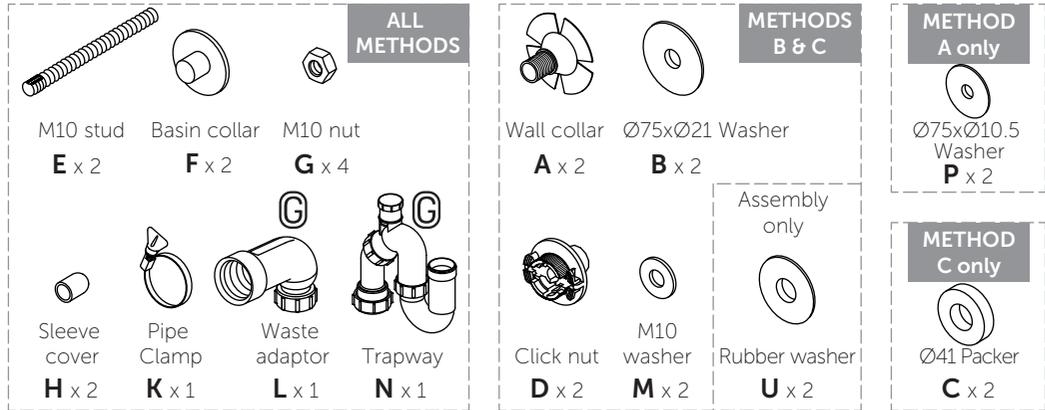
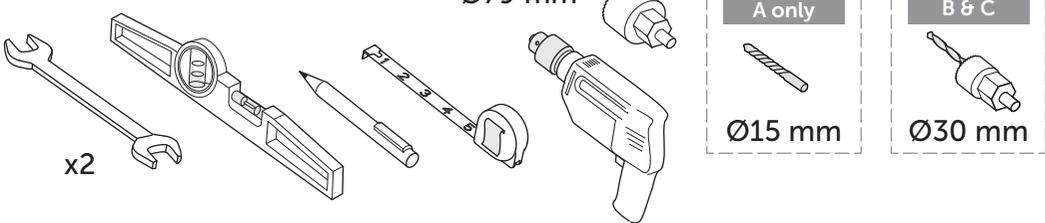


Supplied parts:

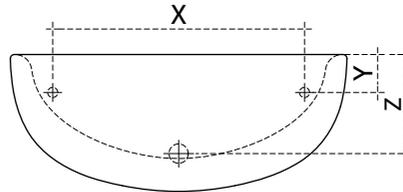


Items marked **G** contain a silver biocide antimicrobial substance

Required tools:



Drilled hole dimensions:



	X	Y	Z
S0430			
S0431	375	55	145
S0432			
S0444	475	55	145
S0433	290	55	145
S0435			

National Plumbing & Drainage code:

The product covered by this installation instruction must be installed as described and in accordance with relevant local regulations. Installations not complying may void the product performance & warranty. Armitage Shanks strongly recommends that this product is fitted by a professional installer. The product is designed to meet the requirements of BS EN 274:2002 and is to be used for waste water only. To install, tighten each nut [G] with a torque no greater than 20Nm and pipe securing clip [K] no greater than 3Nm. Check for water tightness. Waste pipes must be supported; do not connect to the trap without sufficient support. Service temperature range 15°C to 90°C. Maximum operating pressure 10kPA (0.1bar).



Armitage Shanks

Armitage
Rugeley
Staffordshire
WS15 4BT
England
+44 (0)154 349 0253

Customer Care Helpline
+44 (0)154 341 3266
Customer Care Fax
+44 (0)154 341 3240

Customer Care Email
aftersalesnonresidential@armitageshanks.co.uk

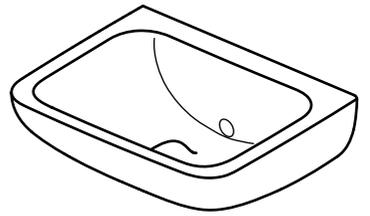
Armitage Shanks pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specification without notice.

SmartGuard

**Panel Fixation & 1¼ Waste Connection
Assembly and Installation Instruction**

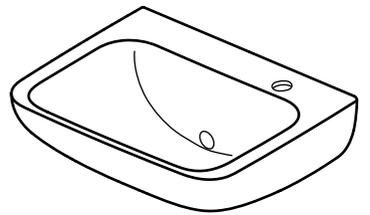
METHOD A

Back of panel accessible from inside the room



METHOD B

12 to 22mm thick panel - back of panel not accessible from inside the room



METHOD C

26 to 36mm thick panel - back of panel not accessible from inside the room

Items in this pack contain a silver biocide antimicrobial substance

**S0430, S0444, S0431,
S0433 & S0435**



METHOD A Back of panel accessible from inside the room

1 $\varnothing 15\text{mm}$ $\varnothing 79\text{mm}$
Check hole is not outside basin wall-print.

2 Hand tighten until sleeve cover **H** touches back of basin.

3 Ensure the ceramic outlet spigot and adaptor **L** are free from dirt and grease before assembly.
DO NOT use waterproof (silicone) sealants.

4 Bend adaptor **L** to fit through $\varnothing 79$ hole.
Trapway can be turned to suit waste pipe connection requirements. Waste pipes must have sufficient support before connection.

5 Bend adaptor **L** to fit through $\varnothing 79$ hole. The M10 stud **E** will push & click in place.

6 Check for water leaks before completing installation.
See methods B & C for installations where the back of the panel can not be reached from inside the room.

METHOD B 12 to 22mm thick panel - back of panel not accessible from inside the room

1 $12-22\text{mm}$ $\varnothing 30\text{mm}$ $\varnothing 79\text{mm}$
Check hole is not outside basin wall-print.

2 Use rubber washer **U** pushed through hole to hold components **A, E & G** in place while accessing back of panel.

3 Hand tighten until sleeve cover **H** touches back of basin.

4 Ensure the ceramic outlet spigot and adaptor **L** are free from dirt and grease before assembly.
DO NOT use waterproof (silicone) sealants.

5 Bend adaptor **L** to fit through $\varnothing 79$ hole. The M10 stud **E** will push & click in place.

6 Check for water leaks before completing installation.

METHOD C 26 to 36mm thick panel - back of panel not accessible from inside the room

1 $26-36\text{mm}$ $\varnothing 30\text{mm}$ $\varnothing 79\text{mm}$
Check hole is not outside basin wall-print.

2 Use rubber washer **U** pushed through hole to hold components **A, E & G** in place while accessing back of panel.

3 Hand tighten until sleeve cover **H** touches back of basin.

4 Ensure the ceramic outlet spigot and adaptor **L** are free from dirt and grease before assembly.
DO NOT use waterproof (silicone) sealants.

5 Bend adaptor **L** to fit through $\varnothing 79$ hole. The M10 stud **E** will push & click in place.

6 Check for water leaks before completing installation.