

Productive Workplace IBC 2006 Code Compliant Anchors

Simpson Strong-Tie Anchor Systems® Titen HD® Heavy-Duty Screw Anchor

Issue: Recent changes to the building code require that post-installed anchors are designed and tested to meet the requirements of the 2006 IBC for installation into cracked and uncracked concrete.

Application: All structural anchoring applications requiring a post-installed expansion anchor such as: warehouse racking, shelving, conveyors, mezzanines, and equipment.

Recommendation: Simpson Strong-Tie Anchor Systems® offers code compliant heavy-duty screw anchors that are designed and tested in accordance with ICC-ES acceptance criteria to meet the requirements of the 2006 IBC in both cracked and uncracked concrete.



Product Features & Benefits:



For more information about Simpson Strong-Tie Anchor Systems® products, contact your Grainger Representative, local branch or go online to grainger.com to place your order and see the complete line of anchors designed and tested to meet the requirements of the 2006 IBC.

Higher load capacity than standard wedge anchors

- Threads along the length of the anchor undercut the concrete and efficiently transfer the load to the base material
- No expansion forces like a wedge anchor means less spacing and closer edge distance installations

Easy installation

- No special drill bit needed. Designed to use standard (non-metric) ANSI Standard fractional bits
- No hammers required, simply drive the anchor with an impact wrench or a standard wrench
- Removable for temporary anchoring

Vibration resistant

- The mechanical interlock of the threads help prevent the anchor from loosening in vibratory conditions
- Tested to 12.6 million vibratory cycles with no performance reductions

Specialized heat-treating process

- Creates superior surface hardness at the tip to facilitate cutting threads into the concrete
- Maintains ductility to aid in impact resistance



**Titen HD®
heavy-duty
screw anchor**
ICC-ES ESR-2713

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Titen HD® heavy-duty screw anchor



Serrated teeth on the tip of the Titen HD® heavy-duty screw anchor facilitate cutting and reduce installation torque

Product Data

Grainger Stock No.	Simpson Strong-Tie Stock No.	Size	Package Quantity
2MCP2	THD37300H	3/8" x 3"	50
2MCP3	THD37400H	3/8" x 4"	50
2MCP4	THD37500H	3/8" x 5"	50
2MCP5	THD50300H	1/2" x 3"	25
2MCP6	THD50400H	1/2" x 4"	20
2MCP7	THD50500H	1/2" x 5"	20
2MCP8	THD50600H	1/2" x 6"	20
2MCP9	THD62400H	5/8" x 4"	10
2MCR1	THD62500H	5/8" x 5"	10
2MCR2	THD62600H	5/8" x 6"	10
2MCR3	THD62800H	5/8" x 8"	10
2MCR4	THD75400H	3/4" x 4"	10
2MCR5	THD75500H	3/4" x 5"	5
2MCR6	THD75700H	3/4" x 7"	5

SIMPSON

Strong-Tie
 ANCHOR SYSTEMS

For more information contact your Grainger Representative.