

METHOD STATEMENT

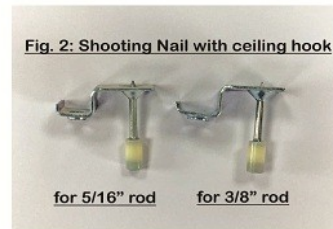
Subject :	Installation of Haihang Fastener Shooting Nail		
Rev :	01	Date :	5 January 2018
			Page 1 of 3

I Haihang Fastening Solution

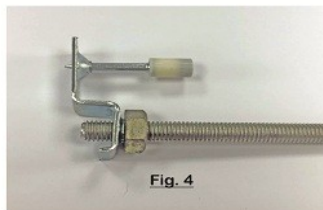
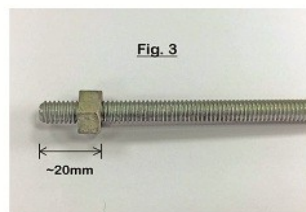
1. Haihang Fastener Shooting Tool use instantaneous combustion of solid propellant nitrocellulose as a driving force, to hammer the shooting Nail into concrete.
2. It is suitable for hanging pipes, cable trays, ducting and etc. (for all kind of services) from the concrete ceiling. It is also suitable for side-mount any kind of brackets on the wall.
3. Unlike conventional method , no drilling and no electricity is required.

II Installation of Fastener Shooting Nail

1. Select the Shooting Nail with ceiling hook according to the size of rod used, either 5/16" or 3/8" (Fig. 1 & Fig 2).



2. Cut the rod to the required length, and screw a nut up to approximately 20mm from the edge of rod (Fig. 3).



3. Screw the rod onto the hook of the Shooting Nail (Fig. 4).

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METHOD STATEMENT

Subject :	Installation of Haihang Fastener Shooting Nail		
Rev :	01	Date :	5 January 2018
			Page 2 of 3

- Screw another nut onto the rod in order to hold the rod tight (Fig. 5) .



- Insert the Shooting Nail into Shooting Tool (Fig 6 & Fig 6A) with the rod attached.
- Hold the Shooting Tool vertical and point to the right location at the concrete ceiling or soffit of slab. The Shooting Tool can be extended up to 2970mm long if necessary (Fig. 7).

Fig. 7: Shooting Tool (extended)



- By holding the Shooting Tool straight and firm, push hard upward. The ceiling hook and rod will be fastened to the concrete ceiling / soffit of slab (Fig. 8 & Fig. 8A) .



- The Shooting Nail is suitable using on concrete grade between C30 to C40.
- One single Shooting Nail with ceiling hook can withstand weight up to 70kg.

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Subject :	Installation of Haihang Fastener Shooting Nail		
Rev :	01	Date :	5 January 2018
			Page 3 of 3

III Advantage of Haihang Fastening Solution over conventional method

1. No drilling needed - It is very much faster and clean. No dust at all.
2. No continues annoying noise - It can be use anywhere, anytime without disturbing the public.
3. No electricity needed - It is very safe and can be use anywhere without having trouble pulling extension power cable.
4. No climbing needed (for ceiling height up to 4.5 meters) - Saving trouble of carrying ladder or setting up scaffolding.
5. No special skill needed - Shooting Tool is lightweight very easy to operate even by a non-skilled worker.
6. Very efficient, safe time and labour cost.

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