

**#100 Dovetail Anchor Slot**  
**Section 03 30 00 CAST IN PLACE CONCRETE**

**PART 1 GENERAL**

1.1 RELATED SECTIONS

- A. Section 04 05 19.16 Masonry Anchors
- B. Section 04 05 19.29 Stone Anchors
- C. Section 04 05 23 Masonry Accessories

1.2 REFERENCES

A. Provide anchoring systems that comply with TMS 402/602-22 Building Code Requirements for Masonry Structures 2022.

- A. ASTM A153/A153M-16a Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
- B. Stainless Steel AISI [Type 304] or [Type 316].
  - 1) ASTM A240/A240M-24b Standard Specification for Chromium and Chromium Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications.
  - 2) ASTM A666/666M-24 Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
- C. ASTM A153/A153M-16a Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware.

1.3 SUBMITTALS

- A. Manufacturer Certificate of Compliance for materials.
- B. Product Data: Manufacturer's data on each type of product furnished.

**PART 2 PRODUCTS**

2.1 MANUFACTURER

Heckmann Building Products  
110 Richards Ave.  
Norwalk, CT 06854-1685  
800-621-4140  
Email: [info@heckmannanchors.com](mailto:info@heckmannanchors.com)  
Website: [www.heckmannanchors.com](http://www.heckmannanchors.com)

## 2.2 APPLICATIONS

A. Dovetail Slots cast in forms.

## 2.3 MATERIALS

### **NO. 100 STANDARD DOVETAIL ANCHOR SLOT**

1. Size: 1 inch (25 mm) wide by 1 inch (25 mm) deep by 5/8 inch (16 mm) throat.
2. Metal Thickness: 22 gage (0.76 mm) Type 304 Stainless. 16 gage (1.52 mm) Hot-Dip and Stainless.
3. **Select: [[16ga] Hot-Dip Galvanized] or [ [16ga][22ga] Stainless Steel]**

## **PART 3 EXECUTION**

### 3.1 INSTALLATION

A: Dovetail Anchor Slot: Nail filler side down to concrete forms. Nails should be placed every 12 inches (305 mm). Space Slots **[vertically][horizontally]** every **[specify distance between slots]**.

B: Anchors: Insert anchor at desired height into Dovetail Anchor Slot. Turn 90 degrees to lock into the slot. Place mortar above and below anchor in the mortar joint. **[Specify spacing and type of anchors]**.

END OF SECTION