

Second edition
2016-12-01

Connections for general use and fluid power — Ports and stud ends with ISO 261 threads with elastomeric or metal-to-metal sealing —

**Part 4:
Dimensions, design, test methods and requirements for external hex and internal hex port plugs**

Raccordements pour applications générales et transmissions hydrauliques et pneumatiques — Orifices et éléments mâles à filetage ISO 261 et joint en élastomère ou étanchéité métal sur métal —

Partie 4: Dimensions, conception, méthodes d'essai et exigences des bouchons d'orifice à six pans externes et à six pans internes



Reference number
ISO 9974-4:2016(E)



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Dimensions	2
4.1 Plug dimensions	2
4.2 Hex tolerances	2
4.3 Screw threads	2
5 Requirements	2
5.1 Working pressures and working temperatures	2
5.2 Performance	2
6 Elastomeric sealing	3
7 Test methods	3
8 Designation of port plugs	3
9 Manufacture	3
9.1 Construction	3
9.2 Workmanship	3
9.3 Finish	4
10 Procurement information	4
11 Marking	4
12 Identification statement (reference to this document)	4
Annex A (informative) Elastomeric sealing for use with ISO 9974-4 port plugs	9
Bibliography	10