



HANDTORQUE® COMPACT SERIES KITS



*SpinNor (1/2") included
Part No. 19253*

Multiplier & Torque Wrench Kits

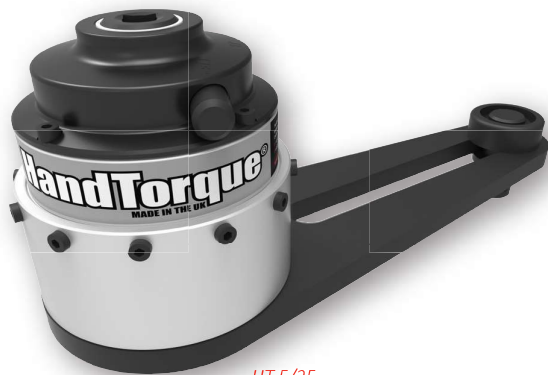
For convenience, it is now possible to purchase a torque multiplier from the 'Compact Series' packaged with the appropriate torque wrench, up to 4,000 N·m. This allows the operator to arrive at the bolting application with everything needed in one robust carry case. Space has also been allowed in the carry case for accessories such as sockets.

The torque multiplier is supplied with its own unique calibration certificate and the torque wrench is supplied with a Declaration of Conformance, allowing accurate calculation of input torque to the multiplier for critical applications.

- All kits include a 'SpinNor' which aids fast reaction location
- All models include an Anti Wind-up Ratchet on the multiplier

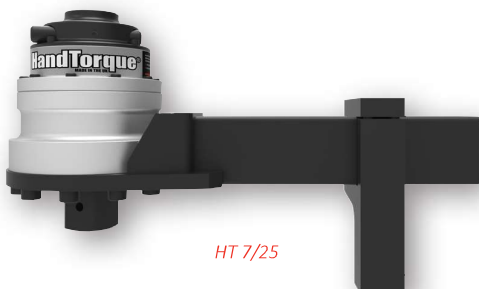
4	HT COMPACT SERIES & TORQUE WRENCH KITS
18186	HT-52, 1,000 N·m, 3/4" out + NorTorque 60 1/2" Dual Scale
18192	HT-72, 2,000 N·m, 1" out + NorTorque 100 1/2" Dual Scale
18195	HT-92, 4,000 N·m, 1" out + NorTorque 200 1/2" Dual Scale

HANDTORQUE® STANDARD SERIES



HT 5/25

- Mean torque multiplication accuracy ±4%
- High ratios allow the use of a small torque wrench, multipliers can be used where access is limited
- Anti Wind-Up Ratchet available on high ratio models
- Other reaction styles can be designed to suit specific applications
- Electronic torque transducers can be fitted for precise torque monitoring, see page 97
- Other models available up to 300,000 N·m
- If calibration is required, a UKAS accredited calibration certificate may be ordered (at extra cost) up to 6,000 N·m



HT 7/25

4	STANDARD SERIES
16010	HT 1/5, 1,700 N·m, 1/2" in 3/4" out
16012.HD	HT 2/5, 1,700 N·m, 3/4" in 1" out
16034.HD	HT 2/25, 1,700 N·m, 1/2" in 1" out
16089.HD	HT 2/25, 1,700 N·m, 1/2" in 1" out AWUR
16014	HT 5/5, 3,400 N·m, 3/4" in 1" out
16028	HT 5/25, 3,400 N·m, 1/2" in 1" out
16090	HT 5/25, 3,400 N·m, 1/2" in 1" out AWUR
16016	HT 6/5, 3,400 N·m, 3/4" in 1 1/2" out
16024	HT 6/25, 3,400 N·m, 1/2" in 1 1/2" out
16092	HT 6/25, 3,400 N·m, 1/2" in 1 1/2" out AWUR
16093	HT 6/125, 3,400 N·m, 1/2" in 1 1/2" out AWUR
16067	HT 7/5, 6,000 N·m, 3/4" in 1 1/2" out
16018	HT 7/25, 6,000 N·m, 1/2" in 1 1/2" out
16065	HT 7/25, 6,000 N·m, 1/2" in 1 1/2" out AWUR
16068	HT 7/125, 6,000 N·m, 1/2" in 1 1/2" out AWUR
16059	HT 9/25, 9,500 N·m, 3/4" in 1 1/2" out
16070	HT 9/25, 9,500 N·m, 3/4" in 1 1/2" out AWUR
16071	HT 9/125, 9,500 N·m, 1/2" in 1 1/2" out AWUR
16082	HT 11/25, 20,000 N·m, 3/4" in 2 1/2" out
16049	HT 11/125, 20,000 N·m, 1/2" in 2 1/2" out AWUR
16053	HT 13/125 47,500 N·m, 1/2" in 2 1/2" out AWUR

Other gear ratios may be available upon request.

If AWUR is not required please enquire for part number.

HT 13/125 fitted with weld prepared reaction ring as standard.

AWUR = Anti Wind-Up Ratchet. See page 39

NOTE: Model name does not reflect multiplication ratios, see mean multiplication ratios on page 44

For spares kits for Norbar multipliers, please see page 136.



HANDTORQUE® STANDARD SERIES

Model	HT 1/5	HT 2/5	HT 2/25	HT 2/25 AWUR	HT 5/5	HT 5/25	HT 5/25 AWUR	HT 6/5	HT 6/25	HT 6/25 AWUR	HT 6/125 AWUR
Part Number	16010	16012.HD	16034.HD	16089.HD	16014	16028	16090	16016	16024	16092	16093
Mean Multiplication Ratio	5.2:1	5.2:1	27:1	27:1	5.2:1	27:1	27:1	5.2:1	27:1	27:1	135:1
Dimensions (mm)	ØD	108	108	108	108	119	119	119	119	119	119
	H	83	98	98	114	106	127	132	106	128	159
	L	303	303	303	303	355	355	355	355	355	355
	R1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	R2 min.	83	83	83	83	86	86	86	86	86	86
	R2 max.	216	216	216	216	263	263	263	263	263	263
Tool Weight (kg)	3.0	3.2	4.6	6.7	4.7	6.4	7.5	4.7	6.4	7.5	9.0
Reaction Weight (kg)	2.2	2.2	2.2	2.2	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Model	HT 7/5	HT 7/25	HT 7/25 AWUR	HT 7/125 AWUR	HT 9/25	HT 9/25 AWUR	HT 9/125 AWUR	HT 11/25	HT 11/125 AWUR	HT 13/125 AWUR	
Part Number	16067	16018	16065	16068	16059	16070	16071	16082	16049	16053	
Mean Multiplication Ratio	5.2:1	27:1	27:1	135:1	27:1	27:1	135:1	27:1	135:1	135:1	
Dimensions (mm)	ØD	144	144	144	184	184	184	212	212	315	
	H	136	157	162	188	166	162	182	208	322	
	L	423	423	423	423	448	448	448	609	609	341
	R1	84	84	84	84	84	84	84	N/A	N/A	N/A
	R2 min.	150	150	150	150	175	175	175	320	320	N/A
	R2 max.	331	331	331	331	351	351	351	500	500	N/A
Tool Weight (kg)	8.1	9.6	10.7	12.2	16.3	17.4	18.9	31.7	32.1	95.2	
Reaction Weight (kg)	6.3	6.3	6.3	6.3	8.3	8.3	8.3	13.3	13.3	6.9	

