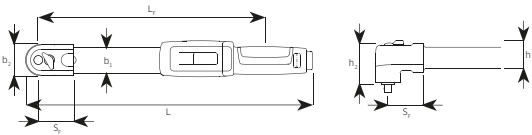


730R VDE VDE MANOSKOP® torque wrench with QuickRelease ratchet

QR

- click-type
- with double-insulated plastic sleeve against high voltages
- mount for interchangeable insert tools
- exchange of the ratchet 725QR VDE without having to recheck the insulation
- QuickRelease safety lock
- fast, accurate setting thanks to QuickSelect quick-action adjuster
- dual stop signal
- easy-to-read double scale with colour coding to differentiate between N·m/ft·lb and ft·lb/in·lb scales
- the measuring element is only under load while force is being applied, no need for manual reset to zero

- any force applied to the tool after the 'click' or applied in the opposite direction to the current function – e.g. forcible loosening of a jammed screw – does not act on the trigger mechanism and cannot cause damage to it.
- Insulation made of non-slip, abrasion-proof special plastic, resistant to diluted alkalis, hydrocarbons, fuels and oils.
- calibration using perfectControl calibrating unit No 7794 or calibration system No 7706. Adjustment without disassembly.
- with certificate
- display deviation value $\pm 3\%$

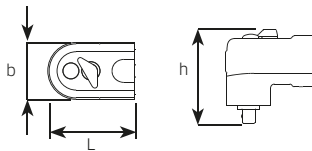


Code	size	4-25 N·m	40-220 in·lb	2 N·m	10 in·lb	0.2 N·m	mm	"	b ₁ mm	b ₂ mm	h ₁ mm	h ₂ mm	L mm	L _f mm	S _f mm	Δg g
96550125	2.5	4-25 N·m	40-220 in·lb	2 N·m	10 in·lb	0.2 N·m	9x12	3/8	43	49.5	36	59.5	335.5	253.5	28	1230
96550150	5	10-50 N·m	7-37 ft·lb	5 N·m	1 ft·lb	0.25 N·m	9x12	3/8	43	49.5	36	59.5	390.5	308.5	28	1365

725QR VDE VDE QuickRelease ratchet insert tool

QR

- reversible
- with QuickRelease safety lock
- 30 teeth
- Chrome-Alloy-Steel, chrome plated
- VDE insulated up to 1000 V
- DIN EN 60900
- AC/1000 V
- exclusively for MANOSKOP® 730 VDE

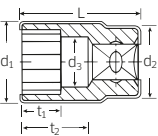


Code	"	mm	b mm	h mm	L mm	Δg g
58253105	3/8	9x12	43	70.5	65.5	220

12171 VDE VDE sockets 3/8"

AS HPQ

HPQ® high performance steel, chrome plated; VDE insulated up to 1000 V; DIN EN 60900; AC/1000 V



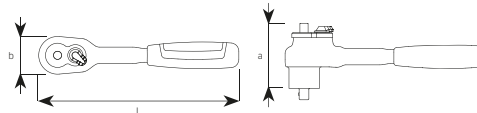
Code	mm	d ₁ mm	d ₂ mm	d ₃ mm	L mm	t ₁ mm	t ₂ mm	Δg g	
02380007	7	15.5	21.5	6	42	6	12.5	24	1
02380008	8	16.7	21.5	7	43	7	13.5	26	1
02380009	9	18	21.5	8	43	7	13.5	28	1
02380010	10	19.3	21.5	9	45	8.5	15.5	28	1
02380011	11	20.6	21.5	10	45	8.5	13.7	32	1
02380012	12	21.9	22.5	11	46	9.5	14.4	36	1
02380013	13	23	22.5	12	48	11.5	16.1	36	1
02380014	14	24.4	22.5	13	48	11.5	15.8	40	1
02380016	16	26.7	24	15	49	13.5	18.9	48	1
02380017	17	28	24	16	49	12.5	18.6	54	1
02380018	18	29.2	24	17	50	13.5	19.3	58	1
02380019	19	30.2	24	18	50	13.5	19	62	1
02380020	20	31.2	25	19	52	15.5	20.7	68	1
02380022	22	33.7	26	21	53	17	21.2	78	1

12165 VDE VDE QuickRelease fine-tooth ratchet 3/8"

QR FGD



- reversible
- 80 teeth
- with double-insulated plastic sleeve against high voltages
- with QuickRelease safety lock and 2-component handle
- for use in confined spaces
- re-engages after movement of 4.5°
- construction without screws prevents foreign object damage
- VDE insulated up to 1000 V
- DIN EN 60900
- AC/1000 V



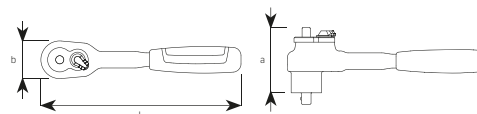
Code	b mm	a mm	L mm	Δg g
12430001	37	61	205	298

12173 VDE VDE QuickRelease fine-tooth ratchet 1/2"

QR FGD



- reversible
- 80 teeth
- with double-insulated plastic sleeve against high voltages
- with QuickRelease safety lock and 2-component handle
- for use in confined spaces
- re-engages after movement of 4.5°
- construction without screws prevents foreign object damage
- VDE insulated up to 1000 V
- DIN EN 60900
- AC/1000 V



Code	b mm	a mm	L mm	Δg g
13430001	48	69	265	656