

FSX

LOW PROFILE WRENCH FOR UNUSUAL FLANGES

Thanks to its lightweight, slim design and fine-toothed ratchet system, the FSX is perfect for tight, sensitive and hard-to-reach areas. The easy transition from tightening to loosening mode, its high bolting speed and the ease with which the cassette can be changed make the FSX the ultimate tool.

ALSO
AVAILABLE AS
AN ATEX
VERSION



EXII 2 GD
Ex h IIB T4 Gb X
Ex h IIIC T110°C Db X



1

PROTECTION

Integrated release
shock absorber

2

SAFETY

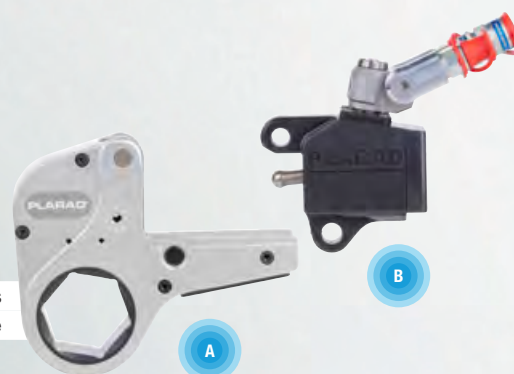
Overpressure
safety valve

3

LIGHT WEIGHT

Housing made of
high-resistant aluminium

Several inserts
optionally available



A

Cartridge HSX

- Comfortable and safe working thanks to 360° adjustable handle
- Sustainable and durable thanks to replaceable spare parts
- Also available to suit ANSI flanges

B

Drive unit SX/SX-EC

- Easy assembly/disassembly thanks to patented connection of piston and ratchet system
- Also available as a single-hose version - for even better handling



FSX

+ ADAPTABILITY

- ▶ Quick and safe change of the output unit thanks to automatic separation of piston and ratchet system
- ▶ Rotatable 2-axis hose connection (rotatable and swivelling)



+ QUALITY

- ▶ Durable fine-toothed ratchet system
- ▶ No jamming of the wrench regardless of the piston position
- ▶ SQS system: Hydraulic system encapsulated in a hardened steel cylinder for housing protection

SQS
SAFETY QUALITY
SERVICE SYSTEM

+ UPGRADE

- ▶ Combined with Plarad power packs suitable for documentation, torque and rotation angle mode
- ▶ Bolting parameters can be preset



Absorber protects the housing from damage in the case of a release shock



MODELS // DATA

Type FSX-Kombination Type FSX-Combination	max. Drehmoment Torque max.		max. Betriebsdruck Pressure max.		L1		H1		R		B2		Gewicht* Weight*		Material
	Nm	ft-lbs	bar	psi	mm	inch	mm	inch	mm	inch	mm	inch	kg	lbs	
SX-EC 1** / HSX	1.000	738	800	11,600	149	5.87	116	4.57	29,5	1.16	32,0	1.26	1,60	3.5	Aluminium
SX-EC 2 / HSX	2.500	1,844	800	11,600	173	6.81	141	5.55	38,0	1.50	41,0	1.61	2,75	6.1	Aluminium
SX-EC 5 / HSX	5.500	4,057	800	11,600	221	8.70	184	7.24	46,0	1.81	50,0	1.97	5,85	12.9	Aluminium
SX-EC 8 / HSX	8.500	6,270	800	11,600	250	9.84	207	8.15	55,0	2.17	55,0	2.17	6,40	14.1	Aluminium
SX-EC 12 / HSX	12.000	8,851	800	11,600	298	11.73	232	9.13	66,5	2.62	64,0	2.52	7,90	17.4	Aluminium
SX-EC 20 / HSX	20.000	14,752	800	11,600	360	14.17	299	11.77	87,5	3.44	80,0	3.15	16,50	36.4	Aluminium
SX 30 TST / HSX	30.000	22,128	800	11,600	389	15.31	328	12.91	99,5	3.92	102,5	4.04	26,50	58.4	Aluminium
SX 45 TST / HSX	45.000	33,192	800	11,600	426	16.77	376	14.80	119,0	4.69	111,0	4.37	35,00	77.2	Aluminium

Repeat accuracy: ≤ 4%, depending on the bolted joint. Technical data without guarantee.

*Specification without reaction arm.

**Supplied with TSM connection.