

# TORQ/LITE

## IU-XL SERIES

### LOW-CLEARANCE WRENCH





Inline ratcheting wrenches require minimum clearance while applying torque on the same plane as the nut.

Our patented design reduced the dimensions of the inline ratcheting head, and now it fits almost any application.

IU-XL Series capacities range from 100 to 50,000 foot pounds of torque using a 10,000 p.s.i. hydraulic pump.

## INLINE DRIVE

Standard fractional head sizes from  $\frac{3}{4}$ " to  $7\frac{1}{4}$ " and 19mm to 185mm nuts across the flats. Special sizes are available, too. If you have an application you are unsure about, let us know. We can make it work.

## UNIBODY

The design of our wrenches has an inclusive body and cylinder unit. This makes it possible for more of our head sizes to work with more of our tools, giving you freedom in selecting your model. The cylinder is made of TL-T6 lightweight aircraft alloy. Durable, but not heavy.

**PATENTED**

## DRIVE PIN DESIGN

Reduces overall dimensions of hex head including a thinner "nose" radius. Fits more applications, including all 57 A.P.I. flanges. The spring retaining clip allows for quick and simple changing of the heads.

## MULTI-AXIS PORTING

The IU-XL Series tools are the first and only system that allows the swivels to be manually relocated from the top of the tool to the back of the tool using only hand tools.

## PISTON ROD

The slotted piston rod always maintains a 90° relationship between itself and the nut. This significantly increases the accuracy of the tool while simultaneously reducing the number of moving parts it has inside it.

**PATENTED**

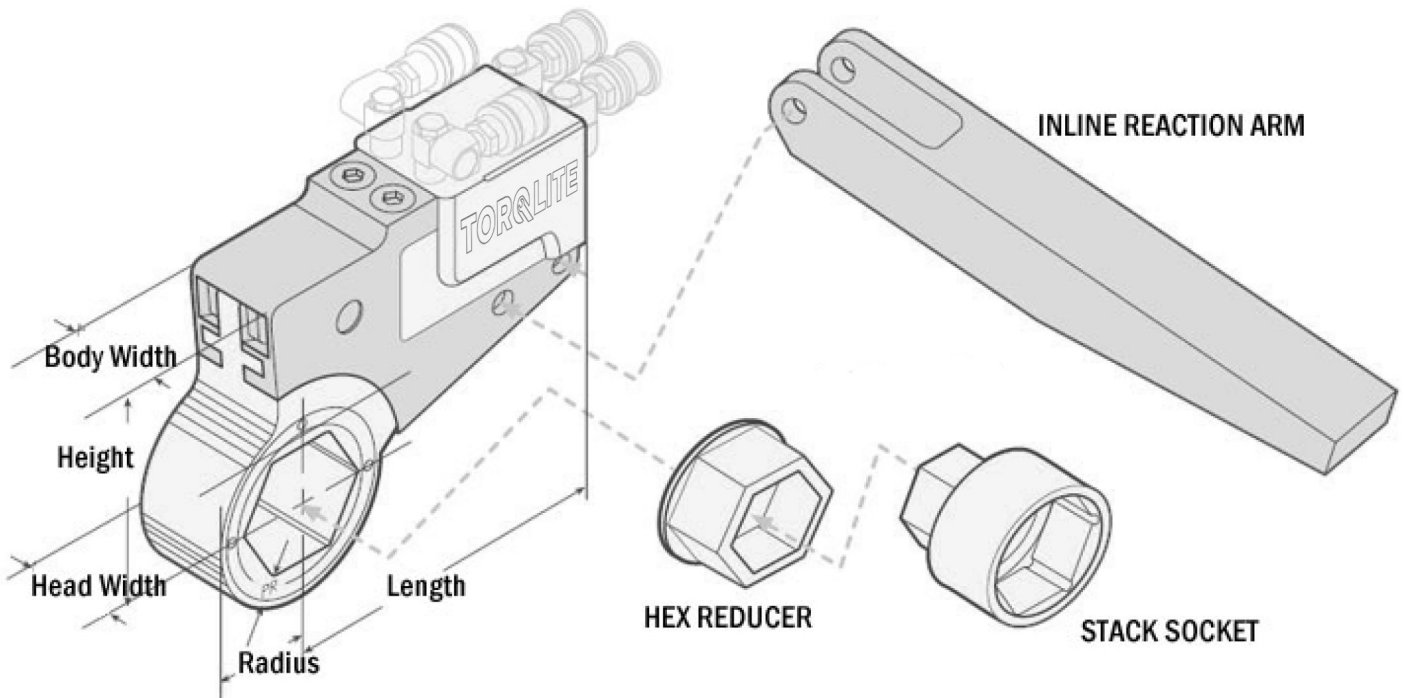
## 360° SWIVELS

Allows hose movement, without hose binding even under pressure. Nickel-plated steel quick connects, with fewer moving parts, moving in every direction you might need them to - a great improvement to other swivels in the industry.

## CALIBRATED

Every tool is tested and calibrated to +/- 0.03 accuracy and +/- 0.01 repeatability traceable to N.I.S.T. standards.





## IU-XL SERIES

IU-1XL  
IU-3XL  
IU-7XL  
IU-10XL  
IU-17XL  
IU-25XL  
IU-50XL

## MIN/MAX FT./LBS. @10,000 PSI

117/1,294  
294/3,074  
667/6,899  
990/9,900  
1,513/15,951  
2,260/23,620  
3,475/44,785

## MIN/MAX NM @700 BAR

159/1,754  
399/4,168  
904/9,354  
1,342/13,423  
2,051/21,627  
3,064/32,024  
4,711/60,720

LENGTH	HEIGHT	BODY WIDTH	HEAD WIDTH	RANGE	WEIGHT WITH HEAD
6.250"	4.000"	1.100"	.950"	$\frac{3}{4}$ " - 2"	7.25 lbs.
7.000"	5.750"	1.450"	1.200"	$1\frac{1}{4}$ " - $2\frac{5}{16}$ "	9.25 lbs.
9.250"	6.250"	1.500"	1.500"	2" - $3\frac{7}{8}$ "	14.00 lbs.
9.750"	8.000"	1.950"	1.950"	$2\frac{3}{8}$ " - $4\frac{1}{4}$ "	24.50 lbs.
11.250"	9.250"	1.950"	2.450"	$2\frac{3}{4}$ " - $5\frac{3}{8}$ "	42.00 lbs.
11.250"	9.250"	2.900"	2.950"	$3\frac{1}{2}$ " - $5\frac{3}{4}$ "	57.00 lbs.
15.375"	10.500"	2.900"	2.950"	$4\frac{5}{8}$ " - $7\frac{1}{4}$ "	85.00 lbs.





## HEADS

IU-1XL HEADS			IU-3XL HEADS			IU-7XL HEADS			IU-10XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
3/4"	1.07"	0.41"	1-1/4"	1.38"	0.35"	2"	1.80"	0.47"	2-3/8"	2.02"	0.45"
1-1/16"	1.18"	0.34"	1-7/16"	1.46"	0.35"	2-3/16"	1.88"	0.47"	2-9/16"	2.15"	0.47"
1-1/4"	1.29"	0.34"	1-5/8"	1.57"	0.35"	2-3/8"	2.02"	0.47"	2-3/4"	2.40"	0.55"
1-7/16"	1.40"	0.34"	1-13/16"	1.70"	0.40"	2-9/16"	2.15"	0.47"	2-15/16"	2.55"	0.50"
1-5/8"	1.51"	0.34"	1-7/8"	1.79"	0.46"	2-3/4"	2.40"	0.55"	3-1/8"	2.62"	0.55"
1-13/16"	1.61"	0.34"	2"	1.79"	0.40"	2-15/16"	2.55"	0.50"	3-1/2"	2.85"	0.85"
2"	1.72"	0.34"	2-3/16"	1.90"	0.40"	3-1/8"	2.62"	0.55"	3-7/8"	3.07"	0.85"
			2-3/8"	1.97"	0.40"	3-1/2"	2.85"	0.63"	4-1/4"	3.26"	0.85"
			2-9/16"	2.12"	0.46"	3-7/8"	3.04"	0.60"			
			2-3/4"	2.24"	0.46"						
			2-15/16"	2.36"	0.46"						

IU-17XL HEADS			IU-25XL HEADS			IU-50XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
2-3/4"	2.50"	0.90"	3-1/2"	2.90"	0.87"	4-5/8"	3.92"	1.25"
2-15/16"	2.62"	0.90"	3-7/8"	3.18"	0.95"	5"	4.13"	1.25"
3-1/8"	2.70"	0.90"	4-1/4"	3.35"	0.90"	5-3/8"	4.35"	1.25"
3-1/2"	2.90"	0.90"	4-5/8"	3.58"	0.90"	5-3/4"	4.57"	1.25"
3-7/8"	3.18"	0.95"	5"	3.85"	0.96"	6-1/8"	4.78"	1.25"
4-1/4"	3.35"	0.96"	5-3/8"	4.10"	1.00"	6-1/2"	5.00"	1.25"
4-5/8"	3.58"	0.96"	5-3/4"	4.32"	1.02"	6-7/8"	5.22"	1.25"
5"	3.90"	1.00"				7-1/4"	5.43"	1.25"
5-3/8"	4.10"	1.00"						





## HEADS

IU-1XL HEADS			IU-3XL HEADS			IU-7XL HEADS			IU-10XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
19mm	27mm	10mm	32mm	35mm	9mm	51mm	46mm	12mm	60mm	51mm	11mm
27mm	30mm	9mm	37mm	37mm	9mm	56mm	48mm	12mm	65mm	55mm	12mm
32mm	33mm	9mm	41mm	40mm	9mm	60mm	51mm	12mm	70mm	61mm	14mm
37mm	36mm	9mm	46mm	43mm	10mm	65mm	55mm	12mm	75mm	65mm	13mm
41mm	38mm	9mm	48mm	45mm	12mm	70mm	61mm	14mm	76mm	67mm	16mm
46mm	41mm	9mm	51mm	45mm	10mm	75mm	65mm	13mm	86mm	72mm	24mm
51mm	44mm	9mm	56mm	48mm	10mm	76mm	67mm	16mm	95mm	78mm	24mm
			60mm	50mm	10mm	86mm	72mm	16mm	105mm	83mm	24mm
			65mm	54mm	12mm	95mm	77mm	16mm			
			70mm	57mm	12mm						
			75mm	60mm	12mm						

IU-17XL HEADS			IU-25XL HEADS			IU-50XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
70mm	64mm	23mm	86mm	74mm	24mm	115mm	100mm	33mm
75mm	67mm	23mm	95mm	81mm	26mm	125mm	105mm	33mm
76mm	69mm	25mm	105mm	85mm	25mm	135mm	110mm	33mm
86mm	74mm	25mm	115mm	91mm	25mm	145mm	116mm	32mm
95mm	81mm	26mm	125mm	98mm	25mm	155mm	121mm	32mm
105mm	85mm	26mm	135mm	104mm	26mm	165mm	127mm	32mm
115mm	91mm	26mm	145mm	110mm	28mm	175mm	133mm	32mm
125mm	99mm	26mm				185mm	138mm	32mm
135mm	104mm	26mm						

