

DIN EN 14420-7:2007-04 (E)

Hose fittings with clamp units - Part 7: Cam locking couplings (includes Amendment A1:2007)

Contents	Page
page Foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Requirements	5
3.1 Construction	5
3.2 Temperatures	6
4 Survey	6
5 Types of connection, survey	8
6 Designation	9
7 Dimensions	9
7.1 General	9
7.2 Coupler types	9
7.3 Cam arm (item No 2)	12
7.4 Pin (item No 3)	13
7.5 Ring (item No 4)	14
7.6 Main gasket (item No 5)	14
7.7 Thread gasket (item No 6)	15
7.8 Adapter types	15
8 Materials	19
8.1 General	19
8.2 Coupler and adapter body	19
8.3 Cam arm (item No 2)	19
8.4 Pin (item No 3)	19
8.5 Ring (item No 4)	19
8.6 Main gasket (item No 5)	19
8.7 Thread gasket (item No 6)	20
9 Marking	20
10 Type approval testing and quality control	20
Annex A (normative) Gauges for cam-locking couplings	21
A.1 Dimensions and designation	21
A.2 Material	22
Bibliography	23