

TYPHOON TENSIONING TOOLS FOR SIEMENS GAMESA WIND TURBINES

Boltight Typhoon tensioners have been developed to meet the technical and environmental demands of the wind energy market where high bolt load and restricted access applications are commonplace.

The robust design ensures reliability during the frequent and repeated use necessary on wind turbine projects.



FOR SIEMENS LEGACY 2.3 MW TURBINES

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TTMP-M036-91-00	M36x4	55 A/F	22.0 lbs 10.0 kg	2.3 MW Blade Bolts
TTS-M036-22-00-SIE23	M36x4	60 A/F	16.5 lbs 7.5 kg	Blade Bearing
TTMP-M036-91-54	N/A	N/A	1.0 lbs 0.5 kg	25 mm Spacer for Long Studs

FOR SIEMENS LEGACY 3.0 MW AND LARGER TURBINES

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TTMP-M036-109-00	M36x4	55 A/F	22.0 lbs 10.0 kg	Blade Studs and Blade Bearings
TTMP-M036-91-00	M36x4	55 A/F	22.0 lbs 10.0 kg	Optional Tool for Blade Bolts

FOR GAMESA G8X AND G9X TURBINES

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TTMP-M030-21-00	M30x3.5	46 A/F	12.6 lbs 5.7 kg	Blade Studs and Blade Bearings

As of February 2023, subject to change. Please contact your local sales representative for further information.

FOR GAMESA G114 TURBINES

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TTMP-M036-46-00	M36x4	55 A/F	19.8 lbs 9.0 kg	Blade Studs and Blade Bearings

FOR GAMESA G145 5.X TURBINES

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TTMP-M042-81-00	M42x4.5	65 A/F	28.60 lbs 13.0 kg	Blade Studs

FOR METRIC FOUNDATIONS

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TRN-M036-14-00	M36x4	N/A	19.8 lbs 9.0 kg	M36 Foundation
TRN-M039-02-00	M39x4	N/A	19.8 lbs 9.0 kg	M39 Foundation
TTMP-M042-72-00	M42x4.5	N/A	24.2 lbs 11.0 kg	M42 Foundation

FOR WILLIAMS FOUNDATIONS

TOOL NO#	THREAD SIZE	NUT - A/F SIZE	WEIGHT	APPLICATION
TRN-WILL-11-00	#10 & #11	N/A	16.5 lbs 7.5 kg	75 KSI & 90 KSI
TRN-WILL-13-00	1-1/4" & 1-3/8"	N/A	22.0 lbs 10.0 kg	150 KSI