



SELF CENTRIC VISE – SCV 80 / 125 / 225

Scope of Application

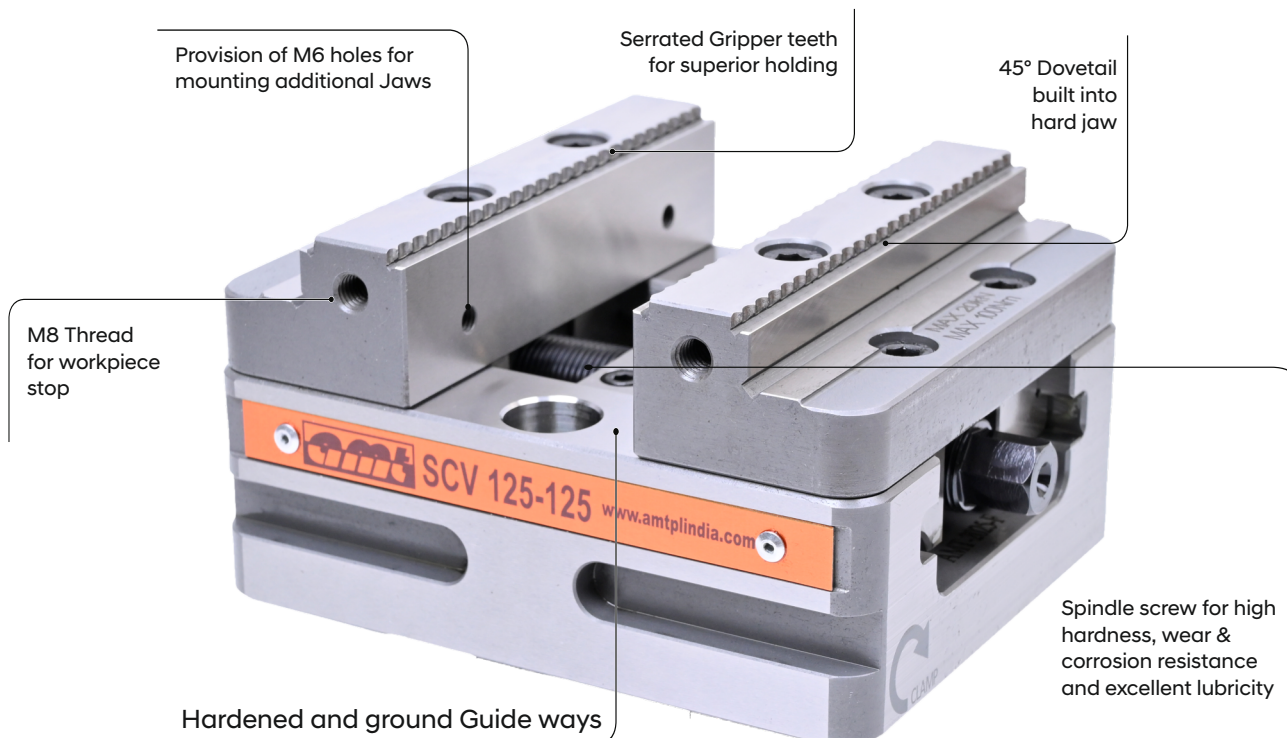
- Ideal for use on 3, 4 & 5 Axis Machining centers due to its compact design
- Horizontal Installation-Suitable for Vertical Machining Centers
- Vertical Installation - Suitable for Horizontal Machining Centers

Product Features

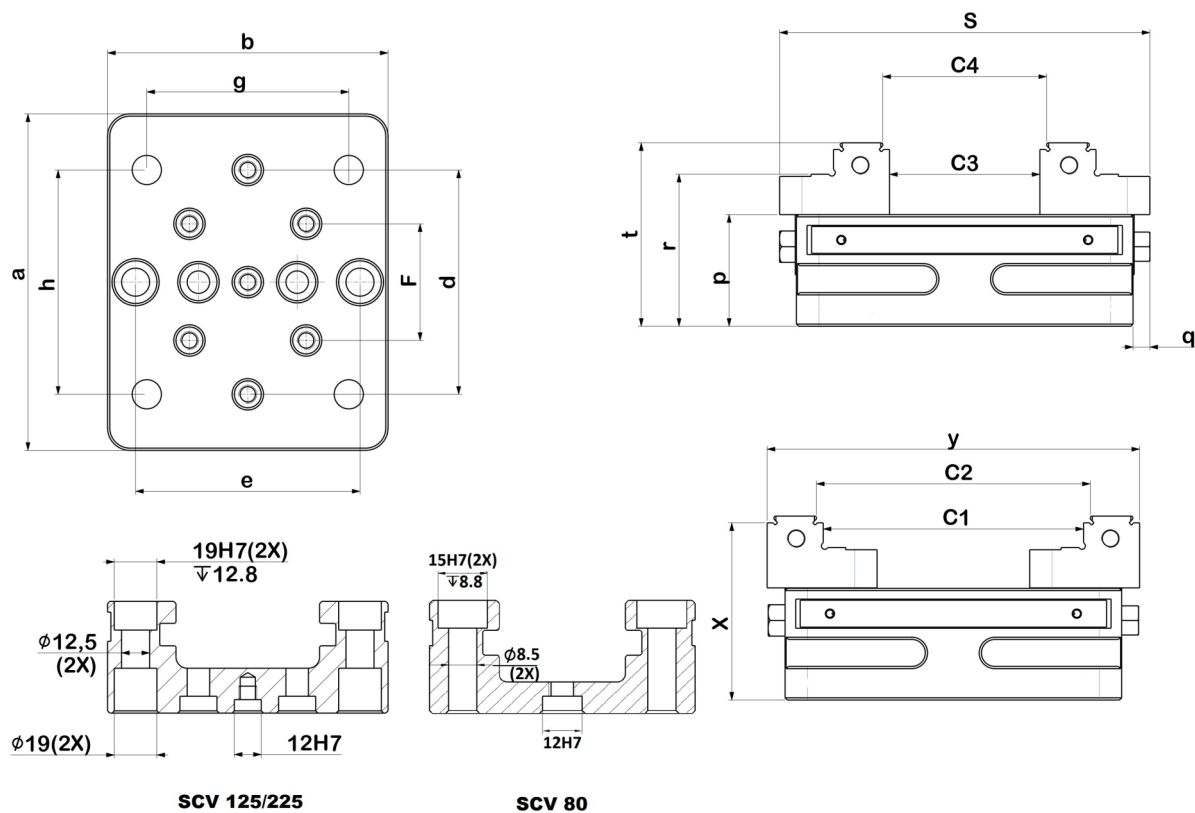
- Heavy duty high precise self-centric clamping vise with good repeatability
- Compact design with best accessibility
- Interface for ZPS clamping and mounting holes as standard
- Spindle screw Blackodising (for high hardness, wear, corrosion resistance and excellent lubricity)
- 4 Bolt jaw mounting for Increased Clamping Force
- Provision of M5 holes for mounting additional Jaws
- Serrated gripper teeth for superior bite with 45° Dovetail provision
- Featuring a dowel pin for better accuracy in Jaws
- High material savings due to minimal clamping edge requirements
- 3mm gripp clamping is possible

Gripp Clamping

- With the clamping jaw systems you can clamp parallel workpieces safely and quickly.
- Stamping and clamping takes place in one work step.



Technical Data



Variant	SCV 80	SCV 125	SCV 225
Dimensions in mm	a	105	150
	b	80	125
	e	60	100
	f	52±0.01	52±0.01
	g	N/A	N/A
	h	N/A	N/A
	p	35.8	50
	q	7.5	7.5
	r	49	68
	s	116	167
	t	57	82
	x	54	79
	y	123	166
	C1	74	120
	C2	80	125
	C3	36	68
	C4	42	73

Variant	SCV 80-80	SCV 125-125	SCV 125-225
Dimensions (mm)	105 x 80 x 57	150 X 125 X 82	150 X 225 X 82
Clamping Range (Forward Jaws) (mm)	6 – 40.3	6-73	6-173
Clamping Range (Reversed Jaws) (mm)	38.5 – 76.3	55-125	55-225
Maximum Clamping Force (kN)	22	20	20
Maximum Torque Force (Nm)	60	100	100
Weight (Kg)	2.5	8	11

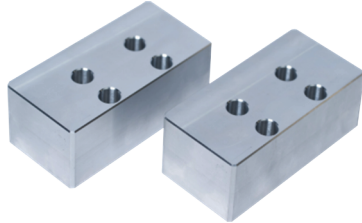
Scope Of Supply

- Self Centric Vise with Clamping Jaws - 1 No
- Work Piece Stopper -1 No.
- Side Clamp - 4 Nos
- Ratchet With Socket - 1 No

SELF CENTRIC VISE - ACCESSORIES

Soft Jaws

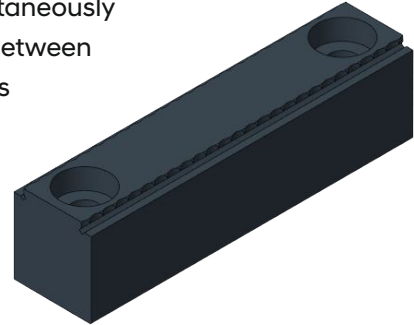
- For holding parts that would be difficult to fixture with standard, flat vise jaws during machining.
- Suitable for Profile and Irregular shape workpiece.



* On Request

Intermediate Jaw

- For clamping two work pieces simultaneously
- Installation between both the jaws



* On Request

Riser Block/Console

- For raising the Self Centric SCV 125/225
- Improved access for five-sided machining



* On Request

Zero Point System

- For Quick clamping and alignment of Vise
- Allows you to clamp parts with accuracy, speed, ease and flexibility using retractable nipples and fast-closing clamps



* On Request

Adaptor Plate

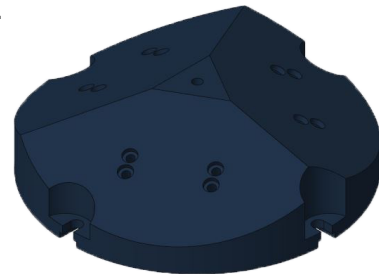
- Adaptor plate for 4th and 5th axis Rotating axis – Diameter 160 mm and 200 mm



* On Request

Pyramid

- The pyramid work holding bundles facilitate clamping of three individual components in one fixture and completed in a single setup.



* On Request