



SMARTSEAL®

HYBRID SMART CLAMP

Featuring patented SmartLiner technology on the inside, the Ideal Tridon **SmartSeal®** forms a unique 360 degree seal around joints and prevents leakage of fluid and air when subjected to temperature extremes and vibration. This **ALL 300-400SS** clamp is a whole new way to think about connections.

It's not just a solution – it's a really smart one.



FIND YOUR PART NUMBER †

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	SmartSeal
11	.78	.98	19.9	24.9	37908-0011
12	.81	1.04	20.6	26.5	37908-0012
13	.85	1.11	21.8	28.1	37908-0013
14	.88	1.17	22.4	29.7	37908-0014
16	1-3/32	1-9/32	28	33	37215-0016*
20	1-1/8	1-9/16	29	40	37215-0020*
22	1-7/16	1-11/16	36	43	37215-0022*
24	1-1/2	1-13/16	38	46	37215-0024*
28	1-3/4	2-1/16	43	52	37215-0028*
32	1-15/16	2-5/16	48	59	37215-0032
34	2	2-7/16	50	62	37215-0034
36	2-1/8	2-9/16	53	65	37215-0036*
40	2-5/16	2-13/16	58	71	37215-0040*
44	2-1/2	3-1/16	63	78	37215-0044
48	2-11/16	3-5/16	67	84	37215-0048
52	2-7/8	3-9/16	73	91	37215-0052
56	3-1/16	3-13/16	77	97	37215-0056
60	3-1/4	4-1/16	82	103	37215-0060
64	3-7/16	4-5/16	87	110	37215-0064
72	3-3/4	4-13/16	96	122	37215-0072
80	4-3/16	5-5/16	105	135	37215-0080
88	4-1/2	5-13/16	115	148	37215-0088

*Available in blister packs
† Sizes 11-14 use a 410 + Tin Screw

SmartSeal Profit Center Kits

If you're looking to display your SmartSeal clamps, we offer an attractive profit center kit. This kit includes:

- **SmartSeal Clamp Rack:** holds 50 clamps and comes with peg board hooks
- **SmartSeal Clamps:** 50 clamps in five 10-piece sub pack boxes in sizes 20, 24, 28, 36, and 40
- **SmartSeal Blister Assortment with Clip Strip:** comes with ten SmartSeal blister packs, two each of size 20, 24, 28, 36, and 40

SMARTSEAL PROFIT CENTER KITS

Product	Part Number
SmartSeal Clamp Rack Only	2688001
SmartSeal Clamps Only: 50pcs	99902-7215-051*
SmartSeal Clamp Rack + Clamps	99903-7215-051*
SmartSeal Profit Center Kit: Rack + Clamps + Blister Assortment with Clip	99904-7215-051*
Blister Assortment with Clip Strip	99904-7215-058

*For barcoded clamps, replace 051 with 053



ABOUT THE SMARTSEAL CLAMP SYSTEM

The Ideal Tridon SmartSeal Clamp System was specifically designed to counter fluid leaks caused by pressure fluctuations present in both hot and cold environments. The SmartSeal clamp also offers space and weight savings when compared to conventional constant tension clamps.



INTEGRATED TWO-PIECE DESIGN

SmartSeal Clamps are comprised of two main parts: the clamp assembly and the SmartLiner.

- » The SmartLiner is a spring liner made of high quality stainless steel integrated inside the clamp
- » Designed to be smart, the thin gauge steel expands and contracts around the hose with temperature changes
- » Clamp rides on top of lubricated liner, distributing pressure evenly around hose

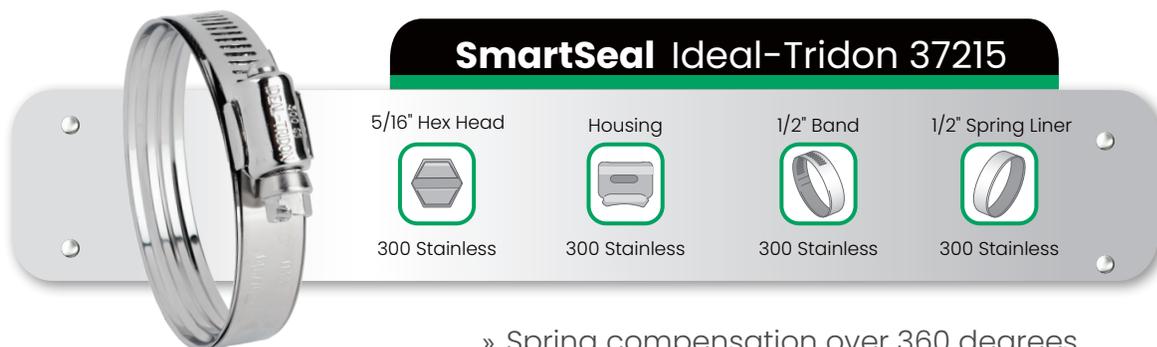
TESTED TOUGH

Leak pressure tests show that SmartSeal clamps perform better in thermal cycling than typical constant tension clamps and perform better over time when compared to other leading brands in the same category.

A PROVEN DESIGN PARTNER

Ideal Tridon has spent decades engineering the world's best clamping products, and can provide customized solutions to fit your demanding applications contingent on high volume or estimated annual usage. We offer a wide range of materials to choose from and can engineer a custom clamping product that meets or exceeds your expectations. In fact, our engineers become your engineers. And they are ready to help you find new ways to build stronger, lighter, and more compact clamping assemblies today or for a future project.

Ideal Tridon SmartSeal Clamp Systems are engineered to last longer and perform better than traditional hose clamps in the most demanding environments.



THE SMARTSEAL CHANNEL DESIGN



High Pressure

- » Spring compensation over 360 degrees
- » Improved clamp roundness eliminates leak paths at housing juncture
- » Trough-shaped design creates higher pressure loading compared to conventional worm gear, increasing resistance against potential leaks
- » Trough shape helps clamp "grip" by penetrating deeper into the hose wall over a narrower cross-section (footprint)

IDEALTRIDON.COM | 800-251-3220

Ideal Tridon is part of the Ideal Tridon Group. Learn more at idealtridongroup.com

