

RDA Selection Guide for EZ-TorQ III

Joint Similitars for testing power torque tools

Mountz run down adapters (RDA) are designed to provide consistent and reliable torque readings for power-driven torque control tools. Run down adapters are used to simulate various joint characteristics and provide a more accurate torque reading during testing and calibration process.

Run down adapters are mounted in-line between the tool drive and the transducer of a torque analyzer or sensor, reducing the impact and irregular peaks that cause poor testing repeatability. Each RDA has an effective torque range and will supply repeatable torque data within that range if used correctly.

RDA units Supplied with EZ-TorQ III

TORQUE ANALYZER MODEL	TORQUE RANGE LBF.IN	DRIVE SIZE	Suggested RDA for Hard Joint				Suggested RDA for Soft Joint	
			RDA MODEL	TORQUE RANGE USAGE	RDA MODEL	TORQUE RANGE USAGE	RDA MODEL	TORQUE RANGE USAGE
EZ-TorQ III 1i	0.1–1	1/4" F/Sq	Screw RDA–M2Q	0.3–1 lbf.in	-----	-----	-----	-----
EZ-TorQ III 3i	0.3–3	1/4" F/Sq	Screw RDA–M2Q	0.3–3 lbf.in	-----	-----	RDA-S0	0.3–3 lbf.in
EZ-TorQ III 5i	0.5–5	1/4" F/Sq	Screw RDA–M3Q	0.5–5 lbf.in	-----	-----	RDA-S1.5	0.5–5 lbf.in
EZ-TorQ III 10i	1–10	17mm F/Hex	Screw RDA–M2	1–4 lbf.in	Screw RDA–M3	4–10 lbf.in	-----	-----
EZ-TorQ III 50i	5–50	17mm F/Hex	Screw RDA–M3	4–10 lbf.in	Screw RDA–M4	10–50 lbf.in	-----	-----
EZ-TorQ III 100i	10–100	17mm F/Hex	Screw RDA–M4	10–50 lbf.in	Screw RDA–M6	10–100 lbf.in	-----	-----
EZ-TorQ III 150i	15–150	17mm F/Hex	Screw RDA–M4	10–50 lbf.in	Screw RDA–M8	15–150 lbf.in	-----	-----
EZ-TorQ III 300i	30–300	17mm F/Hex	Screw RDA–M8	15–150 lbf.in	Screw RDA–M12	30–300 lbf.in	-----	-----



A run down adapter is required when testing power tools with the EZ-TorQ III.

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Optional RDA units to use with EZ-TorQ III

			Suggested RDA for Soft Joint					
TORQUE ANALYZER MODEL	TORQUE RANGE LBF.IN	DRIVE SIZE	RDA MODEL	TORQUE RANGE USAGE	RDA MODEL	TORQUE RANGE USAGE	RDA MODEL	TORQUE RANGE USAGE
EZ-TorQ III 1i	0.1-1	1/4" F/Sq	RDA-S0	0.3-1 lbf.in	-----	-----	-----	-----
EZ-TorQ III 3i	0.3-3	1/4" F/Sq	-----	-----	-----	-----	-----	-----
EZ-TorQ III 5i	0.5-5	1/4" F/Sq	RDA-S0	0.5-3 lbf.in	RDA-S10	1-5 lbf.in	-----	-----
EZ-TorQ III 10i	1-10	17mm F/Hex	RDA-S10	1-6.1 lbf.in	RDA-S15	2.1-10 lbf.in	-----	-----
EZ-TorQ III 50i	5-50	17mm F/Hex	RDA-S15	5-11.5 lbf.in	RDA-S75	6.9-50 lbf.in	-----	-----
EZ-TorQ III 100i	10-100	17mm F/Hex	RDA-S75	10-52.1 lbf.in	RDA-S200	15.6-100 lbf.in	-----	-----
EZ-TorQ III 150i	15-150	17mm F/Hex	RDA-S200	15.6-121.5 lbf.in	RDA-S400	48.6 - 150 lbf.in	-----	-----
EZ-TorQ III 300i	30-300	17mm F/Hex	RDA-S200	30-121.5 lbf.in	RDA-S400	48.6 - 286.4 lbf.in	RDA-S600	48.6-300 lbf.in



A run down adapter is required when testing power tools with the EZ-TorQ III.