

# Manual Tensioners

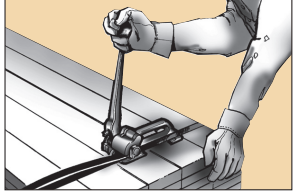
## For steel strapping



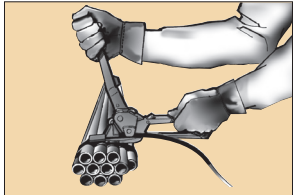
Signode hand tensioners allow operators to bring strap to desired tension with minimal interruption, effort and strap waste.

### Feedwheel—for general use

The feedwheel tensioner has a serrated feedwheel which engages the strapping firmly. There is no limit to the amount of slack it can pull out of the strap. Fast and easy to use, it requires the use of painted and waxed strapping.



### Push-type feedwheel—for round or irregular bundles



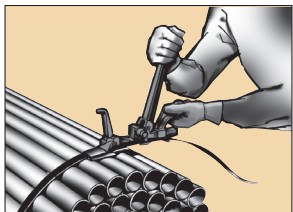
### Windlass—for heavy-duty applications

The windlass tensioner simply winds one end of the strapping around a slotted windlass shaft. Used with dry, heavier strapping pre-cut to desired lengths.



### Rack-and-pinion—for heavy round or irregular applications

The rack-and-pinion tensioner uses a serrated gripping dog to hold the pulled strap end. It can be used with either dry or lubricated strapping on round or irregular shaped packages. This tensioner has limited take-up.



Model	Part Number	Strap Size				Strap Type	Tension Level	Weight	
		Width		Thickness				lbs	kg
		inch	mm	inch	mm				
<b>Feedwheel tensioners</b>									
ST	003480	3/8–3/4	9.5–19.0	0.015–0.025	0.38–0.64	Apex, Apex Plus, Magnus	Low	4	1.8
T	003450	5/8–3/4	15.9–19.0	0.015–0.035	0.38–0.89	Apex, Apex Plus, Magnus	Medium	5	2.3
TH-114	020500	3/4–1-1/4	31.8	0.029–0.035	0.74–0.89	Magnus	High	7	3.2

ST  
(8 in / 20.3 cm handle)

T  
(12 in / 30.5 cm handle)

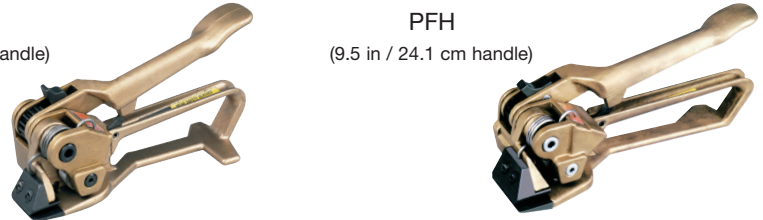
TH-114  
(17 in / 43.2 cm handle)



<b>Push-type feedwheel tensioners</b>									
PF	017900	3/8–3/4	9.5–19.0	0.015–0.023	0.38–0.58	Apex, Magnus	Medium	4	1.8
PFH	017930	3/4–1-1/4	19.0–31.8	0.025–0.035	0.64–0.89	Apex, Magnus	High	7	3.2

PF  
(7 in / 17.8 cm handle)

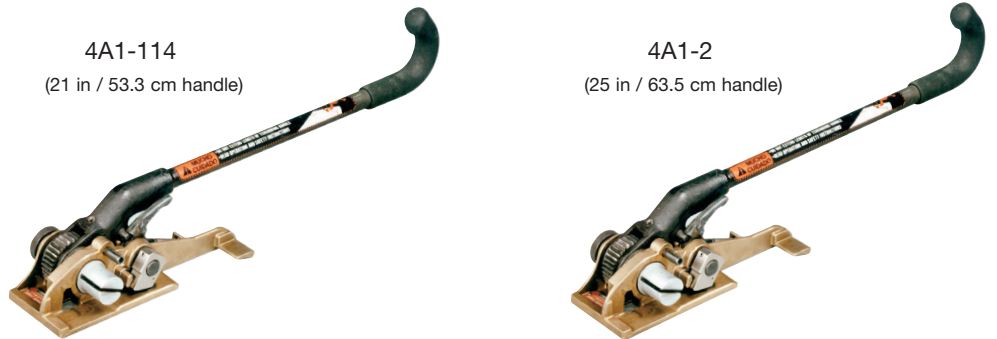
PFH  
(9.5 in / 24.1 cm handle)



<b>Windlass tensioners</b>									
4A1-114	184125	1-1/4	31.8	0.029–0.050	0.74–1.27	Magnus	High	12	5.4
4A1-2	184140	2	50.8	0.044–0.050	1.12–1.27	Magnus	High	16	7.3

4A1-114  
(21 in / 53.3 cm handle)

4A1-2  
(25 in / 63.5 cm handle)



<b>Rack-and-pinion tensioners</b>									
PH-2	010065	3/4–1-1/4	19.0–31.8	0.020–0.035	0.51–0.89	Apex, Apex Plus, Magnus	High	7	3.2

PH-2

