

DIN EN 14420-7:2022-10 (E)

Hose fittings with clamp units - Part 7: Cam locking couplings

Contents	Page
European foreword	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	6
4 Requirements	7
4.1 Construction	7
4.2 Temperatures	7
5 Survey	7
6 Types of connection	9
7 Designation	10
8 Dimensions	10
8.1 General	10
8.2 Coupler types	10
8.3 Cam arm (item No. 2)	16
8.4 Pin (item No. 3)	18
8.5 Ring (item No. 4)	18
8.6 Main gasket (item No. 5)	19
8.7 Thread gasket (item No. 6)	20
8.8 Adapter types	20
9 Materials	25
9.1 General	25
9.2 Coupler and adapter body	25
9.3 Cam arm (item No. 2)	26
9.4 Pin (item No. 3)	26
9.5 Ring (item No. 4)	26
9.6 Main gasket (item No. 5)	26
9.7 Thread gasket (item No. 6)	26
10 Marking	27
11 Type testing and quality control	27
Annex A (normative) Gauges for cam -locking couplings	28
Bibliography	30