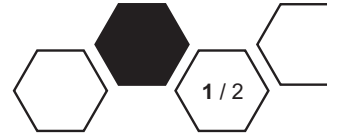


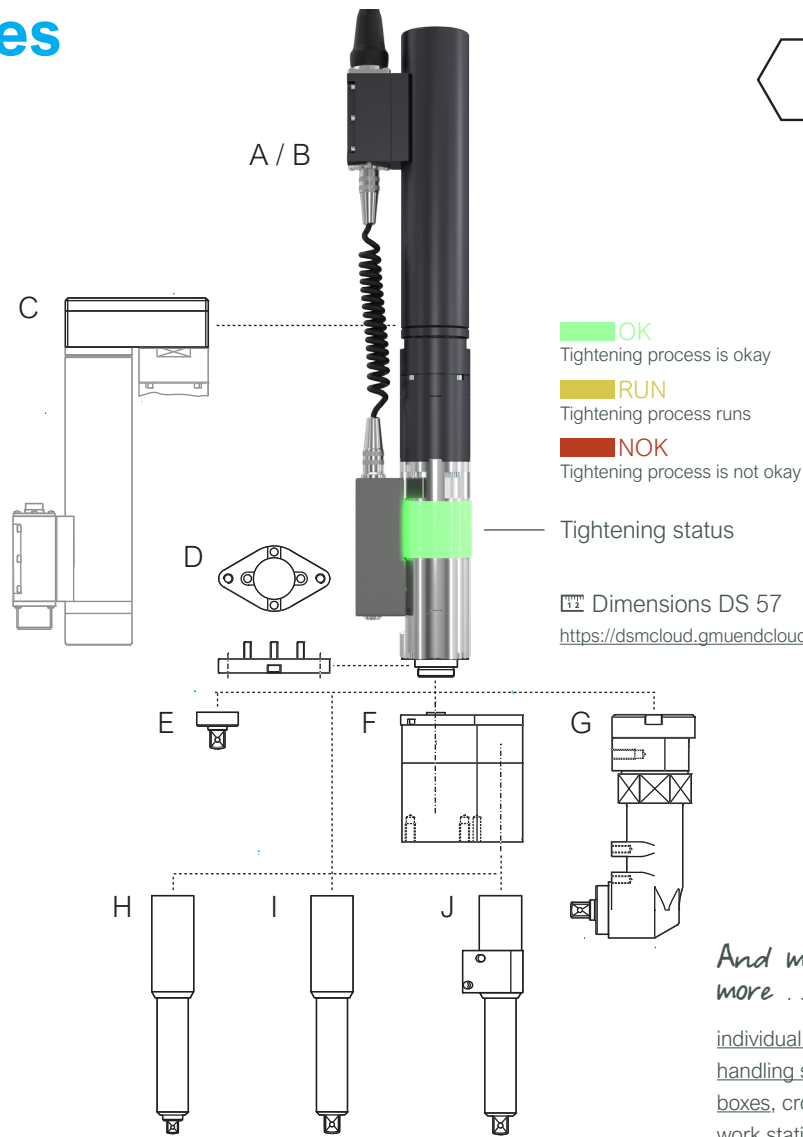
# DS 57 series



*MDW or SA ...*

EC nutrunners with or without torque transducer for tightening and loosening screws, nuts and related fastening elements – depending on the requirements for the torque accuracy of your screw connection.

The control system MultiPro 3G controls, monitors and checks the tightening process.



**Dimensions DS 57**  
<https://dsmcloud.gmuendcloud.de/url/dsseries>

*And much more ...*

individual technical solutions,  
handling systems, tool change boxes, crow feet as well as work stations.

## A DS 57 MDW with torque transducer

Type	Max. torque	Application area	Max. speed	Angle resolution	Article number
DS 57 / 25 MDW	25 Nm	5 - 25 Nm	650 rpm	0,1 °	DS-2570025
DS 57 / 50 MDW	50 Nm	10 - 50 Nm	800 rpm	0,1 °	DS-2570050
DS 57 / 70 MDW	70 Nm	14 - 70 Nm	800 rpm	0,1 °	DS-2570070
DS 57 / 90 MDW	90 Nm	18 - 90 Nm	430 rpm	0,1 °	DS-2570090
DS 57 / 140 MDW	140 Nm	28 - 140 Nm	430 rpm	0,1 °	DS-2570140

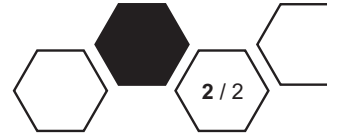
Torque accuracy 0,5 %, torque tolerance better 5 % according to ISO 5393

## B DS 57 SA without torque transducer (current controlled)

Type	Max. torque	Application area	Max. speed	Angle resolution	Article number
DS 57 / 25 SA	25 Nm	5 - 25 Nm	650 rpm	4,5 °	DS-2571025
DS 57 / 50 SA	50 Nm	10 - 50 Nm	800 rpm	4,5 °	DS-2571050
DS 57 / 70 SA	70 Nm	14 - 70 Nm	800 rpm	2,2 °	DS-2571070
DS 57 / 140 SA	140 Nm	28 - 140 Nm	430 rpm	1,2 °	DS-2571140

Torque accuracy depends on the adjustment of the nutrunner

# DS 57 series



## C Motor offset

Type	Article number
Motor offset V2	DS-2573010

## E Stump output

Type	Article number
Stump output ST, square drive 1/2"	DS-2573020

## G Angle head 1/2" (max. 130 Nm)

Type	Article number
WA (1/2") Angle head	DS-2573015

## H Spring output, square drive 3/8" (max. 50 Nm)

Type	Article number
Spring output 50 mm	DS-2573030
Spring output 100 mm	DS-2573040

## J Spring output 50 mm with self start initiator

Type	Article number
Spring output, square 1/2" with self start INI	DS-2573045
Spring output, square 3/8" with self start INI	DS-2573050

## D Mounting flange

Type	Article number
Mounting flange*	DS-2573000

\* Not compatible with the variant output offset (F) and angle head (G)

## F Output offset

Type	Article number
Output offset V1	DS-2573005

Nutrunner MDW / SA	Max. speed
DS 57 / 50 WA	760 rpm
DS 57 / 70 WA	760 rpm
DS 57 / 140 WA	400 rpm

Torque tolerance better 8 % acc. to ISO 5393

## I Spring output, square drive 1/2"

Type	Article number
Spring output 50 mm	DS-2573025
Spring output 100 mm	DS-2573035