Your Torque Partner
TOHNICHI America

www.tohnichi.com

Torque Screwdriver

AMRD / BMRD Adjustable Type Torque Screwdriver

DIRECTION

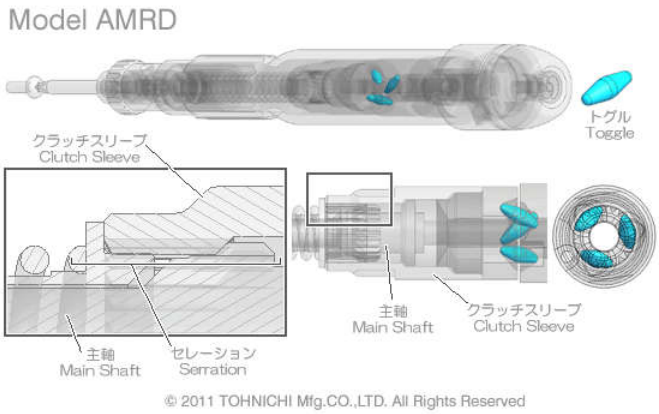
RoHS ASSEMBLY ADJUSTABLE ROTARY SLIP GRADUATION

Features

- Adjustable Torque Screwdriver for precision tightening of small screws (M1-M2).
- Easily set torque by twisting body to select torque value
- Rotary slip mechanism prevents over-torque.
  - User will sense and hear "click" at set torque and should stop turning. If user continues, the rotary slip mechanism will ratchet the driver without applying more torque.
- Tohnichi's toggle clutch torque mechanism creates enhanced durability and reliability
- Index finger holding feature allows the operator to tighten with precise movements.
- Tohnichi bit set included for AMRD models. BMRD accepts standard 1/4" hex root bits (sold separately)
- Included Certificate of Calibration
- Counterclockwise tightening model available upon request.
- Applicable for international use including the EU region. Compliant with calibration procedures of ISO 6789 Type II Class D.

AMRD4CN [Overall length 93 mm] *AMRD bits are included as a standard accessory.

BMRD30CN2 [Overall length 116 mm] *BMRD bits are sold separately.



The AMRD series is equipped with Tohnichi's own toggle mechanism for torque control.

Specifications

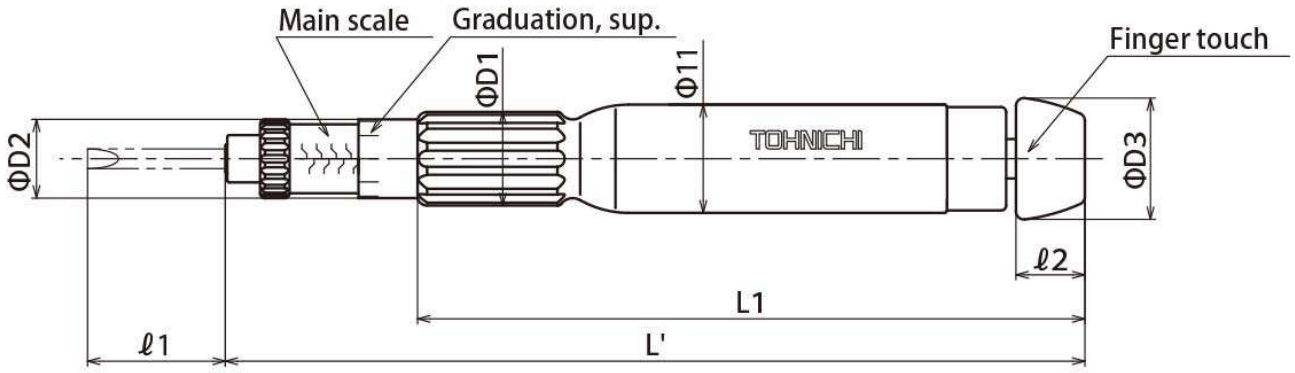
Accuracy ± 3%								
S.I. MODEL			**AMRD1CN**	**AMRD2CN**	**AMRD4CN**	**AMRD8CN**	**BMRD15CN2**	**BMRD30CN2**
TORQUE RANGE [cN • m]	**MIN.～MAX.**		0.3～1	0.5～2	1～4	2～8	2～15	4～30
	GRAD.		0.01	0.025	0.05	0.1		0.2
METRIC MODEL			**100AMRD**	**200AMRD**	**400AMRD**	**800AMRD**	**1.5BMRD2**	**3BMRD2**
TORQUE RANGE [gf • cm/kgf • cm]	**MIN.～MAX.**		gf • cm30～100	50～200	100～400	200～800	kgf • cm0.2～1.5	0.4～3
	GRAD.		gf • cm1	2.5	5	10	kgf • cm0.01	0.02
AMERICAN MODEL			—	**AMRD3Z**	**AMRD6Z**	**AMRD12Z**	**1.5BMRD2-A**	**3BMRD2-A**
TORQUE RANGE [ozf • in/lbf • in]	**MIN.～MAX.**		—	ozf • in 1～3	2～6	3～12	lbf • in0.2～1.5	0.4～3
	GRAD.		—	ozf • in 0.05	0.1	0.2	lbf • in0.005	0.01
APPLICABLE SCREW	**SMALL SCREW**		—	M1	(M1.1) M1.2	(M1.4) M1.6	(M1.8)	M2 (M2.2)
	TAPPING SCREW		—	—	M1	(M1.1) M1.2	(M1.4) M1.6	(M1.8) M2
DIMENSION [mm]	**OVERALL LENGTH**	**L'**	93				116	
	GRIP	**D1**	10				15	
	BODY	**D2**	8				11	
		D3	13				15	
		L1	72				62	
		ℓ1	14					
		ℓ2	8				10	
WEIGHT [kg]			0.03				0.05	
ACCESSORY BIT	**+**		#0					
	-thickness X width		0.15×1, 0.2×1.5, 0.3×2					

Notes

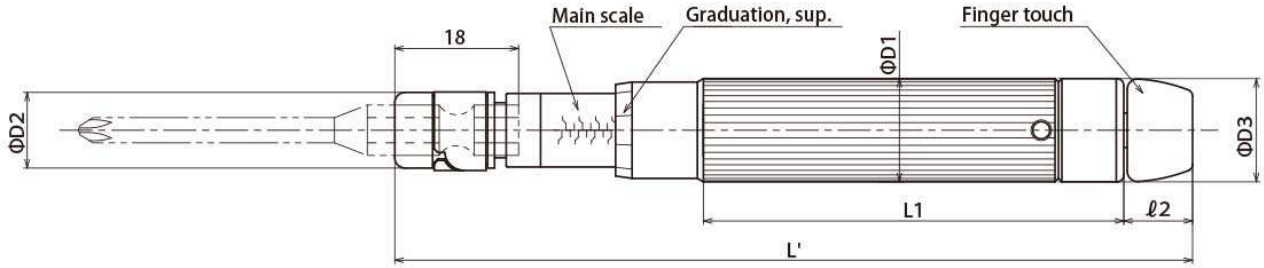
Bits for BMRD are sold separately.

Standard accessories
AMRD bits are included as standard accessories.

Dimensions



AMRD 1CN～8CN



BMRD15CN2, 30CN2

Accessories

Interchangeable Bit