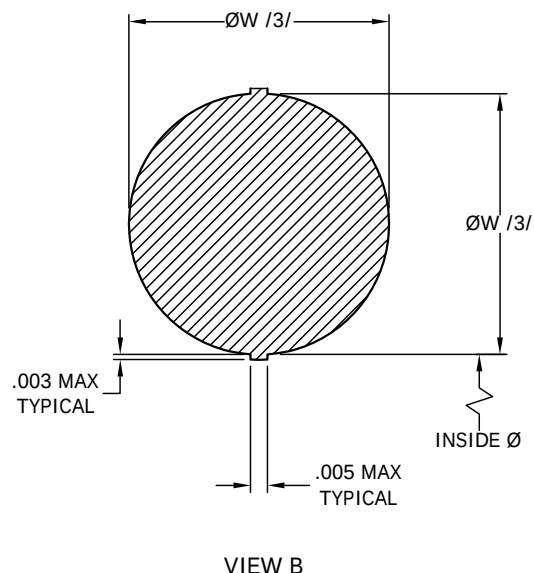
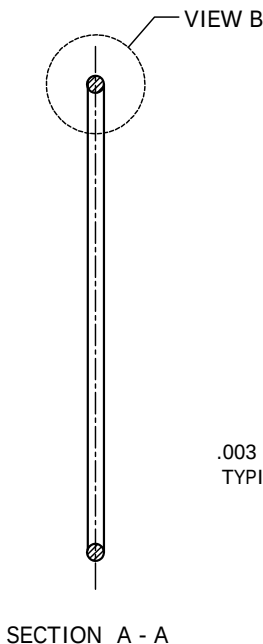
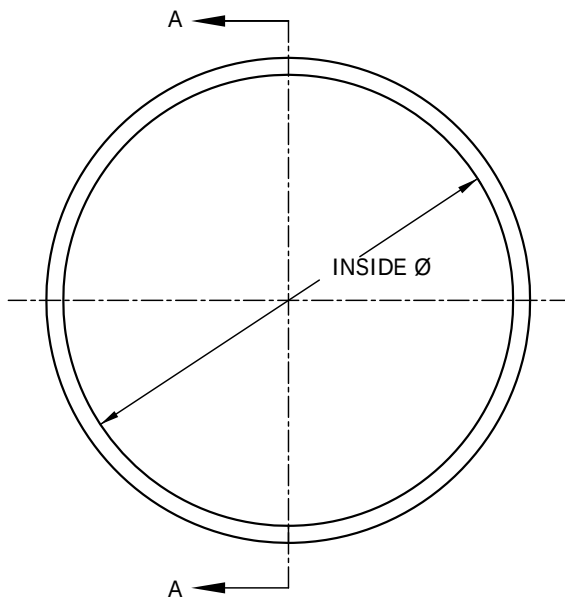


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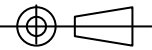
|                                                                                                                           |                                                                                                                                    |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <p>THIRD<br/>ANGLE<br/>PROJECTION</p>  | <p>CUSTODIAN<br/>NATIONAL AEROSPACE STANDARDS COMMITTEE</p>                                                                        | <p>REVISION<br/><b>12</b></p>                                                     |
| <p>PROCUREMENT<br/>SPECIFICATION<br/><br/>NAS1613</p>                                                                     | <p>TITLE<br/><br/><b>PACKING, ETHYLENE PROPYLENE, PREFORMED O-RING,<br/>PHOSPHATE ESTER RESISTANT (-65 °F TO 250 / 300 °F)</b></p> | <p>CLASSIFICATION<br/>PART STANDARD<br/><br/><b>NAS1611</b><br/>SHEET 1 OF 17</p> |

TABLE I – DASH NUMBER AND DIMENSIONS

| DASH NO.    | ØW   |       | INSIDE Ø |       |
|-------------|------|-------|----------|-------|
| Ø01<br>001A | .040 | ±.003 | .029     | ±.004 |
| Ø02<br>002A | .050 |       | .042     |       |
| Ø03<br>003A | .060 |       | .056     |       |
| Ø04<br>004A | .070 |       | .070     |       |
| Ø05<br>005A | .070 | ±.003 | .101     | ±.005 |
| Ø06<br>006A |      |       | .114     |       |
| Ø07<br>007A |      |       | .145     |       |
| Ø08<br>008A |      |       | .176     |       |
| Ø09<br>009A | .070 | ±.003 | .208     | ±.005 |
| Ø10<br>010A |      |       | .239     |       |
| Ø11<br>011A |      |       | .301     |       |
| Ø12<br>012A |      |       | .364     |       |
| Ø13<br>013A | .070 | ±.003 | .426     | ±.005 |
| Ø14<br>014A |      |       | .489     |       |
| Ø15<br>015A |      |       | .551     |       |
| Ø16<br>016A |      |       | .614     |       |
| Ø17<br>017A | .070 | ±.003 | .676     | ±.005 |
| Ø18<br>018A |      |       | .739     |       |
| Ø19<br>019A |      |       | .801     |       |
| Ø20<br>020A |      |       | .864     | ±.006 |
| Ø21<br>021A | .070 | ±.003 | .926     |       |
| Ø22<br>022A |      |       | .989     |       |
| Ø23<br>023A |      |       | 1.051    |       |
| Ø24<br>024A | .070 | ±.003 | 1.114    | ±.006 |
| Ø25<br>025A |      |       | 1.176    |       |
| Ø26<br>026A |      |       | 1.239    |       |

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| DASH NO.    | ØW   |       | INSIDE Ø |       |
|-------------|------|-------|----------|-------|
| 027<br>027A | .070 | ±.003 | 1.301    | ±.006 |
| 028<br>028A |      |       | 1.364    |       |
| 029<br>029A | .070 | ±.003 | 1.489    | ±.010 |
| 030<br>030A |      |       | 1.614    |       |
| 031<br>031A |      |       | 1.739    |       |
| 032<br>032A |      |       | 1.864    |       |
| 033<br>033A |      |       | 1.989    |       |
| 034<br>034A | .070 | ±.003 | 2.114    | ±.010 |
| 035<br>035A |      |       | 2.239    |       |
| 036<br>036A |      |       | 2.364    |       |
| 037<br>037A |      |       | 2.489    |       |
| 038<br>038A |      |       | 2.614    |       |
| 039<br>039A | .070 | ±.003 | 2.739    | ±.015 |
| 040<br>040A |      |       | 2.864    |       |
| 041<br>041A |      |       | 2.989    |       |
| 042<br>042A |      |       | 3.239    |       |
| 043<br>043A | .070 | ±.003 | 3.489    | ±.015 |
| 044<br>044A |      |       | 3.739    |       |
| 045<br>045A |      |       | 3.989    |       |
| 046<br>046A |      |       | 4.239    |       |
| 047<br>047A |      |       | 4.489    |       |
| 048<br>048A | .070 | ±.003 | 4.739    | ±.015 |
| 049<br>049A |      |       | 4.989    |       |
| 050<br>050A |      |       | 5.239    | ±.023 |

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| DASH NO.               | ØW   |       | INSIDE Ø |       |
|------------------------|------|-------|----------|-------|
| <del>102</del><br>102A | .103 | ±.003 | .049     | ±.005 |
| <del>103</del><br>103A |      |       | .081     |       |
| <del>104</del><br>104A |      |       | .112     |       |
| <del>105</del><br>105A |      |       | .143     |       |
| <del>106</del><br>106A |      |       | .174     |       |
| <del>107</del><br>107A | .103 | ±.003 | .206     | ±.005 |
| <del>108</del><br>108A |      |       | .237     |       |
| <del>109</del><br>109A |      |       | .299     |       |
| <del>110</del><br>110A |      |       | .362     |       |
| <del>111</del><br>111A |      |       | .424     |       |
| <del>112</del><br>112A | .103 | ±.003 | .487     | ±.005 |
| <del>113</del><br>113A |      |       | .549     |       |
| <del>114</del><br>114A |      |       | .612     |       |
| <del>115</del><br>115A |      |       | .674     |       |
| <del>116</del><br>116A |      |       | .737     |       |
| <del>117</del><br>117A | .103 | ±.003 | .799     | ±.006 |
| <del>118</del><br>118A |      |       | .862     |       |
| <del>119</del><br>119A |      |       | .924     |       |
| <del>120</del><br>120A |      |       | .987     |       |
| <del>121</del><br>121A |      |       | 1.049    |       |
| <del>122</del><br>122A | .103 | ±.003 | 1.112    | ±.006 |
| <del>123</del><br>123A |      |       | 1.174    |       |
| <del>124</del><br>124A |      |       | 1.237    |       |
| <del>125</del><br>125A |      |       | 1.299    |       |
| <del>126</del><br>126A |      |       | 1.362    |       |
| <del>127</del><br>127A |      |       | 1.424    |       |

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| DASH NO.               | ØW   |       | INSIDE Ø |       |
|------------------------|------|-------|----------|-------|
| <del>128</del><br>128A | .103 | ±.003 | 1.487    | ±.010 |
| <del>129</del><br>129A |      |       | 1.549    |       |
| <del>130</del><br>130A |      |       | 1.612    |       |
| <del>131</del><br>131A |      |       | 1.674    |       |
| <del>132</del><br>132A |      |       | 1.737    |       |
| <del>133</del><br>133A | .103 | ±.003 | 1.799    | ±.010 |
| <del>134</del><br>134A |      |       | 1.862    |       |
| <del>135</del><br>135A |      |       | 1.925    |       |
| <del>136</del><br>136A |      |       | 1.987    |       |
| <del>137</del><br>137A | .103 | ±.003 | 2.050    | ±.010 |
| <del>138</del><br>138A |      |       | 2.112    |       |
| <del>139</del><br>139A |      |       | 2.175    |       |
| <del>140</del><br>140A |      |       | 2.237    |       |
| <del>141</del><br>141A |      |       | 2.300    |       |
| <del>142</del><br>142A | .103 | ±.003 | 2.362    | ±.010 |
| <del>143</del><br>143A |      |       | 2.425    |       |
| <del>144</del><br>144A |      |       | 2.487    |       |
| <del>145</del><br>145A |      |       | 2.550    |       |
| <del>146</del><br>146A |      |       | 2.612    |       |
| <del>147</del><br>147A | .103 | ±.003 | 2.675    | ±.015 |
| <del>148</del><br>148A |      |       | 2.737    |       |
| <del>149</del><br>149A |      |       | 2.800    |       |
| <del>150</del><br>150A |      |       | 2.862    |       |
| <del>151</del><br>151A |      |       | 2.987    |       |
| <del>152</del><br>152A |      |       | 3.237    |       |

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| DASH NO.               | ØW   |       | INSIDE Ø |       |
|------------------------|------|-------|----------|-------|
| <del>153</del><br>153A | .103 | ±.003 | 3.487    | ±.015 |
| <del>154</del><br>154A |      |       | 3.737    |       |
| <del>155</del><br>155A |      |       | 3.987    |       |
| <del>156</del><br>156A |      |       | 4.237    |       |
| <del>157</del><br>157A | .103 | ±.003 | 4.487    | ±.015 |
| <del>158</del><br>158A |      |       | 4.737    |       |
| <del>159</del><br>159A |      |       | 4.987    |       |
| <del>160</del><br>160A | .103 | ±.003 | 5.237    | ±.023 |
| <del>161</del><br>161A |      |       | 5.487    |       |
| <del>162</del><br>162A |      |       | 5.737    |       |
| <del>163</del><br>163A |      |       | 5.987    |       |
| <del>164</del><br>164A |      |       | 6.237    |       |
| <del>165</del><br>165A |      |       | 6.487    |       |
| <del>166</del><br>166A |      |       | 6.737    |       |
| <del>167</del><br>167A |      |       | 6.987    |       |
| <del>168</del><br>168A | .103 | ±.003 | 7.237    | ±.030 |
| <del>169</del><br>169A |      |       | 7.487    |       |
| <del>170</del><br>170A |      |       | 7.737    |       |
| <del>171</del><br>171A |      |       | 7.987    |       |
| <del>172</del><br>172A | .103 | ±.003 | 8.237    | ±.030 |
| <del>173</del><br>173A |      |       | 8.487    |       |
| <del>174</del><br>174A |      |       | 8.737    |       |
| <del>175</del><br>175A |      |       | 8.987    |       |
| <del>176</del><br>176A |      |       | 9.237    |       |
| <del>177</del><br>177A |      |       | 9.487    |       |
| <del>178</del><br>178A |      |       | 9.737    |       |

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