

ACUTE™ - Enhancing standard

Introducing **ACUTE™**: the world's safest, most value-efficient range of standard hydraulic tensioners.

ACUTE™ is the only standard tensioner range offering:

- Standard Mode and Over-Drive Mode
- Highest available maximum stroke
- Spherical interface for unparalleled misalignment protection
- Monobody shim design for optimised load path and NRS captivation
- NRS shim available in custom footprints, thicknesses and materials
- Supplied with our patented **Acu-Safe™** safety system



Each of the above features has been engineered with two primary requirements in mind – speed and safety.

Our unique monobody and NRS design offers greatly improved load paths, permitting higher performance, as well as safeguarding personnel and plant via our unique **Acu-Safe™** safety system.

No other standard tensioner OEM offers engineered-to-order tooling on same-day delivery. No other standard tensioner for ASME/ANSI topside offers 18mm stroke or over-drive mode.

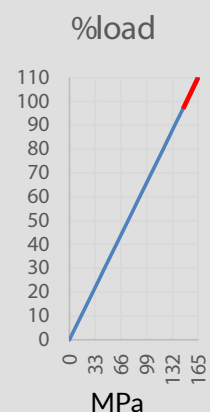
As well as the above unique features, **ACUTE™** is offered as standard with additional benefits many others consider to be unique; such as nitride finish, misalignment compensation, safe seal expiration, maximum stroke indication and durable seals.

- **Acu-Safe™** patented safety system to prevent:
 - Thread strip
 - Bolt fracture
 - Fatigue limit

- Engineered for:
 - ANSI/ASME B16.47
 - API
 - SPO and other

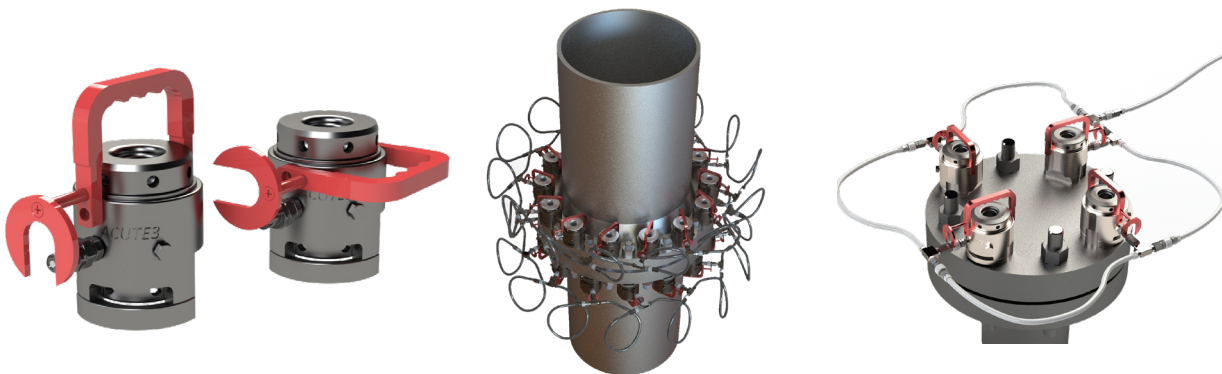
- Standard Mode- 150 MPa max stroke 18mm* 
- Over-Drive Mode- 165 MPa max stroke 15mm* 

- Versatile, durable monobody design
- Nitride anti-wear and anti-corrosion
- All sizes available from stock
- Dual max stroke indication
- Interchangeable with dedicated ACUTE-SPO range
- Test bolt FAT and CE marked





To suit sizes:	Standard Mode - Max pressure (MPa)	Standard Mode - Max load (kN)	Over-Drive Mode - Max Pressure (Mpa)	Over-Drive Mode - Max load (kN)	Load Cell Mass with Shims (kg)	Puller Weight (kg)	Tool Weight (kg)	Effective Tool diameter (mm)	Height (mm)	
5/8" - 7/8" M16 - M22	150	160	165	176	1.5	0.4	1.9	59	111	ACUTE0
3/4" - 1" M20 - M24	150	220	165	242	2	0.5	2.5	72	111	ACUTE1
1" - 1-1/4" M24-M30	150	325	165	358	2.9	1	3.9	86	132	ACUTE2
1-1/4" - 1-1/2" M30-M39	150	480	165	528	4.2	1.8	6	105	133	ACUTE3
1-5/8" - 2" M42-M52	150	890	165	979	7.4	3.6	11	136	160	ACUTE4
2-1/4" - 2-3/4" M56-M70	150	1521	165	1673	16	7	23	179	195	ACUTE5
2-3/4" - 3-1/4" M70-M80	150	2539	165	2793	31	14	45	219	232	ACUTE6
3-1/2" - 4" M85-M100	150	3097	165	3407	48	16	60	245	257	ACUTE7



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