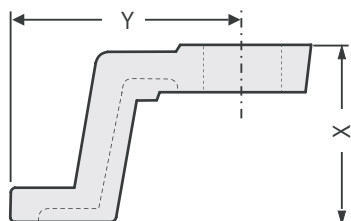
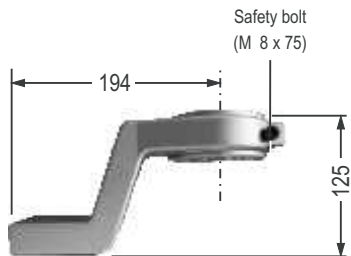
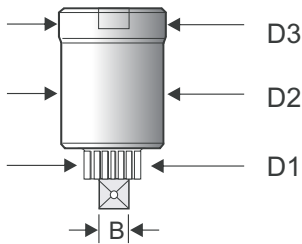
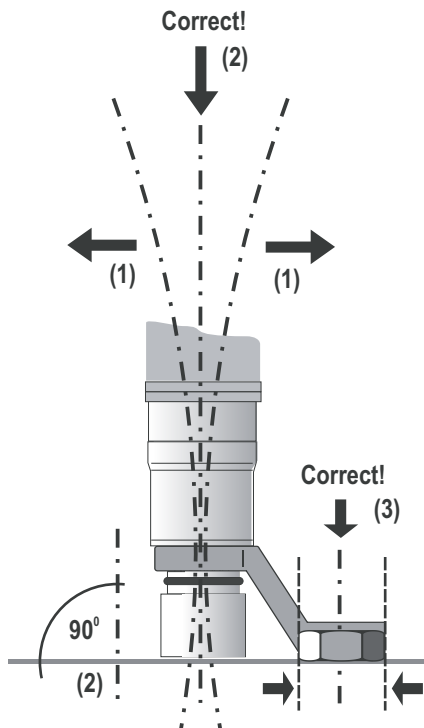


Correlation

Torque - Power Gear - DMA



Alkitronic-torque tools with high torques

General Features

Risks of breakage of the square drive resp. the DMA can be minimized decisively when handling the torque tool correctly:

- Screwing **perpendicular** to the screw axis (2)
- Safe and stable absorption of the reaction moment (3)

Important!

When the tool is being strongly loaded due to bending- or shearing forces (1), even with low torques a breakage of the square drive (B) can be the consequence!

Use of the DMA

DMA-Alu advantage: Less weight in comparison with the DMA in the steel version. Application preferably with $M_D < 2500$ Nm

Note!

If the DMA is continuously loaded with maximum torque we recommend the steel version

e.g. **alkitronic**-torque tools with M_D up to 3000 Nm / 2200 ft.lbs: Torque / Drive (B) / DMA (torque sensor)

Maximum torque	Nm	3000	3000	3000/5000
	ft.lbs	2200	2200	2200/3680
Square drive	B	1"	1"	1 1/2"
Diameter D_1	approx. mm	54	72	72
Diameter D_2	approx. mm	85	98	98
Diameter D_3	approx. mm	88	98	98
DMA-Alu (Type)		----	10254	10254
DMA-Steel (Type)		10253	10255*	10255*

*Alternatively: DMA in steel version

alkitronic® - DMA

Order No.:

DMA-Alu	B = 1" or 1 1/2", D1 = 72mm	Ref. No. 10254
DMA-Steel	B = 1" or 1 1/2", D1 = 72mm	Ref. No. 10255
DMA-Steel	B = 1", D1 = 54mm	Ref. No. 10253

DMA-Alu (DMA 10254):

- Special aluminium alloy version (lost-wax casting)
- for drive 1" and 1 1/2", D1 = 72mm
- for idling torque tools up to maximum 3000 Nm
- suitable for 1" Staco (with 1 1/2" Staco - not shatter-proof!)
- Weight: 1,6 kg

DMA-Steel (DMA 10255):

- Highly stressable steel alloy version
- for drive 1" and 1 1/2", D1 = 72mm, $M_D > 3000$ Nm
- Dimensions: Y = 220 mm - X = 156 mm

DMA-Steel (DMA 10253 - strengthened version):

- Highly stressable steel alloy version
- for drive 1", D1 = 54 mm, $M_D > 2000$ Nm
- Dimensions: Y = 150 mm - X = 115 mm