

Analog torque wrenches TES-/TEWS-Series up to 12000 Nm



TES-Series:
Straight Version with
spade formed handle



Free turnable safety handle to assure operation without stress forces

TES/TEWS:

- High performance torque wrench fitted with JUWEL torque cutoff system giving an accuracy of $\pm 3.5\%$ under unchanging conditions
- They are fast, precise and safe and make little noise
- Only a 230 V power supply is all that is required
- Protected against overloading by a slipping clutch
- The two stage drive is switchable from clockwise into counterclockwise rotation and allow to adjust 200 different torque ranges

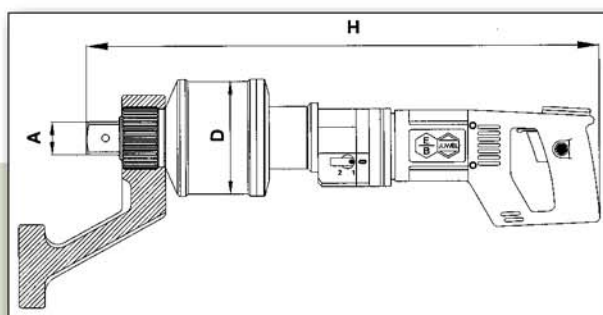
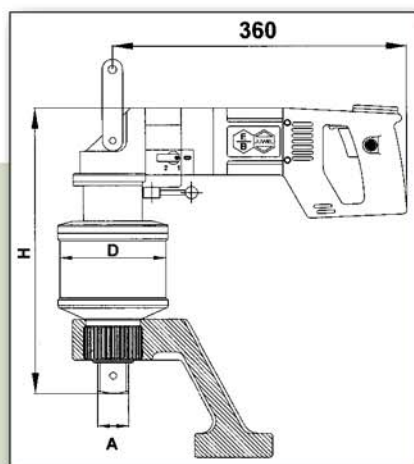
Additionally for TEWS-Series

- Can be rotated and fixed with a grip, independently of the reaction arm



Delivery includes:

- Support bevelled
- Torque table
- Test certificate
- Operating instructions
- Tool box, made of steel, with foamed material insert



Technical data

TYPE	TES-81 TESL-81	TES-101 TESL-101	TES-241 TESL-241	TES-351 TESL-351	TES-501/1K TESL-501/1K	TES-601/1 TESL-601/1	TES-901 TESL-901	TES-1200 TESL-1200
Art.-No. TES-	50 081 100	50 101 110	50 241 120	50 351 130	50 501 140	50 601 150	50 901 160	50 912 170
Art.-No. TESL-	50 081 300	50 101 310	50 241 320	50 351 330	50 501 340	50 601 350	50 901 360	50 912 370
Torque (Nm)	90-850	130-1200	430-2500	360-3500	800-5000	820-6000	1930-10000	1400-12000
Square drive A	3/4" o. 1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Gear diam. (mm) D	88	88	88	88	88	130	130	175
Height (mm) H	510	510	540	550	610	585	620	630
Weight (kg)	6,5	8	9	10	11	15	18	20
No-load speed (U/min.)	16	14	9	8	3	6	2,5	2,5

TYPE	TEWS-81 TEWSL-81	TEWS-101 TEWSL-101	TEWS-241 TEWSL-241	TEWS-351 TEWSL-351	TEWS-501/1K TEWSL-501/1K	TEWS-601/1 TEWSL-601/1	TEWS-901 TEWSL-901	TEWS-1200 TEWSL-1200
Art.-No. TEWS-	51 081 200	51 101 210	51 241 220	51 351 230	51 501 240	51 601 250	51 901 260	51 912 270
Art.-No. TEWSL-	51 081 400	51 101 410	51 241 420	51 351 430	51 501 440	51 601 450	51 901 460	51 912 470
Torque (Nm)	90-850	130-1200	430-2500	360-3500	800-5000	820-6000	1930-10000	1400-12000
Square drive A	3/4" o. 1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Gear diam. (mm) D	88	88	88	88	88	130	130	175
Height (mm) H	275	275	305	315	375	350	385	420
Width (mm) B	360	360	360	360	360	360	360	360
Weight (kg)	8	9	10	11	13	16	19	21
No-load speed (U/min.)	16	14	9	8	3	6	2,5	2,5

Torque wrenches with higher moments of torsion on request