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JUWEL TES-Series Electric Torque Wrench

- Torque range from 150 to 15,000 Nm
- Standard (XX4) or heavy-duty (XX5) version with modular gearbox design (see dimensional drawing)
- 2-speed right/left gearbox with a total of 200 torque steps and repeat accuracy of 3.5%
- Available as 230 or 110 volt version
- Drive unit freely rotatable through 360°
- Optional: With load release, the unit rotates a small number of degrees in the opposite direction after successful screwing for easier loosening of the impact socket from the screw
- Reaction arm made of high-strength investment casting - individual designs also possible on request thanks to in-house CNC production



Subject to technical changes and errors.

Technical Data



Typ/Type	TES-84	TES-104/105	TES-244/245	TES-354/355	TES-505	TES-604/605	TES-904/905	TES-1205	TES-1505
Antriebsvierkant/Square drive A	3/4" / 1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2 1/2"
Artikelnummer Schwerlast/ Item number heavy load	-	50 105 110	50 245 120	50 355 130	50 505 140	50 605 150	50 905 160	50 915 170	50 915 180
Artikelnummer Standard/ Item number standard	50 084 100	50 104 110	50 244 120	50 354 130	-	50 604 150	50 904 160	-	-
Drehmoment/Torque (Nm)	150 - 850	280 - 1.200	360 - 2.500	360 - 3.500	700 - 5.000	816 - 6.000	1.024 - 10.000	1.024 - 12.000	1.440 - 15.000
Gewicht Abstützung/ Weight reaction arm (kg)	1.6	1.6	1.6	3.5	3.5	5.7	5.7	5.7	11
Gewicht Standard/ Weight Standard (kg)	8/8,2	8.2	9.5	10.4	-	15.9	18.9	-	-
Gewicht Schwerlast/ Weight heavy load (kg)	-	9.2	10.6	11.5	13.7	16.9	20.5	29	36
Höhe/Height C (mm)	55-75	75	75	95	95	110	110	115	145
Höhe/Height H (mm)	530/540	540	570	580	650	635	680	680	695
Leerlaufdrehzahl (U/min)/ Idle speed (r/min)	16	14	10	9	3	6.5	2.5	2	2
Ø Getriebe Schwerlast/ Gear heavy load D (mm)	-	99	99	99	99	135	135	172	172
Ø Getriebe Standard/ Gear standard D (mm)	88	88	88	88	-	130	130	-	-

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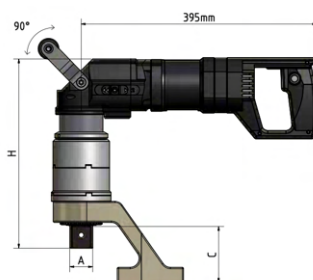
JUWEL TEWS-Series Electric Torque Wrench

- Available in the torque range from 150 to 15,000 Nm
- Choose between standard and heavy load version with modular gearbox mountings (see dimensional drawing)
- 2-speed transmission right/left with a total of 200 torque settings and repeat accuracy of $\pm 3.5\%$
- Available as 230 or 110 volt version
- Drive unit freely rotatable through 360°
- Optional: With the help of the load release, the device rotates a small number of degrees in the opposite direction after successful screwing. This makes it easier to remove the socket from the screw.
- Standard support made of high-strength investment casting - new designs also possible on request thanks to in-house production at low cost



Subject to technical changes and errors.

Technical Data



Typ/Type	TEWS-84	TEWS-104/105	TEWS-244/245	TEWS-354/355	TEWS-505	TEWS-604/605	TEWS-904/905	TEWS-1205	TEWS-1505
Antriebsvierkant/Square drive A	3/4" / 1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2 1/2"
Artikelnummer Schwerlast/Item number heavy load	-	51 105 210	51 245 220	51 355 230	51 505 240	51 605 250	51 905 270	51 915 270	51 925 280
Artikelnummer Standard/Item number standard	51 084 200	51 104 210	51 244 220	51 354 230	-	51 604 250	51 904 260	-	-
Drehmoment/Torque (Nm)	150 - 850	280 - 1.200	360 - 2.500	360 - 3.500	700 - 5.000	816 - 6.000	1.024 - 10.000	1.024 - 12.000	1.440 - 15.000
Gewicht Abstützung/Weight reaction arm (kg)	1.6	1.6	1.6	3.5	3.5	5.7	5.7	5.7	Auf Anfrage/On request
Gewicht Standard/Weight Standard (kg)	9.5	9.9	11.5	12.3	-	18	20.8	-	
Gewicht Schwerlast/Weight heavy load (kg)	-	11	12.5	13.3	15.5	18.8	22.4	31	
Höhe/Height C (mm)	55-75	75	75	95	95	110	110	115	
Höhe/Height H (mm)	265/275	275	305	315	365	350	390	400	
Leerlaufdrehzahl (U/min)/Idle speed (r/min)	16	14	10	9	3	6.5	2.5	2	
Ø Getriebe Schwerlast/Gear heavy load D (mm)	-	99	99	99	99	135	135	172	Auf Anfrage/On request
Ø Getriebe Standard/Gear standard D (mm)	88	88	88	88	-	130	130	-	

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JUWEL TESM-Series Electric Torque Wrench

- Torque range from 150 to 5,000 Nm
- Standard (XX4) or heavy-duty (XX5) version with modular gearbox design (see dimensional drawing)
- 2-speed right/left gearbox with a total of 200 torque steps and repeat accuracy of +/- 3.5%
- Available as 230 or 110 volt version
- Drive unit freely rotatable through 360°
- Optional: With load release, the unit rotates a small number of degrees in the opposite direction after successful screwing for easier loosening of the impact socket from the screw
- Reaction arm made of high-strength investment casting - individual designs also possible on request thanks to in-house CNC production



Subject to technical changes and errors.

Technical Data



Special-Feature: Two devices in one: Stepless locking of the control unit enables use as a straight or angled torque wrench according to your environment

Typ/Type	TESM-84	TESM-104/105	TESM-244/245	TESM-354/355	TESM-505
Antriebsvierkant/Square drive A	3/4" / 1"	1"	1"	1 1/2"	1 1/2"
Artikelnummer Schwerlast/ Item number heavy load	-	50 105 113	50 245 123	50 355 133	50 505 140
Artikelnummer Standard/ Item number standard	50 084 103	50 104 113	50 244 123	50 354 133	-
Drehmoment/Torque (Nm)	150 - 850	280 - 1.200	360 - 2.500	360 - 3.500	700 - 5.000
Gewicht Abstützung/ Weight reaction arm (kg)	1.6	1.6	1.6	3.5	3.5
Gewicht Standard/ Weight Standard (kg)	9,8/10	10	12.5	13.4	-
Gewicht Schwerlast/ Weight heavy load (kg)	-	11.1	13.6	14.5	16.7
Höhe/Height C (mm)	55-75	75	75	95	95
Höhe/Height H (mm)	265/275	275	305	315	365
Leerlaufdrehzahl (U/min)/ Idle speed (r/min)	16	14	10	9	3
Ø Getriebe Schwerlast/ Gear heavy load D (mm)	-	99	99	99	99
Ø Getriebe Standard/ Gear standard D (mm)	88	88	88	88	-

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