

Abstract

Scaffolding pipe of a structural scaffolding system and scaffolding element

The invention relates to a scaffolding pipe (10) of a structural scaffolding system having a pipe axis (A) which extends from a first axial pipe end (12) to an opposing second axial pipe end (14), a receiving portion (16) which is provided on the first axial pipe end (12) and an insertion portion (18) which is provided on the second axial pipe end (14) and which has a reduced cross-section compared with the receiving portion (16) and terminates with a radial shoulder (22) which forms a support face (24) which is directed towards the insertion portion (18), the inner diameter ($d_{1,i}$) of the receiving portion (16) being greater than the outer diameter ($d_{2,a}$) of the insertion portion (18) so that an adjacent scaffolding pipe (10) having an identical insertion portion (18) can be inserted into the receiving portion (16). The receiving portion (16) at the first axial pipe end (12) has precisely one positioning groove (26) which is interrupted or continuous in a peripheral direction and which reduces the inner diameter ($d_{1,i}$) of the receiving portion (16) and which defines the minimum inner diameter ($d_{1,i,min}$) of the receiving portion (16). Alternatively or in addition, a pipe wall (34) of the scaffolding pipe (10) has at the first axial pipe end (12) a maximum wall thickness (s_{max}) and otherwise a smaller wall thickness (s).

Figure 3