

Special screwed-in fastener with screw

TD-060, TDP-060

Support collar with steel screws for fastening of polystyrene EPS foam and mineral wool on profiled sheet and wooden substrates, in ETICS systems.



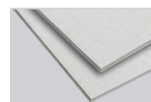
SUBSTRATES



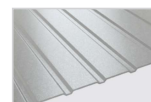
Timber C22



OSB board, plywood



Fiber-cement board



Steel sheet

FASTENER MATERIAL	· Polyamide (TD-060) · Polypropylene (TDP-060)
SCREW MATERIAL	Galvanized steel
TYPE OF INSULATION MATERIAL	· Polystyrene EPS · Mineral wool MW
FASTENER TYPE	Screwed-in
INSTALLATION METHOD	Surface mount
APPLICATION	Special screwed-in fastener with steel screw for fastening of mineral wool MW and polystyrene EPS in wooden and steel sheet substrates



KDH - SCREW FOR TIMBER



WSR-T - SCREW FOR STEEL SHEET 0,5 - 1,25 mm



WDB-T - SCREW FOR STEEL SHEET 0,5 - 0,75 mm



SUPPORT COLLAR

Universal application for installing commonly-used insulation material in timber and steel sheet substrates.



HOLDING COLLAR

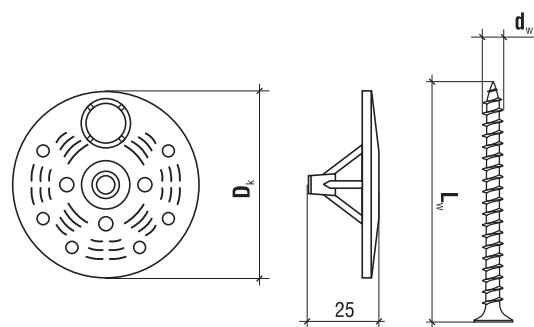
To be used with a wide range of screws –allows for installing insulation materials of different thicknesses.



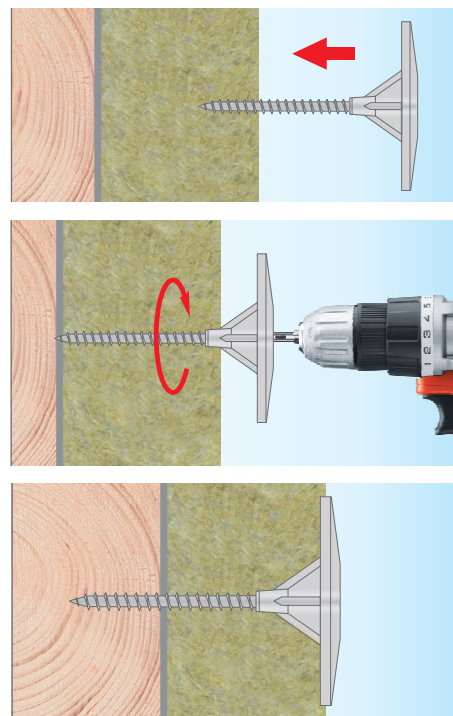
COLLAR-INTEGRATED CAP

Minimizes thermal bridging and seals connections.

Insulation material thickness [mm]	Collar	Steel sheet profile, thickness 0,5 ÷ 0,75 mm	Steel sheet profile, thickness 0,5 ÷ 1,25 mm	Timber	OSB, Cement board
		WDB-T	WSR-T		
30	TD-60, TDP-60	WDB-T-48050	WSR-T-48050	KDH-05060	KDH-05060
40	TD-60, TDP-60	WDB-T-48060	WSR-T-48060	KDH-05070	KDH-05070
50	TD-60, TDP-60	WDB-T-48070	WSR-T-48070	KDH-05080	KDH-05080
60	TD-60, TDP-60	WDB-T-48080	WSR-T-48080	KDH-05090	KDH-05090
70	TD-60, TDP-60	WDB-T-48090	WSR-T-48090	KDH-05100	KDH-05100
80	TD-60, TDP-60	WDB-T-48100	WSR-T-48100	KDH-06120	KDH-06120
90	TD-60, TDP-60	WDB-T-48120	WSR-T-48120	KDH-06120	KDH-06120
100	TD-60, TDP-60	WDB-T-48120	WSR-T-48120	KDH-06140	KDH-06140
110	TD-60, TDP-60	WDB-T-48140	WSR-T-48140	KDH-06160	KDH-06140
120	TD-60, TDP-60	WDB-T-48140	WSR-T-48140	KDH-06160	KDH-06160
130	TD-60, TDP-60	WDB-T-48160	WSR-T-48160	KDH-06180	KDH-06160
140	TD-60, TDP-60	WDB-T-48160	WSR-T-48160	KDH-06180	KDH-06180
150	TD-60, TDP-60	WDB-T-48180	WSR-T-48180	KDH-06200	KDH-06180
160	TD-60, TDP-60	WDB-T-48180	WSR-T-48180	KDH-06200	KDH-06200
170	TD-60, TDP-60	WDB-T-48180	WSR-T-48180	-	KDH-06200
180	TD-60, TDP-60	WDB-T-48200	WSR-T-48200	-	-
190	TD-60, TDP-60	WDB-T-48200	WSR-T-48200	-	-



INSTALLATION INSTRUCTIONS - surface mount



TECHNICAL PARAMETERS

Parameter	Unit	Steel sheet profile, thickness 0,5 ÷ 0,75 mm	Steel sheet profile, thickness 0,5 ÷ 1,25 mm	Timber, OSB board, Cement board
Fastener diameter	d _w [mm]	4,8	4,8	5,0/6,0
Collar diameter	D _k [mm]	64	64	64
Fastener material	-	Polyamide PA Polypropylene PP		
Pin material	-	Zinc plated steel		
Polish Approval	-	ITB-KOT-2019/0913 (wyd. 1)		

LOAD RESISTANCE

Substrate	Substrate thickness [mm]	Product marking	Design resistance [kN]	Product marking	Design resistance [kN]
Steel sheet profile, thickness 0,50 mm	Push-through	TD+WDB-T / TDP+WDB-T	0,40 / 0,40	TD+WSR-T / TDP+WSR-T	0,34 / 0,34
Steel sheet profile, thickness 0,75 mm	Push-through	TD+WDB-T / TDP+WDB-T	0,66 / 0,66	TD+WSR-T / TDP+WSR-T	0,92 / 0,92
Steel sheet profile, thickness 0,88 mm	Push-through	TD+WDB-T / TDP+WDB-T	1,11 / 1,13	TD+WSR-T / TDP+WSR-T	1,11 / 1,44
Steel sheet profile, thickness 1,00 mm	Push-through	-	-	TD+WSR-T / TDP+WSR-T	1,11 / 1,84
Steel sheet profile, thickness 1,25 mm	Push-through	-	-	TD+WSR-T / TDP+WSR-T	1,11 / 1,84
Timber C22	25	TD+KDH 5,0 / TDP+KDH 5,0	1,19 / 2,08	-	-
Timber C22	30	-	-	TD+KDH 6,0 / TDP+KDH 6,0	2,08 / 2,47
OSB board	12,5	TD+KDH 5,0 / TDP+KDH 5,0	0,84 / 0,84	TD+KDH 6,0 / TDP+KDH 6,0	0,95 / 0,95
OSB board	18	TD+KDH 5,0 / TDP+KDH 5,0	1,19 / 1,26	TD+KDH 6,0 / TDP+KDH 6,0	1,38 / 1,38
Fibreboard	12,5	TD+KDH 5,0 / TDP+KDH 5,0	0,86 / 0,86	TD+KDH 6,0 / TDP+KDH 6,0	0,86 / 0,86