

# ROD HANGER ANCHOR

## (RHA) MECHANICAL ANCHORS

MiTek<sup>®</sup> PRO SERIES<sup>™</sup>



- Rod Hanger Anchor for temporary or permanent attachment to uncracked concrete
- No special drill bit required; install using standard-sized ANSI tolerance drill bits
- Fully removable for temporary anchoring or applications where fixtures may need to be moved
- Suitable for closer edge distance or tight spacing applications when compared to expansion anchor types
- Internally threaded to allow installation of threaded rod
- Installs with standard size sockets

# ROD HANGER ANCHOR (RHA) MECHANICAL ANCHORS

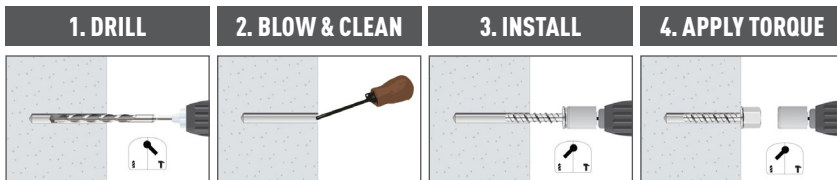
MiTek<sup>®</sup> PRO SERIES™



## APPLICATIONS

- Fixing suspended ceilings, electrical conduit pipe or ventilation duct work
- Threaded rod attachment may be removed
- Fixing threaded rods

## INSTALLATION



Drill a hole into the base material of the correct diameter and depth using a drill bit that meets the requirements of ANSI B212.15-1994.

Remove dust and debris from hole using a blow bulb, compressed air or vacuum to remove the loose particles left from drilling.

Attach an appropriate sized hex socket to the drill or wrench. Set drill to drill setting. Mount the screw anchor head in the socket.

Drive the anchor with an impact driver or a torque wrench into the hole until the anchor head washer comes in contact with the base material. The anchor must be snug after installation.



See detailed installation and design instructions at [MiTek-US.com](http://MiTek-US.com) to ensure proper installation and to reduce risk failure which could result in injury and/or property damage. MiTek will not be liable for any anchor failure due to defective substrate material or improper installation

## LOAD TABLE

Size (in)	MiTek Stock No.	Ref. No.	Drill Bit Dia. (in)	Threaded Rod Size (in)	Wrench Size (in)	Minimum Anchor Embedment (in)	Minimum Edge Distance (in)	Maximum Installation Torque (ft-lbs)	Uncracked Concrete	Ordering MiTek Stock No.	Pieces per Selling Unit	Selling Unit per Master Carton
									Allowable Tension (lbs)			
1/4 x 1-5/8	RHA014158	THD25112RHP1	1/4	1/4	3/8	1-5/8	1-1/2	20	618	RHA014158-R100F	1	100
3/8 x 1-5/8	RHA038158	THD37212HP1	1/4	3/8	1/2	1-5/8	1-1/2	20	618	RHA038158-R50F	1	50
1/2 x 2-3/4	RHA012234	THD50234HP1	5/16	1/2	11/16	2-3/4	1-7/8	25	1310	RHA012234-R30F	1	30

- 1) Example Allowable Stress Design (ASD) values include an approximate safety factor of 4.
- 2) Values based on single anchor installations and do not consider critical edge distance or spacing. For full design information refer to [MiTek-US.com](http://MiTek-US.com).
- 3) Edge distance based on ACI318-14 section 17.7, designer shall verify distance is twice the maximum aggregate size and comply with section 20.6.1.
- 4) Values in table assume concrete strength  $f'c = 4,000$  psi.