

# TUBE TO TUBE SHEET JOINT TESTING KIT



TUBE TOOLS



**SHINGARE**  
INDUSTRIES PVT LTD

**MANUFACTURER & EXPORTER OF**

Tube Cleaners, Tube Tools,  
Tube Expanders, Bolting Tools, Impact Sockets,  
Pipe Beveling Machines, Pipe Cold Cutting Machines,  
High Pressure Water Jet Cleaning Machines & Tapping Machines

Education is necessary but not a pre-requisite for success in life. Bhartiya Industries is the best example of this theory. **Mr. Suryakant Shingare** (HARIBHAL), the founder of the company is a non-matriculate technocrat with more than 10 years experience in flexible shaft manufacturing. He founded this company in 1989.



### Basic Products:

Engineering products is our forte. We manufacture engineering products such as tube expander, tube cleaner, tube tools, hydraulic tube expansion, tube pulling, and pipe beveling machines. We also deal in manufacture of flexible shaft grinders, construction equipment, hydraulic torque wrench, impact socket, pneumatic tapping machines, and many more...

### Brief History of the Company:



We were a small industry until 2003 engaged in production and supply of different types of flexible shafts for tube cleaning, brushes, flexible shaft grinder, and concrete vibrators. The year 2003 was a watershed year for the company.

**Mr. Pradip Shingare**, son of **Mr. Hari Shingare**, graduated from Mumbai University with a degree in Mechanical Engineering. He had great plans to take the company forward on the route to expansion. He ventured into export of the engineering products. By 2008, the company acquired the reputation as the largest exporter of tube cleaning machines and flexible shafts in India.

The year 2009 saw the expansion of the company into manufacture of products such as Tube expander, tube tools, and tube pulling machines. The company witnessed a record double-digit growth in this product range. In 2011, the company started developing a product range of pipe beveling machines. These machines are extremely popular in India as well as in the overseas market. The year 2013 witnessed the company foray into imports of different types of tools such as tapping tools, grinding tools, etc making us the leading player in India in these categories.

The year 2015 saw us entering into the sugar industry component with the manufacture of the Heavy Duty Sugar Dust Collector machine, FlexRepair40 machine.

In 2016, we added **SHINGARE INDUSTRIES PVT. LTD.** a new company in our group. We were awarded ISO 9001:2015 certification for strictly followed quality norms and processes.

### Dedicated Staff:

We have a dedicated team of more than 40 people, many of whom are with us since the early days of the company. We have an excellent blend of youth, knowledge, and experience in our ranks.

### Export oriented:

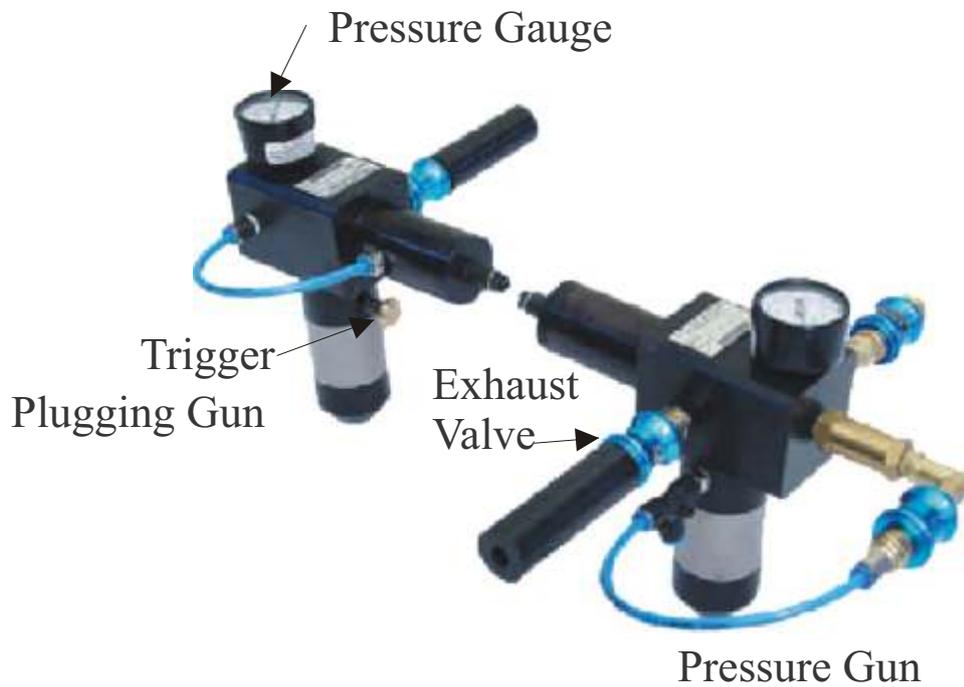
We export over 60% of our products to more than 55 countries all over the globe.

### Expansion:

We feel the need to expand our business to enable us to serve the people of this country better. With this aim in mind, we established a new company in the name of SHINGARE INDUSTRIES PVT. LTD.

**Our main motto of business is “Growth with Trust.”**

Our mission is to innovate and create an import substitute products in India.



## FEATURES :

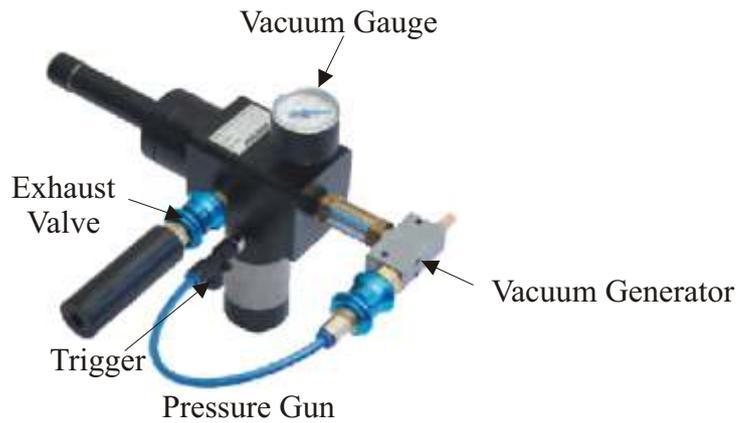
- ◆ Joint Testings Gun weighs less than 1.5 kg.
- ◆ Simple, Quick and Reliable tube and joint testing. Test 7 to 8 tubes or 10 tube joints per minute.
- ◆ Interchangeable seal sets : Allows testing of tubes from 7.75mm to 30.63mm ID with easy to replace accessories.
- ◆ Air supply : Uses standard plant air supplies from 70 psi to 100psi (4.7 to 6.8 bar)
- ◆ Silent during use. Ergonomic design makes testing effortless.
- ◆ Each Kit packed in easy to carry case.

Sizes Available	Tube OD 5/8" to 1.1/4"
Models Available	BJTK-6500

# TUBE TO TUBE SHEET JOINT TESTING KIT



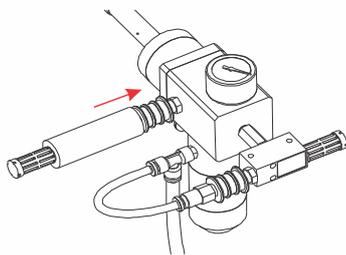
**TUBE TOOLS**



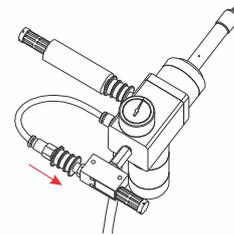
## FEATURES :

- Simple, Quick and Reliable tube joint testing. Test 10 tube joints per minute.
- Interchangeable seal sets : Allows testing of tube joints from 7.75 mm to 30.63 mm ID with easy to replace accessories.
- Joint Testing Gun weights less than 1.5 kg.
- Air supply : Uses standard plant air supplies from 70 psi to 100 psi (4.7 to 6.8 bar).
- Silent during use. Ergonomic design makes testing effortless.
- Each Kit packed in compact and handy case.

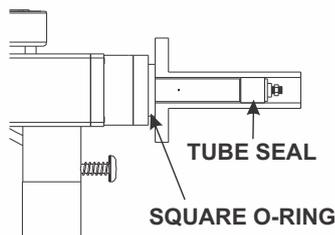
## SEQUENCE OF OPERATION



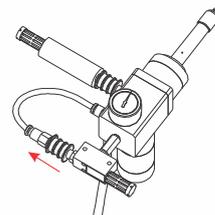
A) Close exhaust valve by sliding to extreme right



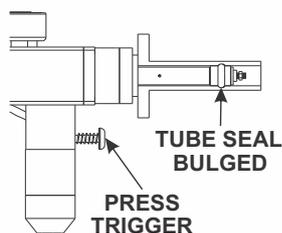
D) Slide vacuum valve to right to start generating vacuum. Gauge will indicate vacuum level.



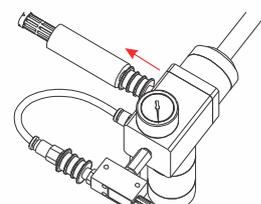
B) Insert manifold till square o-ring firmly sits on tube



E) Close vacuum slide valve by shifting to left. This will stop vacuum generation. Observe vacuum gauge. Vacuum level falls if the joint is leaking.



C)

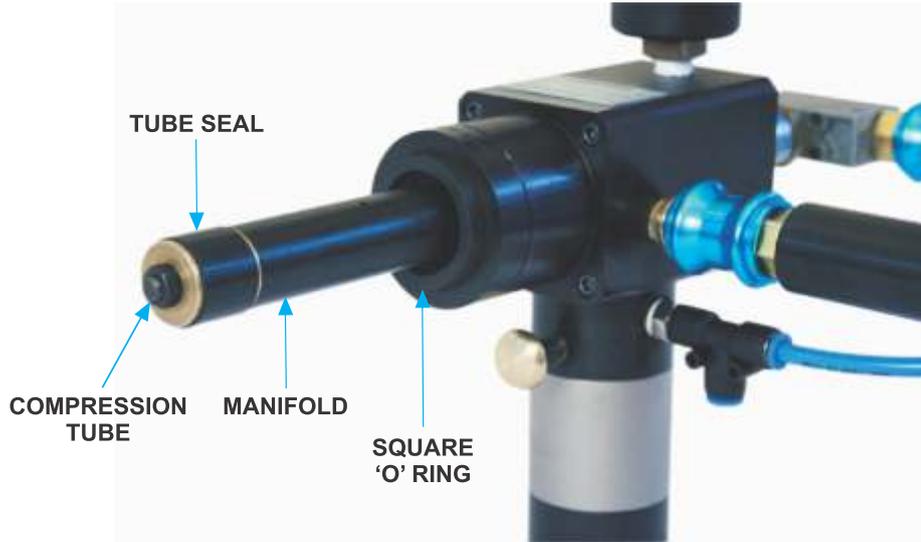


F) After testing the joint release the tube seal by sliding the exhaust to the left. The Joint Testing Kit can be withdrawn after the tube seal collapses.

# TUBE TO TUBE SHEET JOINT TESTING KIT SPECIFICATIONS



TUBE TOOLS



Tube Size		Tube ID Range		Tube Seal Part No.	Tube Seal Diameter		Manifold with Square O ring	Compression Tube Part No.	Square O ring		
O.D.	bwg	mm	inch		mm	inch					
5/8"	9	8.37	.330	BJTK- 300N	7.5	.295	BJTK-15-125-5/8	BJTK-15-125	BJTK-16-5/8		
	10-13	9.07 - 11.05	.357 - .435	BJTK-370N	9	.354					
	14-15	11.67 - 12.23	.459 - .481	BJTK-450N	11.6	.457					
	16-17	12.57 - 12.93	.495 - .509	BJTK-470N	12.2	.480					
	18-19	13.39 - 13.75	.527 - .541	BJTK-490N	13.3	.523					
	20-24	14.11 - 14.77	.555 - .581	BJTK-530N	13.8	.543					
3/4"	9	11.55	.455	BJTK-430N	10.8	.425	BJTK-15-312-3/4-1	BJTK-15-312	BJTK-16-3/4		
	10 - 11	12.25 - 12.95	.482 - .510	BJTK-450N	11.6	.457	BJTK-15-125-3/4	BJTK-15-125			
	12 - 13	13.53 - 14.23	.532 - .560	BJTK-490N	13.3	.523	BJTK-15-312-3/4-2	BJTK-15-312			
	14 - 15	14.85 - 15.41	.584 - .606	BJTK-530N	13.8	.543					
	16 - 17	15.75 - 16.11	.620 - .634	BJTK-570N	15.4	.606					
	18 - 24	16.57 - 17.95	.652 - .706	BJTK-610N	16.5	.649					
7/8"	8-9	13.84 - 14.72	.544 - .579	BJTK-530N	13.8	.543	BJTK-15-312-7/8-1	BJTK-15-312	BJTK-16-7/8		
	10-11	15.42 - 16.12	.607 - .635	BJTK-570N	15.4	.606					
	12-13	16.7 - 17.4	.657 - .685	BJTK-610N	16.5	.649					
	14-17	18.02 - 19.28	.709 - .759	BJTK-690N	18	.708	BJTK-15-312-7/8-2				
	18-19	19.74 - 20.1	.777 - .791	BJTK-740N	19.7	.775					
	20-24	20.46 - 21.12	.805 - .831	BJTK-790N	20.1	.791					
1"	8-9	17.02 - 17.9	.670 - .704	BJTK-610N	16.5	.649	BJTK-15-312-1	BJTK-15-312	BJTK-16-1		
	10-11	18.6 - 19.3	.732 - .760	BJTK-690N	18	.708					
	12-13	19.88 - 20.58	.782 - .810	BJTK-740N	19.7	.775					
	14-15	21.2 - 21.76	.834 - .856	BJTK-790N	20.1	.791					
	16-17	22.1 - 22.46	.870 - .884	BJTK-840N	21.7	.854					
	18-19	22.92 - 23.28	.902 - .916	BJTK-870N	22.9	.901				BJTK-15-405-1	BJTK-15-405
	20-24	23.64 - 24.3	.930 - .956	BJTK-890N	23.3	.917					
1.1/8"	8-9	20.19 - 21.07	.795 - .829	BJTK-790N	20.1	.791	BJTK-15-312-1.1/8	BJTK-15-312	BJTK-16-1.1/8		
	10-11	21.77 - 22.47	.857 - .884	BJTK-840N	21.7	.854					
	12-13	23.05 - 23.75	.907 - .935	BJTK-870N	22.9	.901					
	14-15	24.37 - 24.93	.959 - .981	BJTK-890N	23.3	.917					
	16-17	25.27 - 25.63	.994 - 1.009	BJTK-980N	25.2	.992				BJTK-15-405-1.1/8	BJTK-15-405
	18-19	26.09 - 26.45	1.027 - 1.041	BJTK-990N	26.0	1.024					
	20-24	26.81 - 27.47	1.055 - 1.081	BJTK-1040N	26.8	1.055					
1.1/4"	8-11	23.37 - 25.65	.920 - 1.01	BJTK-890N	23.3	.917	BJTK-15-405-1.1/4	BJTK-15-405	BJTK-16-1.1/4		
	12-13	26.23 - 26.93	1.032 - 1.060	BJTK-990N	26.0	1.024					
	14-17	27.55 - 28.81	1.084 - 1.134	BJTK-1090N	27.5	1.082					
	18-24	29.27 - 30.65	1.152 - 1.206	BJTK-1100N	29.2	1.149					

## OUR MAJOR CLIENTS

Please see below our robust and valued client list that uses BHARTIYA products repeatedly. We take pride in our partnerships and the ability to grow with such amazing group of companies.



**SHINGARE**  
INDUSTRIES PVT LTD

**SHINGARE INDUSTRIES PVT. LTD.**  
Formerly known as Bharatiya Industries  
Manufacturer & Exporter of Tube Cleaners, Flexible Shafts, Tube Tools, Pipe Beveling Machines, Torque Tools, Grinding Tools, Tapping Tools.  
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www.shingare.com | www.tubecleaner.co.in

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