



FLANGE TOOL INNOVATION

PRODUCT DATA SHEET

THE EQUALIZER™
RANGE OF **TFA**

INTEGRAL HYDRAULIC TOWER
FLANGE ALIGNMENT TOOLS

- TFA12TI
- TFA15TI

KIT CONTENTS

TFA12TI STANDARD KIT:

- 1 x TFA12TI Tool
- 1 x Safety Lanyard
- 1 x Instruction Manual
- 1 x Carry Case
- Product Code:
TFA12TISTD

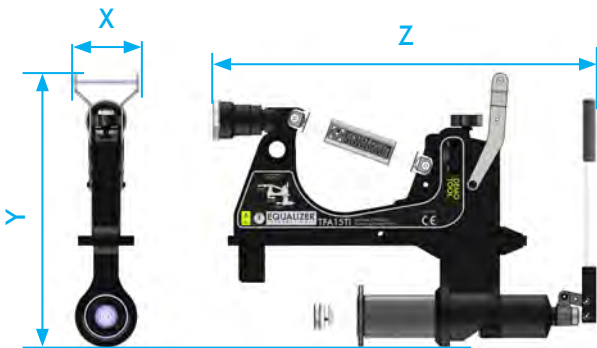
TFA15TI STANDARD KIT:

- 1 x TFA15TI Tool
- 1 x Safety Lanyard
- 1 x Instruction Manual
- 1 x Carry-Case
- Product Code:
TFA15TISTD



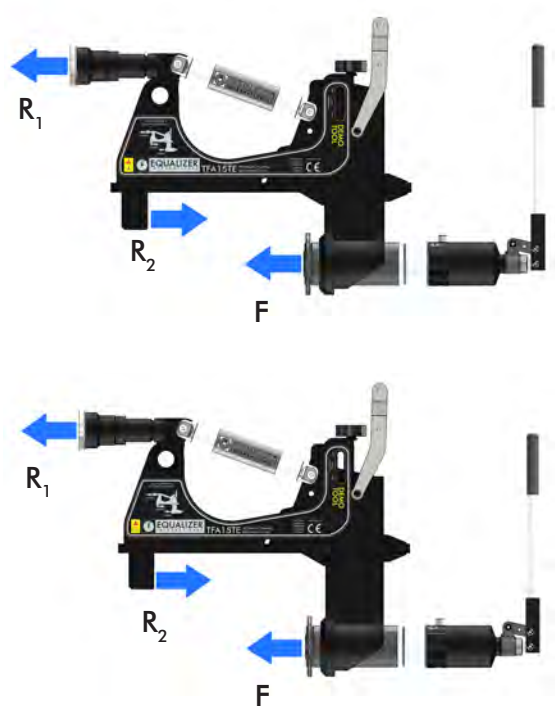
WEIGHTS AND DIMENSIONS

	KIT WEIGHT	TOOL WEIGHT	X	Y	Z	CARRY CASE DIMS
TFA12TI	31.0 kg (68.3 lb)	21.9 kg (48.3 lb)	104 mm (4.10")	470 mm (18.5")	635 mm (25.0")	585 mm (23.0") 900 mm (35.4") 160 mm (11.8")
TFA15TI	30.6 kg (67.5 lb)	21.5 kg (47.4 lb)	104 mm (4.10")	430 mm (16.9")	635 mm (25.0")	585 mm (23.0") 900 mm (35.4") 160 mm (11.8")



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ALIGNMENT FORCE

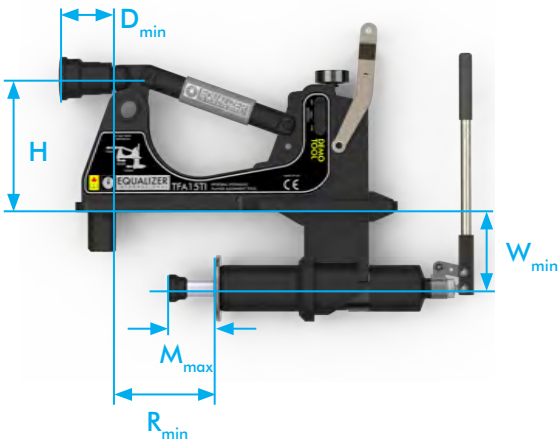


	FORCE		TFA12TI	TFA15TI
F	ALIGNMENT FORCE	MIN	12 T	15 T
		MAX		
R ₁	REACTION FORCE 1	MIN	10 T	9 T
		MAX	12 T	12 T
R ₂	REACTION FORCE 2	MIN	22 T	24 T
		MAX	24 T	27 T

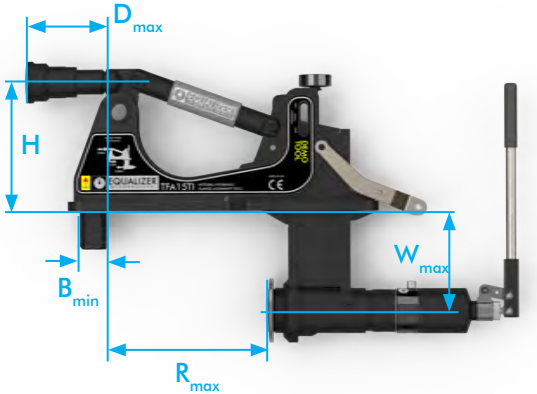


RANGE OF APPLICATION

MINIMUM EXTENSION



MAXIMUM EXTENSION



	DIMENSION		TFA12TI	TFA15TI
B	Bolt Hole Diameter	MIN	45 mm	45 mm
M	Misalignment	MIN	0 mm	0 mm
		MAX	65 mm	65 mm
R	Rise	MIN	150 mm	150 mm
		MAX	250 mm	250 mm
D	Pipe Leg Drop	MIN	83 mm	83 mm
		MAX	123 mm	123 mm
W	Wing Reach	MIN	160 mm	120 mm
		MAX	203 mm	160 mm
H	Reaction Spacing	MIN	200 mm	200 mm