







SMARTSEAL® & WAVESEAL³⁶⁰®

SmartSeal and WaveSeal³⁶⁰ hybrid smart clamps secure hose connections and prevent unwanted flow of fluid and air. Through patented hybrid technology, these next generation clamps seal in a steady 360 degree pattern in response to pressure and temperature changes. With their compact design and lower profile, you get an optimal heavy-duty constant tension clamp without all the bulk.








SmartSeal Ideal-Tridon 37215

5/16" Hex Head	Housing	1/2" Band	1/2" Spring Liner
			
300 Stainless	300 Stainless	300 Stainless	300 Stainless







WaveSeal³⁶⁰ Ideal-Tridon 36003

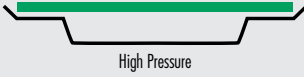
5/16" Hex Head	Housing	9/16" Band	9/16" Spring Liner
			
410 Stainless	300 Stainless	300 Stainless	300 Stainless



SmartSeal HD Ideal-Tridon 38215

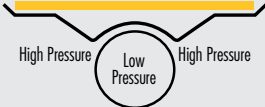
5/16" Hex Head	2-Piece Housing	5/8" Band	5/8" Spring Liner
			
410 Stainless	300 Stainless	300 Stainless	300 Stainless

THE SMARTSEAL CHANNEL DESIGN



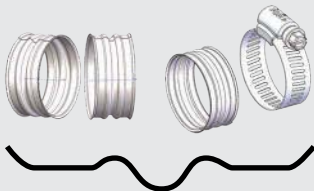
- Spring compensation over 360 degrees
- Improved clamp roundness eliminates leak paths at housing juncture
- Trough-shaped design creates higher pressure loading compared to conventional worm gear, increasing resistance against potential leaks
- Trough shape helps clamp "grip" by penetrating deeper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

THE WAVESEAL O-RING EFFECT



- Spring compensation over 360 degrees
- Improved clamp roundness eliminates leak paths at housing juncture
- O-ring effect allows hose to act as an additional spring component
- Outside, chamfered liner edge protects hose component from cutting

RECESSED SINGLE BEAD LINER



- New patent pending recessed liner technology
- Small application SAE down to size 11
- Spring compensation over 360 degrees
- Improved clamp roundness eliminates leak paths at housing juncture

WHICH CLAMP IS RIGHT FOR ME?

General Guidelines	SmartSeal	WaveSeal ³⁶⁰	SmartSeal HD
Wall Thickness	Greater than .177" (4.5 mm)	Less than .177" (4.5 mm)	.080 to .315" (2-8 mm)
Hose Diameter	Greater than 3" (76 mm)	Less than 3" (76 mm)	Greater than 2" (51 mm)
Minimum Destructive Torque	75 lbf-in (8.5 Nm)	100 lbf-in (11.3 Nm)	115 lbf-in. (13 Nm)
Installation Torque (Most Applications)	Up to 48 lbf-in (5.4 Nm)	Up to 70 lbf-in (7.9 Nm)	Up to 100 lbf-in (11.3 Nm)
Band Width	1/2"	9/16"	5/8"

FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	SmartSeal	WaveSeal ³⁶⁰
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*	36003-0016
20	1-1/8	1-9/16	29	40	37215-0020*	36003-0020
22	1-7/16	1-11/16	36	43	37215-0022	36003-0022
24	1-1/2	1-13/16	38	46	37215-0024*	36003-0024
28	1-3/4	2-1/16	43	52	37215-0028*	36003-0028
32	1-15/16	2-5/16	48	59	37215-0032	36003-0032
34	2	2-7/16	50	62	37215-0034	36003-0034
36	2-1/8	2-9/16	53	65	37215-0036*	36003-0036
40	2-5/16	2-13/16	58	71	37215-0040*	36003-0040
44	2-1/2	3-1/16	63	78	37215-0044	36003-0044
48	2-11/16	3-5/16	67	84	37215-0048	36003-0048
52	2-7/8	3-9/16	73	91	37215-0052	36003-0052
56	3-1/16	3-13/16	77	97	37215-0056	36003-0056
60	3-1/4	4-1/16	82	103	37215-0060	36003-0060
64	3-7/16	4-5/16	87	110	37215-0064	36003-0064
72	3-3/4	4-13/16	96	122	37215-0072	36003-0072
80	4-3/16	5-5/16	105	135	37215-0080	36003-0080
88	4-1/2	5-13/16	115	148	37215-0088	36003-0088

SmartSeal 37215 series also available individually barcoded in 10-piece sub pack boxes

*Available in blister pack

FIND YOUR PART NUMBER

Size	Min (in)	Max (in)	Min (mm)	Max (mm)	SmartSeal HD
238	1-5/8	2-1/8	42	54	38215-0238
262	1-7/8	2-3/8	48	61	38215-0262
275	2	2-1/2	52	64	38215-0275
288	2-1/8	2-5/8	55	67	38215-0288
300	2-1/4	2-3/4	58	70	38215-0300
325	2-1/2	3	64	77	38215-0325
350	2-3/4	3-1/4	70	83	38215-0350
375	2-7/8	3-1/2	74	90	38215-0375
400	3-1/8	3-3/4	79	96	38215-0400
425	3-5/16	4	84	103	38215-0425
450	3-7/16	4-1/4	88	109	38215-0450
512	4-1/16	4-7/8	103	125	38215-0512
562	4-9/16	5-3/8	115	137	38215-0562
612	5-1/16	5-7/8	128	150	38215-0612