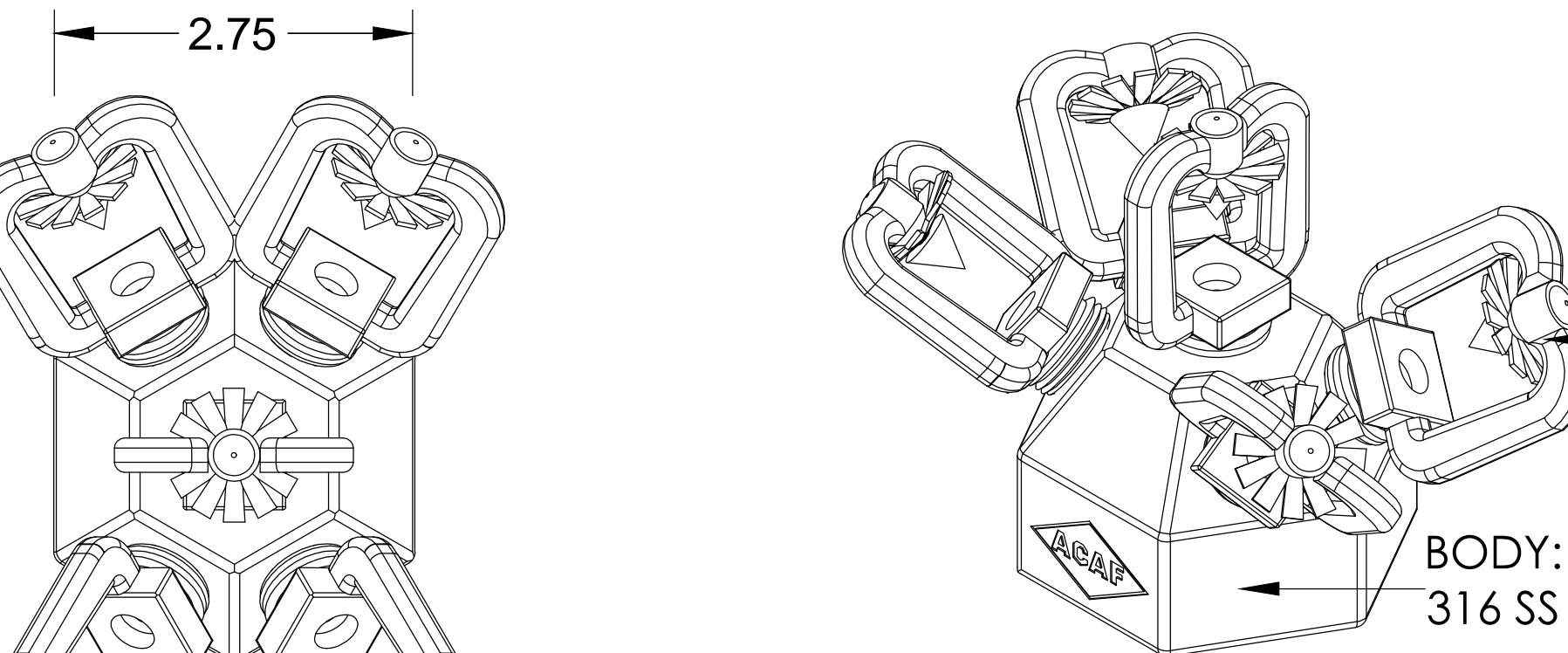
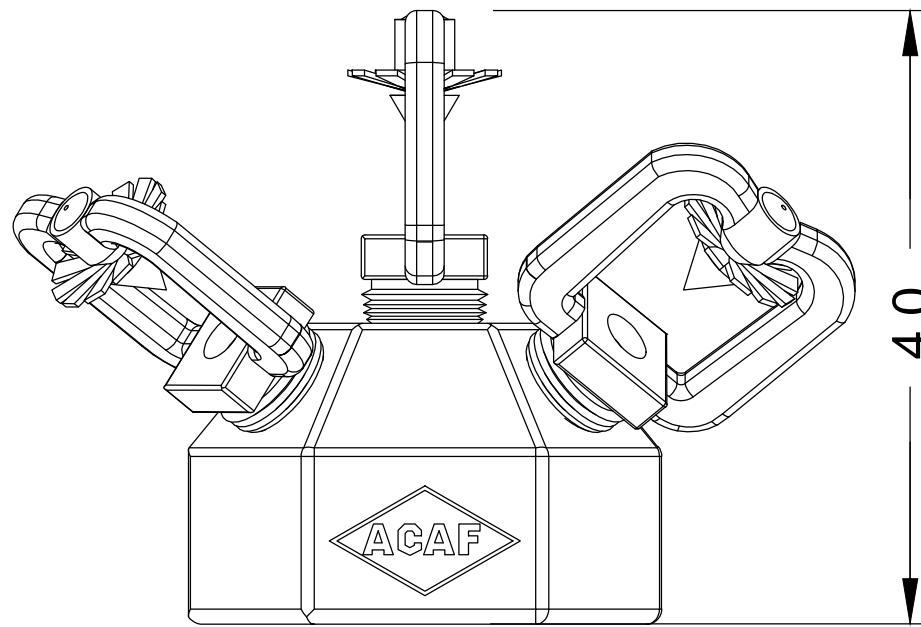


1-1/2" NPT  
TAPPED HOLE



ISOMETRIC: HDN-5  
WEIGHT: 1.3 KG



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UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES.  
FRACTIONAL  $\pm 1/32"$  ( $\pm .08$  mm)  
2 DECIMAL PLACES  $\pm .01"$  ( $\pm .3$  mm)  
3 DECIMAL PLACES  $\pm .005"$  ( $\pm .13$  mm)  
4 DECIMAL PLACES  $\pm .0005"$  ( $\pm .013$  mm)  
ANGLE  $\pm 30$  MIN.  
UNLESS OTHERWISE SPECIFIED ALL MACHINED SURFACES TO BE 63 $\downarrow$  OR BETTER.  
REMOVE ALL UNNECESSARY SHARP EDGES.



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DRAWN BY / DATE / DESIGNED BY / DATE  
LER / 04/05/2019 DBM / 04/05/2019  
CHK. -- / DATE -- / MAKE FROM: ED 6045

TITLE: HDN-5 NOZZLE DATA SHEET  
FM APPROVED APPLICATION: HORIZONTAL TYP. NOZZLE  
US PATENT No.: 7,712,542  
SCALE: NTS DRAWING NO.: HDN-5-DS-FM  
DRAWING UNIT: INCHES C.A.D. REV. B