

FMF SERIES

FIXED MOTOR FIXTURES

FEATURES

- For use with Magtrol HD-100, HD-106, HD-400, HD-500, HD-700 and HD-800 Series Dynamometers with long T-slotted base plates
- Accommodate face mount motors of various sizes (depending on model)
- Provides rigid mounting for face mount motors under test
- Base plate contains a rectangular key for proper alignment
- Secure anchoring system
- Direct mounting to Magtrol TAB Series Dynamometer Table or dynamometer base plate (depending on model)
- Adaptor rings allow different styles of motors to be tested on the same fixture (adaptors manufactured per customer requirements)



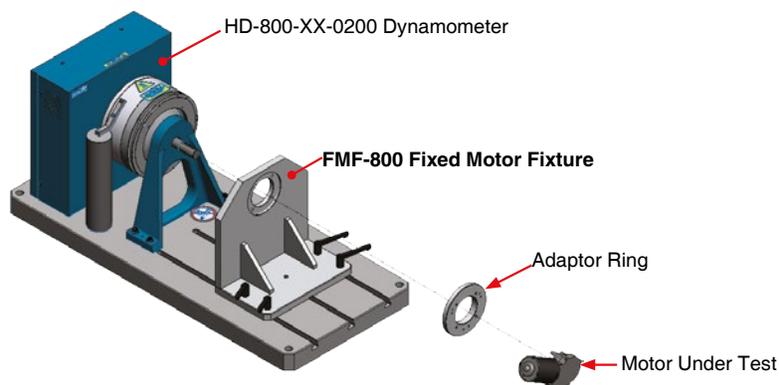
Fig.1 : FMF-800 Fixed Motor Fixture

DESCRIPTION

Originally designed to test window lift gear motors, Magtrol's FMF Series Fixed Motor Fixtures are used to secure motors in place while running any test. These versatile fixtures align the motor under test with Magtrol's HD-100, HD-106, HD-400, HD-500, HD-700 and HD-800 Series Dynamometers for easy setup and coupling—couplings can be provided upon request. Various adaptor rings can be customized to allow several different motors to be tested on the same fixture.

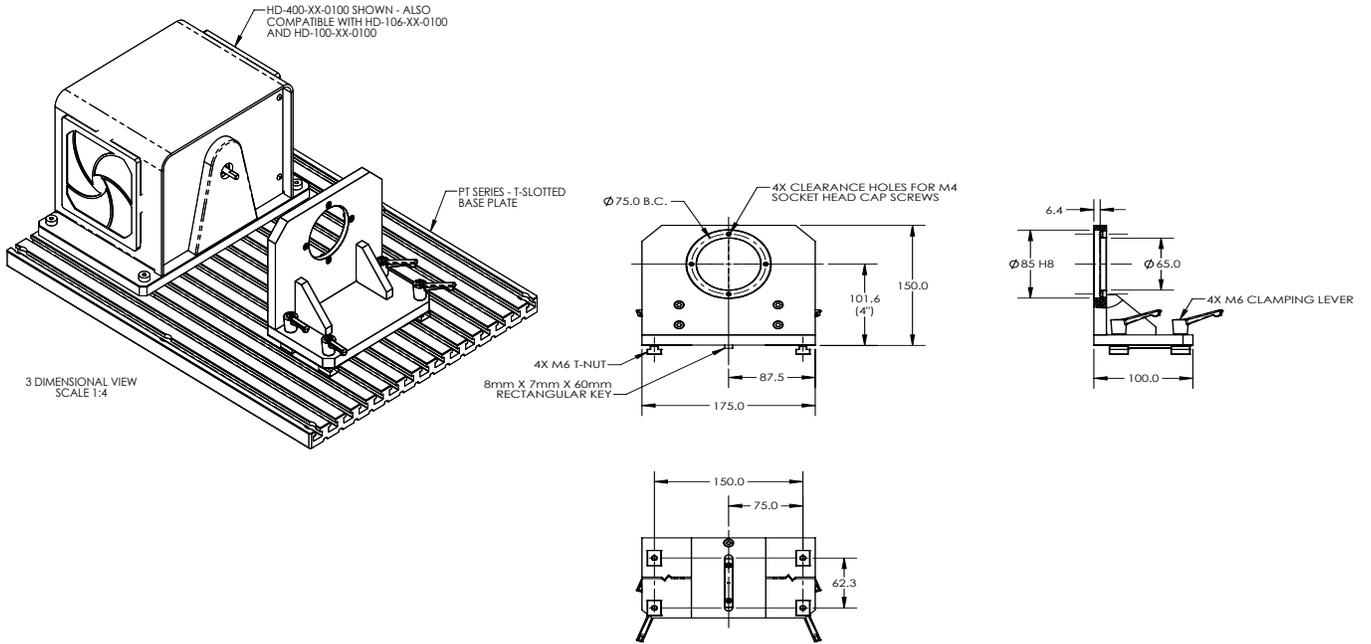
FMF Fixed Motor Fixtures can be mounted to any Magtrol Dynamometer T-slotted long base plate or any Hysteresis Dynamometer Table with grooved table top (TAB 1457S, TAB 0800L and TAB 0825L). These fixtures are equipped with a precisely located rectangular key on the bottom of the plate for easy centering. Also included are four adjustable clamping levers and T-nuts.

MOUNTING EXAMPLE

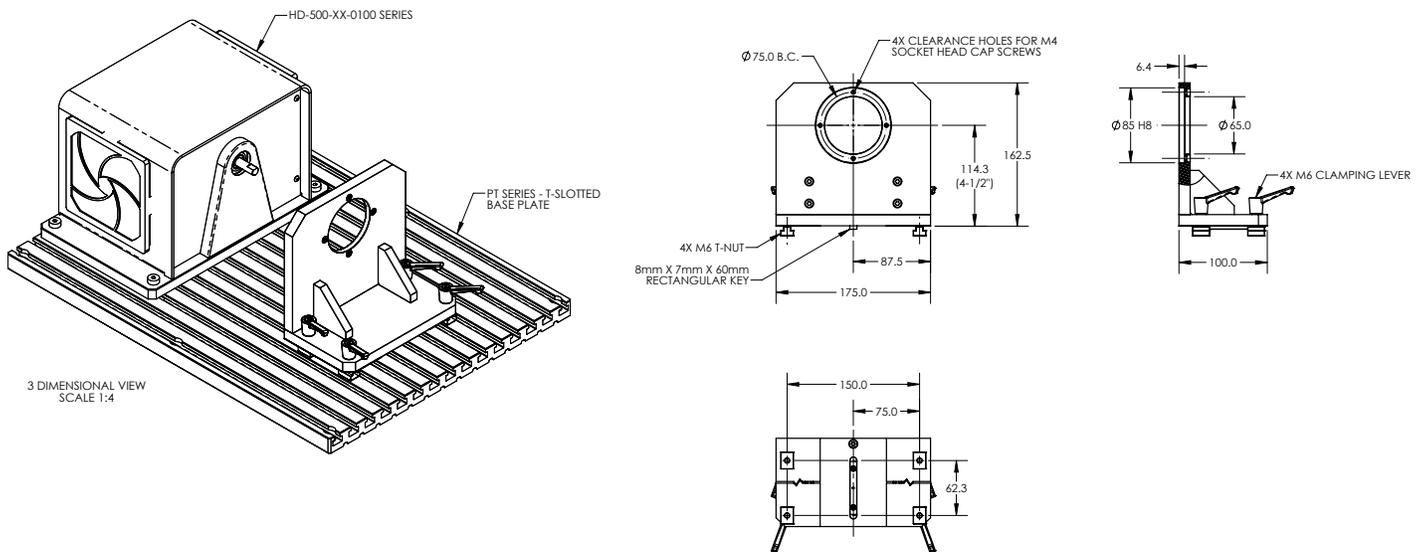


DIMENSIONS

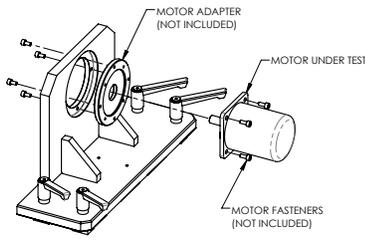
FMF-400-PT



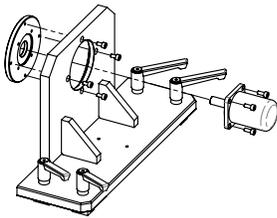
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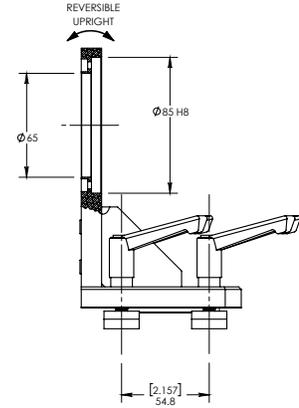
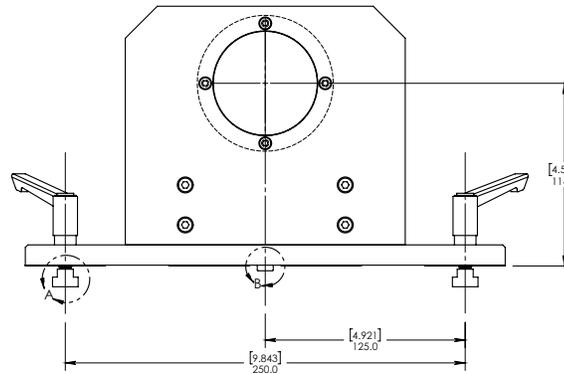
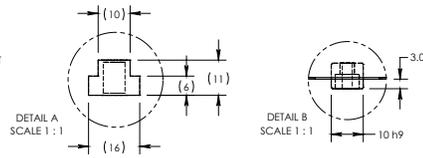
FMF-500-TAB



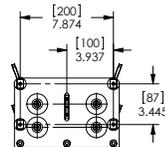
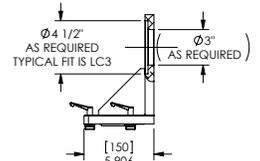
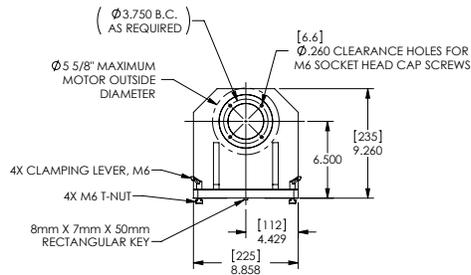
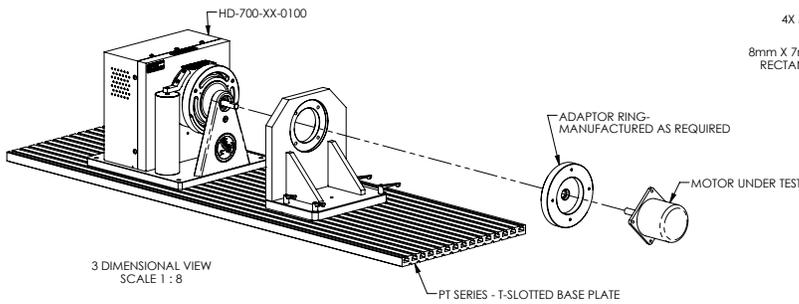
DEFAULT CONFIGURATION



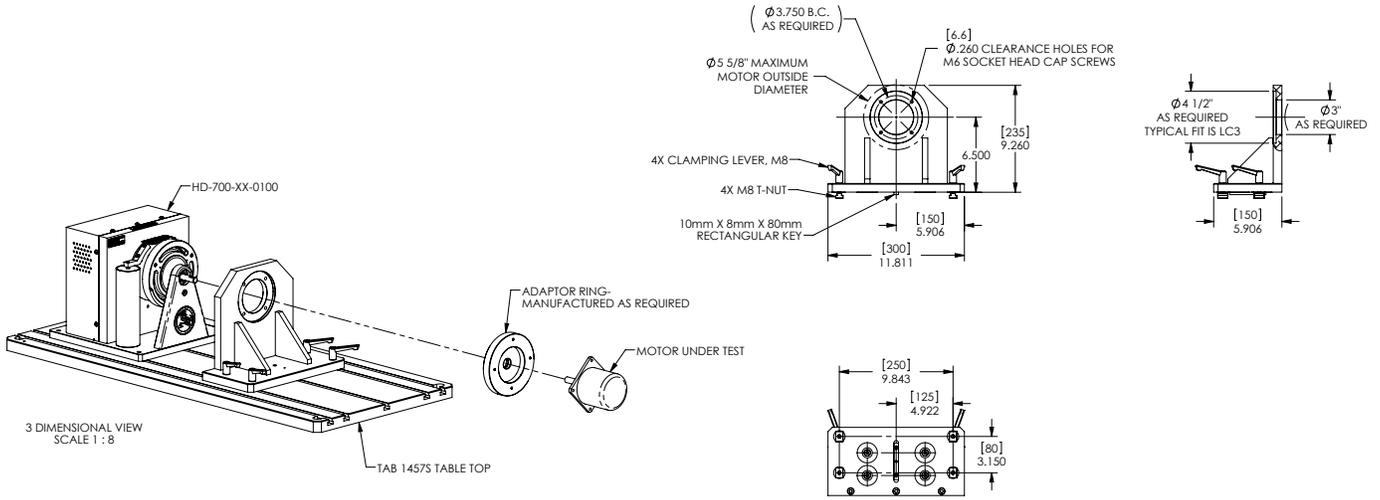
REVERSED UPRIGHT



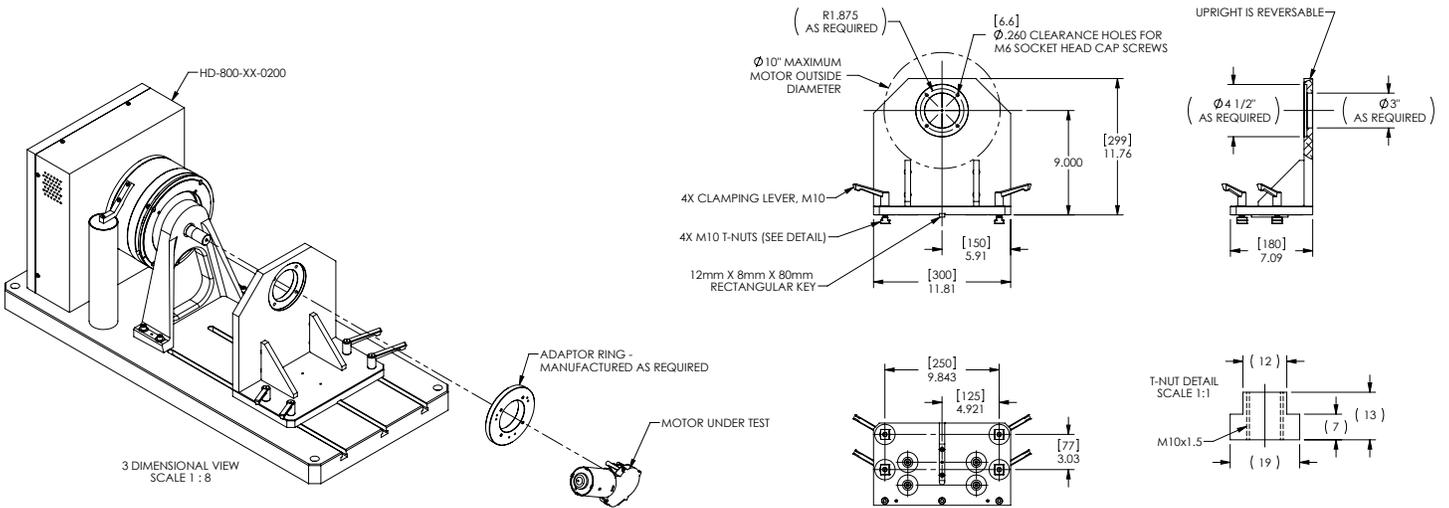
FMF-700-PT



FMF-700-TAB



FMF-800



ADAPTOR RING

When ordering an FMF Fixed Motor Fixture, it is necessary to define the motor mounting specifications so that Magtrol can manufacture an appropriate adaptor ring for your motor.

ORDERING INFORMATION

MODEL NUMBER	FMF	-	---	-	---
FMF	: Fixed Motor Fixture				
400	: HD-100/106/400 Series Dynamometers				
500	: HD-500 Series Dynamometers				
700	: HD-700 Series Dynamometers				
800	: HD-800 Series Dynamometers				
PT	: For HD-100/106/400/500/700 Series dynamometers mounted to PT material only				
TAB	: For HD-500/700 Series dynamometers mounted to TAB 1457S Dynamometer Table only				
(Blank)	: For HD-800 Series Dynamometers ordered with long t-slot base plate, or mounted to TAB 0800L or TAB 0825L Dynamometer Table				