

Selecting the right vise to meet your requirements requires careful assessment of the performance objectives outlined below. The following chart is a helpful tool to assist you in identifying the model of vise that best fits a specific application. Follow these steps to help select the right operation and machine. 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 operations.

**Tensile strengths of various different bench vise materials:**

- Cast Iron – 30,000 PSI
- Malleable Iron – 45,000 PSI
- Ductile – 65,000 PSI
- SG Ductile – 80,000PSI



		VISE SPECS			VISE TYPE				
		Jaw Width	Jaw Opening	Vise Material	Machinist	Combination Pipe & Bench	Mechanics	Workshop/Utility	Multi-Purpose
MODEL	DESCRIPTION								
<b>Utility Bench Vise</b>									
9629684	4" Utility Bench Vise	4"	4"	Cast Iron				•	
9629686	6" Utility Bench Vise	6"	6"	Cast Iron				•	
9629688	8" Utility Bench Vise	8"	8"	Cast Iron				•	
9629680	10" Utility Bench Vise	10"	10"	Cast Iron				•	
<b>Machinist Bench Vises</b>									
9629695	5" Machinist Bench Vise	5"	5"	Malleable Iron	•				
9629696	6" Machinist Bench Vise	6"	6"	Malleable Iron	•				
9629698	8" Machinist Bench Vise	8"	8"	Malleable Iron	•				
<b>Pro Machinist Bench Vises</b>									
9629784	4" Pro Machinist Bench Vise	4"	5"	Malleable Iron	•				
9629785	5" Pro Machinist Bench Vise	5"	6-1/4"	Malleable Iron	•				
9629786	6" Pro Machinist Bench Vise	6"	7"	Malleable Iron	•				
<b>Industrial Duty Bench &amp; Pipe Vises</b>									
9629774	4" Industrial Duty Bench & Pipe Vise	4"	4-1/4"	SG Ductile		•			
9629775	5" Industrial Duty Bench & Pipe Vise	5"	5-1/2"	SG Ductile		•			
9629776	6" Industrial Duty Bench & Pipe Vise	6"	6-1/2"	SG Ductile		•			
9629777	7" Industrial Duty Bench & Pipe Vise	7"	8-3/4"	SG Ductile		•			
<b>Multi-Jaw Rotating Bench Vises</b>									
9629503	5" Multi-Jaw Bench Vise	5"	4"	Ductile					•
9629504	6" Multi-Jaw Bench Vise	6"	6"	Ductile					•
<b>Combination Pipe &amp; Bench Vises</b>									
9629744	4" Pipe & Bench Vise	4"	5"	Ductile			•		
9629745	5" Pipe & Bench Vise	5"	6"	Ductile			•		
9629746	6" Pipe & Bench Vise	6"	7"	Ductile			•		
9629748	8" Pipe & Bench Vise	8"	8.25"	Ductile			•		
9629755	5.5" Pipe & Bench Vise	5.5"	5.75"	Ductile		•			
9629756	6.5" Pipe & Bench Vise	6.5"	8.5"	Ductile		•			
9629758	8.5" Pipe & Bench Vise	8.5"	9"	Ductile		•			
<b>Specialty Bench Vises</b>									
9629773	4" Ball Bench Vise	4"	6"	Ductile				•	