

**CHOOSING THE RIGHT DUAL FORCE VISE**

Selecting the right Dual Force vise, to meet your requirements requires careful assessment of your performance objectives. The following chart is a helpful tool to assist you in identifying the model of vise that best fits your application. Once you have determined the proper machine speed and feed rate for the material to be machined. Follow the chart below to help select the right operation and machine type. Then determine the application or use that best fits your specific requirement. Palmgren has the greatest selection of vises to assist you in adapting your existing equipment to handle a wider variety of clamping needs.



OPERATIONS										MACHINES					MATERIAL			APPLICATIONS / USES																
Milling	Drilling	Reaming	Spot-facing	Counter Sinking	Counter Boring	Boring	Trapping	Slotting	Vertical Knee Mills	Mill/Drills	Horizontal Mills	Vertical Machining Centers	Horizontal Machining Centers	5 Axis Machining Centers	Ferrous metals	Non-Ferrous Metals	Single Part Production	Low Quantity Production	High Quantity Part Production	Small Size Parts	Medium Size Parts	Large Size Parts	Long Size Parts	High Speed Machining	Horizontal Vise Mounting	Vertical Vise Mounting	Multiple Side by Side Vise Mounting	Vises Mounted to Tombstone	Push Style Moveable Jaw	Pull Style Moveable Jaw	Vise Body Ground 4 Sides	Mechanical Booster Assist w/ Adjustable Clamping Pressure	Speed Handles	Swivel Bases

**Dual Force Precision Machine Vises**

9625927	4" x 6" Dual Force Machine Vise	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X					X								X	X
9625925	5" x 7" Dual Force Machine Vise	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X				X								X	X
9625928	6" x 7.5" Dual Force Machine Vise	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			X								X	X
9625929	6" x 8.9" Dual Force Machine Vise	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			X								X	X
9625930	8" x 10" Dual Force Machine Vise	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			X								X	X
9625937	6" XL Dual Force Machine Vise	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X		X	X	X			X								X	X

**Dual Force Precision CNC Machine Vises**

9626600	4" x 5" Dual Force CNC Machine Vise	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X	X					X	X	X	X	X		X				
9626610	6" x 6" Dual Force CNC Machine Vise	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X		X	X			X	X	X	X	X		X				

**Dual Force Multi-Function Precision Machine Vises**

9625932	6" Push Type Dual Force Vise	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X			X	X	X	X	X		X						
9625933	6" Pull Type Dual Force Vise	X	X	X	X	X	X	X	X	X			X	X		X	X	X	X	X			X	X	X	X	X		X	X					

**Dual Force Double Station Machine Vises**

9625935	4" Dual Force Double Station Vise	X	X	X	X	X	X	X	X			X	X		X	X		X	X	X				X	X	X	X	X							
9625936	6" Dual Force Double Station Vise	X	X	X	X	X	X	X	X			X	X		X	X		X	X		X	X			X	X	X	X	X						

**Dual Force Self-Centering Vise**

9625934	6" Dual Force Self-Centering Vise	X	X	X	X	X	X	X	X	X			X	X		X	X		X	X			X		X	X	X							
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**Dual Force 5 Axis Machine Vises**

9625940	4" x 3" Dual Force 5 Axis Machine Vise	X	X	X	X	X	X	X	X					X	X	X	X	X	X	X				X	X		X								
9625941	4" x 7" Dual Force 5 Axis Machine Vise	X	X	X	X	X	X	X	X					X	X	X	X	X	X		X	X			X	X		X							