

# ISO 3601-2:2008-06 (E)

## Fluid power systems - O-rings - Part 2: Housing dimensions for general applications

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Symbols .....	2
5	O-ring housings .....	3
5.1	Typical O-ring applications .....	3
5.2	Surface roughness .....	6
5.3	Housing dimensions .....	6
5.4	Corners and edges of undefined shape .....	8
5.5	Lead-in chamfer .....	9
5.6	Calculation of housing dimensions for radial sealing applications .....	9
6	Requirements .....	13
6.1	Housing dimensions .....	13
6.2	Determining O-ring size for custom housing dimensions .....	14
6.3	Gland fill consideration in design of housings .....	14
6.4	Temperature consideration in design of housings .....	14
7	Identification statement .....	14
Annex A (informative) Correlation of ISO 3601-1 aerospace O-ring size identification code with EN 3748 O-ring housing codes .....		37
Annex B (informative) How to determine the proper O-ring size for custom housings used for radial and axial applications .....		38
Bibliography .....		44