

*The World's Most Trusted Industrial Bolting Systems*

# ICE™ Series

**3-in-1 Industrial Bolting System**

## 45 Years of Innovation

The ICE series, a compact bolting system with endless capabilities.



### **WORLD'S FIRST**

#### **Auto-Release Bolting System**

The ICE releases pressure after bolting for quick and easy movement from nut to nut and increased operator safety.

#### **Total-Freedom Uniswivel**

The ICE is the world's only hydraulic bolting system that allows for positioning without the constraints normally associated with hydraulic hoses.

#### **Multi-Use System**

The ICE works with all HYTORC bolting systems including tensioning with the HYTORC Nut and the revolutionary new HYTORC Washer.

#### **Tool Longevity**

The co-axial drive eliminates the majority of stress from the tool housing and internals for added durability and tool longevity.

#### **Break-Out Assist**

Prevents the ratchet from backward movement, ensuring quick and powerful break-out even on damaged or corroded nuts and bolts.



For critical applications or those with minimal clearance, the ICE and the HYTORC Nut provide the industry's most accurate solution.



When used with the HYTORC advanced tensioning systems, the ICE eliminates external reaction and becomes easier to operate for added safety and speed.



**Contact HYTORC today to find out how the ICE can solve your bolting challenges.**

**24 Hour SERVICE**

**800-FOR-HYTORC**

**[www.hytorc.com](http://www.hytorc.com)**

**HYTORC®**  
*Since 1968*

333 RT. 17 N., MAHWAH, NJ 07430

## ACCESSORIES



**HYTORC WASHER**

Replace your standard washer with the revolutionary HYTORC Washer to optimize your bolted joint. This simple upgrade is the best value in the industry for increased safety, speed and accuracy on bolting jobs.



**OFFSET LINKS**

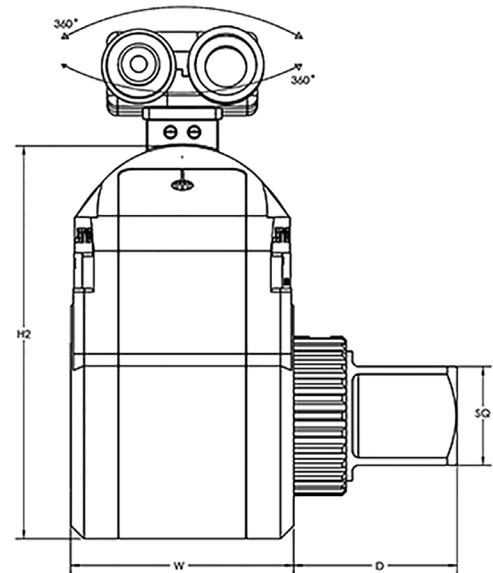
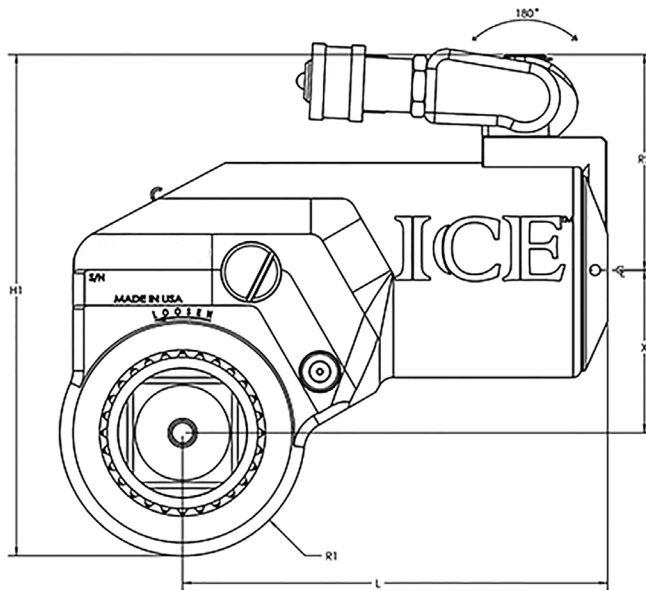
For tight spaces and limited overhead clearance, the offset link is the answer. This slim-design link works with our full line of pneumatic and hydraulic tools and is available with various sized hex cartridges to fit on all applications.



**REACTION FIXTURES**

Standard & customized reaction fixture solutions for every type of application.

## DIMENSIONAL DATA



	DRIVE	R1	R2	D	W	X	L	H1	H2	Weight	Min Torque	Max Torque
Model	Inches/mm									Lbs./Kg.	Ft. Lbs./Nm	
ICE-1	¾"	1.13/28.7	2.35/59.69	1.34/34.04	2.18/55.37	1.54/39.12	4.43/112.52	5.02/127.51	3.70/93.98	6/2.72	196/266	1,284/1,741
ICE-3	1"	1.50/38.1	3.00/76.2	1.85/46.99	2.89/73.41	2.05/52.07	5.55/140.97	6.55/166.37	4.91/124.71	10/4.5	445/603	2,969/4,025
ICE-5	1 ½"	1.86/47.24	3.27/83.06	2.48/62.99	3.39/86.11	2.47/62.74	6.45/163.83	7.60/193.04	5.95/151.13	18/8.16	804/1,090	5,360/7,266
ICE-11*	1 ½"	2.38/60.45	3.99/101.35	2.67/67.82	4.35/110.49	3.15/80.01	8.34/211.84	9.52/241.81	7.56/192.02	*Coming Soon		

\*Coming Soon. All dimensions, torque and design parameters may vary without notice due to design improvements and no claims will be entertained in this regard.