| 1 1/2 | BRLCAL150 |
| 2 | BRLCAL200 |
| 2 1/2 | BRLCAL250 |
| 3 | BRLCAL300 |
| 3 1/2 | BRLCAL350 |
| 4 | BRLCAL400 |



Rigid Aluminium Conduit Body Tee

| Size (Inch) | Part Code |
|-------------|-----------|
| 1/2 | BRTAL050 |
| 3/4 | BRTAL075 |
| 1 | BRTAL100 |
| 1 1/4 | BRTAL125 |
| 1 1/2 | BRTAL150 |
| 2 | BRTAL200 |
| 2 1/2 | BRTAL250 |
| 3 | BRTAL300 |
| 3 1/2 | BRTAL350 |
| 4 | BRTAL400 |

WEATHERPROOF BOXES



1 Gang Weatherproof Box

| Size (Inch) | Part Code | Knockout (KO) |
|-------------|------------|---------------|
| 1/2 | BWP1G503 | 3 |
| 3/4 | BWP1G753 | 3 |
| 1/2 | BWP1G504 | 4 |
| 3/4 | BWP1G754 | 4 |
| 1/2 | BWP1G505 | 5 |
| 3/4 | BWP1G755 | 5 |
| 1/2 | BWP1G505X | 5X |
| 3/4 | BWP1G755X | 5X |
| 1 | BWP1G1003 | 3 |
| 1/2 | BWPDB1G503 | 3 DEEP |
| 3/4 | BWPDB1G753 | 3 DEEP |

2 Gang Weatherproof Box

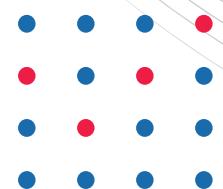
| Size (Inch) | Part Code | Knockout (KO) |
|-------------|-----------|---------------|
| 1/2 | BWP2G503 | 3 |
| 3/4 | BWP2G753 | 3 |
| 1/2 | BWP2G504 | 4 |
| 3/4 | BWP2G754 | 4 |
| 1/2 | BWP2G505 | 5 |
| 3/4 | BWP2G755 | 5 |
| 1/2 | BWP2G506 | 6 |
| 3/4 | BWP2G756 | 6 |
| 1/2 | BWP2G507 | 7 |
| 3/4 | BWP2G757 | 7 |
| 1/2 | BWP2G505X | 5X |
| 3/4 | BWP2G755X | 5X |
| 1/2 | BWP2G506X | 6X |
| 3/4 | BWP2G756X | 6X |
| 1/2 | BWP2G507X | 7X |
| 3/4 | BWP2G757X | 7X |

Note: X is the arrangement of the knockout on each side of the Weatherproof Box.

2 Gang Weatherproof Round Box

| Size (Inch) | Part Code | Knockout (KO) |
|-------------|-----------|---------------|
| 1/2 | BRWPDG505 | 5 |
| 3/4 | BRWPDG755 | 5 |

UTILITY BOXES



STEEL UTILITY/OUTLET BOX - RECTANGULAR

| | |
|-------------------------|--|
| Part code | BTRE |
| Material | Pre-coated galvanised steel |
| Finish | Galvanised |
| Product features | <ul style="list-style-type: none"> Two lugs to facilitate easy fitment of accessories Five fixing holes Utility box covers available as an option |



UL File No: E542639

| Size (Inch) | Part Code | Knockout (KO) |
|---------------|-----------|------------------------|
| 4 X 2 X 1 1/8 | BTRE10 | 1/2" KO |
| 4 X 2 X 1 1/8 | BTRE10M | 1/2" MOON KNOCKOUT |
| 4 X 2 X 1 1/8 | BTRE20GS | 3/4" KO + GROUND SCREW |
| 4 X 2 X 1 1/8 | BTRE20 | 3/4" KO |
| 4 X 2 X 1 1/8 | BTRE10FB | 1/2" KO + BRACKET |

4" x 2" RECTANGULAR FLAT BLANK STEEL BOX COVER

| | | |
|-------------------------|---|---|
| Part code | BTRE20C |  |
| Material | 4" X 2" Steel box cover | |
| Finish | Steel | |
| Product features | <ul style="list-style-type: none"> Each cover includes 2 screw holes for intact fitting, ensuring secure and stable installation Used in electrical installations to close and protect electrical boxes Used to create weatherproof enclosures | |

STEEL UTILITY/OUTLET BOX - SQUARE

| | |
|-------------------------|--|
| Part code | BTSQ |
| Material | Pre-coated galvanised steel |
| Finish | Galvanised |
| Product features | <ul style="list-style-type: none"> Two lugs to facilitate easy fitment of accessories Five fixing holes Utility box covers available as an option |



UL File No: E542639



| Size (Inch) | Part Code | Knockout (KO) |
|---------------|-----------|---------------------------|
| 4 X 4 X 1½ | BTSQ06GS | ½" ¾" KO + GROUND SCREW |
| 4 X 4 X 1½ | BTSQ06 | ¾" KO |
| 4 X 4 X 1½ | BTSQ05 | ½" KO |
| 4 X 4 X 2 ½ | BTSQ10 | ½" MOON KNOCKOUT |
| 4 X 4 X 2 ¼ | BTSQ20GS | 1" KO + GROUND SCREW |
| 4 X 4 X 2 ¼ | BTSQ11GS | ¾" KO + GROUND SCREW |
| 4 X 4 X 1½ | BTSQ05FB | ½" KO + BRACKET |
| 4 X 4 X 2 ¼ | BTSQ10FB | ½" KO + BRACKET |
| 4 11/16 X 2 ½ | BTSQ22 | ½" ¾" CONCENTRIC KNOCKOUT |
| 4 X 4 X 2 ½ | BTSQ16CK | ½" ¾" CONCENTRIC KNOCKOUT |
| 4 X 4 X 2 ½ | BTSQ16 | ½" KO |
| 4 X 4 X 2 ¼ | BTSQ16EK | ½" ¾" ECCENTRIC KNOCKOUT |
| 4 X 4 X 2 ¼ | BTSQ16MK | ½" ¾" MOON KNOCKOUT |

4" x 4" SQUARE FLAT BLANK STEEL BOX COVER

| | | |
|-------------------------|--|---|
| Part code | BTSQ10C |  |
| Description | 4" X 4" Steel box cover | |
| Material | Steel | |
| Finish | Galvanised | |
| Product features | <ul style="list-style-type: none"> Each cover includes 2 screw holes for intact fitting ensuring secure and stable installation Used in electrical installations to close and protect electrical boxes Used to create weatherproof enclosures | |

STEEL UTILITY/OUTLET BOX - OCTAGONAL

| | |
|-------------------------|---|
| Part code | BTOB |
| Material | Pre-coated galvanised steel |
| Finish | Galvanised |
| Product features | <ul style="list-style-type: none"> • No hazardous sharp edges or burrs • General purpose application • $\frac{1}{2}$" and $\frac{3}{4}$" knockouts |



UL File No: E542639

| Size (Inch) | Part Code | Knockout (KO) |
|-------------------------|-----------|---|
| 4 X 4 X 1 $\frac{1}{2}$ | BTOB05 | $\frac{1}{2}$ " KO |
| 4 X 4 X 1 $\frac{1}{2}$ | BTOB10 | $\frac{3}{4}$ " KO |
| 4 X 4 X 1 $\frac{1}{2}$ | BTOB05VB | $\frac{1}{2}$ " KO + BRACKET |
| 4 X 4 X 1 $\frac{1}{2}$ | BTOB10GS | $\frac{1}{2}$ " $\frac{3}{4}$ " KO + GROUND SCREW |
| 4 X 4 X 2 $\frac{1}{8}$ | BTOB11 | $\frac{3}{4}$ " KO |

4" X 4" OCTAGONAL STEEL BOX COVER

| | | |
|-------------------------|---|---|
| Part code | BTOB10C |  |
| Description | 4" X 4" Octagonal steel box cover | |
| Material | Steel | |
| Finish | Galvanised | |
| Product features | <ul style="list-style-type: none"> • No hazardous sharp edges or burrs • General purpose application • $\frac{1}{2}$" and $\frac{3}{4}$" knockouts | |

Extension Ring



UL File No: E542639

| Size (Inch) | Part Code |
|-------------|-----------|
| 4 X 4 X 1½ | BTEXT068 |

Multiple Gang Box

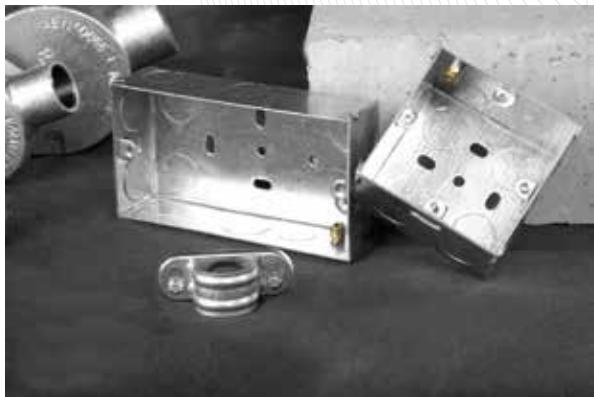


UL File No: E542639

| Size (Inch) | Part Code | Knockout (KO) |
|-----------------------|-----------|-----------------|
| 2 X 3 X 2½ 1-GANG BOX | BTGB1G20 | ½" KO |
| 2 X 3 X 2½ 1-GANG BOX | BTGB1G20B | ½" KO + BRACKET |



- RIGID CONDUIT, FITTINGS & ACCESSORIES - BS STANDARD
- FLEXIBLE CONDUIT & ACCESSORIES - BS STANDARD
- ADAPTABLE BOXES/SWITCH & SOCKET BOXES/UTILITY BOXES
- STAINLESS STEEL CONDUIT SYSTEM
- BENDING MACHINE
- MALLEABLE PIPE FITTINGS



Barton Engineering FZE produces and supplies the premium quality Barton hot dipped galvanised steel conduit, all main associated electrical cable management systems and a wide range of accessories and fittings. Barton provides high-performance competitive products and worldwide solutions. The range includes:

- US specification EMT/IMC/RMC conduit and accessories
 - ANSI C80.3
 - UL 797
 - UL 514B
 - UL 2239
 - UL 6
 - UL 1242
 - UL 514
- US specification malleable pipe fittings
 - UL 213
 - EN 10242 OR ISO 49
- BS 61386/4568/50086/31 conduit and accessories
 - Pre galvanised
 - Hot dipped galvanised
 - Stainless steel
- BS 4662 switch and socket boxes
- BS EN 61386 flexible steel conduit (bare flex, PVC covered, low smoke zero halogen and liquid tight).

Barton products are installed in the most demanding applications and environments where public safety is paramount.

Example includes:

- Tall & super tall towers
- Mass transportation
- Places of education
- Healthcare
- Leisure
- Sporting facilities
- Places of worship

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BARTON PRODUCT RANGES

(Scan QR code for catalogue)



Malleable Pipe Fittings



IMC / RMC Conduit



Flexible Conduit



GI Conduit