

DIN EN 14420-6:2007-04 (E)

Hose fittings with clamp units - Part 6: TW tank truck couplings (includes Amendment A1:2007)

Contents		Page
page Foreword		3
1	Scope	4
2	Normative references	4
3	Survey	4
4	Dimensions, designations	5
4.1	Hose fittings with TW couplings	5
4.1.1	General	5
4.1.2	Hose tail with female TW coupling	6
4.1.3	Hose tail with male TW coupling	7
4.1.4	Protecting ring	8
4.2	Male coupling (type VK)	9
4.2.1	General	9
4.2.2	Components	10
4.3	Female coupling (type MK)	12
4.3.1	Female coupling (type MK) DN 50 and DN 80	12
4.3.2	Female coupling (type MK) DN 100	13
4.3.3	Designation	14
4.3.4	Components	14
4.4	Dust cap (type MB)	20
4.4.1	General	20
4.4.2	Components	22
4.5	Dust plug (type VB)	24
4.5.1	General	24
4.5.2	Components	25
5	Materials	28
5.1	General	28
5.2	Hose tail types MKST and VKST	28
5.3	Protecting rings of hose tail type MKST and VKST	28
5.4	Thread sealing ring of male coupling type VK	28
5.5	Fastening component of female coupling type MK	28
5.6	Sealing ring of female coupling type MK	29
6	Design	29
7	Type approval testing and quality control	29
7.1	General	29
7.2	Testing for trueness to gauge size	30
8	Marking	30
9	Fitting of hose couplings	30
	Annex A (normative) Gauges for TW tank truck couplings	31
A.1	General	31
A.2	Design; designation, dimensions and materials	31

A.2.1	General	31
A.2.2	Gauge for sealing ring	32
A.2.3	Gauge for tension rings	36
A.2.4	Gauge for curved pieces and plugs	38
A.2.5	Calliper for caps	41
A.3	Marking	43
	Bibliography	44