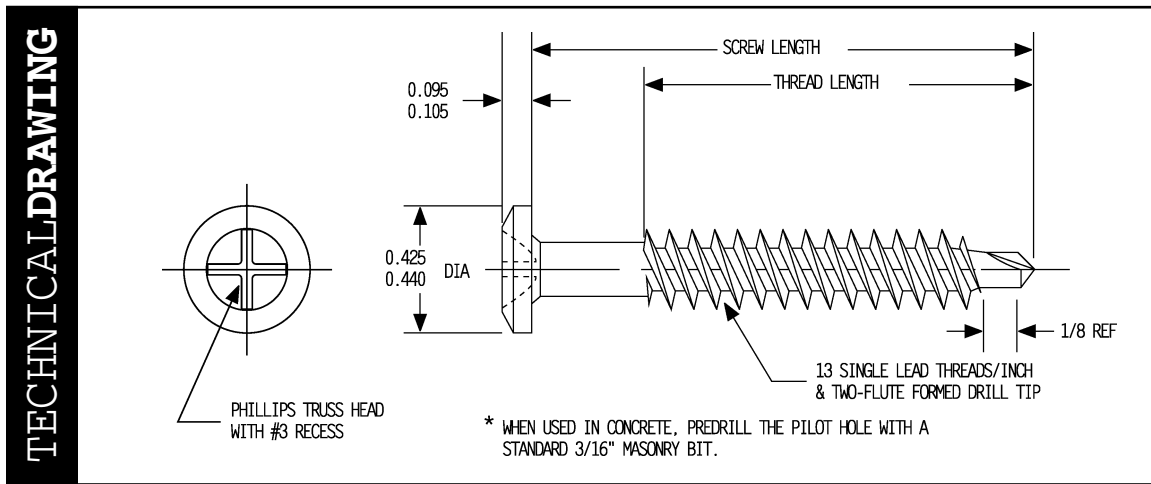


# TECHNICAL

# DATA

## HD Heavy Duty Fastener

- **Corrosion Protection:** TRU-Kote™ PC-3 coating exceeds FM4470 corrosion standards and withstands 30 cycles of the Kesternich DIN 50018 SFW 2.0 test.
- **Uses:** Steel, wood and concrete



Part No.	Screw Length*	Thread Length*	Pieces/Box	Weight/Box
HD-1500	1 1/2	FULL	1000	14#
HD-2000	2	FULL	1000	18#
HD-3000	3	FULL	1000	26#
HD-4000	4	3 7/8	1000	31#
HD-5000	5	3 7/8	1000	42#
HD-6000	6	3 7/8	1000	47#
HD-7000	7	3 7/8	500	27#
HD-8000	8	3 7/8	500	30#
HD-9000	9	3 7/8	500	34#
HD-10000	10	3 7/8	500	38#
HD-11000	11	3 7/8	500	43#
HD-12000	12	3 7/8	500	45#

\* Screw length = ± 1/16"  
Thread length = ± 1/16"

Pull-out Values in Steel	Reverse Back-out Torque
18 Ga. - 830 lbs.	25 inch/lb.
20 Ga. - 656 lbs.	25.5 inch/lb.
22 Ga. - 472 lbs.	20 inch/lb.
24 Ga. - 347 lbs.	17 inch/lb.

Pull-out Values in Concrete	Shear Strength
3000PSI Concrete 1" Embedment - 740 lbs.	3000PSI Concrete 1" Embedment - 586 lbs.

**Note:** All tests were conducted by an independent testing laboratory. Results of these tests are offered only as a guide and are not guaranteed in any way by TRUFAST, LLC. Designated holding values depend on the quality of materials being anchored to. TRUFAST, LLC recommends that pull-out tests be conducted to verify that the substrate provides adequate pull-out values. When used in concrete, a safety factor of 4:1 or 25% of ultimate pull-out value is generally accepted as a safe workload. Performance of HD (Heavy Duty) Drill Point Fasteners will vary in different concrete aggregates.

Pull-out Values in Wood
1/2" Plywood-442 lbs.
3/4" Plywood-495 lbs.
Wood Plank
1" Embedment-517 lbs.



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Subject to the condition of Approval as a roofing component when installed as shown in the current edition of the Factory Mutual Research Approval Guide

