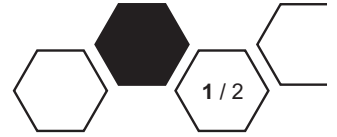


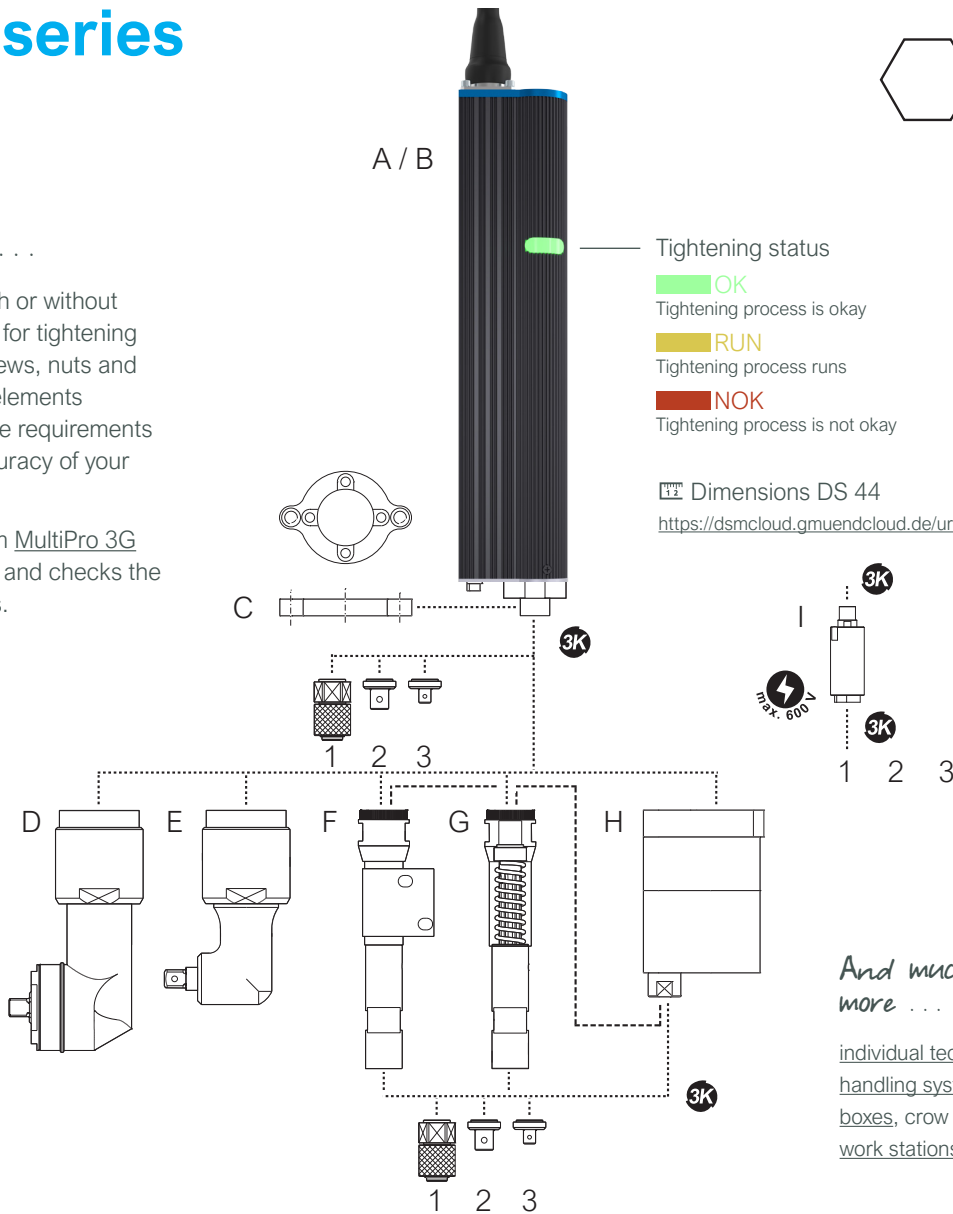
# DS 44 series



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.



*And much more ...*

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

## A DS 44 MDW with torque transducer

Type	Max. torque	Application area	Max. speed	Angle resolution	Article number
DS 44 / 025 MDW	2,5 Nm	0,5 - 2,5 Nm	1300 rpm	0,1 °	DS-2440025
DS 44 / 05 MDW	5 Nm	1 - 5 Nm	1300 rpm	0,1 °	DS-2440050
DS 44 / 10 MDW	10 Nm	2 - 10 Nm	900 rpm	0,1 °	DS-2440100
DS 44 / 20 MDW	20 Nm	4 - 20 Nm	530 rpm	0,1 °	DS-2440200
DS 44 / 35 MDW	35 Nm	7 - 35 Nm	480 rpm	0,1 °	DS-2440350

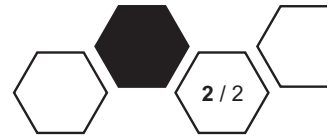
Torque accuracy 0,5 %, torque tolerance better 5 % according to ISO 5393

## B DS 44 SA without torque transducer (current controlled)

Type	Max. torque	Application area	Max. speed	Angle resolution	Article number
DS 44 / 05 SA	5 Nm	1 - 5 Nm	1300 rpm	3,3 °	DS-2441050
DS 44 / 10 SA	10 Nm	2 - 10 Nm	900 rpm	2,3 °	DS-2441100
DS 44 / 20 SA	20 Nm	4 - 20 Nm	530 rpm	1,4 °	DS-2441200
DS 44 / 35 SA	35 Nm	7 - 35 Nm	480 rpm	1,0 °	DS-2441350

Torque accuracy depends on the adjustment of the nutrunner

# DS 44 series



## C Mounting flange

Type	Article number
Mounting flange	DS-2443000
Mounting flange for angle head	DS-2443002

## E Angle head 3/8" (max. 20 Nm)

Type	Article number
WA 20 (3/8") Angle head	DS-2443015

## F Spring output with self start initiator

Type	Article number
Spring output (30 mm) with self start INI	DS-2403035
Spring output (50 mm) with self start INI	DS-2403040

## H Output unit with galvanic isolation

Type	Article number
Output unit 3K-GT-3K	DS-2403730
In: DSM 3K	
Out: DSM 3K	

## 1 Hexagonal quick release element D6,3

Type	Article number
Bit shaft precision-guide 13 mm	DS-2403705
Bit shaft precision-guide 24 mm	DS-2403710

## 2 Square drive 3/8"

Type	Article number
Square drive 3/8"	DS-2403720

## D Angle head 3/8" (max. 40 Nm)

Type	Article number
WA 40 (3/8") Angle head	DS-2443020

Nutrunner MDW / SA	Max. speed
DS 44 / 025 -WA 20	620 rpm
DS 44 / 05 -WA 20	620 rpm
DS 44 / 10 -WA 20	370 rpm
DS 44 / 20 -WA 20	370 rpm
DS 44 / 35 -WA 40	250 rpm

Torque tolerance better 8 % acc. to ISO 5393

## G Spring output

Type	Article number
Spring output 30 mm	DS-2403025
Spring output 50 mm	DS-2403030

### FACT: Galvanic isolation

The output unit „GT“ is used for the electrical separation between nutrunner and screw location. By using an output unit that acts as an isolator it is not possible for the charge carrier in the circuit to pass from one circuit to the other because the conductive, electrical connection does not exist and therefore no current can flow through.

## 3 Square drive 1/4"

Type	Article number
Square drive 1/4"	DS-2403715