

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 47

AIRCRAFT TOILET FLUSHING  
AND DRAINING CONNECTIONS

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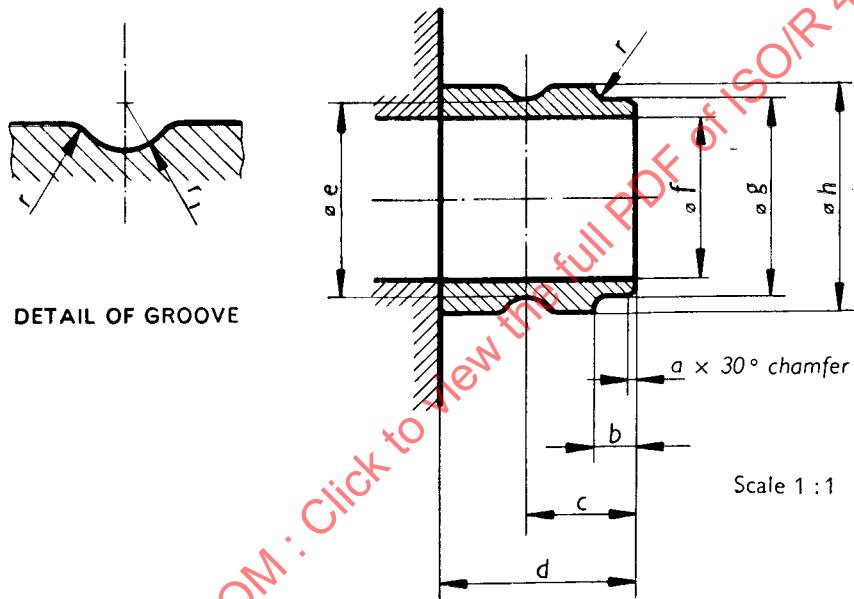
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## AIRCRAFT TOILET FLUSHING AND DRAINING CONNECTIONS

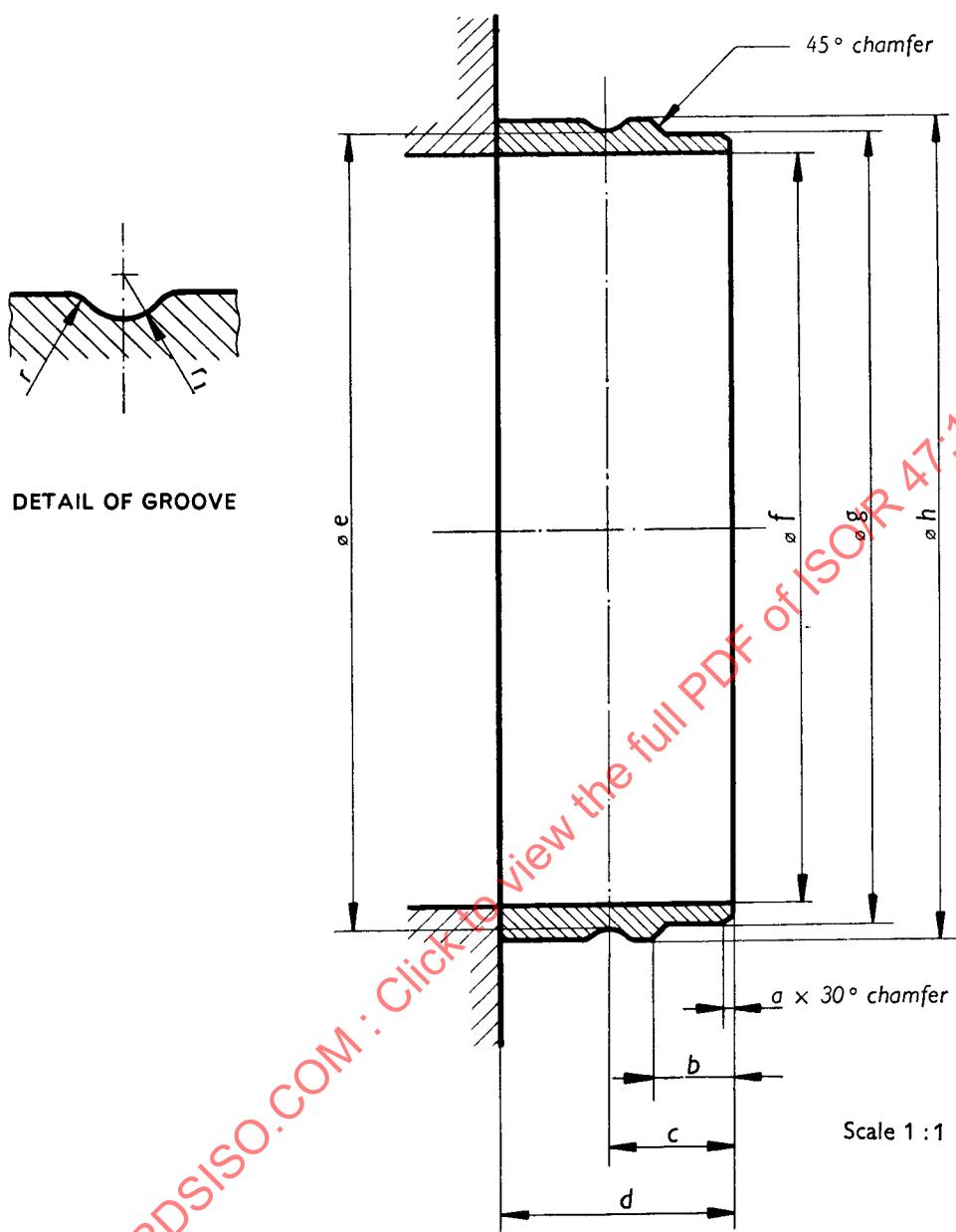
Minimum requirements and basic dimensions of aircraft toilet flushing and draining connections are shown in the figures and tables below. Allowance is to be made for clearance of the ground unit.

### 1. FLUSHING CONNECTION



Dimensions	Inches	Millimetres	Dimensions	Inches	Millimetres
<i>a</i>	0.032 ± 0.005	0.81 ± 0.13	<i>f</i>	0.840 +0.005 -0	21.34 +0.13 -0
<i>b</i>	0.218 ± 0.005	5.54 ± 0.13	<i>g</i>	1.031 +0 -0.005	26.19 +0 -0.13
<i>c</i>	0.562 ± 0.005	14.28 ± 0.13	<i>h</i>	1.187 -0.005 -0.010	30.15 -0.13 -0.25
<i>d</i>	1.0 min.	25.4 min.	<i>r</i>	1/16	1.6
<i>e</i>	1.031 +0 -0.005	26.19 +0 -0.13	<i>r</i> <sub>1</sub>	1/8	3.2

## 2. DRAINING CONNECTION



Dimensions	Inches	Millimetres	Dimensions	Inches	Millimetres
$a$	$0.03 \pm 0.005$	$0.76 \pm 0.13$	$f$	$4.0 \pm 0.015$	$101.6 \pm 0.38$
$b$	$0.34 \pm 0.005$	$8.64 \pm 0.13$	$g$	$4.20 - 0.005$ $- 0.010$	$106.68 - 0.13$ $- 0.25$
$c$	$0.64 \pm 0.005$	$16.26 \pm 0.13$	$h$	$4.375 - 0.005$ $- 0.010$	$111.13 - 0.13$ $- 0.25$
$d$	1.22 min.	31 min.	$r$	$1/16$	1.6
$e$	$4.25 - 0.005$ $- 0.010$	$107.95 - 0.13$ $- 0.25$	$r_1$	$1/8$	3.2