



Wedge Grips Data Sheet

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<a href="http://www.grip.de/g08">www.grip.de/g08</a>	<b>G08</b>	<b>Wedge grips</b>
	<b>G 8</b>	<b>wedge grips</b>
		<a href="http://www.grip.de/pdf/THS7_Datasheet">www.grip.de/pdf/THS7_Datasheet</a>
		<b>THS7</b>
	<b>THS7</b>	Wedge grip Tensile force: 5 kN Opening: 0 up to 10 mm Price includes: 1 pair (without jaws)
		<b>Jaws for THS7</b> <b>Price includes: 1 set = 4 jaws</b>
	<b>THS7-BP</b>	Pyramid (serrated) jaws, 40x10 mm (h x w), 1 set
	<b>THS7-BV</b>	V-Jaws for round samples Ø 2-10 mm, 1 set
		Further jaw surfaces on request
		<a href="http://www.grip.de/pdf/TH256_Datasheet.pdf">www.grip.de/pdf/TH256_Datasheet.pdf</a>
		<b>TH256</b>
	<b>TH256</b>	Wedge grip Tensile force: 10 kN Opening: 0 up to 10 mm Price includes: 1 pair (without jaws)
		<b>Jaws for TH256</b> <b>Price includes: 1 set = 4 jaws</b>
	<b>TH256-BP</b>	Pyramid (serrated) jaws, 30x30 mm (h x w), 1 set
	<b>TH256-BV</b>	V-Jaws for round samples Ø 2-10 mm, 1 set
	<b>TH256-BD</b>	Diamondjaws for thin round samples Ø 0.05-1, 1 set
		Further jaw surfaces on request
<a href="http://www.grip.de/g12/TH175/">http://www.grip.de/g12/TH175/</a>		<a href="http://www.grip.de/pdf/TH175_Datasheet.pdf">www.grip.de/pdf/TH175_Datasheet.pdf</a>
		<b>TH175-10</b>
	<b>TH175-10</b>	Pneumatic wedge grips made of stainless steel Clamping force: 5 kN (without tensile load) keeping force 20 kN with a tensile load of 10 kN Round designed grip Ø 90 mm Weight: 3,5 kg For usage in temperature chambers -70°C up to +280°C by teflon seal
		<b>Jaw faces for TH175-10</b> <b>Price includes: 1 set = 4 jaws</b>
	<b>TH175-10-BP6</b>	Pyramid (serrated) jaw faces 30x40 mm (h x w), for samples 0-6 mm, 1 set
	<b>TH175-10-BP12</b>	Pyramid (serrated) jaw faces 30x40 mm (h x w), for samples 6-12 mm, 1 set
	<b>TH175-10-BP16</b>	Pyramid (serrated) jaw faces 30x40 mm, for samples 10-16 mm, 1 set and 2x special guides
		<b>TH175-20</b>
	<b>TH175-20</b>	Pneumatic wedge grip 20 kN, C45 phosphatised Price includes: 1 pair

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<b>TH175-20-BP</b>	Pyramid jaws for TH175-20, 60x45 mm (h x w), 1 set
	<b>TH175-50</b>
<b>TH175-50</b>	Pneumatic wedge grip 50 kN, C45 phosphatised Price includes: 1 pair
<b>TH175-50-BP12</b>	Pyramid jaws for TH175-50, 67x60 mm (h x w) for flat samples of 10-22, 20-32, 30-42 mm, 1 set
<b>TH175-50-BV</b>	V- jaws for TH175-50, diameter: 6-22 mm, 1 set
	<b>TH175-100</b>
<b>TH175-100</b>	Pneumatic wedge grip 100 kN, C45 phosphatised Price includes: 1 pair
<b>TH175-100-BPx</b>	Pyramid jaws for TH175-100 for flat samples of 0-12 mm, 10-22 mm, 20-32 mm, 1 set
<b>TH175-100-BVx</b>	V- jaws for TH175-100 for round samples of 5-15 mm, 14-24 mm, 23-33 mm, 1 set



	<a href="http://www.grip.de/pdf/THS321_Datasheet.pdf">www.grip.de/pdf/THS321_Datasheet.pdf</a>
	<b>THS321-20</b>
<b>THS321-20</b>	Pneumatic wedge grip 20 kN for temperature chambers 350°C Body: stainless steel, hardened surface with separate control piston Price includes: 1 pair
<b>THS321-20-BP</b>	Pyramid jaws, 1 set
	<b>THS321-50</b>
<b>THS321-50</b>	Pneumatic wedge grip 50 kN for temperature chambers 350°C Body: stainless steel, hardened surface with separate control piston Price includes: 1 pair
<b>THS321-50-BP</b>	Pyramid jaws, 1 set
	<b>THS321-100</b>
<b>THS321-100-Pn</b>	Pneumatic wedge grip 100 kN for temperature chambers 350°C Body: stainless steel, hardened surface with separate control piston Price includes: 1 pair
<b>THS321-100-BP</b>	Pyramid jaws, 1 set
	<b>THS321-250</b>
<b>THS321-250-HP</b>	Pneumatic wedge grip 250 kN for temperature chambers 350°C Body: stainless steel, hardened surface with separate control piston Price includes: 1 pair
<b>THS321-250-BP18</b>	Pyramid jaws for flat samples 0-18 mm, 1 set
	<b>THS321-HP</b>
<b>THS321-HP</b>	Air compressor hydraulic pump for THS321 pressure adjustable up to max. 350 bar Accessories: 4 tubes 2x3 m and 2x5 m, remote control, valve set for 2 double acting pistons air pressure: 5 bar clamping force: external (0-10 Volt), via potentiometer or external adjustable with protective housings switch positions: Open - Stop - Close



	<b>TH205-8</b>
<b>TH205-8</b>	Foot pedal for 2 double acting pistons Features: 2x 5 / 2 directional valves, tubes, fittings

		<a href="http://www.grip.de/pdf/THS622_Datasheet.pdf">www.grip.de/pdf/THS622_Datasheet.pdf</a>
		<b>THS622</b>
	THS622	10 kN Wedge grip Price includes: 1 pair (without jaws)
	THS622-Ni	10 kN Wedge grip, nickel-plated for temperature range -70°C + 280°C Price includes: 1 pair (without jaws)
		<b>Jaws for THS622</b> <b>Price includes: 1 set (4 jaws)</b>
	THS622-BP	Pyramid jaws, opening width 0-9 mm, 1 set
      		<a href="http://www.grip.de/pdf/TH243_Datasheet.pdf">www.grip.de/pdf/TH243_Datasheet.pdf</a>
		<b>TH243-20</b>
	TH243-20	20 kN Wedge grip Price includes: 1 pair (without jaws)
	TH243-20-Ni	20 kN Wedge grip, nickel-plated for temperature range -70°C + 280°C Price includes: 1 pair (without jaws)
		<b>TH243-50</b>
	TH243-50	50 kN Wedge grip Price includes: 1 pair (without jaws)
	TH243-50-Ni	50 kN Wedge grip for temperature range -70°C + 280°C Price includes: 1 pair (without jaws)
		<b>TH243-TK-Option</b>
	TH243-TK-Option	Remodelling for usage in a temperature chamber Including counterweights Surcharge for 1 pair of TH243-20 or TH243-50
		<b>Jaws for TH243-20 + TH243-50</b> <b>Price includes: 1 set (4 jaws)</b>
	TH243-BP	Pyramid jaws, opening width 0-13mm, 1 set
	TH243-BP16	Pyramid jaws, opening width 4-16mm, 1 set
	TH243-BV	V-Jaws for round samples Ø 3-13 mm, 1 set
TH243-BV16	V-Jaws for round samples Ø 4-16 mm, 1 set	
		<a href="http://www.grip.de/pdf/TH204_Datasheet.pdf">www.grip.de/pdf/TH204_Datasheet.pdf</a>
		<b>TH204</b>
	TH204	Wedge grip 50 kN, for wires, round samples, flat samples etc. Price includes: 1 pair
	TH204-M	50 kN wedge grip with servo motor Price includes: 1 pair
		<b>Inset jaw faces for TH204 - 1 set = 4 jaw faces</b>
	TH204-EBP17	Pyramid (serrated) inset jaws 1 mm x 45° samples 0-17 mm, 1 set
	TH204-EBP21	Pyramid (serrated) inset jaws 1 mm x 45° samples 3-21 mm, 1 set
	TH204-EBP26	Pyramid (serrated) inset jaws 1 mm x 45° samples 8-26 mm, 1 set
	TH204-EBV17	V-inset jaws for samples Ø 4-17mm, 1 set
	TH204-EBV21	V-inset jaws for samples Ø 8-21mm, 1 set
	TH204-EBV26	V-inset jaws for samples Ø 13-26mm, 1 set
TH204-EBD17	Diamond coated inset jaws for samples 0-17 mm, 1 set	

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TH204-EBD21	Diamond coated inset jaws for samples 3-21 mm, 1 set
TH204-EBD26	Diamond coated inset jaws for samples 8-26 mm, 1 set
TH204-GT	Carrier for inset jaws, 1 set (4 carriers)
	<b>Wedge jaws for TH204 - 1 set = 4 wedge jaws</b>
TH204-BP20	Pyramid wedge jaws for flat samples, 0-20 mm, 1 set
TH204-BP30	Pyramid wedge jaws for flat samples, 10-30 mm, 1 set
TH204-BP40	Pyramid wedge jaws for flat samples, 20-40 mm, 1 set
TH204-BV20	V-wedge jaws for round samples Ø 4-20 mm, 1 set
TH204-BV30	V-wedge jaws for round samples Ø 12-30 mm, 1 set
TH204-BV40	V-wedge jaws for round samples Ø 24-40 mm, 1 set
	<b>Jaws for further opening widths on request</b>
<a href="http://www.grip.de/q08/th224/">http://www.grip.de/q08/th224/</a>	
	<a href="http://www.grip.de/pdf/TH224_Datasheet.pdf">www.grip.de/pdf/TH224_Datasheet.pdf</a>
	<b>TH224</b>
TH224	50 kN Wedge grip for bigger samples sizes up to 60x50mm with crank Price includes: 1 pair
	<b>Inset jaw faces for TH224 - 1 set = 4 jaw faces</b> <b>Clamping surface 80 mm x 50 mm (h x w)</b> <b>Price includes: 1 pair</b>
TH224-EBP20	Inset pyramid (serrated) jaw faces for samples 0-20 mm, 1 set
TH224-EBP30	Inset pyramid (serrated) jaw faces for samples 10-30 mm, 1 set
TH224-EBP40	Inset pyramid (serrated) jaw faces for samples 20-40 mm, 1 set
TH224-EBP50	Inset pyramid (serrated) jaw faces for samples 30-50 mm, 1 set
TH224-EBV20	V-serrated jaw insets for round samples Ø 6-20 mm, 1 set
TH224-EBV30	V-serrated jaw insets for round samples Ø 16-30 mm, 1 set
TH224-EBV40	V-serrated jaw insets for round samples Ø 26-40 mm, 1 set
TH224-GT	Carrier for inset jaws
	<b>Jaw faces for TH224 - 1 set = 4 jaw faces</b> <b>Clamping surface 76 mm height x 60 mm wide</b>
TH224-BP20	Pyramid (serrated) jaw faces for samples 0-20 mm, 1 set
TH224-BP40	Pyramid (serrated) jaw faces for samples 20-40 mm, 1 set
TH224-BP60	Pyramid (serrated) jaw faces for samples 40-60 mm, 1 set
TH224-BV20	V-serrated jaw faces for round samples Ø 6-20 mm, 1 set
TH224-BV30	V-serrated jaw faces for round samples Ø 16-30 mm, 1 set
TH224-BV40	V-serrated jaw faces for round samples Ø 26-40 mm, 1 set
TH224-BV50	V-serrated jaw faces for round samples Ø 36-50 mm, 1 set



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	<a href="http://www.grip.de/G08/TH109">www.grip.de/G08/TH109</a>	<a href="http://www.grip.de/pdf/TH109_Datasheet.pdf">www.grip.de/pdf/TH109_Datasheet.pdf</a>
	<b>TH109</b>	
	<b>Universal wedge grip with a low overall height with crank lever mechanic to open and close. Using a crank a high preload can be applied Price includes: 1 pair</b>	
	TH109-100	Wedge grip 100 kN, 1 pair
	TH109-150	Wedge grip 150 kN, 1 pair
	TH109-250	Wedge grip 250 kN, 1 pair
	TH109-300	Wedge grip 300 kN, 1 pair
	<b>TH109-Ko</b>	
	TH109-Ko	Pneumatic pistons for 1 pair of TH109 Surcharge for foot pedal TH205-8
	TH109-B...	<b>Jaws for TH109 - 1 set = 4 jaws</b> <b>Wedge jaws</b> serrated, clamping surface 60x110 mm(BxH)
	TH109-BP30	Pyramid jaws (serrated) for samples 0-30 mm, 1 set
	TH109-BP50	Pyramid jaws for samples (serrated) 26-50 mm, 1 set
	TH109-BV30	V-jaws for round samples 6-30 mm Ø, 1 set
	TH109-BV50	V-jaws for round samples 30-50 mm Ø, 1 set
	TH109-E...	<b>Inset jaws</b> for TH109-E... In combination with TH109-GT you will have regular jaws. Advantage: jaws can be rotated through 180° + cheaper. Disadvantage: smaller clamping surface 50x100 mm (h x w)
	TH109-EBP30	Inset pyramid (serrated) jaws for 0-30 mm thick samples, 1 set
	TH109-EBP34	Inset pyramid (serrated) jaws for 4-34 mm thick samples, 1 set
	TH109-EBP40	Inset pyramid (serrated) jaws for 10-40 mm thick samples, 1 set
	TH109-EBP50	Inset pyramid (serrated) jaws for 20-50 mm thick samples, 1 set
	TH109-EBV32	Inset V-jaws for 15 mm thick round samples Ø 6-32 mm, 1 set
	TH109-EBV40	Inset V-jaws for 10 mm thick round samples Ø 12-40 mm, 1 set
	TH109-EBV44	Inset V-jaws for 8 mm thick round samples Ø 16-44 mm, 1 set
	TH109-EBD	Diamond coated inset jaws for flat samples, 1 set
	TH109-EBVD8	Diamond coated inset jaws for round samples, 1 set
	TH109-GT	Carrier for inset jaws, additional set, 1 Set = 4 carriers
<b>THS140</b>		
THS140-600	600 kN Wedge grip M20x45 8x TK 90 (screw thread on semicircle). Price includes: 1 pair	
	<b>Jaws for THS140, 1 set = 4 jaws</b>	
THS140-BP30	Pyramid jaws, clamping range 0-30 mm, 1 set	
THS140-BP40	Pyramid jaws, clamping range 25-40 mm, 1 set	
THS140-BP50	Pyramid jaws, clamping range 30-50 mm, 1 set	
THS140-BV15	V-jaws for round samples 8-15 Ø mm, 1 set	
THS140-BV25	V-jaws for round samples 10-25 Ø mm, 1 set	



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	<b>THS140-BV35</b>	V-jaws for round samples 20-35 Ø mm, 1 set	
	<b>THS140-BV40</b>	V-jaws for round samples 15-40 Ø mm, 1 set	
	<b>THS140-BV50</b>	V-jaws for round samples 35-50 Ø mm, 1 set	
		<b>THS45</b>	
	<b>THS45</b>	<b>Wedge grip</b>	
	<b>THS45-250</b>	250 kN wedge grip for samples 80x100 mm, 1 pair	
	<b>THS45-300</b>	300 kN wedge grip for samples 80x100 mm, 1 pair	
	<b>THS45-400</b>	400 kN wedge grip for samples 80x100 mm, 1 pair	
		<b>Jaws for THS45, 1 set = 4 jaws</b>	
	<b>THS45-BP</b>	Pyramid wedge jaws, 1 set	
	<b>THS45-BV60</b>	V-wedge jaws for round samples 40-60 mm Ø, 1 set	
	<b>THS45-BV75</b>	V-wedge jaws for round samples 55-75 mm Ø, 1 set	
		<b>Datasheet THS527</b>	
<a href="http://www.grip.de/G08/THS527">www.grip.de/G08/THS527</a>		<a href="http://www.grip.de/pdf/THS527_Datasheet.pdf">www.grip.de/pdf/THS527_Datasheet.pdf</a>	
		<b>THS527-20</b>	
		<b>Wedge grip, only the body moves up, the jaws will keep their position</b>	
	<b>THS527-20</b>	20 kN Wedge grip Price includes: 1 pair	
		<b>Jaws for THS527-20</b> <b>Price includes: 1 set = 4 jaws</b>	
	<b>THS527-20-BP10</b>	Pyramid jaws 52x40 mm (HxW), opening width 0-10 mm, 1 set	
	<b>THS527-20-BP16</b>	Pyramid jaws 52x40 mm (HxW), opening width 6-16 mm, 1 set	
	<b>THS527-20-BP22</b>	Pyramid jaws 52x40 mm (HxW), opening width 12-22 mm, 1 set	
	<b>THS527-20-BV10</b>	V-jaws for round samples 3-10 mm Ø, 1 set	
	<b>THS527-20-BV16</b>	V-jaws for round samples 6-16 mm Ø, 1 set	
	<b>THS527-20-BV22</b>	V-jaws for round samples 12-22 mm Ø, 1 set	
		<b>THS527-50</b>	
	<b>THS527-50</b>	50 kN Wedge grip Price includes: 1 pair	
		<b>Jaws for THS527-50</b> <b>Price includes: 1 set = 4 jaws</b>	
	<b>THS527-50-BP17</b>	Pyramid jaws 66x80 mm (HxW), opening width 0-17mm, 1 set	
	<b>THS527-50-BP30</b>	Pyramid jaws 66x80 mm (HxW), opening width 15-30mm, 1 set	
	<b>THS527-50-BV17</b>	V-jaws for round samples 4-17 mm Ø, 1 set	
	<b>THS527-50-BV30</b>	V-jaws for round samples 16-30 mm Ø, 1 set	
			<b>THS527-100</b>
	<b>THS527-100</b>	100kN Wedge grip, 1 pair	
	<b>Jaws for THS527-100</b> <b>Price includes: 1 set = 4 jaws</b>		
<b>THS527-100-BP16</b>	Pyramid jaws 95x100 mm (HxW), opening width 0-16 mm, 1 set		
<b>THS527-100-BP30</b>	Pyramid jaws 95x100 mm (HxW), opening width 15-30 mm, 1 set		
<b>THS527-100-BV16</b>	V-jaws for round samples 5-16 mm Ø, 1 set		
<b>THS527-100-BV30</b>	V-jaws for round samples 16-30 mm Ø, 1 set		
		<b>Further versions on request</b> e.g. 30, 150, 200, 250 kN	

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		<b>TH185</b>
<b>TH185</b>		100 kN Motorized wedge grip clamping area: 0-16 mm Price includes: 1 pair
		<b>Jaws for TH185</b> <b>Price includes: 1 set = 4 jaws</b>
<b>TH185-BP</b>		Pyramid jaws 0-16 mm, 1 set
<b>TH185-BV</b>		V-jaws for round samples 5-16 mm Ø, 1 set