

Ex ATEX Tools

When it comes to getting the toughest jobs done, professionals around the world choose Ingersoll Rand. With tools specifically designed to meet ATEX Zone 1 or Zone 2 requirements, we meet the most demanding safety regulations for working in dangerous atmospheres. From petrochemical refineries to plastic manufacturers, Ingersoll Rand offers safe and productive solutions to meet the demands of our customers.

3940/3942 Series Tools- Ex h IIA T4 Gb X
All other Tools- Ex h IIA T6 Gb X

Performance: Torque is what counts: the performance of our ATEX tools gives you the power you need to deal with challenging jobs, especially off-shore or in other adverse environments.

Reliability: Minimizing downtime: thanks to pressure fed-lubrication technology and the outstanding quality of Ingersoll Rand tools, our extended maintenance intervals give you more time to get the job done.















Durability: It doesn't get tougher than saltwater: in order to ensure corrosion resistance and improve overall durability, Ingersoll Rand selects only the finest materials and uses ultimately robust titanium parts.

Applications: From exploration and production to refining and processing of crude oil and gas products, Ingersoll Rand offers safe and productive solutions that meet the demands for zone 1 ATEX certified tools.



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	Profile	 in(1)	 Recom. Nm	 Max. Nm	 1 min rpm	 1 min bpm	 kg	 L mm	 in (NPT)	 mm	 l/s	 dB(A)	 m/s ² /K ⁽²⁾
Air Drills													
7803RAKCEX	P	1/2" hole type	–	–	500	–	3.67	200	1/4"	10	27.0	94.0	> 2.5
7802RAKCEX	B	1/2" hole type	–	–	2,000	–	2.99	175	3/8"	10	26.0	94.0	2.8
Impact Wrench													
2131PEX	P	1/2" hole type	68–542	813	9,500	1,250	2.00	190	1/4"	10	11.0	93.7	8.3/1.1
Titanium Impact Wrench													
2925RBP1TiEX	P	3/4" hole type	407–1,288	2,169	5,200	1,050	5.44	225	3/8"	13	28.0	98.0	10.5/1.0
3940B2TiEX	B	1" hole type	678–2,237	3,729	6,000	800	9.6	341	1/2"	19	35	106.6	13.1/1.6
3942B2TiEX	B	1" hole type	1,356–2,644	4,407	5,000	850	10.5	361	1/2"	19	44	103.4	16.9/4.6
3955B2TiEX	B	1-1/2" hole type	2,170–5,290	6,780	2,750	700	15.7	423	1/2"	19	37	102.0	20.8/8.5

(1) Hole-type square drives for use with socket retaining rings (see description page 28).
(2) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.

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Ingersoll Rand has always offered products to be used in hazardous atmospheres. As well as the standard classic Impacttools with housings in a special spark resistant alloy, investment in low static spark composite technology has made possible a new range of lightweight impacttools which are fully certified to classifications under the new European Directives 94/9/EC and 1999/92/EC – commonly known as the ATEX Directives.

These are the tool of choice for specialized applications within the petrochemical and mining industries, and in any production or processing areas where hazardous atmospheres can occur.

Safety: ATEX certification EX I M2 c IIB 95°C X and EX II 2 GD c IIB 95°C X allows these tools to be used in potentially explosive atmosphere in compliance with European Community Directives 94/9/EC and 1999/92/EC












Reliability: Ingersoll Rand Twin Hammer impact mechanism. Pressure-fed mechanism lubrication.

Control: feather-touch trigger allows precise delivery of power and speed.



Technical Specifications at 6.2 bar (90 psi) dynamic pressure at inlet

Model No.	CPN	Profile	 in(1)	 Recom. Nm	 Max. Nm	 1 min rpm	 1 min bpm	 kg	 L mm	 in (NPT)	 mm	l/s	dB(A)	m/s ² /K ⁽²⁾
Air Impactool/Twin Hammer Mechanism														
2131PSP	45471687	P	1/2" hole type	68–542	813	9,500	1,250	2.00	190	1/4"	10	11.0	93.7	8.3/1.1
2145QiMAX-SP	47122585	P	3/4" hole type	271–1,220	1,830	6,300	1,150	3.35	217	3/8"	13	15.1	96.3	8.7/2.7
2155QiMAX-SP	47122619	P	1" hole type	271–1,220	1,830	6,300	1,150	3.36	225	3/8"	13	15.1	96.3	8.7/2.7
2934B2SP-EU	01337682	B	1" hole type	678–1,490	2,034	6,600	750	10.0	286	1/2"	19	22.0	97.9	18.8/3.7
2940B2SP-EU	01337583	B	1" hole type	1,360–2,170	2,710	5,000	850	8.40	311	1/2"	19	27.0	97.8	17.8/3.4

(1) Hole-type square drives for use with socket retaining rings (see description page 28).
(2) ISO28927 – 3-axis measurement: vibration level/measurement uncertainty.