

FA4TM

Mechanical linear and rotational flange alignment tool



The FA4TM is a mechanical linear and rotational flange alignment tool.

It produces an aligning force of 4 T (40 kN) with 68 N·m (50 ft·lb) of torque applied.

40 kN

ALIGNING FORCE (4 T)

68 N·m

INPUT TORQUE (50 FT·LB)

8.6 kg

TOOL WEIGHT (19.0 LB)

12.2 kg

GROSS WEIGHT (26.9 LB)

KIT COMPONENTS

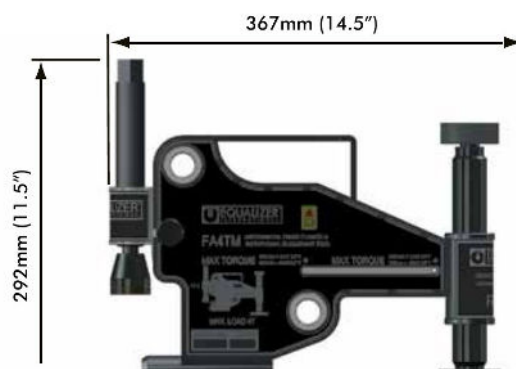
- 1 × FA4TM tool
- 1 × 68 N·m (50 ft·lb) torque wrench
- 1 × 22 mm socket
- 1 × Ratchet strap
- 1 × Instruction manual
- 1 × Carry-case

WEIGHTS AND DIMENSIONS

Product code	FA4TMSTD
Tool weight	8.6 kg (19.0 lb)
Case weight	2.5 kg (5.5 lb)
Gross weight	12.2 kg (26.9 lb)
Carry-case dimensions	600 × 370 × 200 mm (23.6" × 14.6" × 7.9")



FA4TM kit

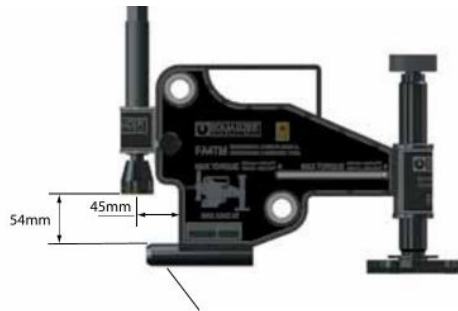


Tool dimensions

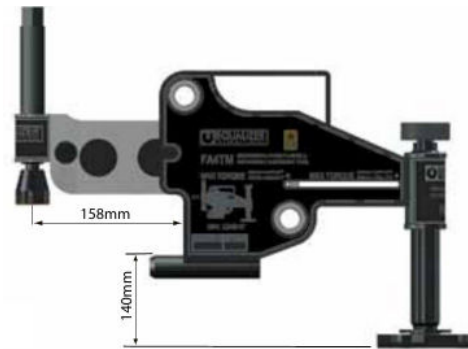
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MINIMUM AND MAXIMUM EXTENSION



Minimum extension — minimum applicable bolt hole diameter 25 mm (1.0")



Maximum extension

RANGE OF APPLICATION

ASME	½"	¾"	1"	1¼"	1½"	2"	2½"	3"	3½"	4"	5"	6"	8"	10"	12"	14"
150#						FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM
300#					FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM	FA4TM
400#						FA1TM	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE	FA9TE
600#					FA1TM	FA1TM	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE	FA9TE	FA9TE
900#	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM		FA4TM	FA4TM	FA4TM	FA9TE	FA9TE	FA9TE	FA9TE
1500#	FA1TM	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM			FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE
2500#	FA1TM	FA1TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE		FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	

ASME	16"	18"	20"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
150#	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE
300#	FA9TE	FA9TE	FA9TE	FA9TE	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE
400#	FA9TE	FA9TE	FA9TE	FA9TE	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE
600#	FA9TE	FA9TE	FA9TE	FA9TE	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA4TM	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE
900#	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE	FA9TE								
1500#	FA9TE	FA9TE	FA9TE													
2500#																

Flange size (nominal) by ASME pressure class. FA4TM cells highlighted; shaded blank cells have no tool listed.