

SHIELD ANCHORS

High quality shield anchor with 4 pressed steel segments.

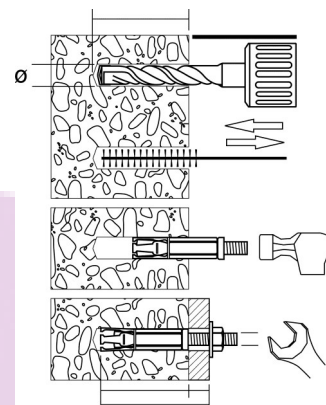
Torque controlled anchor for medium to heavy duty applications in solid brickwork, blockwork and concrete. Applications include, roller shutter doors, garage doors, fire doors, security grilles, structural steel work, installing heavy machinery, supports for suspending services and lift guide rails.



SASZ- STUD TYPE SHIELD ANCHOR

Ideal for wall or overhead applications, allowing easy removal of fixture.

Size d x tfix	Code	Price Per 100	Tfix	do	h1	hnom	hmin	scr	Tinst Nm	Nrec kN	VreckN	Box Qty
M6-10P	SASZ06010	£90.72	10	10	50	40	100	120	10	2.3	3.5	100
M6-25P	SASZ06025	£96.39	25	10	50	40	100	120	10	2.3	3.5	100
M6-50P	SASZ06050	£106.60	50	10	50	40	100	120	10	2.3	3.5	100
M8-15P	SASZ08015	£153.09	15	14	60	50	100	150	25	3.7	6.4	50
M8-25P	SASZ08025	£164.43	25	14	60	50	100	150	25	3.7	6.4	50
M8-40P	SASZ08040	£178.04	40	14	60	50	100	150	25	3.7	6.4	50
M8-80P	SASZ08080	£207.52	80	14	60	50	100	150	25	3.7	6.4	25
M10-10P	SASZ10010	£259.69	10	16	70	60	120	180	50	8.7	10.1	25
M10-30P	SASZ10030	£268.76	30	16	70	60	120	180	50	8.7	10.1	25
M10-50P	SASZ10050	£274.43	50	16	70	60	120	180	50	8.7	10.1	25
M10-70P	SASZ10070	£295.97	70	16	70	60	120	180	50	8.7	10.1	25
M10-90P	SASZ10090	£317.52	90	16	70	60	120	180	50	8.7	10.1	25
M12-15P	SASZ12015	£532.98	15	20	90	80	160	240	85	11.4	14.7	20
M12-30P	SASZ12030	£570.40	30	20	90	80	160	240	85	11.4	14.7	20
M12-50P	SASZ12050	£611.23	50	20	90	80	160	240	85	11.4	14.7	10
M12-65P	SASZ12065	£661.12	65	20	90	80	160	240	85	11.4	14.7	10
M16-15P	SASZ16015	£1,063.69	15	25	115	105	200	300	120	20.3	27.4	10
M16-30P	SASZ16030	£1,165.75	30	25	115	105	200	300	120	20.3	27.4	10
M16-45P	SASZ16045	£1,202.04	45	25	115	105	200	300	120	20.3	27.4	10



Tfix	Thickness of fixture (mm)
Lt	Total anchor length (mm)
Lf	Threaded Length (mm)
d	Anchor Thread Diameter (mm)
do	Drill hole diameter (mm)
h1	Depth of drill hole deep point (mm)
hnom	Anchor Embedment depth (mm)
hmin	Minimum structural thickness (mm)
Nrec	Recommended tensile Load (kN)
Vreck	Recommended shear Load (kN)

TECHINCAL DATA

Size d	Load Bolt type		Load Stud Type		Shield Only Frec kN	Critical spacing distance Scr	Critical edge distance Ccr
	Tensile	Shear	Tensile	Shear			
M6	2.3	3.5	2.3	3.5	2.3	160	80
M8	3.8	6.4	3.8	6.4	3.8	200	100
M10	8.7	10.1	8.7	10.1	8.7	240	120
M12	11.5	14.7	11.5	14.7	11.5	320	160
M16	20.4	27.4	20.4	27.4	20.4	400	200

Recommended loads tested in Concrete C25.

All dimensions in mm, Unless otherwise stated