

## MDS38 & MDS12

SPRING NUTS & HARDWARE

DROP-IN INSERT



| Part No. | Size      | Drill Bit Diameter | Allowable Tension Load<br>3000 psi Concrete | Pull-Out<br>3000 psi Concrete |
|----------|-----------|--------------------|---|-------------------------------|
| MDS38    | 3/8" - 16 | 1/2"               | 795 Lbs                                     | 4,400 Lbs                     |
| MDS12    | 1/2" - 13 | 5/8"               | 1,178 Lbs                                   | 7,040 Lbs                     |

\*zinc plated steel

Materials & Finishes: EG, SS

| Material Specifications |                 |                         |   |
|-------------------------|-----------------|-------------------------|---|
| Material                | Material Code   | ASTM Designation        | ASTM Description  |
| Steel:                  | Use Finish Code | ASTM A1011<br>SS GR 33. | UBS channels are accurately and carefully cold formed to size from low-carbon strip steel.<br>12 Ga., 14 Ga. & 16 Ga. |
| [Stainless Steel:       | SS304           | A 240 TYPE 304          | Heat resisting chromium and chromium-nickel stainless steel plate, sheet, strip for pressure vessel.                  |
|                         | SS316           | A 240 TYPE 316          |   |

| Finish Specifications |             |   |
|-----------------------|-------------|---|
| Finish                | Finish Code | Description   |
| Zinc Electroplated    | EG          | Zinc electroplating is used to coat plain steel. The electroplating process requires that the component be immersed in a solution containing zinc ions that are deposited on the surface of the part. Electroplated zinc is shiny and smooth, and is suitable for indoor environments with low relative humidity. |

| PROJECT INFORMATION:         | APPROVAL STAMP: |
|------------------------------|-----------------|
| <b>Project:</b>              |                 |
| <b>Date:</b>                 |                 |
| <b>Phone:</b>                |                 |
| <b>Architect / Engineer:</b> |                 |
| <b>Contractor:</b>           |                 |
| <b>Address:</b>              |                 |
| <b>Notes 1:</b>              |                 |