

## Fig. 150 - Wing-It<sup>®</sup> Concrete Deck Insert



**Size Range** — 3/8" through 7/8".

**Material** — Carbon Steel with plastic vinyl thread protector.

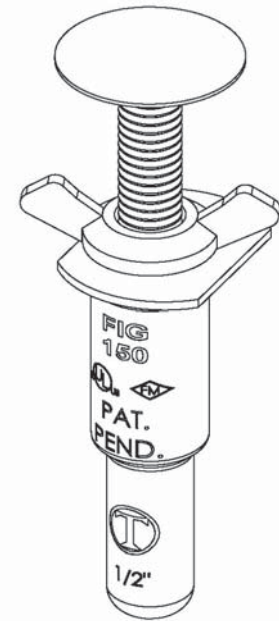
**Function** — For use in metal deck formed concrete, to attach hanger rods or seismic bracing attachments; Allows for pre-positioning of anchor in poured concrete decks.

**Features** — Fast attach to various size and shaped holes, all steel solid secure attachment, narrow diameter allows closer placement, can be converted to steel stud for flush mount applications such as seismic bracing attachments.

**Approvals** — Included in our (OSHPD) Pre-Approved Seismic Bracing Guidelines for 2008, U.L. Listed; 3/8" up to 4" pipe size, 1/2" up to 8" pipe size. Factory Mutual Approved; 3/8" up to 4" pipe size, 1/2" up to 8" pipe size.

**Finish** — Electro-Galvanized.

**Order By** — Figure number and size.



### Dimensions • Loads

Anchor Size	Anchor Location On Flute	Embed. Depth	Min. Insert Spacing	Min. Edge Distance	Tension Load T allow*	Shear Load V allow*
3/8"	Upper	2"	4 1/2"	12"	935	940
3/8"	Lower	2"	4 1/2"	12"	705	940
1/2"	Upper	2"	6"	12"	980	1330
1/2"	Lower	2"	6"	12"	705	1330
5/8"	Upper	2"	7 1/2"	12"	1030	1330
5/8"	Lower	2"	7 1/2"	12"	705	1330
3/4"	Upper	2"	9"	12"	1080	1330
3/4"	Lower	2"	9"	12"	705	1330
7/8"	Upper	2"	10 1/2"	12"	1135	1330
7/8"	Lower	2"	10 1/2"	12"	705	1330

$$* \frac{T_{actual}}{T_{allow}} + \frac{V_{actual}}{V_{allow}} \leq 1.2$$

