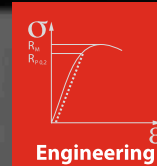


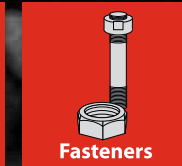
**NEW**



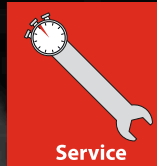
Tools



Engineering



Fasteners



Service

### ITH ADS 4

ITH Battery Nut Runner

[www.ITH.com](http://www.ITH.com)



SCAN ME

# Type ADS 4 Battery Nut Runner



## Features

Bolting data and machine settings directly on the ADS:

- ✓ Input of torque and angle of rotation
- ✓ Selection of unit
- ✓ Setting of standby and free turning time
- ✓ Setting of brightness of LCD color display and LED work lights
- ✓ Display of cycle counter and software version

**See more product details and videos on our website:**

Simply scan the QR code with your smartphone.



## Application examples

### Battery Nut Runner

# Type ADS 4

### Functions & advantages

- ✓ **New:** compact high-performance planetary gearbox with higher speeds for faster work
- ✓ **New:** 1-gear solution, full power spectrum across the entire torque range
- ✓ **New:** bolting data and machine settings directly on the ADS 4 via a color LCD display with OK and n.OK indicator
- ✓ Automatic shut-off and free-turn: After reaching torque, the ADS 4 stops automatically and turns freely
- ✓ Torque accuracy of  $\pm 3\%$ \*
- ✓ Flexible, even faster and easier to use without cables
- ✓ Expandable application possibilities thanks to customized supports, ITH Extensions and ITH Side-drives
- ✓ Choice of batteries (LiHD) according to your requirements: 5.5 Ah or 8.0 Ah. The ITH ADS 4 is officially part of the Cordless Alliance System CAS



\* Under comparable bolting conditions \*\*Not combinable with option Basic

### Options:



**Basic:** One or more preset torques as factory setting



**ALPHA:** Angle-controlled tightening\*\*



**Docu:** With ITH documentation software Docu (incl. ALPHA option)\*\*



# Type ADS 4 Battery Nut Runner



**New, compact high-performance planetary gearbox**

**Fine-tooth spline**  
for individual 360° adjustment of the reaction arm

**Square drive**  
for individual power wrench sockets including locking clip

**Quick release mechanism**  
allows the support to be changed or repositioned in seconds without the need for tools

**Setting buttons on the LCD color display**  
for bolting data and machine settings

**LED lights**  
as work light and indicator light

**Safety turning knuckle**  
wrist-friendly, simple and quick positioning in 360°

**1-gear solution**  
full power spectrum across the entire torque range

**Powerful drive unit**  
brushless, low-wear design for longer life

**Directional switch**  
for Loosen / Tighten

**On / Off switch**  
ergonomically positioned

**Pistol grip**  
non-slip



Picture: ADS 4 with optional accessories

# Type ADS 4 **Technical data**



## Technical data

ITH type	ITH order no.	Max. torque		Max. rpm	Square-drive A	Gearbox diameter d		Length l		Weight*	
		[Nm]	[ft·lbs]	[R/min]	["]	[mm]	["]	[mm]	["]	[kg]	[lbs]
<b>ADS50-4</b>	24.312.0050-y	500	370	35	3/4	55	2.2	242	9.5	3.5	7.7
<b>ADS100-4</b>	24.312.0100-y	1,000	740	13	3/4 or 1	70	2.8	270	10.6	3.9	8.6
<b>ADS150-4</b>	24.312.0150-y	1,500	1,110	8.2	1	70	2.8	297	11.7	4.2	9.3
<b>ADS230-4</b>	24.312.0230-y	2,300	1,700	6.5	1	72	2.8	303	11.9	4.5	9.9
<b>ADS320-4</b>	24.312.0320-y	3,200	2,360	4.5	1	79	3.1	319	12.6	5.6	12.3
<b>ADS470-4</b>	24.312.0470-y	4,700	3,470	3.2	1 1/2	90	3.5	337	13.3	8.8	19.4
<b>ADS700-4</b>	24.312.0700-y	7,000	5,160	2.3	1 1/2	96.5	3.8	364	14.3	9.2	20.3

ADS 4: y = 0  
ADS 4 with Option ALPHA: y = 1  
ADS 4 Basic: y = 3

\*Weight without support and battery

## Scope of delivery

The scope of delivery can be customized.

Standard:

- ITH Nut Runner
- Support
- LiHD batteries (2 pieces)
- Quick charging station
- Operating instructions incl. calibration certificate

More options:

- Hard case or plastic case
- Smart Control
- Power wrench socket
- Additional LiHD battery
- ...

Picture with optional accessories.

# Accessories

## Supports, Extensions and Side-drives

**Support type ATS**  
curved for wheel bolts,  
(adjustable)

**Support type ATS**  
square-drive,  
(adjustable)

**Support type ATS**  
inner hexagon,  
(adjustable)

**Support type ATS**  
outer hexagon,  
(adjustable)

**Customized**  
individual supports  
possible

**Supports**  
standard and custom-  
ized supports

**Side-drive type ST**  
for axial limited spaces  
or long projecting  
threads

**Extension type TE**  
for radial limited  
spaces



# Type ADS 4 Documentation

100 % Traceability

## Documentation of torque values and rotation angles

ITH documentation software Docu offers easy digital management and data logging of all bolting job parameters such as:

- ✓ Torque and angle of rotation (option ALPHA)
- ✓ Bolt dimension and bolt quality
- ✓ Application, bolt or worker identification numbers
- ✓ Creation of Excel- or PDF reports
- ✓ Docu-Software usable on Windows devices

### Process:

1. Create a bolting job
2. Data transfer to the ITH ADS 4 by wireless Bluetooth connection
3. Start the job
4. Save the results
5. Data read-out and automatic creation of reports



### Functions of the Docu-Software:

Scan the QR code and watch the demo video on your smartphone.



