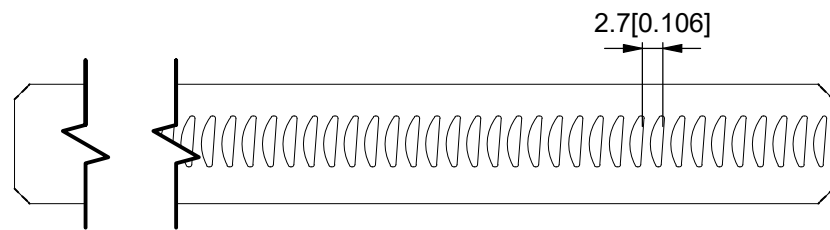
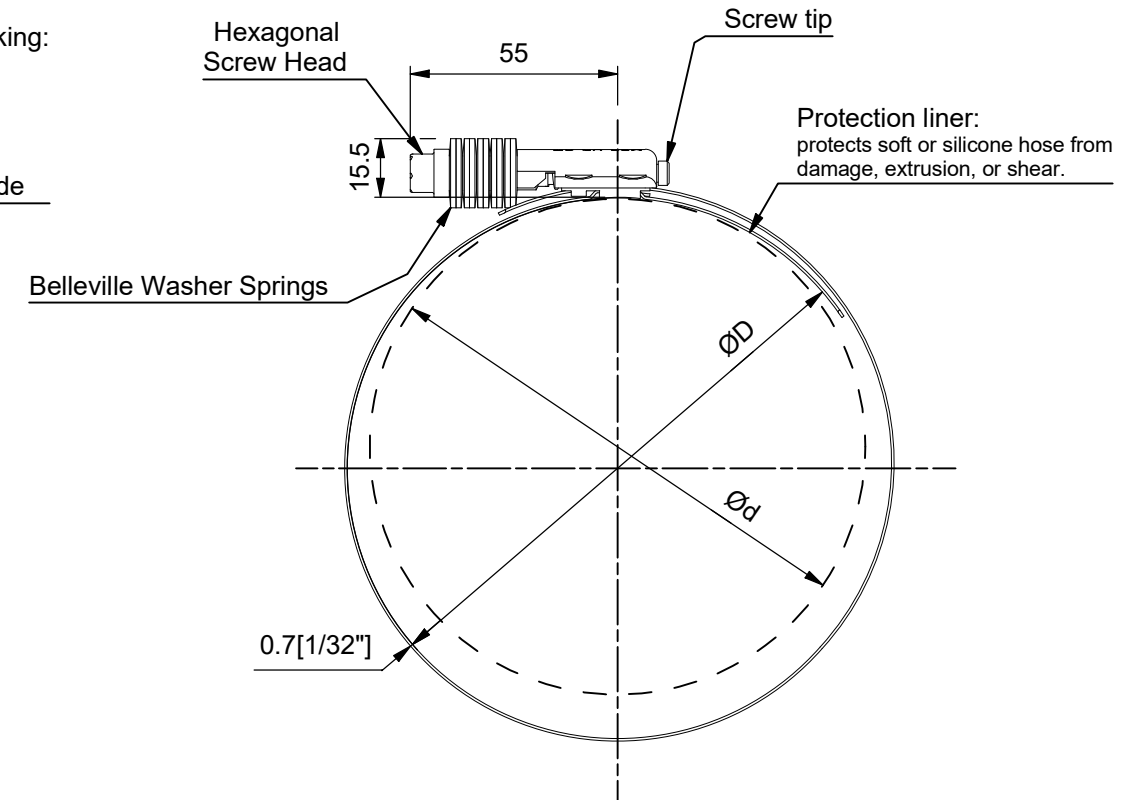
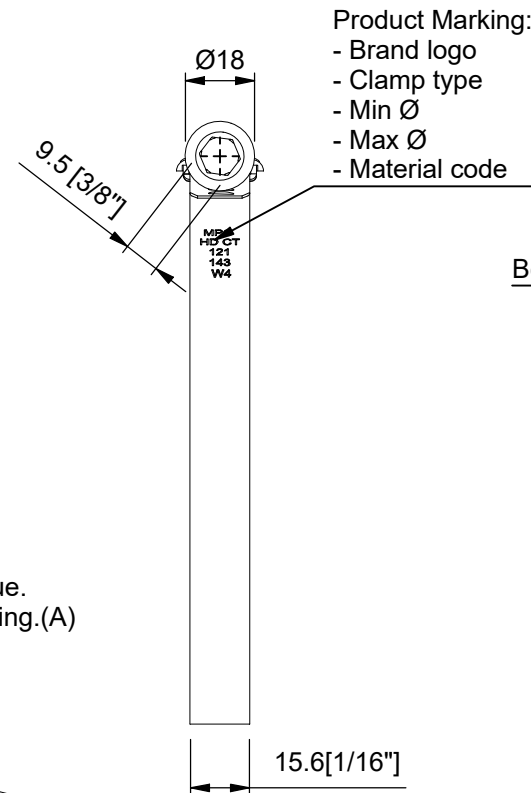
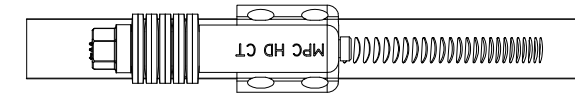




### Slotted area ( 1 : 1 )

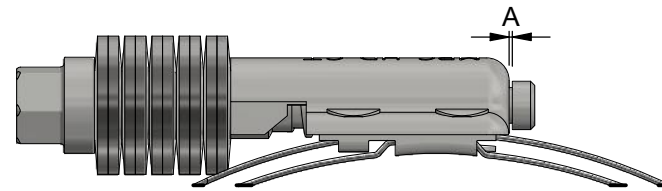


Rounding on the inside of the clamp to prevent incision in the hose



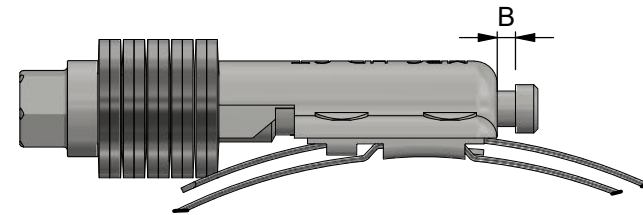
### Maximum Expansion

Clamps should be installed at  $\pm 5\text{Nm}$  of torque. Screw tip should slightly protrude from housing.(A)



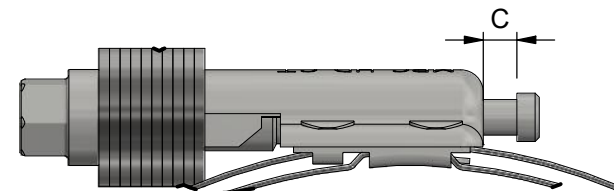
### Equal Expansion or Contraction

Clamps should be installed at  $\pm 10\text{Nm}$  of torque. Screw tip protrudes from housing (B) and Belleville springs are compressed half way.



### Maximum Contraction

Clamps should be installed at  $\pm 14\text{Nm}$  of torque. Screw tip extends well beyond housing (C) and Belleville springs are compressed to about 90%.



MPC HD Constant Torque Clamps sizes					
SAE SIZE	Effective Clamping range				MPC Industries P/N:
	dØ		ØD		
	mm	Inch	mm	Inch	
212	32	1 ¼	54	2 1/8	HDCT4032
262	45	1 ¾	67	2 5/8	HDCT4045
312	57	2 ¼	79	3 1/8	HDCT4057
362	70	2 ¾	92	3 5/8	HDCT4070
412	83	3 ¼	105	4 1/8	HDCT4083
462	95	3 ¾	118	4 5/8	HDCT4095
512	108	4 ¼	130	5 1/8	HDCT4108
562	121	4 ¾	143	5 5/8	HDCT4121
612	133	5 ¼	156	6 1/8	HDCT4133
662	146	5 ¾	168	6 5/8	HDCT4146
712	159	6 ¼	181	7 1/8	HDCT4159
762	172	6 ¾	194	7 5/8	HDCT4172
812	184	7 ¼	206	8 1/8	HDCT4184
862	197	7 ¾	219	8 5/8	HDCT4197
912	210	8 ¼	232	9 1/8	HDCT4210

Rev.	Date	Description	DESIGNER
B	13-2-2019	Added material W2 (aisi 430+carbon steel zn plated screw) and W5 (aisi 316) to this sheet	M. Wiersma
A	18/07/2018	Drawing renewed	C.P. Dijkstra

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General Tolerances: according to: DIN 2768-vL		<h1>Datasheet</h1>	
SURFACE TREATMENT AND OR PROTECTION:			
Material: W2, W4 and W5		Mass: N/A	
Filename: HDCT.dwg		Sheet: 1 / 1	
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Drawn by: Gy.Kardos	Creation date: 23-5-2017	Description: Technical data MPC HD-CT Clamp. Available in W2 (aisi 430 with steel Zn plated screw) W4 (all AISI 304) and W5 (All AISI 316)	
Checked by: M. Wiersma	Checked date: 28-5-2017		
Scale 1 : 2	Units: mm [inch]	Revision: <h1>B</h1> Format: <h1>A3</h1>	
Status: Released			