

System for connecting rigid pipes and for connecting flexible pipes, and fittings for such a system

A b s t r a c t

The invention relates to a system for connecting rigid pipes (4) and for connecting
5 flexible pipes (6), wherein the pipes (4, 6) have corresponding outer diameters, with a
press jaw (10; 110) having a press contour (8; 108), with at least one first fitting (20;
120) for press-fitting to a rigid pipe (4), the at least one first fitting (20; 120) having a
first press sleeve (21; 121) with a first outer contour (22; 122), with at least one second
fitting (40; 140) for press-fitting to a flexible pipe (6), the at least one second fitting (40;
10 140) having a second press sleeve (22; 122) with a second outer contour (22; 122), the
at least one second fitting (40; 140) having a second press sleeve (22; 122) with a
second outer contour (22; 122) 140) has a second press sleeve (41; 141) with a second
outer contour (42; 142), the outer contour (22; 122) of the first press sleeve (21; 121)
and the outer contour (42; 142) of the second press sleeve (41; 141) in each case being
15 adapted at least in sections to the press contour (8; 108) of the press jaw (10; 10); 108)
of the press jaw (10; 110) and can be pressed by the press jaw (10; 110) and wherein
the outer contours (22; 122; 42; 142) of the first press sleeve (21; 121) and of the
second press sleeve (41; 141) correspond at least in sections. This system solves the
technical problem of simplifying the on-site effort for installing piping systems. In
20 particular, the task is to specify suitable combinations of fittings for rigid and flexible
pipes.

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FIG. 1a