

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 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.

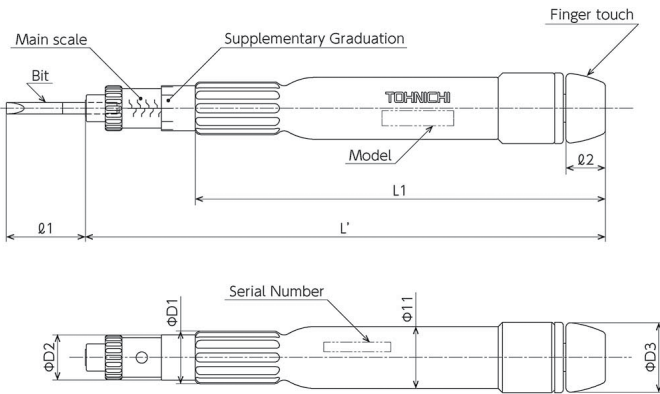
Accessories

- Special Bits for AMRD (Crossed #0, Slotted 0.15×1, 0.2×1.5, 0.3×3) are included.
- Standard Bits for BMRD are available separately (DIN 3126 E 6.3).

Rotary Slip Clutch

INFO

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.



AMRD

Model	Part No.	Torque Range * cN·m	Grad. cN·m	Applicable Screws		- Dimensions [mm] -						Weight kg	Bit-Insert
				small	tapping	L'	L1	l2	øD1	øD2	øD3		
AMRD 1 CN	T202055	0.3 - 1	0.01	-	-	93	72	8	10	8	13	0.03	ø2
AMRD 2 CN	T202057	0.5 - 2	0.025	M1	-	93	72	8	10	8	13	0.03	ø2
AMRD 4 CN	T202060	1 - 4	0.05	(M1,1) M1,2	M1	93	72	8	10	8	13	0.03	ø2
AMRD 8 CN	T202063	2 - 8	0.1	(M1,4) M1,6	(M1,1) M1,2	93	72	8	10	8	13	0.03	ø2

BMRD

Model	Part No.	Torque Range * cN·m	Grad. cN·m	Applicable Screws		- Dimensions [mm] -						Weight kg	Hex inch
				small	tapping	L'	L1	l2	øD1	øD2	øD3		
BMRD 15 CN2	T202066	3 - 15	0.1	(M1,8)	(M1,4) M1,6	116	62	10	15	11	15	0.05	¼
BMRD 30 CN2	T202069	10 - 30	0.2	M2 (M2,2)	(M1,8) M2	116	62	10	15	11	15	0.05	¼

* It is recommended to use in medium performance range (approx. 1/3 to 4/5 of rated capacity).
If you regularly worked close to the limit of load (maximum span value),
a larger model may be more convenient for the user.



Fig.: BMRD30CN2

E 6.3

- 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 imperial units (lbf·in bzw. ozf·in).
- Counterclockwise tightening model available on request.



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

