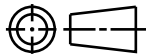


CATIA V5



REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN THE APPLICABLE NOMINAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
3. SHEET METAL THICKNESS RANGE: 0.60mm - 5.5mm
4. APPLICABLE HOLE SIZE:
A. 6.5mm +0.5/-0.4
5. FITS USCAR MATING HOLE EWCAP-007 (NOT A TEST SPEC)

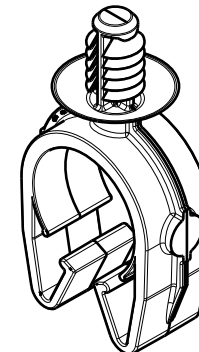
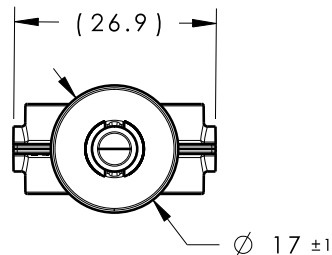
NOTES:

1. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
2. MAX ALLOWABLE MISMATCH OR FLUSH TO BE 0.5MM
3. MAX ALLOWABLE FLASH TO BE 0.1mm.

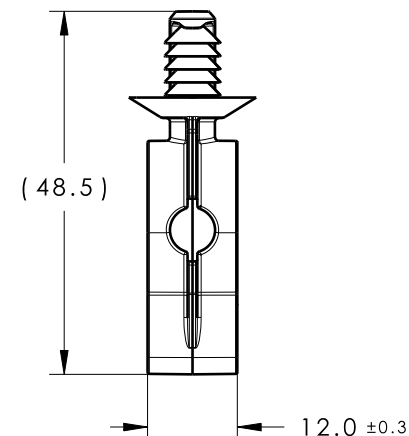
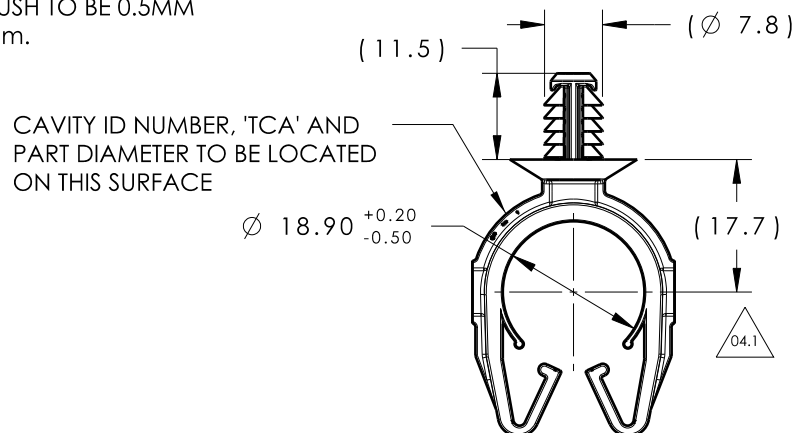
PATENT:

US D822,476 S
EU 003864313
CN 304373914 S

Revision Level			Revision Record	Changed	Date	Approved	Date
Drawing	State	Part					
04.1	Design Release	-	SEE ECN# 015790	JMC	03/04/20	NHK	03/04/20



ISOMETRIC VIEW



DIAMETER RANGE		
HARNESS	HOSE	HARD PIPE/TUBE
17.0MM-20.0MM	17.0MM-20.0MM	19.0MM-21.8MM

*RECOMMENDED SIZES MAY DIFFER DEPENDING ON THE APPLICATION, PRODUCT REQUIREMENTS AND MATERIALS USED

Material SEE CHART COLOR: SEE CHART	Units millimeters	The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton.	Drawn	CRB	08/09/16	Article/Type-No MOC19FT6.5		Scale 1:1		
	Tolerance defined on each dimension		Approved	EJH	09/30/16	Title 19MM (3/4") MOC WITH 6.5MM FIR TREE		Project Number 16-0322		
			<div>HellermannTyton</div> <div>North America</div> <div>Email: corp@htamericas.com</div> <div>Web: www.hellermann.tyton.com</div>					Drawing-No PRODUCTION : Phase	Format AH	
								16-0322-009-CSU		Sheet 1/1