

Heckmann Building Products Inc.

DOVETAIL SLOT SPECIFICATION

SECTION 04085

MASONRY ANCHORS AND ACCESSORIES

PART 1 GENERAL

1.1 SECTION INCLUDES

NOTE: Delete items below not required for project.

- A. Masonry veneer anchors and ties.
- B. Stone veneer anchors and ties.
- C. Masonry accessories.

1.2 RELATED SECTIONS

- A. Section 04810 - Unit Masonry Assemblies.
- B. Section 04851 - Cut Stone Veneer.
- C. Section 04852 - Stone Masonry Veneer.

1.3 REFERENCES

NOTE: Delete references from the list below that are not actually required by the text of the edited section.

- A. ASCE/ACI 530-05 - Specifications for Masonry Structures; 2005.
- B. ASTM A 153/A 153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 1998.
- C. ASTM A 167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip; 1996.
- D. ASTM A 240/A 240M - Standard Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels; 1998b.
- E. ASTM A 276 - Standard Specification for Stainless Steel Bars and Shapes; 1998b.
- F. ASTM A 479/A 479M - Standard Specification for Stainless and Heat-Resisting Steel Bars and Shapes

for Use in Boilers and Other Pressure Vessels;
1997a.

G. ASTM A 580/A 580M - Standard Specification for
Stainless Steel Wire; 1998.

H. ASTM A 653/A 653M - Standard Specification for
Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron
Alloy-Coated (Galvannealed) by the Hot-Dip Process;
1998.

I. ASTM B 633 : Standard Specification for
Electrodeposited Coatings of Zinc on Iron and
Steel; (Reapproved 1994).

1.4 SUBMITTALS

A. Submit under provisions of Section 01300.

B. Product Data: Manufacturer's data on each type of
product furnished.

PART 2 PRODUCTS

2.1 MANUFACTURERS

Acceptable Manufacturer: Heckmann Building Products Inc., 1501 N. 31st
Avenue, Melrose Park, IL 60160

800-621-4140 or 708-865-2403 FAX: 708-865-2640

Email: Heckmann@worldnet.att.net.

Website: www.heckmannbuildingprods.com.

NOTE: Delete paragraph below; coordinate with Division 1
requirements.

B. Requests for substitutions will be considered in
accordance with provisions of Section 01600.

C. Substitutions: Not permitted.

2.2 APPLICATIONS

A. Provide anchoring systems that comply with ACI
530.1/ASCE 6/TMS 602.

B:Dovetail Slots cast in forms.

1. Anchors to Concrete:

Note: Select one of the following 3 combinations of
materials: all stainless steel, all hot-dip galvanized,
or hot-dip galvanized except for items completely

embedded in mortar. Delete the inappropriate choices.

C. Material for Anchors and Ties in Exterior Walls:
Stainless steel.

D. Material for Anchors and Ties in Exterior Walls:
Hot-dip Galvanized After Fabrication.

E. Material for Anchors and Ties Exposed to Air in
Exterior Walls: Hot-dip galvanized After
Fabrication.

1. Exception: Dovetail Slots: Stainless
steel.
2. Exception: Dovetail Slots: Mill
galvanized steel.

F. Material for Ties Completely Embedded in Mortar
Joints: Mill galvanized.

2.3 MATERIALS

A. Stainless Steel: Type 304.

Sheet Metal: ASTM A 167 or ASTM A 240/A
240M.

B. Hot-Dip Galvanized Steel: Hot-dip galvanized
after fabrication in accordance with ASTM A 153/A
153M, Class B-2.

C. Mill Galvanized Steel:

1. Sheet Metal: ASTM A 653/A 653M, G60
coating.
2. Wire: ASTM A 641, regular coating;
minimum 3/16 inch (4.76 mm) diameter.

D. Dovetail Slots: Heckmann No. **100-B SMALL DOVETAIL ANCHOR
SLOT.**

1. Size: 7/8 inch (22 mm) wide x 1/2" (13 mm) deep by 5/8 inch
(16 mm) throat.
2. Metal Thickness: 20 gage (0.9 mm)

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 of anchors].

END OF SECTION