

## Expanders for spring energized seals | Enerspring O

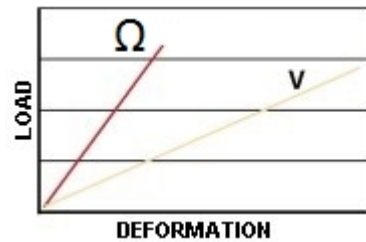
Enerspring  $\Omega$ , expanders for energized seals

Materials: **AISI 302 - Elgiloy - Hastelloy C276 - Inconel X750 NACE approved**

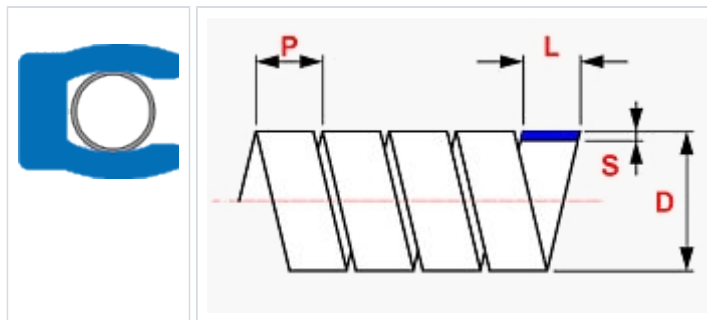
Long term maintenance of pre load  
 Uncontaminating and sterilizable  
 Wide range of chemical resistance  
 Supplied in coils or cut to measure



Enerspring  $\Omega$  versus  $\nu$   
 (Omega)  
 comparative Load /  
 Deformation graph



$\Omega$  (Omega) spring energized seals  
 develop high loads  
 suitable for cryogenic applications



ENERSPRING $\Omega$ (Omega) AISI 302				load /deformation	
Diameter <b>D</b>	Pitch <b>P</b>	Width <b>L</b>	Thickness <b>S</b>	AISI 302 max. delta <b>D</b> mm	load at max. delta <b>D</b> <b>N/mm</b>
1.7	0.7	0.5	0.075	0.1	5.5
2				0.15	5
2.5	1.7	1.5	0.1	0.15	8
3				2	0.25
3.5	2.8	2.3	0.15	0.2	13
3.9				0.25	11
4.5				0.35	10
4.9				0.45	9
5				0.45	9
5.5				0.5	8
6				0.65	7
7	4.5	4	0.25	0.5	18



8			0.7	16
9			0.9	14
10			1	13