## **Constant Torque Worm Gear Clamps**

- · A patented Belleville spring mechanism permits the clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures.
- 3/8" hex, carbon steel screw
- 5/8" wide 300 stainless steel band

Band   Hose OD   from   to					
Trom   Trom	Band	Hose OD		Port #	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Width	from	to	Fail#	
134" 258" CT250L 214" 318" CT300L 234" 358" CT350L 314" 418" CT400L 334" 458" CT500L 414" 558" CT500L 414" 558" CT500L 514" 618" CT600L 534" 658" CT600L 534" 758" CT700L 634" 758" CT700L 634" 758" CT700L 714" 818" CT800L 734" 858" CT800L 734" 858" CT850L	5/8"	1"	13/4"	CT175L	
2½" 3½" 3½" CT300L 2¾" 3½" CT350L 3½" CT400L 3¾" 4½" CT450L 4½" 5½" CT500L 5½" CT550L 5½" 6½" 6½" 6½" 7½" 6½" CT600L 6¾" 7½" CT700L 6¾" 7½" CT700L 6¾" 7½" 8½" CT850L CT750L CT750L CT700L CT700L CT700L CT750L CT850L		11/4"	21/8"	CT200L	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		13/4"	25/8"	CT250L	
3½" 4½" CT400L 3¾" 4½" CT450L 4½" 5½" CT500L 5½" 6½" CT550L 5¼" 6½" CT600L 5¾" 6½" CT600L 6¾" 7½" CT700L 6¾" 7½" CT700L 6¾" 7½" CT700L 7½" 8½" CT750L 7½" 8½" CT850L 7½" 8½" CT850L		21/4"	31/8"	CT300L	
33/4"       45/8"       CT450L         41/4"       51/8"       CT500L         51/4"       55/8"       CT550L         51/4"       61/8"       CT600L         53/4"       65/8"       CT650L         61/4"       71/8"       CT700L         63/4"       75/8"       CT750L         71/4"       81/8"       CT800L         73/4"       85/8"       CT850L         81/4"       91/8"       CT900L		23/4"	35/8"	CT350L	
5/8"     41/4"     51/8"     CT500L       43/4"     55/8"     CT550L       51/4"     61/8"     CT600L       53/4"     65/8"     CT650L       61/4"     71/8"     CT700L       63/4"     75/8"     CT750L       71/4"     81/8"     CT800L       73/4"     85/8"     CT850L       81/4"     91/8"     CT900L		31/4"	41/8"	CT400L	
5/8"     43/4"     55/8"     CT550L       51/4"     61/8"     CT600L       53/4"     65/8"     CT650L       61/4"     71/8"     CT700L       63/4"     75/8"     CT750L       71/4"     81/8"     CT800L       73/4"     85/8"     CT850L       81/4"     91/8"     CT900L		33/4"	45/8"	CT450L	
5½"     6½"     CT600L       5¾"     6½"     CT650L       6½"     7½"     CT700L       6¾"     7½"     CT750L       7½"     8½"     CT800L       7¾"     8½"     CT850L       8½"     CT900L		41/4"	51/8"	CT500L	
53/4"     65/8"     CT650L       61/4"     71/8"     CT700L       63/4"     75/8"     CT750L       71/4"     81/8"     CT800L       73/4"     85/8"     CT850L       81/4"     91/8"     CT900L		43/4"	55/8"	CT550L	
53/4"     65/8"     CT650L       61/4"     71/8"     CT700L       63/4"     75/8"     CT750L       71/4"     81/8"     CT800L       73/4"     85/8"     CT850L       81/4"     91/8"     CT900L		51/4"	61/8"	CT600L	
63/4" 75/8" CT750L 71/4" 81/8" CT800L 73/4" 85/8" CT850L 81/4" 91/8" CT900L			65/8"	CT650L	
7 <sup>1</sup> / <sub>4</sub> " 8 <sup>1</sup> / <sub>8</sub> " CT800L 7 <sup>3</sup> / <sub>4</sub> " 8 <sup>5</sup> / <sub>8</sub> " CT850L 8 <sup>1</sup> / <sub>4</sub> " 9 <sup>1</sup> / <sub>8</sub> " CT900L		61/4"	71/8"	CT700L	
7 <sup>3</sup> / <sub>4</sub> " 8 <sup>5</sup> / <sub>8</sub> " CT850L 8 <sup>1</sup> / <sub>4</sub> " 9 <sup>1</sup> / <sub>8</sub> " CT900L		63/4"	75/8"	CT750L	
8½" 9½" <b>CT900L</b>		71/4"	81/8"	CT800L	
		73/4"	85/8"	CT850L	
		81/4"	91/8"	CT900L	
		83/4"	95/8"	CT950L	





# **HTM Hi Torque Worm Gear Clamps**

### Features:

- withstands more than three times the SAE torque requirements for worm-driven clamps
- eight screw threads are engaged in the band simultaneously for incredible torquing drive (over 90 in. lbs.), sealing pressure and vibration resistance
- slotted hex head screw design
- Torque ratings correspond to the torque rating of the screw of the clamp and are not an indication of the working pressure of any hose assembly installed with this clamp.





- band and housing: 300 series half hard stainless <sup>1</sup>
- screw: 410 stainless steel screw







