

FA9TE

Hydraulic linear and rotational flange alignment tool



The FA9TE is a hydraulic linear and rotational flange alignment tool.

It produces an aligning force of 9 T (90 kN) at 10,000 psi (700 bar).

90 kN

ALIGNING FORCE (9 T)

700 bar

PRESSURE (10,000 PSI)

14.5 kg

TOOL WEIGHT (32.0 LB)

26.5 kg

GROSS KIT WEIGHT (58.5 LB)

KIT COMPONENTS

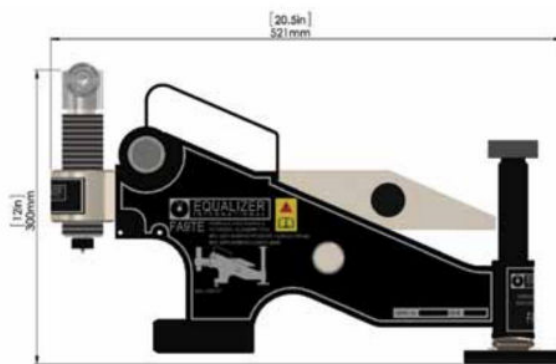
- 1 × FA9TE tool including hydraulic cylinder
- 1 × 10,000 psi (700 bar) hydraulic hose, 2 m (78.75")
- 1 × 10,000 psi (700 bar) HP350S sealed hand pump with gauge
- 1 × Instruction manual
- 1 × Carry-case
- 1 × Ratchet & strap

WEIGHTS AND DIMENSIONS

Product code	FA9TESTD
Tool	14.5 kg (32.0 lb)
HP350S hand pump	4.5 kg (9.9 lb)
Hydraulic hose	1.0 kg (2.2 lb)
Carry-case	11.0 kg (24.3 lb)
Gross kit weight	26.5 kg (58.5 lb)
Carry-case dimensions	920 × 520 × 210 mm (36.2" × 20.5" × 8.3")



FA9TE kit

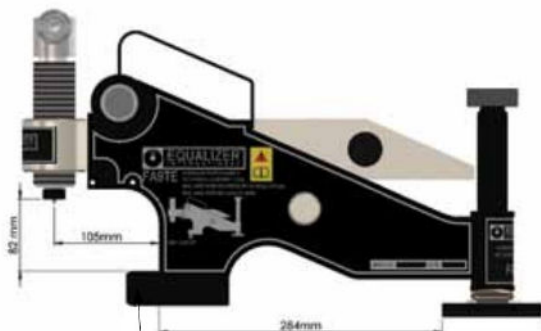


Tool dimensions

FA9TE

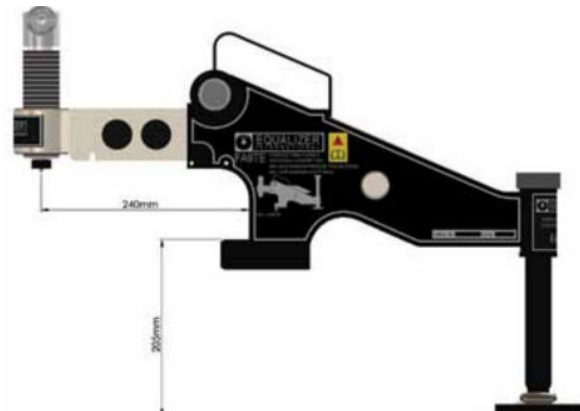
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MINIMUM AND MAXIMUM EXTENSION



Minimum applicable bolt hole diameter 35.5mm (1.40")

Minimum extension



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									
1500#	FA9TE	FA9TE	FA9TE													
2500#																

Flange size (nominal) by ASME pressure class. FA9TE cells highlighted; shaded blank cells have no tool listed.

**Enerteq Solutions, Inc.**

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