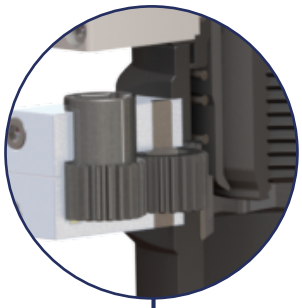
texascontrols

» GR HYDRAULIC TENSIONER

The most advanced industrial tightening tool

ROBUST GEAR DESIGN



MULTI-FACE SOCKET

Innovative design criteria and high quality manufacturing standards, ensures safety, simplicity of use, reliability and time saving in bolting jobs for the Wind Turbine Industry.

Thanks to our extensive experience in “on site” bolting jobs, we appreciate the advantage of the availability of a versatile hydraulic tool.

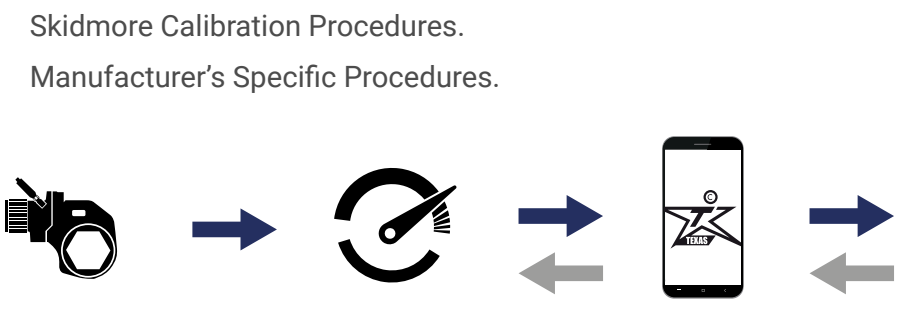
GR series cover the range of the most common diameters of bolts.

» BOLTPILOT® INSIDE

The BoltPilot System is a Multi-Farm Platform that defines the complete Wind Farm, each Turbine and each Turbine’s bolted joints. From that valuable information, the System Controls, Guides, Assures and Records all bolt tightening processes without interfering with the existing procedures. Among all other features, the System will assure and record:

- Torque or Torque and Angle Applied.
- Tension or Tension and Residual Elongation.
- Skidmore Calibration Procedures.
- Manufacturer’s Specific Procedures.

→ Data Collected from the Tools & User
← Configuration Data from the System



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Model	Stud Size	Max. Pressure	Tool Load Capacity	Hydraulic Pressure Area	Effective O.D. (A)	Tool Height (H)	Max. Stroke	Stud protrusion over flange (mm)		Complete Tool Weight
	Metric	*bar*	*kN*	*mm²*	*mm*	*mm*	*mm*	*Min*	*Max*	*kg*
GR30	M30	1.350	454,4	3366	84	172,5	8	63	83	6,4
GR33	M33	1.350	564,4	4.181	92	180	8	65	85	7,6
GR36	M36	1.350	672,7	4.983	95	197	8	78	105	8,5
GR39 HL	M39	1.400	798,8	5.706	98	211	8	86	112	9,4
GR42	M42	1.400	910,4	6.503	104	214	7	88	120	11,4

MAIN FEATURES

- Max. working pressure 1.350 / 1.400 bar
- Max. stroke 7 / 8 mm - High pressure quick connect couplings, with no o-rings needed, ensure better performance.
- Max Stroke indicator.
- Belleville spring return system.
- Metric & special threads are available under request.
- Proven safety design:
- Positive Stop to reduce the load in case of overexceed the max stroke.
- Antiprojection system in case of puller failure.