

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

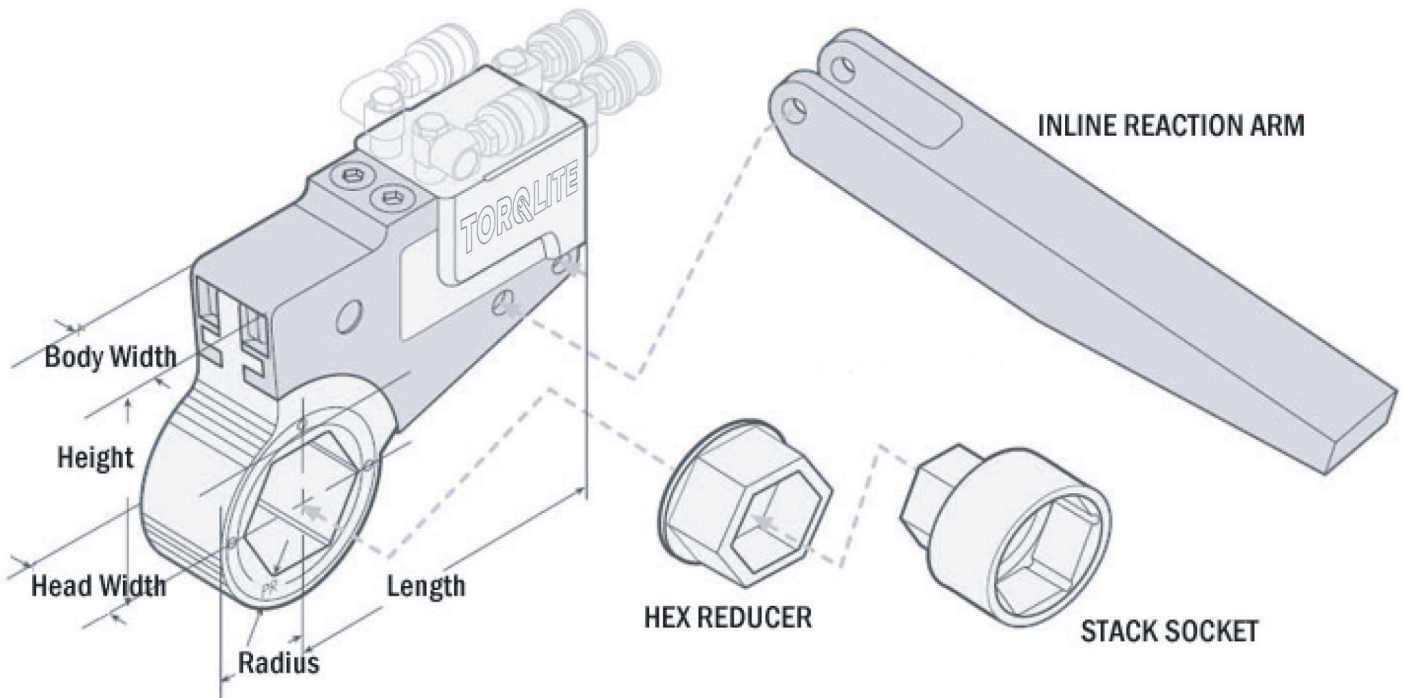
360° SWIVELS

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	50mm	46mm	12mm	60mm	51mm	11mm
30mm	30mm	9mm	36mm	37mm	9mm	55mm	48mm	12mm	65mm	55mm	12mm
32mm	33mm	9mm	41mm	40mm	9mm	60mm	51mm	12mm	70mm	61mm	14mm
36mm	36mm	9mm	46mm	43mm	10mm	65mm	55mm	12mm	75mm	65mm	13mm
38mm	36mm	9mm	50mm	45mm	10mm	70mm	61mm	14mm	80mm	67mm	16mm
41mm	38mm	9mm	55mm	48mm	10mm	75mm	65mm	13mm	85mm	72mm	24mm
46mm	41mm	9mm	60mm	50mm	10mm	80mm	67mm	16mm	90mm	75mm	24mm
50mm	44mm	9mm	65mm	54mm	12mm	85mm	72mm	16mm	95mm	78mm	24mm
			70mm	57mm	12mm	90mm	75mm	16mm	100mm	80mm	24mm
			75mm	60mm	12mm	95mm	77mm	16mm	105mm	83mm	24mm

IU-17XL HEADS			IU-25XL HEADS			IU-50XL HEADS		
ATF	RADIUS	P/R	ATF	RADIUS	P/R	ATF	RADIUS	P/R
70mm	64mm	23mm	85mm	74mm	24mm	115mm	100mm	33mm
75mm	67mm	23mm	90mm	77mm	25mm	120mm	102mm	33mm
80mm	69mm	25mm	95mm	81mm	26mm	123mm	103mm	33mm
85mm	74mm	25mm	100mm	83mm	25mm	125mm	105mm	33mm
90mm	77mm	25mm	105mm	85mm	25mm	130mm	108mm	33mm
95mm	81mm	26mm	110mm	88mm	25mm	135mm	110mm	33mm
100mm	83mm	26mm	115mm	91mm	25mm	140mm	113mm	33mm
105mm	85mm	26mm	120mm	95mm	25mm	145mm	116mm	32mm
110mm	88mm	26mm	123mm	96mm	25mm	150mm	119mm	32mm
115mm	91mm	26mm	125mm	98mm	25mm	151mm	119mm	32mm
120mm	95mm	26mm	130mm	101mm	25mm	155mm	121mm	32mm
123mm	98mm	26mm	135mm	104mm	26mm	160mm	124mm	32mm
125mm	99mm	26mm	140mm	107mm	27mm	165mm	127mm	32mm
130mm	102mm	26mm	145mm	110mm	28mm	170mm	130mm	32mm
135mm	104mm	26mm				175mm	133mm	32mm
						185mm	138mm	32mm

