

DIN EN 14423:2013-09 (E)

Clamp type coupling assemblies for use with steam hoses rated for pressures up to 18 bar

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	General requirements	6
5	Design and designation of coupling assemblies	6
5.1	Design	6
5.2	Ordering designation system	9
6	Hose dimensions	9
7	Design and dimensions	9
7.1	General	9
7.2	Tail end fittings	10
7.3	Connectors	10
7.4	Clamps	17
8	Bolts and nuts	20
9	Materials	20
9.1	Tail end fittings	20
9.2	Weld-neck collars and flanges according to EN 1092-1	21
9.3	Loose flanges according to EN 1092-1	22
9.4	Union nuts	22
9.5	Wire ring	22
9.6	Gaskets	22
9.7	Clamps	22
9.8	Bolts and nuts	23
10	Marking	23
10.1	Hose fittings	23
10.2	Weld-neck collars and loose flanges	23
10.3	Union nuts	23
10.4	Clamps	23
11	Type testing and quality control	24
11.1	General	24
11.2	Type-test	24
11.3	Sampling	24
12	Mounting of hose fittings	24
Bibliography		25