

DIN 3387-1:2008-11 (E)

Separable unthreaded pipe connections for metal gas pipes - Part 1: Connections for pipes with smooth ends

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	9
3.1	General definitions	9
3.2	Terms relating to flexibility	10
3.3	Terms for axial strength	10
4	Requirements and tests	10
4.1	General	10
4.2	Materials	11
4.3	Design	13
4.4	Leak-tightness	18
4.5	Internal pressure resistance	18
4.6	Flexibility	19
4.7	Axial strength	21
4.8	Vibrational resistance	22
4.9	Operating temperatures	23
4.10	Cyclic endurance	23
5	Testing	24
5.1	Test laboratories	24
5.2	Types of test	24
5.3	Test objects and test documents	24
6	Labelling and installation instructions	24
6.1	Labelling	24
6.2	Installation instructions	25
(normative)		26Annex A
A.1	General	26
A.2	Materials for connector bodies, lock nuts and similar clamping devices	26
A.3	Leak-tightness test	27
(normative) Smooth-end connectors with MOP 16 bar		28Annex B
B.1	Materials for connector bodies, lock nuts and similar clamping devices	28
B.2	Leak-tightness test	29
Annex C (normative) Smooth-end connectors with MOP 250 bar		30
C.1	Materials for connector bodies, lock nuts and similar clamping devices	30
C.2	Leak-tightness test	31
Annex D (informative) Explanatory notes		32