

Textile Spindles

Manufacturer & Exporter

“We prioritize quality over quantity.”



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QR for website

Textile Spindles



VINDEX, an Indian producer and supplier of mechanical and industrial engineering equipment for the textile and automotive was founded in 1985.

- **Experience -**

We have a lot of expertise making spindles for textile sector chenille, ring spinning, and twisting equipment.

- **Location, area and capacity -**

Surendranagar, Gujarat State, is the location to VINDEX, which has well-equipped workshops and a competent workforce with an installed capacity of 1,20,000 pieces per year. Surendranagar is 120 kilometres from Ahmedabad.

- **Research and development -**

Our ability to produce high performance precision spindles for the textile industry with remarkable perfection and accuracy is a result of our substantial R&D efforts, well-equipped workshop, and adaptable work force. For all kinds of textile yarns, we manufacture machine spindles for spinning, doubling, twisting, and chenille.

- **Customer focus -**

The customer, the environment, and our responsive strategy will determine future growth and development. Vindex will continue to set the standard for spindle technology in terms of high productivity & precision with these duties at the helm.

- **Marketing network -**

For the purpose of providing top-notch marketing services, the company has created and is continually growing its agent/representative network throughout India and beyond.

- **Export -**

Our spindles are utilised as original equipment by manufacturers of textile machines and have been standardised by several top mills. They are sold both directly and indirectly to nations in Europe and the Far East.

- **Quality Management -**

In spite of the fact that we lack an ISO certification, we nonetheless adhere to all mandatory documents for a quality management system.

- **Inputs -**

Based on international standards, our many years of experience manufacturing spindles, customer requirements, ongoing market research, and strict monitoring of the most recent product developments, we choose the input materials for textile spindles, such as steel, aluminium, inserts, and other purchased components. Our quality plans outline and detail the criteria for each input.

- **Selection of Suppliers -**

Inputs are obtained from well-known manufacturers on a national or worldwide scale, or from their authorised dealers or distributors. Only providers with the capacity or capability to meet our rigorous standards are used to buy inputs.

- **Incoming Inspection -**

All inputs are placed through a rigorous incoming inspection process that includes testing for dimensions, chemicals, and metals. We have the ability to internally check all inputs. Our manufacturing department does not use the inputs until all necessary inspection and testing tasks have been successfully performed.

- **Preservation -**

All inputs, raw materials used in the production process, and final goods are stored in a way that prevents the product's quality from degrading.

- **Selection of product realization processes and equipment -**

Our extensive knowledge and worldwide best practises are used to choose the product realisation procedures, particularly those that are production-related. The procedures involved in the realisation of a product are adequately controlled and monitored. Critical components like spindle shafts are manufactured with extra care. Modern machinery is chosen and installed with the intention of creating items of the highest calibre.

- **In process inspection -**

By performing first piece approvals, line inspections, 100% operator inspection, periodic measurement setting checks, and batch approvals, the quality of the product being produced is continuously monitored.

- **Final inspection -**

A thorough final inspection that includes checks before, during, and after assembly is performed on the finished product. No product is authorised for shipment until every examination, including performance testing, has been successfully completed.

New sandwich design

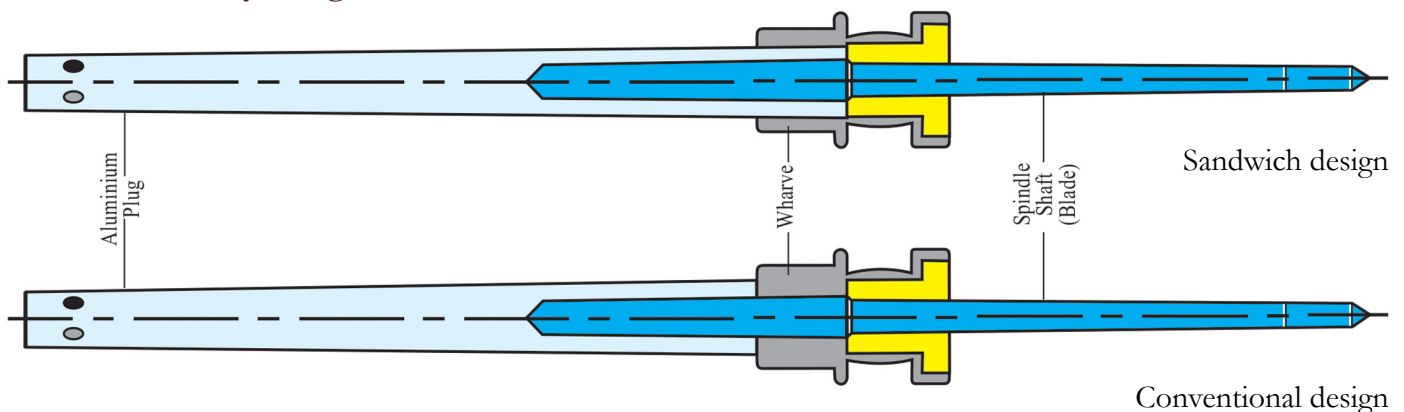
We now provide sandwich-style spindles due to the ongoing changes in technology. The spindle shaft is initially mounded (press fitted) with aluminium in the sandwich configuration. Afterwards the aluminium form is provided in accordance with the needs of the customer. Once more, the lower side of the spindle wharves is mounded (press fitted) with aluminium. The rigidity of the spindle top component is significantly enhanced thanks to this assembling procedure compared to the previous design.

In the traditional assembly process, spindle shafts were initially used to mound up the wharves. But, above the wharves, the aluminium was mounded with the remaining spindle shaft. Because there are two independent mounds of aluminium and wharves on the spindle shaft, the top of the spindle is less rigid against bending as a result.

Salient features of Textile spindles -

- Optimal design to suite bobbin / tubes, specific machine / process parameters and customer requirements
- Complete spindle unit from single source
- Manufactured as per your specific needs
- Enhancement in yarn quality and value
- Minimum preventive maintenance
- Higher spindle speeds
- Reduced noise level
- Energy saving
- Less vibration

Internal assembly design



Our spindles are suitable for following machines

Howa | Ingolstat | Jeetstex | LMW | Marzoli | Murata | NMM | MMC | Rieter | Savio | Toyoda | Schlumberger | Suessen | Texmaco | Textima | Zinser

Our spindles, particularly the heavy duty, Chenille, and rope manufacturing spindles, do not require the spindle top part balancing procedure because of our expertise in the specific Sandwich assembly technique. On request, any information on the type of oil used, the frequency of topping off, replacing oil, and the oil level (minimum and maximum) may be given.

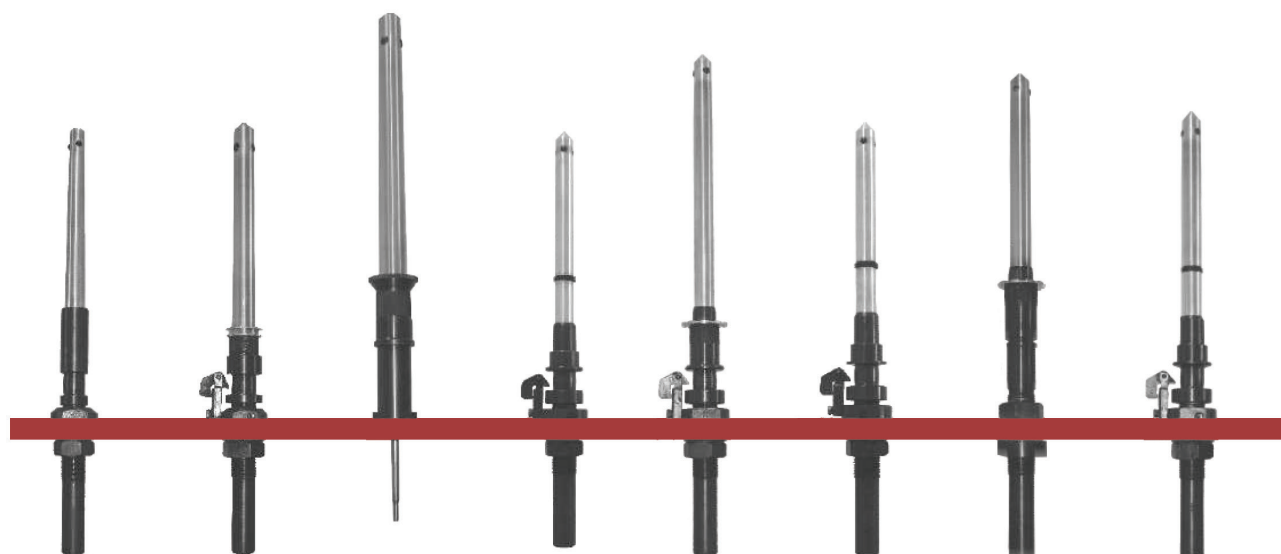
Technical Data

Machine	Type of Spindle	Wharve dia. (mm)	Plug size (mm)	Insert / bolster		Speed- RPM (Mechanical)	Weight in kgs (S.U.P.)
Ring spinning machine	Aluminium plug type spindle for manual doffing	18.5 to 22.5	165 to 250	SKF	HF 1	Up to 22,000	0.235 and above
					HF 21	Up to 20,000	
				Texparts	CS 1 CS 1 12	Up to 22,000	
					CS 1 S CS 1 S 12	Up to 30,000	
	Aluminium plug type spindle for auto doffing	18.5 to 22.5	165 to 250	SKF	HF 1	Up to 22,000	0.235 and above
					HF 21	Up to 20,000	
				Texparts	CS 1 CS 1 12	Up to 22,000	
					CS 1 S CS 1 S 12	Up to 30,000	
	Rabbeth (bare blade) type	18.5 to 22.5	165 to 250	SKF	HF 1	Up to 22,000	0.200 and above
					HF 21	Up to 20,000	
				Texparts	CS 1 CS 1 12	Up to 22,000	
					CS 1 S CS 1 S 12	Up to 30,000	
Doubling machine	Aluminium plug type	20.2 to 25.4	204 to 250	SKF	HF 21	8,000 to 12,000	0.300 and above
	Straight built (bare blade) type	25.4 and above	250 and above	-----	HF 3C	4,000 to 7,000	0.400 and above
	Heavy doubler	28.57 and above	204 to 420	-----	HF 3C HZ 44	3,000 to 7,000	0.525 and above
				Spindel-fabrik needorf	HZ 55 HZ 68		

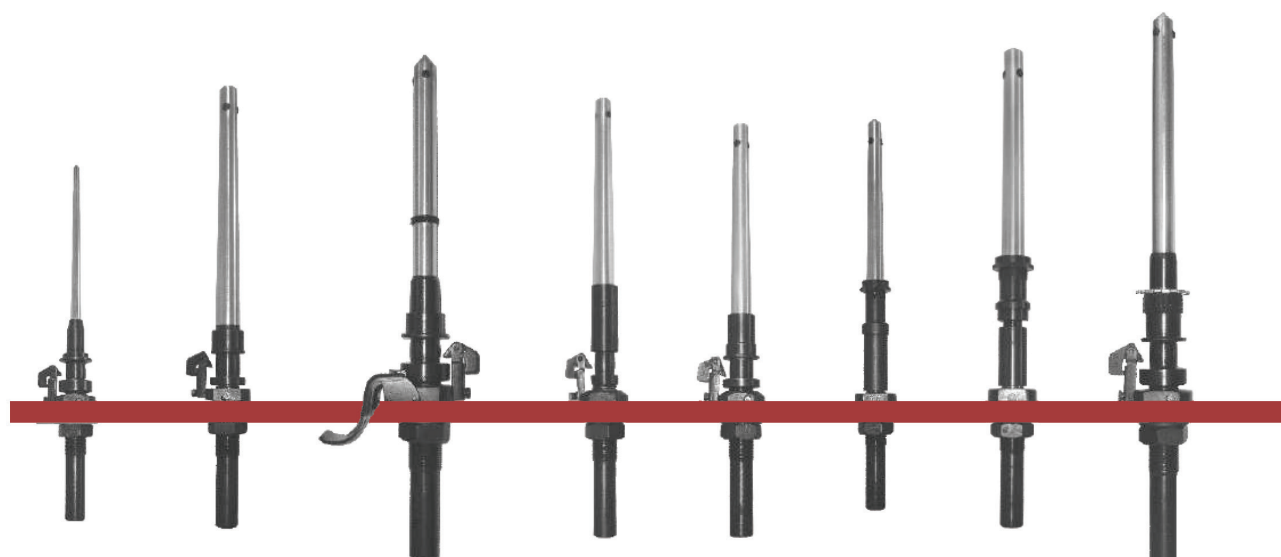
Machine	Type of Spindle	Wharve dia. (mm)	Plug size (mm)	Insert / bolster		Speed- RPM (Mechanical)	Weight in kgs (S.U.P.)
Twisting Machine	One for one twisting	20.5 and above	125 to 152	-----	Spl_21 HF 2C	7,000 to 12,000	0.150 and above
	Two for one twisting (without cup)	25.4 and above	-----	SKF	HF 21	12,000 to 18,000	0.215 and above
	Two for one twisting (with cup)	25.4 and above	-----	SKF	HF 21	12,000 to 18,000	0.275 and above
	Up-twisting	25.4	180	-----	HF 2C	8,000 to 12,000	0.220 and above
	winding	25.4 and above	100 and above	-----	HF 2C	Upto 6,000	0.240 and above
Throwing Machine	Shaft type	-----	-----	-----	-----	-----	0.230 and above
Amber charkha machine	-----	-----	108	-----	1.19 and 2.18 detachable	Upto 6,000	0.050 and above
Note : The above technical data are only for guidelines and are subjected to change. The specific technical details for any of our product can be submitted on request.							

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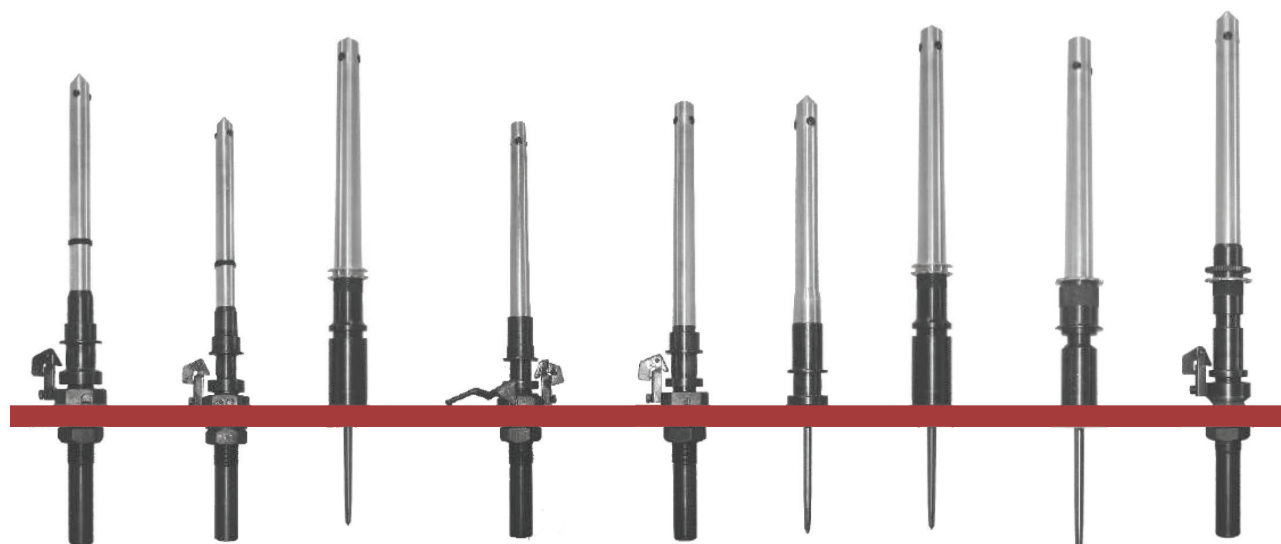




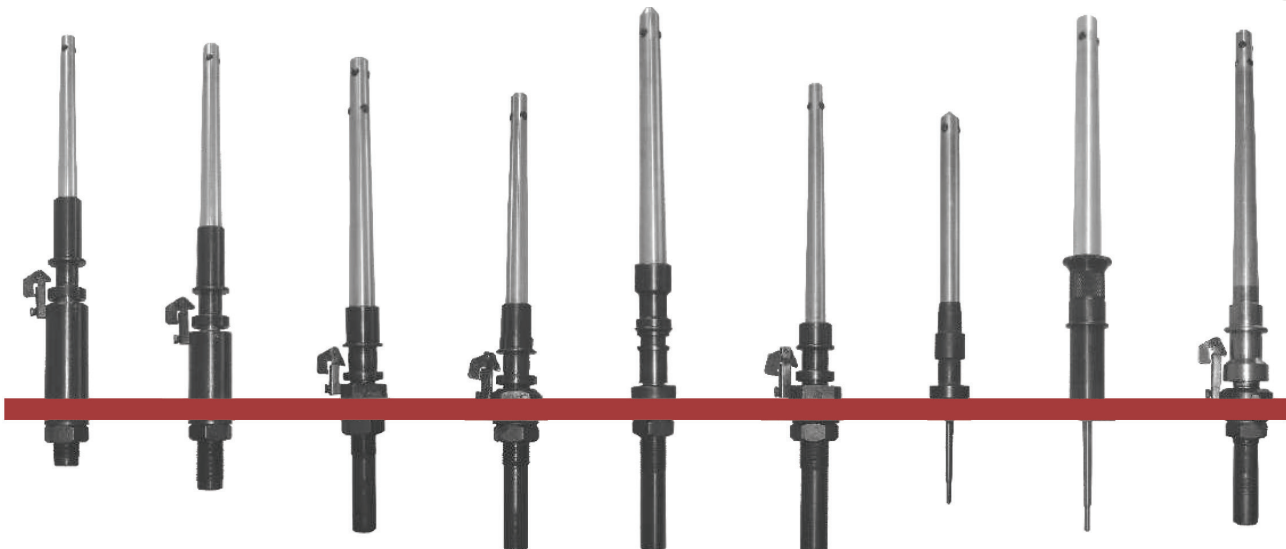
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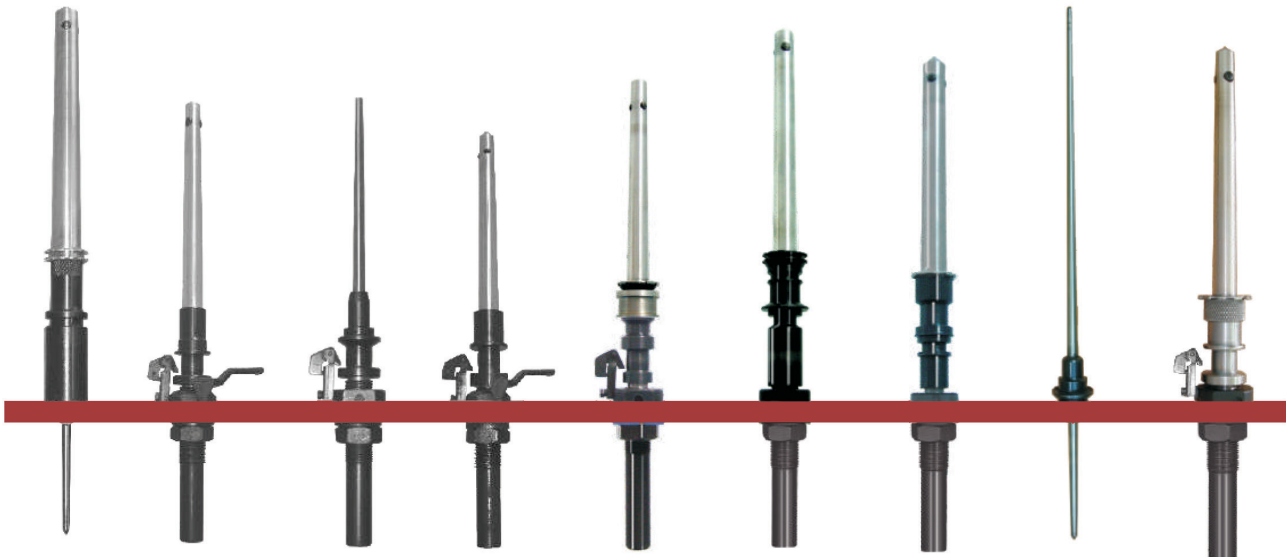
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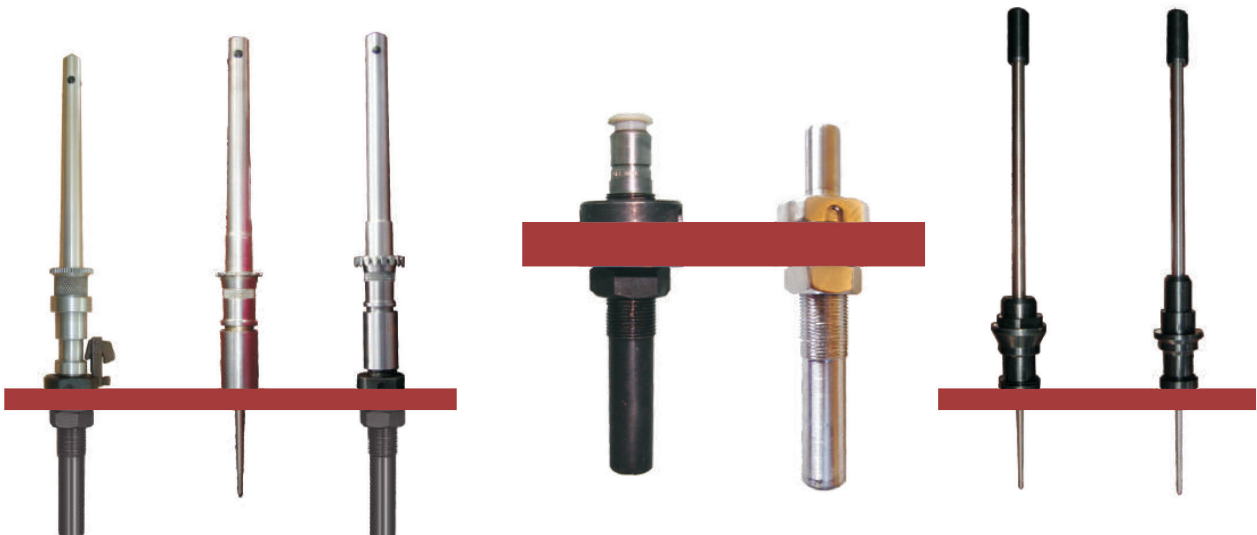
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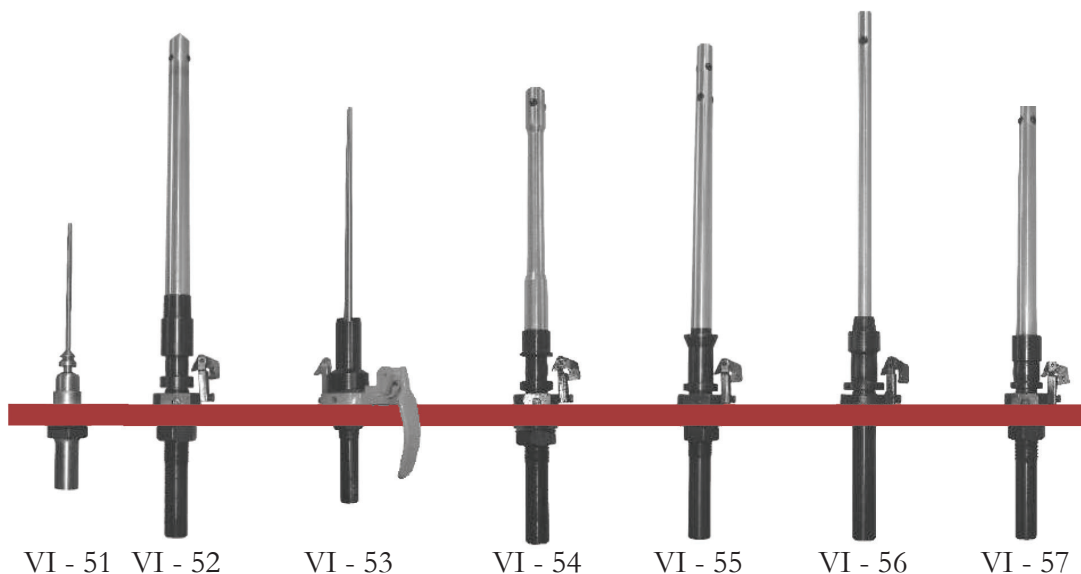
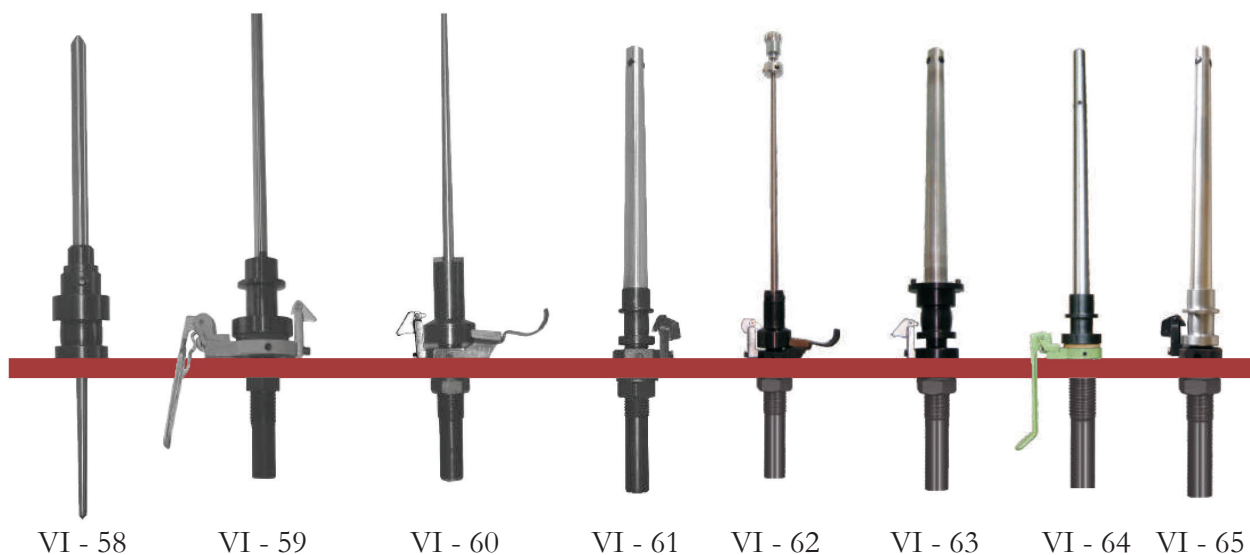
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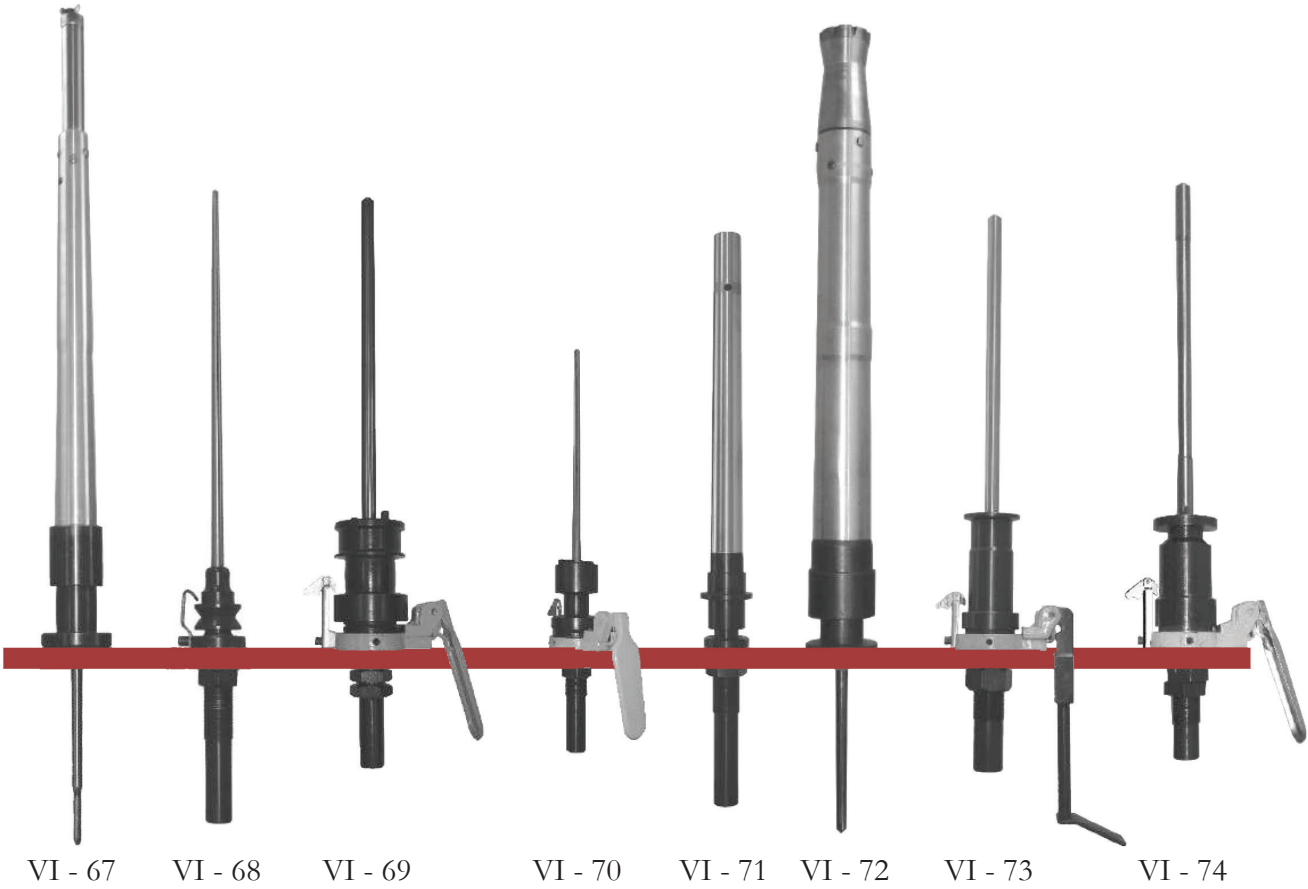
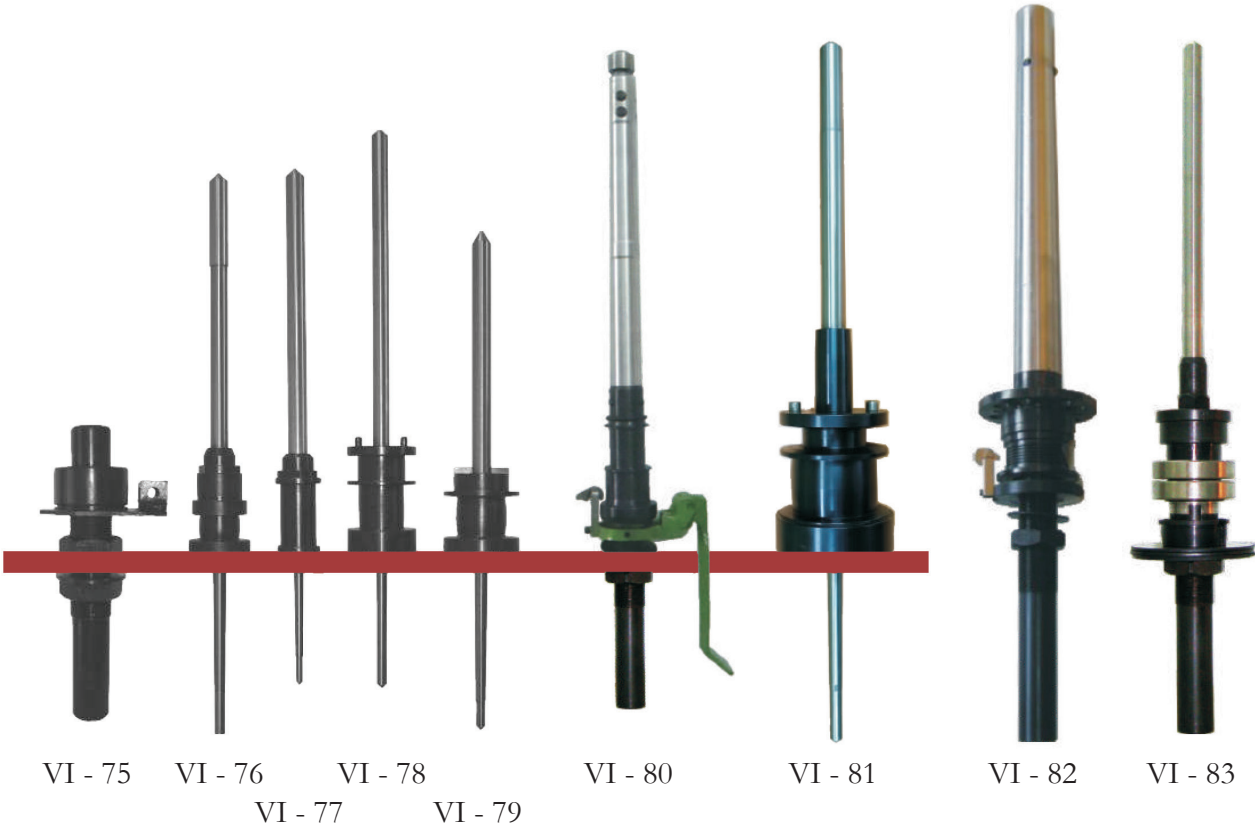
Spindle Accessories



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Products & code

Spindles for Heavy duty and
Chenille machine





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Manufacturer & Exporter

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