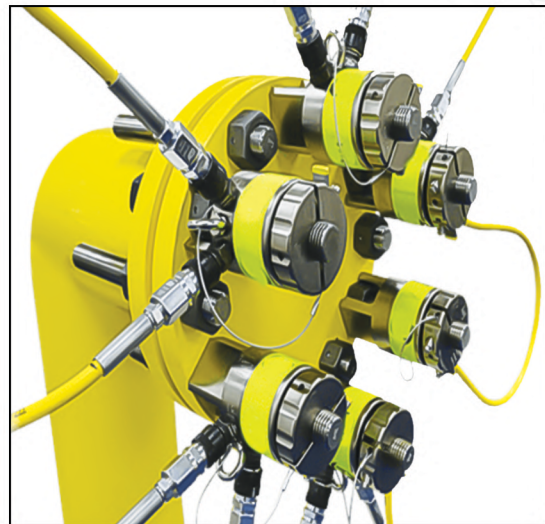


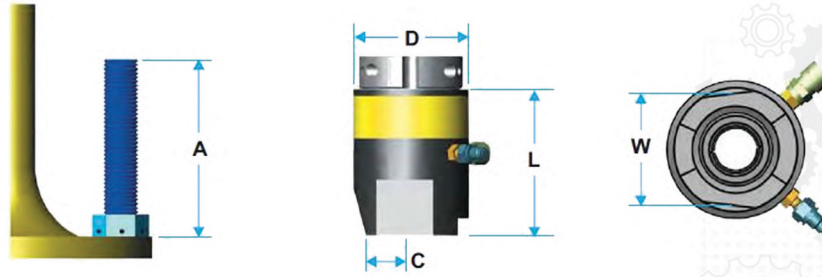
Specially for application as Subsea flange connections and Subsea clamps we have PSS Series Bolt Tensioners. These Tensioners are suitable for higher pressure rating flanges also. This is an ergonomic design, which is very easy to handle and use under the harsh sea conditions. This tool is an assembly of two basic parts a Tensioning Unit and Puller.



PSS SERIES

FEATURES :

- ▶ This Complete tool has been made from high strength stainless steel which is suitable in corrosive sea environment and to minimize maintenance.
- ▶ These Tools are designed to provide a wide range of flexibility, and cover for stud sizes 3/4" to 3.1/2" (M-20 to M-85)..
- ▶ This Tool generates higher load which is suitable for higher pressure rating flanges.
- ▶ These tensioners have a 25mm long stroke with indication mark to avoid over stroke limit.
- ▶ Tools release high pressure hydraulic oil inwards when over-stroke, so that it save operator from any potential exposure.
- ▶ For Multi tensioning applications the provision of two connections (Manifold) has been done.
- ▶ This tool is assembled with Anti Roll, Composite Material seals for longer life and high reliability. These seals have a low coefficient of friction so that the piston can be returned to a closed position with minimal effort.
- ▶ On customer request we can provide this tool with machined PU (poly urethane) seals..
- ▶ As a Optional Split Nut available for fast and easy fitment which ensures most efficient use of expensive diver time.
- ▶ This Tool is having detachable hooks and strap for easy handling under water.
- ▶ Knurled and formed surface of this tool allows easy handling.
- ▶ Fluorescent band is available on load cell body for easy tool identification.



TECHNICAL SPECIFICATION

Model No.		Bolt Size		Max Load		Hyd Area		D	C	W	L	A	Weight Kg.	
Load Cell	Puller Nut	Inch	mm	Ton	KN	In ²	mm ²	mm	mm	mm	mm	mm	Cell	Adaptor
PSS-03	PT03-0.12	3/4"		21.2	188	1.95	1256	65	30	46	100	122	2.0	0.3
	PT03-M20		M20											0.3
	PT03-0.14	7/8"												0.3
PSS-04	PT04-M24			34.7	309	3.19	2061	86	30	64	123	153	4.7	0.7
	PT04-1.00	1												0.7
	PT04-M27		M27											0.7
	PT04-1.02	1.1/8"												0.7
	PT04-M30		M30											0.7
PSS-05	PT05-1.04	1.1/4"		54.2	482	4.98	3215	98	30	78	138	171	5.5	0.7
	PT05-M33		M33									171		0.7
	PT05-1.06	1.3/8"										174		0.7
	PT05-M36		M36									174		0.7
PSS-07	PT07-1.08	1.1/2"		79.4	706	7.30	4710	117	30	93	147	186	7.4	0.8
	PT07-M39		M39									186		0.8
	PT07-1.10	1.5/8"										189		0.8
	PT07-M42		M42									189		0.8
PSS-11	PT11-1.12	1.3/4"		119.1	1060	10.95	7065	138	60	113	152	197	13.5	3.5
	PT11-M45		M45									197		3.5
	PT11-1.14	1.7/8"										200		3.5
	PT11-M48		M48									203		3.5
	PT11-2.00	2"										206		3.8
	PT11-M52		M52									209		3.8
PSS-15	PT15-M56		M56	174.7	1554	16.06	10362	164	60	141	171	229	20.7	5.0
	PT15-2.04	2.1/4"										229		5.0
	PT15-M60		M60									229		5.0
	PT15-2.08	2.1/2"										233		5.2
	PT15-M64		M64									233		5.2
PSS-20	PT20-2.12	2.3/4"		219.4	1952	20.17	13011	190	60	166	194	266	23.5	5.2
	PT20-M72		M72									266		5.2
	PT20-M36		M76									269		5.2
	PT20-3.00	3"										269		5.2
PSS-27	PT27-M80		M80	268.7	2390	24.70	15935	214	60	191	208	288	31.5	6.5
	PT27-3.04	3.1/4"										288		6.5
	PT27-M85		M85									293		6.5
	PT27-3.08	3.1/2"										293		6.5

