

Adjustable Torque Screwdriver – AMRD / BMRD



Fig.: AMRD4CN

Micrometer Adjustable Torque Screwdriver for Small Screws (M1-M2)

Tohnichi's AMRD/BMRD series torque screwdriver provides same features as series RTD, except designed for tightening small screws. Thereby this model is ideal for assembly of watches, precision electronic equipment, computer, etc.

Via micrometer scale torque can easily and quickly be adjusted. Index finger holding feature allows the operator to tighten with precise movements. Upon reaching the set torque, it clicks to signal tightening is complete. Integrated rotary clutch mechanism reliably prevents over-torque.

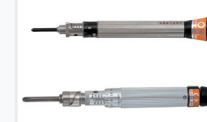
Rotary Slip Clutch

A noticeable "slip shake" signals the completion of the tightening process when the set torque is reached. The operator cannot over-torque. The rotary slip clutch releases automatically when desired torque has been achieved.

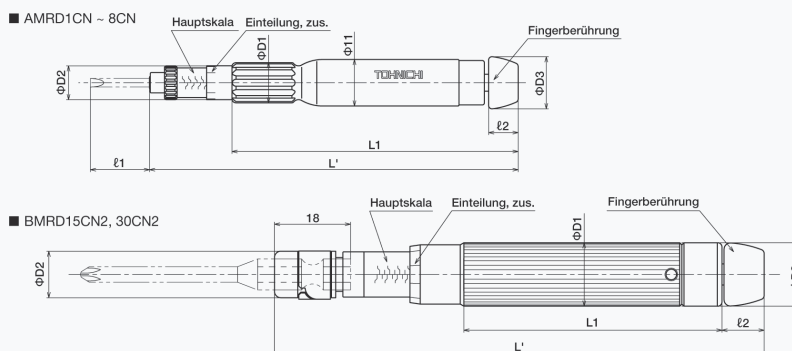
- Rotary clutch prevents over-torque.
- Micrometer scale engraved.
- Accuracy and calibration compliant to ISO 6789 type II class D.
- Clockwise direction.
- Rotary click signal.
- Series BMRD with 1/4" female hexagon for insert bits acc. DIN 3126 E 6,3.
- Traceable Calibration Certificate (ISO/JIS).

Options

- Optionally available in metric (gf-cm) or in english units (lbf-in bzw. ozf-in).
- Counterclockwise tightening model available on request.



Alternative: series "AMLD/BMLD" without slip clutch, but clear 'click' signal.



AMRD

Model	Item No.	Torque Range* cN-m	Grad. cN-m	Applicable Screws		Dimensions [mm]						Weight kg	Bit-Insert		
				small	tapping	L'	L1	L2	$\phi D1$	$\phi D2$	$\phi D3$				
AMRD 1 CN	T202055	0.3 - 1	0.01	–	–	93	72	8	10	8	13	0.03	$\phi 2$		
AMRD 2 CN	T202057	0.5 - 2	0.025	M1	–	93	72	8	10	8	13	0.03	$\phi 2$		
AMRD 4 CN	T202060	1 - 4	0.05	(M1,1)	M1,2	M1	93	72	8	10	8	13	0.03	$\phi 2$	
AMRD 8 CN	T202063	2 - 8	0.1	(M1,4)	M1,6	(M1,1)	M1,2	93	72	8	10	8	13	0.03	$\phi 2$

BMRD

Model	Item No.	Torque Range* cN-m	Grad. cN-m	Applicable Screws		Dimensions [mm]						Weight kg	Hex inch	
				small	tapping	L'	L1	L2	$\phi D1$	$\phi D2$	$\phi D3$			
BMRD 15 CN2	T202066	3 - 15	0.1	(M1,8)	(M1,4)	M1,6	116	62	10	15	11	15	0.05	1/4
BMRD 30 CN2	T202069	10 - 30	0.2	M2 (M2,2)	(M1,8)	M2	116	62	10	15	11	15	0.05	1/4

