

Annexure-A: Technical Specification for Manual Centric Clamping machine vise

Brief Scope:

Scope involves following:

- Supply of Manual Centric Clamping machine vise as per the Specification in the Table below.
- Demonstration of vise operations & assembling of Jaws at BEML, Mysore.

Mandatory Requirements:

- Make and model of Manual Centric Clamping machine vise offered shall be clearly indicated in the offer.
- Firm shall provide detail specification of the Manual Centric Clamping machine vise offered. Where ever numerical values are to be specified, comments like "YES", "COMPLIED", "AGREED" is not acceptable and will be categorically rejected.
- Applicable product catalogue/ technical leaflet of products shall accompany the offer for evaluation purpose.
- Firm shall submit an "Authorization Letter" for representing their principles without which the offer will be summarily disqualified.

Quantity: 01 Nos.

Delivery: 08 Weeks - desirable.

Final Acceptance: Inspection and clearance as per technical specifications.



Sl. No.	Equipment	Specifications	Offer from Vendor with Make & Model Details	Remarks	
1	Manual Centric Clamping machine vise	Make & Model			
		Design: Manual Centric clamping vise			
		Clamping force: 25KN or more			
		Base body: Wear-resistant & Ground bottom and guidances			
		<u>Mounting:</u> A. Base body shall be directly mounted on to the machine table using clamping screw, T-nuts and alignment set. B. Firm shall supply Clamping screws, T-nuts and alignment set to suit the Base body of machine vise to mount directly on to the machine table(Refer Fig-1 for table details).			
		<u>Vise Details:</u>			
		Jaw width	: 125mm or more		
		Jaw opening (5-Axis)	: 0 to 240 mm or more		
		Centering Repeatability Accuracy	: 0.015mm or better		
Height (including Jaws)	: 150mm or less				

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2	Scope Of Supply:	1. Centric Clamping machine vise - QTY: 01 No.		
		2. Reversible grip jaws(with Clamping screws)- QTY: 1 pair.		
		3. Plain Hard Jaws(with Clamping screws)- QTY: 1 Pair.		
		4. Serrated steel jaws(with Clamping screws)- QTY: 1 Pair.		
		5. Soft steel jaws(with Clamping screws)- QTY: 2 Pair.		
		6. Stepped Jaws 8mm depth(with Clamping screws)- QTY: 1 Pair.		
		7. Conventional socket wrench (suitable to vise) - QTY-01 No.		
		8. Clamping screws,T-nuts and alignment set for base body - to be specified and supply.		
		9. Operating manual		
3	Acceptable Make/Brand	SCHUNK / FRESMAK / LANG / KURT / JERGENS / GERARD		

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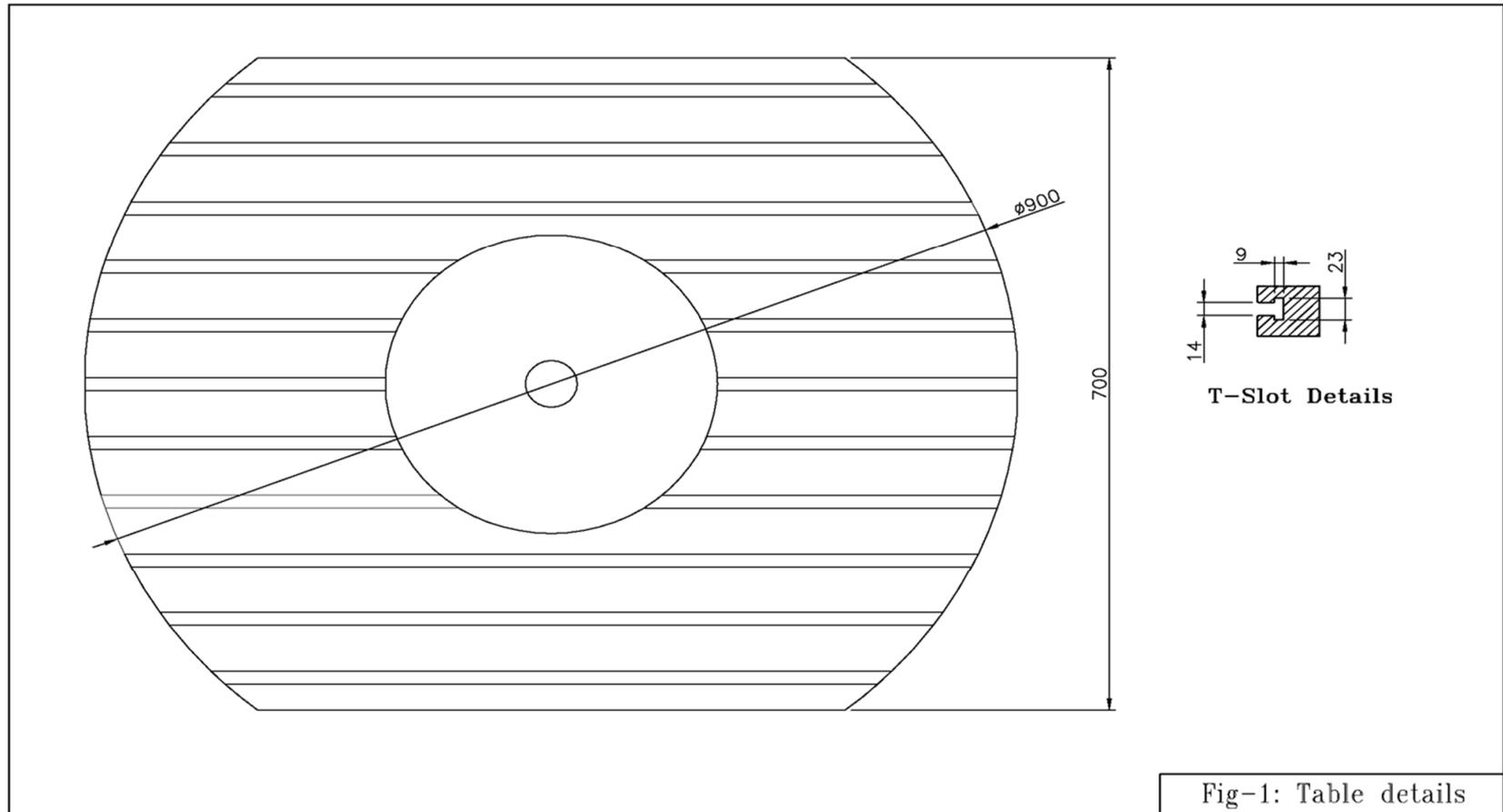


Fig-1: Table details