



# HNH25TFA - Specifications

## 25 Ton Flat Mount Pintle

### Hitch Capacity

10,000 lbs. Max. Vertical Load

50,000 lbs. Max. Gross Trailer Weight

### **IMPORTANT SAFETY INFORMATION**

Maintain adequate vertical down (tongue) load to have control of the trailer (generally 10%), but do not exceed the above rated capacities

Other steps and inspections are also required. Consult OSHA and D.O.T. regulations and American Trucking Association for complete coupling and uncoupling procedures.

### **GENERAL INFORMATION**

1. Do not modify or add to the product.
2. Wear safety glasses during installation, removal and servicing.
3. Never strike any part of the item with a steel hammer.
4. Do not weld on this product.
5. It is the user's responsibility to ensure that the receiver mount is capable of 10,000 lb. Vertical load and 50,000 lb. gross trailer weight.

### **TOWING APPLICATIONS**

Trailers and equipment designed for on-road towing within the stated capacities. For off-road applications, reduce the capacities listed above by 25%, and use in conjunction with a swivel-type drawbar. This pintle hook/ball hitch is well suited for use in the utility and construction industries.

### **DRAWBAR EYE DIMENSIONS**

2" to 3" I.D. with 1-1/4" to 1-5/8" diameter cross section.

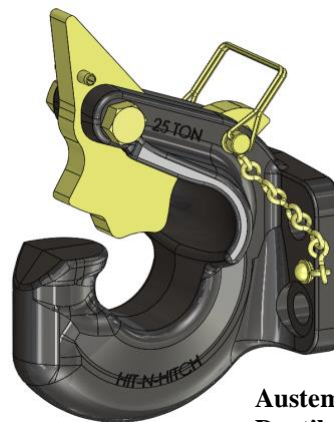
### **MOUNTING**

1. Use a secure mounting structure of sufficient strength to support the rated capacity of the pintle hook in accordance with SAE J 849B.
2. Use the hole pattern described on the reverse.
3. Use (4) 5/8" (.625") grade 8 fasteners (per SAE J429), torque plated bolt to 140 ft-lbs., torque plain bolt to 190 ft-lbs.

### **OPERATING INSTRUCTION – PINTLE HOOK**

#### Hitching Up

1. Before operating, inspect for proper operation, worn, damaged or missing parts, and secure mounting. Correct as required before use.
2. Unlock by removing safety pin.
3. Back vehicle until pintle captures ring hitch, then lower into place.
4. To lock insert safety pin.



**Austempered  
Ductile Iron – Black Paint**

#### Un-Hitching

1. Unlock by removing safety pin.
2. Flip locking plate until it is pointing downward.
3. Jack up trailer hitch until it clears the horn, Drive away and the locking plate will reset for the next hook-up.

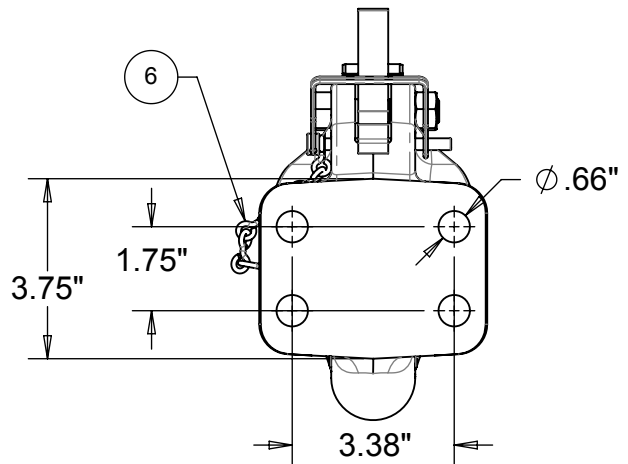
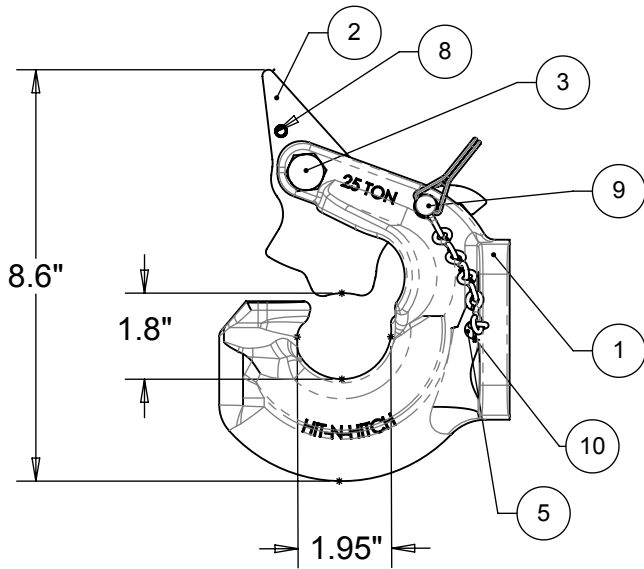
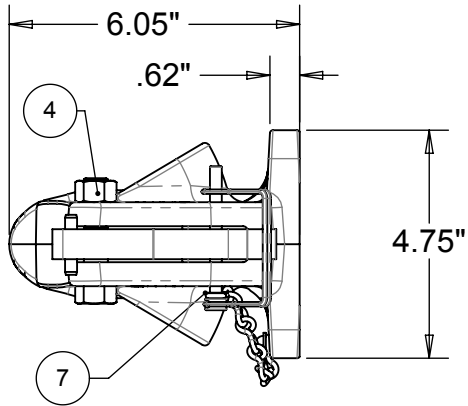
### **MAINTENANCE – PINTLE HOOK**

For proper performance, the following should be performed every 10,000 miles or 6 months, whichever comes first.

1. Inspect for proper operation.
2. Inspect, in particular, the coupling area. Replace when wear exceeds 1/8" (.125") from original surface profile.
3. Inspect for worn, damaged and missing parts. Replace as required.
4. Always use safety clip.

#### Warranty


This product is to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed. Any product which has been altered, Modified, misuse, or lack of maintenance will not be considered under warranty. Authorization from Power Pin Inc. must be obtained before returning any part. The sole responsibility of Power Pin Inc. under this warranty is limited to repairing or replacing any parts which are returned, prepaid, and are found to be defective by Power Pin Inc. No charges for transportation or labor performed on this product will be allowed under this warranty.



All dimensions shown are nominal

- AUSTEMPERED DUCTILE IRON
- PAINTED BLACK

10	HM59	3/16" ID SAE STD WASHER	STEEL	1
9	HM58	1/4" DIA x 2 1/4" LG SAFETY CLIP	STEEL	1
8	HM57	1/4" DIA x 1 1/4" SPRING PIN	STEEL	1
7	HM56	1/4" PUSH NUT		1
6	HM55	SAFETY CHAIN - SINGLE JACK		1
5	HM54	3/16" DIA. ALUMINUM RIVET		1
4	HM53	1/2"-13 UNC STEEL LOCKNUT	STEEL	1
3	HM52	1/2"-13 x 2 1/4" CAP SCREW	STEEL	1
2	HM38TSL	LOCKING PLATE	STEEL	1
1	HNH25TF	BASE HITCH	ADI	1
ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	QTY REQD

NAME	DATE	 <b>POWER PIN INC.</b> DESCRIPTION: HIT-N-HITCH 25 TON ASSEMBLY
DRAWN	LW	
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		REV <b>0</b>