



ASFA "S" CT Constant Tension Worm-Drive Clip

Constant tension worm-drive clips are designed to be used primarily in the automotive sector. The main difference between the W3 constant tension worm-drive and the standard Mikalor worm drive is to be found in the spring-loaded insert.

This spring-loaded insert maintains constant pressure around the hose in case of variations in temperature and /or vibration thereby guaranteeing performance far superior to conventional worm-drives. For this reason constant tension worm-drive clips are used mainly with tubes carrying hot air in turbo compressor applications or on engine refrigeration systems.

Moreover, the cold-formed stamped band thread, smoothed on the underside, combined with the beveled band edges protects the hose from any damage.

ASFA -W3 CT worm-drive clips are manufactured entirely from stainless steel (AISI 430) thereby ensuring good corrosion resistance.

This clip complies fully with the DIN 3017 norm and also with the RoHs directive EU/2002/95/EC dated 1st July 2006.

* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.

** The Nominal Ø "A" does not take into account the spring-loaded insert.

W3

ASFA "S" W3 CT Constant Tension Worm-Drive Clip (12mm bandwidth)

Nominal Ø A		Part nº W3	Application Ø	L max.	s + 0,10	h max.	a + 0,3 a -0,2	b max.	Max. Values* Torque (Nm)	Max. Values* Pressure (Bars)	Box Quantity	Packing (MOQ)
mm	inches											
20-32	25/32-1-1/4	03017818	17-28	29,6	0,8	11	12,2	18,8	5,0	47	50	400
25-40	1-1-9/16	03017826	22-36	29,6	0,8	11	12,2	18,8	5,0	42	50	400
30-45	1-3/16-1-3/4	03017834	27-41	29,6	0,8	11	12,2	18,8	5,0	37	50	400
32-50	1-1/4-1-31/32	03017842	29-46	29,6	0,8	11	12,2	18,8	5,5	37	50	200
40-60	1-9/16-2-3/8	03017850	37-56	29,6	0,8	11	12,2	18,8	5,5	32	50	400
50-70	1-31/32-2-3/4	03017869	47-66	31,6	0,8	11	12,2	18,8	6,5	27	50	400
60-80	2-23/64-3-5/32	03017877	57-76	31,6	0,8	11	12,2	18,8	6,5	22	50	50
70-90	2-3/4-3-35/64	03017885	67-86	31,6	0,8	11	12,2	18,8	6,5	18	50	50
80-100	3-5/32-3-15/16	03017893	77-96	31,6	0,8	11	12,2	18,8	6,5	15	25	200
90-110	3-15/16-4-23/32	03017906	87-106	31,6	0,8	11	12,2	18,8	6,5	13	25	200
100-120	4-23/32-5-33/64	03017914	97-116	31,6	0,8	11	12,2	18,8	6,5	11	25	200
110-130	5-33/64-6-19/64	03017922	107-126	31,6	0,8	11	12,2	18,8	6,5	9	25	25

W3 Screw: Stainless steel (AISI-301) **Band and Housing:** X6Cr-17 Stainless steel (DIN 1.4016) (AISI-430)

Spring-loaded insert: Stainless steel (AISI-301)

