

Torque Reaction Arms

Bench-Mounted Arms

Ingersoll Rand QTA bench-mounted torque reaction arms are constructed of lightweight aluminium and are available in a variety of torque capacities, ranging from 10 to 150 Nm. They include an Ingersoll Rand spring-loaded, die-cast aluminium balancer for impressive strength and reduced weight.

Floor mount position

The QTA150 can be easily configured as either a bench-mounted or floor-mounted torque arm, and reconfigured as the job demands.

Bench mount position

Spring balancer adjusts easily and offers effortless vertical movement.

Simple, proven design for trouble-free setup and dependability.

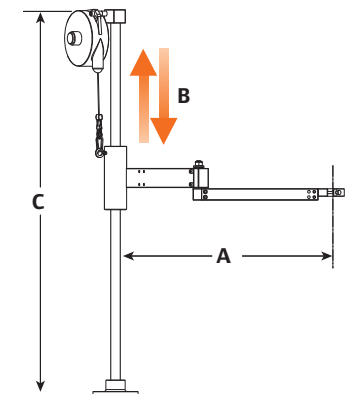
Anodised aluminium body delivers toughness in a lightweight design.

Multiple-tool holder options include right angle, swivel, and pistol grip. Custom tool holder options enable seamless integration with Ingersoll Rand QA and QE tools.

Chrome-plated pole paired with a self-lubricating bearing, provides unmatched durability.

QTA040

Cable or air line clamps keep work area clear and organized.



Arm Specifications

Part no.	Max. torque (Nm)	Tool weight (kg)	Dimensions (mm)		
			A	B	C
Bench-Mount Torque Arms					
QTA010	10	1.2	380	330	706
QTA020	20	2.3	508	368	808
QTA040	40	3.0	635	445	1008
QTA100	100	3.6	762	445	1008
QTA150	150	4.5	1321	559	2000

Bench-Mounted Arm Accessories



Inverse mounting kit



Upper pole clamp

Generic Clamp Style Tool Holders



Tool type	QTA010	QTA020	QTA040	QTA100
● Inline (included)	ITC010-1C	ITC040-1C	ITC040-1C	—
① Right Angle	ATC010-1C	ATC040-1C	ATC040-1C	ATC100-1C
② Pistol	PTC010-1C	PTC040-1C	PTC040-1C	—
③ Rotating	RTC010-1C	RTC040-1C	RTC040-1C	—
④ 1/4" NPT	NTC010-1T	—	—	—

Generic tool holders are available for arms up to 100 Nm (these arms are delivered with an inline tool holder as standard). Flange mounting is recommended for inline tools with torque capacity above 40 Nm. Please note the tool diameter range for generic holders: QTA010: 25 – 40 mm, QTA020 / QTA040 / QTA100: 28 – 52 mm.

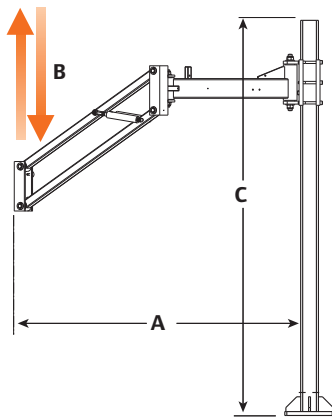
Torque arm accessories include inverse mounting kits to provide mounting to overhead structure and upper pole clamps that help limit travel of the bearing and add support to the top of the arm. Use the table below to select the proper accessory for each torque arm.

Accessory	Compatible torque arm			
	QTA010	QTA020	QTA040	QTA100
Inverse mounting kit	IMK010	IMK020	IMK100	IMK100
Upper pole clamp	PUC010	PUC020	PUC100	PUC100

Torque Reaction Arms

Floor-Mounted Arms

When high-torque fastening is required, Ingersoll Rand has two floor-mounted, air-enabled arms from which to choose, with 270 Nm and 475 Nm capacities.



Generous arm length makes QTA ideal for assembly line applications.

Adjustable height control delivers flexibility for virtually any application.



Arm Specifications

Part no.	Max. torque (Nm)	Tool weight (kg)	Dimensions (mm)		
			A	B	C
Floor-Mount Torque Arms					
QTA270	270	10	1524	477	2000
QTA475	475	23	2007	590	2000



Ingersoll Rand QA Series and QE Series Tool Holders for Bench- and Floor-mounted Arms

Tool type	QTA010	QTA020	QTA040	QTA100	QTA150	QTA270	QTA475
QE4 (non-push to start)	–	CTC040-K1B	CTC040-K1B	–	–	–	–
QE4 (push to start)	CTC040-K1P	CTC040-K1P	CTC040-K1P	–	–	–	–
QE6 (with bolt-on flange GEM120-K48 installed)	–	CTC040-K2B	CTC040-K2B	CTC100-K2B	–	–	–
QE8 (with bolt-on flange GEM120-K48 installed)	–	–	–	CTC100-K2B	CTC150-K2B	–	–
QE8 (with integrated flanged gear case)	–	–	–	CTC100-K3B	CTC150-K3B	CTC270-K3B	–
QE8 (230 Nm inline)	–	–	–	–	–	CTC270-K4B	–
QE8 (400 Nm angle)	–	–	–	–	–	–	CTC475-K5B
QA4 (27 Nm max inline) & QA6	–	CTC040-K1B	CTC040-K1B	CTC100-K1B	–	–	–
QA4 (46 Nm inline with GEM120-K48 flange)	–	–	–	CTC100-K2B	–	–	–
QA8 (max 150 Nm angle, max 55 Nm inline)	–	–	CTC040-K1B	CTC100-K1B	CTC150-K2B	–	–
QA8 (>150 Nm angle, >55 Nm inline)	–	–	–	CTC100-K2B	CTC150-K3B	CTC270-K3B	–

Note: Every Ingersoll Rand QE- or QA-specific tool holder listed in the table above accepts both angle and inline tools but requires an integrated flanged gear case or bolt-on mounting flange to attach the tool holder to the tool.

If your tool came with mounting style P (with letter "P" in the part number) order part no. 15E4-K48 for any Ingersoll Rand specific tool holder that ends with "1B". Order part no. GEM120-K48 for any Ingersoll Rand specific tool holder that ends with "2B".