

DIN EN 1123-2:2007-12 (E)

Pipes and fittings of longitudinally welded hot-dip galvanized steel tube with spigot and socket for waste water systems - Part 2: Dimensions (includes Amendment A1:2007)

| Contents | | Page |
|--------------------|---|-------------|
| Foreword | | 4 |
| Introduction | | 5 |
| 1 | Scope | 6 |
| 2 | Normative references | 6 |
| 3 | Terms and definitions | 6 |
| 4 | Symbols and abbreviations | 7 |
| 5 | Dimensions | 7 |
| 5.1 | General and tolerances | 7 |
| 5.2 | Sockets | 9 |
| 5.3 | Pipes | 10 |
| 5.3.1 | General | 10 |
| 5.3.2 | Pipe with one socket -- Shape B 1 | 11 |
| 5.3.3 | Pipe with two sockets -- Shape B 2 | 12 |
| 5.4 | Bends | 12 |
| 5.4.1 | General | 12 |
| 5.4.2 | Bend with large radius -- Shape C 1 | 13 |
| 5.4.3 | Bend with small radius -- Shape C 2 | 14 |
| 5.4.4 | Bend with stilling section -- Shape C 3 | 15 |
| 5.4.5 | Offset pipe -- Shape C 4 | 16 |
| 5.5 | Branches | 17 |
| 5.5.1 | General | 17 |
| 5.5.2 | Single branch -- Shape D 1 | 17 |
| 5.5.3 | Reducing single branch -- Shape D 11 | 19 |
| 5.5.4 | Reducing double branch -- Shape D 21 | 21 |
| 5.5.5 | Reducing angular branch -- Shape D 31 | 23 |
| 5.5.6 | Single transition branch -- Shape D 12 | 24 |
| 5.6 | Connections | 25 |
| 5.6.1 | General | 25 |
| 5.6.2 | Connecting units for use with discharge sets of sanitary appliances | 25 |
| 5.6.3 | Connecting units for use with other kinds of pipes | 32 |
| 5.7 | Transition pipes | 39 |
| 5.7.1 | General | 39 |
| 5.7.2 | Transition pipe (eccentric) -- Shape F 1 | 40 |
| 5.7.3 | Transition pipe (concentric) -- Shape F 2 | 41 |
| 5.7.4 | Transition pipe (concentric) with extended spigot -- Shape F 3 | 42 |
| 5.7.5 | Straight coupling -- Shape F 4 | 43 |
| 5.7.6 | Insertion coupling with long socket -- Shape F 5 | 43 |
| 5.8 | Traps | 44 |
| 5.8.1 | P-trap -- Shape G 1 | 44 |
| 5.8.2 | S-trap -- Shape G 2 | 45 |
| 5.8.3 | Pipe bridge (V-trap) -- Shape G 3 | 46 |
| 5.8.4 | Rainpipe trap (type A) -- Shape G 4 | 47 |
| 5.8.5 | Rainpipe trap -- Shape G 5 | 48 |

| | | |
|-------|---|----|
| 5.9 | Access pipes | 49 |
| 5.9.1 | Access pipe with round cleaning hole -- Shape H 1 | 49 |
| 5.9.2 | Access pipe with rectangular cleaning hole -- Shape H 2 or with oval cleaning hole -- Shape H 3 | 50 |
| 5.10 | Other fittings | 50 |
| 6 | Accessories | 51 |
| 6.1 | Shear coupling | 51 |
| 6.1.1 | Shear coupling A -- Shape K 1 | 51 |
| 6.1.2 | Shear coupling B -- Shape K 2 | 51 |
| 6.1.3 | Shear coupling with release -- Shape K 3 | 52 |
| 6.1.4 | Shear coupling C -- Shape K 4 | 53 |
| 6.2 | Plug | 53 |
| 6.2.1 | Plug -- Shape K 10 | 53 |
| 6.2.2 | Plug with extended spigot -- Shape K 11 | 55 |
| 6.2.3 | Plug with screw top -- Shape K 12 | 56 |
| 7 | Seals | 56 |
| 7.1 | General | 56 |
| 7.2 | Seal for DN 40 to DN 200 -- Shape M 1 | 56 |
| 7.3 | Seals -- Shape M 2 for DN 250 and DN 300 | 57 |
| 7.4 | Elastomeric pressure ring for DN 250 and DN 300 -- Shape M 3 | 58 |
| 7.5 | Transition seal from steel pipe special socket to plastic discharge pipe -- Shape E 12 D .. | 59 |
| 7.6 | Gasket for round cleaning hole in access pipes of shape H 1 -- Shape H 1 D | 60 |
| 7.7 | Gasket for rectangular cleaning hole -- Shape H 2 D and gasket for oval cleaning hole -- Shape H 3 D | 61 |