aalberts integrated piping systems

VSH FastFix

Flamcofix



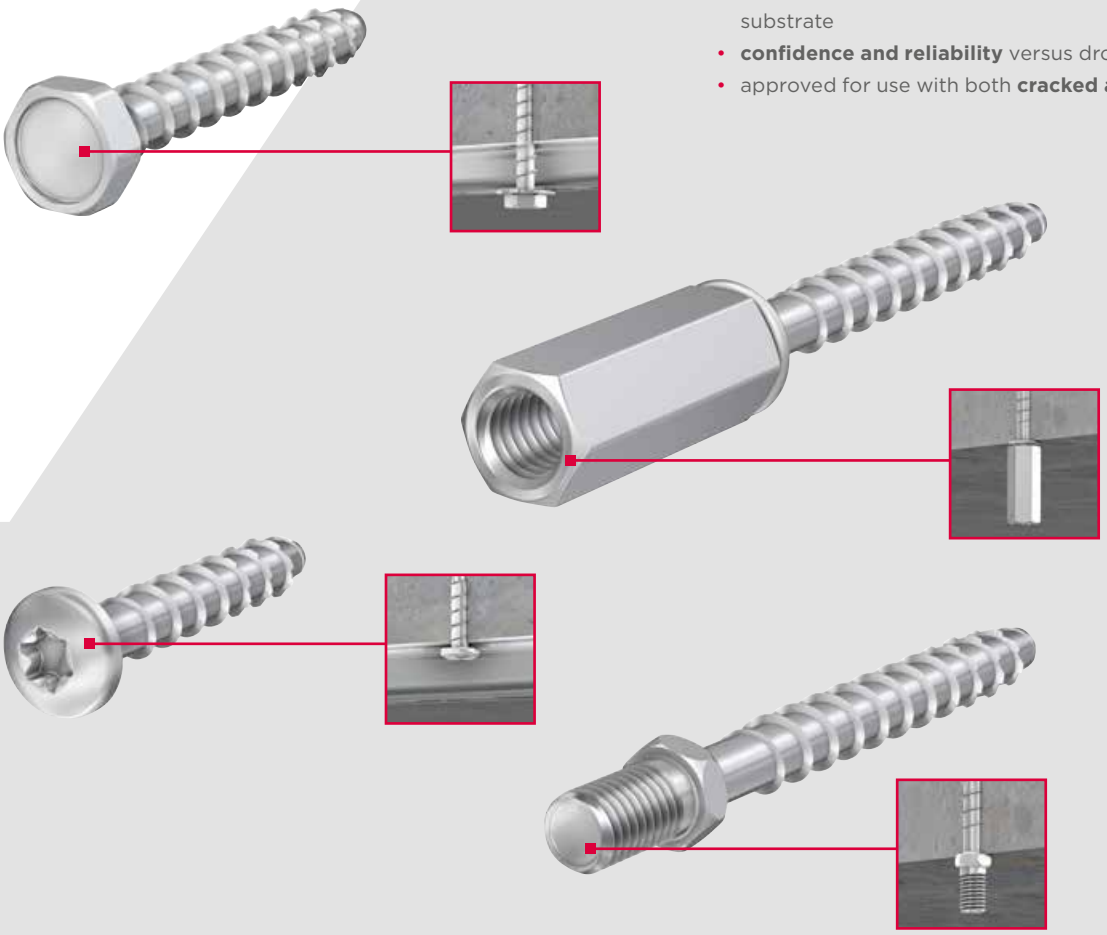
fast, compact, complete mounting solutions

UK brochure

components range

SCS concrete screws

An efficient fastening system for concrete and brickwork, with ETA approval which uses a simplified and direct fitting approach to anchoring technology, without the need for plugs, setting tools, or resins.



advantages

- **significant time savings** with a simple installation process
- **low torquing levels** minimising the spread of pressure to the substrate
- **confidence and reliability** versus drop-in anchors
- approved for use with both **cracked and uncracked concrete**

key features

- **fast and efficient:** creates a secure fastening without spread pressure in half the time
- **versatile application:** can be used close to edges and with recycled building materials
- **no torque wrench needed:** simplifies the installation process
- ***ETA approved:** see application details

benefits

- no curing time required, allowing the anchor to be loaded immediately
- fastening from inside the rail is always possible
- no prescribed turning torque monitoring required
- saves up to **50%** of installation time
- can be fully **disassembled**

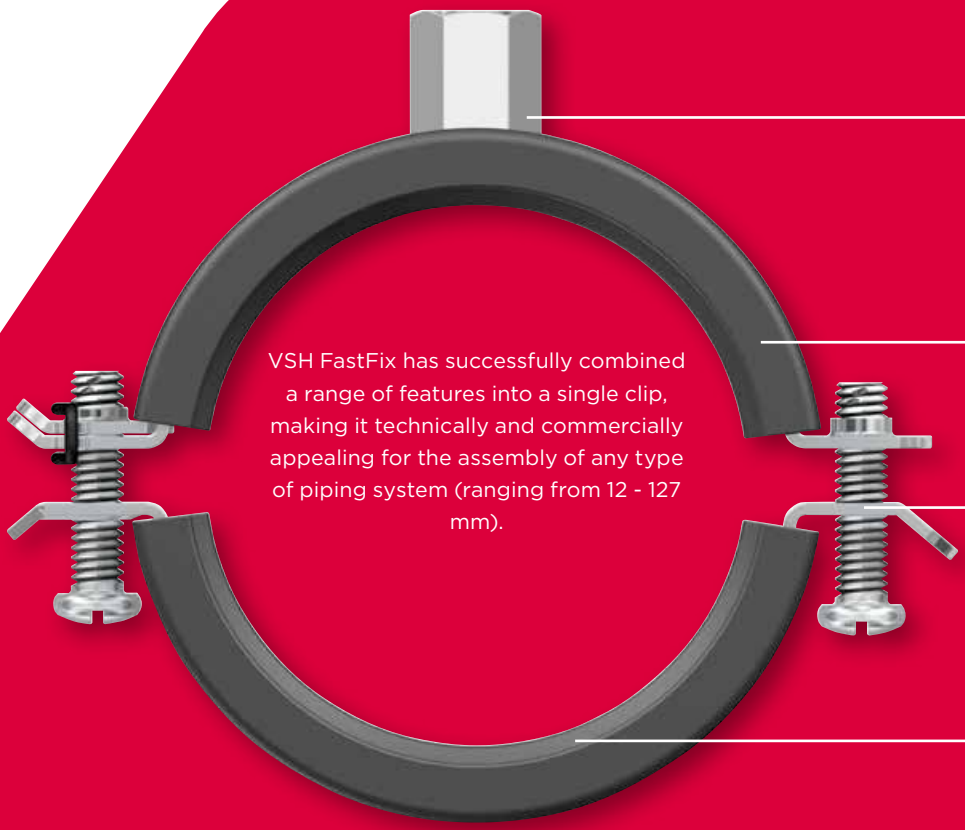
quick & easy installation

BSM clips

Aalberts integrated piping systems introduces the VSH FastFix system, a range of carefully selected and aligned products designed to make assembly easier and faster from start to finish.

key features

- **BSM clips and 'Click' products:** quick and easy assembly, saving up to **75%** of installation time
- **assembly rails and concrete screws:** ideal for fastening from both outside and inside the rail
- **reduction in waste:** less lost or wasted small parts such as washers, nuts, plates, and screws
- **the VSH FastFix system:** a complete system offering quick, reliable, and efficient mounting



VSH FastFix has successfully combined a range of features into a single clip, making it technically and commercially appealing for the assembly of any type of piping system (ranging from 12 - 127 mm).



standard boss nut [M8/M10]



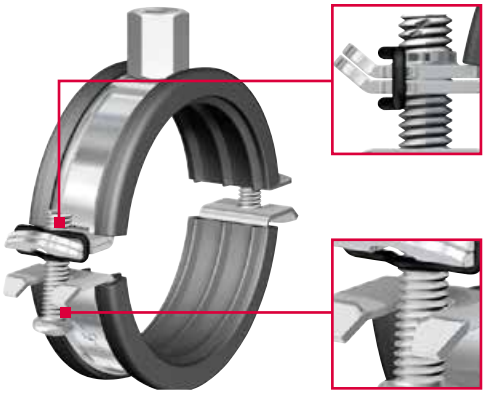
glued inlay



large clamping capacity [2 bolts]

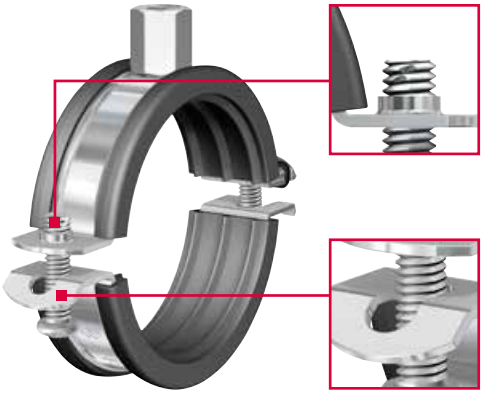


inlay with better gliding properties



quick-release coupling

locating edge so that it can easily be clicked shut

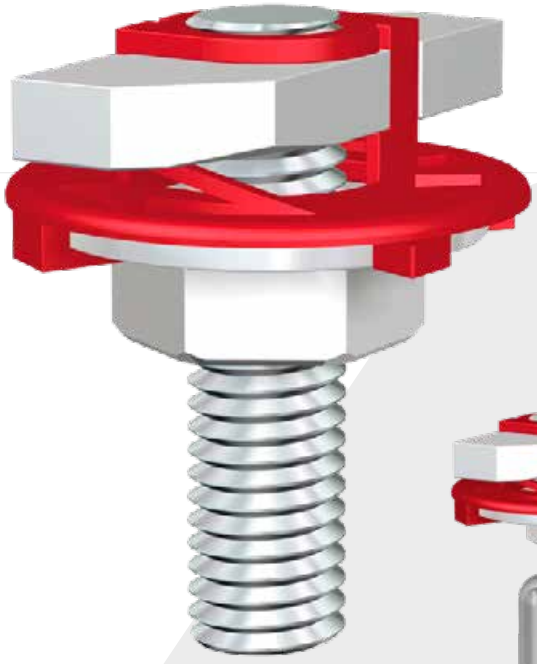


'anti-loss' bolt ends [stops bolt from falling out]

twistable clip

* many more types of clips available, for every application and dimension. Please check website for the complete product range.

ClickEasy components



ClickEasy HBS

ClickEasy

advantages

- **easy to install:** simply push the ClickEasy into the VSH FastFix rail and twist the bolt 45°
- **economical:** minimised loss and wastage of small parts
- **fast installation:** reduced assembly time (up to 75% versus standard strut parts) including ‘2 in 1’ & ‘4 in 1’ fittings
- **secure positioning:** even when mounted with a vertical rail, the stop function ensures it stays in place for easier adjustment
- **adjustable:** easily slide the ClickEasy to the desired position
- **flexible fastening:** when fastening from inside the rail, the ClickEasy can slide over the concrete screw (excluding R1 rail)
- **compatible:** suitable for all types of VSH FastFix ‘R’ rail
- **ClickEasy HBS:** comes with a pre-mounted stud and locknut
- **ClickEasy K:** features an integrated standard ball swivel hanger



ClickEasy K



ClickConnection 90





ClickEasy M

ClickConnection

A versatile range of products designed to connect VSH FastFix rail systems in various configurations: horizontally, vertically, at an angle, stacked, or against a wall.

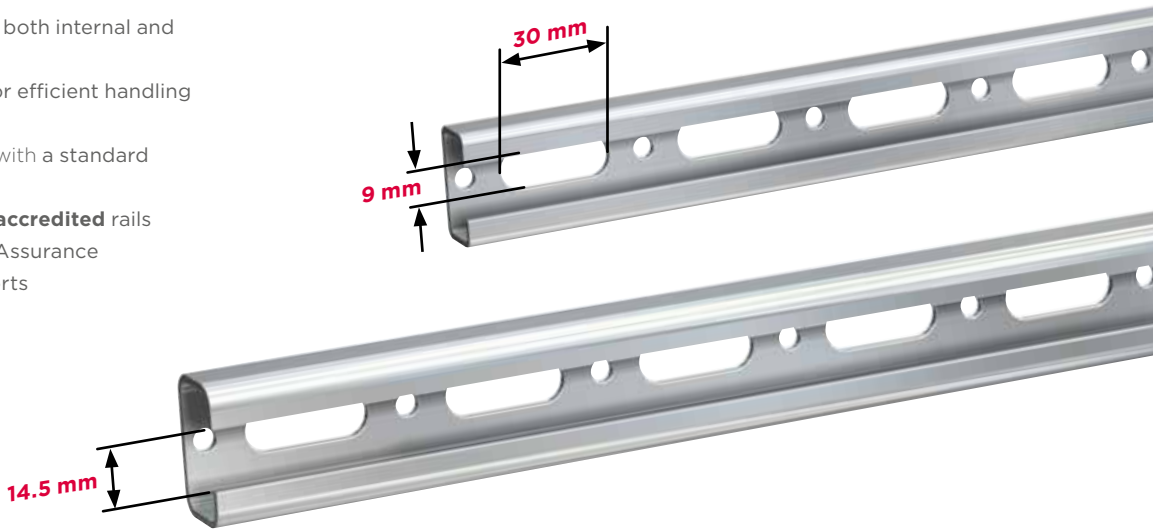
- **simple installation:** just insert the ClickConnection into the VSH FastFix ‘R’ rail and twist the bolt 45°
- **quick assembly:** no separate components are needed for installation and pre-assembled ‘5-in-1’ parts
- **universal compatibility:** suitable for all types of VSH FastFix rail (R0–R7 rail)



ClickConnection RZ-H

R0 - R8 assembly rail

- **flexible installation** allows both internal and external mounting
- **standardised rail length** for efficient handling and transportation
- **custom lengths available** with a standard length of 2 meters
- independently tested and **accredited** rails (R1/R2/R7) - RAL Quality Assurance Association for pipe supports (RAL Gütegemeinschaft Rohrbefestigung)







APP pin

AP push-in anchors + APP pin

- **effortless installation:** requires minimal energy to push in, making mounting light and easy
- **immediate loading:** can be subjected to load right after installation
- **easy removal:** easily untightened fastener
- **versatile fastening:** the bracket can be secured with either a bolt or a threaded end
- **APP pin:** assists in pushing the AP push-in anchor into place; this must be used to ensure correct installation

AS segment anchors

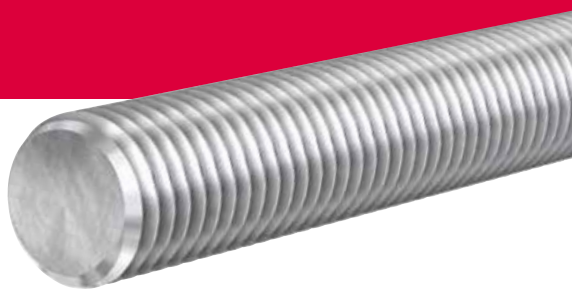
- segment anchors designed for heavy-duty loads, with short axial and edge distances
- **immediate load bearing:** load right after installation with no waiting time
- **guaranteed security:** mounting is secure when tightened to the correct torque
- **AS 8 x 75:** comes standard with a large S 8 washer (ø28 mm)







washers



M nuts



D threaded rods

- standard lengths (1 m & 3 m)
- pre-cut studs are available to avoid cutting & deburring threaded rod

product information

full ranges available online

clips

BSM M8/10 clips

• **DIN 4109 compliant noise-reduction.**



model	Ø pipe nom. [thumb]	Ø pipe external [mm]	strip dimensions [mm]	max. working load [N]	article no.
BSM 15 - 18	⅜"	15 - 18	1.5 x 20	1000	10-38171
BSM 19 - 22	½"	19 - 22	1.5 x 20	1000	10-38172
BSM 23 - 26	-	23 - 26	1.5 x 20	1000	10-38173
BSM 27 - 30	¾"	27 - 30	1.5 x 20	1000	10-38174
BSM 32 - 35	1"	32 - 35	1.5 x 20	1000	10-38175
BSM 36 - 39	-	36 - 39	1.5 x 20	1000	10-38176
BSM 40 - 44.5	1¼"	40 - 44.5	1.5 x 20	1000	10-38177
BSM 48 - 52	1½"	48 - 52	1.5 x 20	1000	10-38178
BSM 54 - 58	1¾"	54 - 58	1.5 x 20	1000	10-38179
BSM 58 - 61	2"	58 - 61	1.5 x 20	1000	10-38180
BSM 63 - 67	-	63 - 67	2.0 x 20	1300	10-38181
BSM 75 - 80	2½"	75 - 80	2.0 x 20	1300	10-38183
BSM88 - 92	3"	88 - 92	2.0 x 20	1300	10-38185
BSM108 - 116	4"	108 - 116	2.5 x 20	1300	10-38187
BSM 121 - 127	-	121 - 127	2.5 x 20	1300	10-38188

R rail

VSH FastFix rail



model	dimensions [mm] length [m]	dimensions [mm] width	dimensions [mm] height	dimensions [mm] thickness	Mb [Ncm]	max. point load [N]	article no. per metre
R1 Sendzimir galvanised	2	30.5	15	2.0	6300	2000	10-50010
R2 Sendzimir galvanised	2	34	20	2.4	10750	2500	10-50011

* more dimensions available, please check our website

ClickEasy

ClickEasy



model	connection	max. Mₐ [Nm]	Ø washer [mm]	max. working load [N]	article no.
ClickEasy M8	M8	10	28	1800	10-80361
ClickEasy M0	M10	10	28	1800	10-80362

ClickEasy HBS



model	connection	max. Mₐ [Nm]	Ø washer [mm]	max.working load[N]	article no.
ClickEasy HBS 8 x 30	M8	10	28	1800	10-80375
ClickEasy HBS 8 x 40	M8	10	28	1800	10-80376
ClickEasy HBS 8 x 50	M8	10	28	1800	10-80377
ClickEasy HBS 8 x 70	M8	10	28	1800	10-80383
ClickEasy HBS 8 x 80	M8	10	28	1800	10-80384
ClickEasy HBS 8 x 90	M8	10	28	1800	10-80385
ClickEasy HBS 8 x 100	M8	10	28	1800	10-80386
ClickEasy HBS 8 x 120	M8	10	28	1800	10-80387
ClickEasy HBS 10 x 30	M10	10	28	1800	10-80379
ClickEasy HBS 10 x 40	M10	10	28	1800	10-80380
ClickEasy HBS 10 x 50	M10	10	28	1800	10-80381

ClickEasy K



model	connection	max. Mₐ [Nm]	Ø washer [mm]	max. working load [N]	article no.
ClickEasy K 8	M8	10	28	1800	10-80391
ClickEasy K 10	M10	10	28	1800	10-80392

concrete screws

SCS self-tapping concrete screws

with hexagonal head [SW 13]. For external mounting (when used in combination with VSH FastFix rail).

model	drill Ø [mm]	dimensions [mm] Ø	dimensions [mm] length	max. approved tens. str. in cracked concrete C20/25 [N]	max. approved tens. str. in uncracked concrete C20/25 [N]	article no.
SCS 7.5 x 50	6	7.5	50	500*	2000*	10-82050
SCS 7.5 x 60	6	7.5	60	2000*	3100*	10-82051
SCS 7.5 x 80	6	7.5	80	2000*	3100*	10-82052

*as per ETA 16/0439



ETA 16/0439 F 120

SCS-I self-tapping concrete screws

with removable M8/10 flange nut with metric thread.

model	drill Ø [mm]	dimensions [mm] Ø	dimensions [mm] length	max. approved tens. str. in cracked concrete C20/25 [N]	max. approved tens. str. in uncracked concrete C20/25 [N]	article no.
SCS-I 7.5 x 60	6	7.5	60	2000*	3100*	10-82054
SCS-I 7.5 x 35	6	7.5	35	1900*	1900*	10-82044

*as per ETA 16/0439



ETA-05/0010

SCS-P self-tapping concrete screws

with round Torx 40 heads. For internal mounting (when used in combination with VSH FastFix rail).

model	drill Ø [mm]	dimensions [mm] Ø	dimensions [mm] length	max. approved tens. str. in cracked concrete C20/25 [N]	max. approved tens. str. in uncracked concrete C20/25 [N]	article no.
SCS-P 7.5 x 25	6	7.5	25	-	1200**	10-82058
SCS-P 7.5 x 45	6	7.5	45	500*	2000*	10-82059

* as per ETA 16/0439
** recommended tensile strength in uncracked C20/25 concrete (unapproved anchor).



ETA 16/0439 F 120

ClickConnection

ClickConnection RH

model	dimensions [mm] length lug 1	dimensions [mm] length lug 2	dimensions [mm] width	dimensions [mm] thickness	max. working load tensile stress [N]	max. working load shear [N]	article no.
ClickConnection 45°	100	60	35	5	3000	1000	10-71800
ClickConnection 90°	60	60	35	5	3000	1000	10-71801



ClickConnection RZ-V

model	dimensions [mm] length base plate	dimensions [mm] length channel	dimensions [mm] width	dimensions [mm] thickness	max. working load tensile stress [N]	max. working load shear [N]	article no.
Clickconnection RZ-V90	130	80	35	5	3000	1000	10-71806



ClickConnection RZ-H

model	dimensions [mm] length base plate	dimensions [mm] length channel	dimensions [mm] width	dimensions [mm] thickness	max. working load tensile stress [N]	max. working load shear [N]	article no.
Clickconnection RZ-H90	130	80	35	5	3000	1000	10-71807



washers

S washers

model	suitable for threaded connection	Ø [mm]	article no.
S 8s	M8	28	10-70812
S 8 SR	M8	40	10-70832
S 10s	M10	28	10-70813
S 10s	M10	40	10-70833



D threaded rods

- **ISO 965-2 compliant thread.**

model	connection	length [m]	max. working load [N]	article no.
D 8	M8	1	4500	10-70012
D 10	M10	1	7000	10-70013



M nuts

model	connection	Height [mm]	article no.
M8	M8	6,5	10-70202
M10	M10	6,5	10-70202



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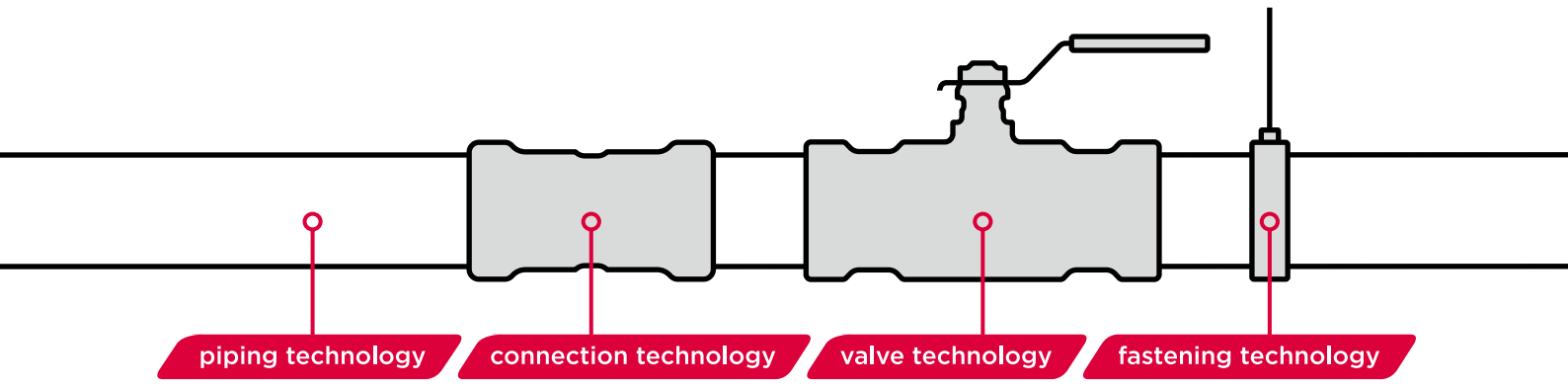
more information?

For a complete and up-to-date product range and our additional services, visit: www.aalberts-ips.co.uk

Would you like to make an appointment to meet an account manager in your region or receive advice and support from one of our experts? Please scan the QR code or contact:

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5011578-2026-3.0 UK