

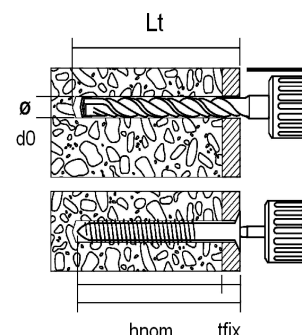
# BMS - MASONRY SCREWS

Medium weight through fixing for use in solid or hollow brickwork, solid or hollow block work, hard stone, concrete, hollow core concrete and wood. Ideal for installing door and windows frames made from either UPVC, aluminum or wood; electrical fittings, wooden battens, radiator brackets, kitchen unit brackets, channel support systems and can even be used with strap/ banding material for suspending services. Made from C1022 Carbon Steel with Blue Ruspert 500 hours SST coating. Service temperature range from -50 to +135°C.

## COUNTERSUNK MASONRY SCREW



Size d x Lt	Code	Price Per 100	Tfix	Lt	do	h1	hnom	Drive bit	Box qty	Outer
Ø 3/16"X32	BMS3C32	£8.28	2	32	4	38	30	Ph 2	200	2400
Ø 3/16"X45	BMS3C45	£11.01	15	45	4	38	30	Ph 2	200	2400
Ø 3/16"X57	BMS3C57	£13.73	27	57	4	38	30	Ph 2	200	2400
Ø 3/16"X70	BMS3C70	£15.77	50	70	4	38	30	Ph 2	100	1200
Ø 3/16"X82	BMS3C82	£16.90	52	82	4	38	30	Ph 2	100	1200
Ø 3/16"X100	BMS3C100	£23.81	70	100	4	38	30	Ph 2	100	1200
Ø 1/4"X45	BMS4C45	£15.09	15	45	5	38	30	Ph3	100	1200
Ø 1/4"X57	BMS4C57	£18.82	27	57	5	38	30	Ph3	100	1200
Ø 1/4"X70	BMS4C70	£20.08	40	70	5	38	30	Ph3	100	1200
Ø 1/4"X82	BMS4C82	£25.52	52	82	5	38	30	Ph3	100	1200
Ø 1/4"X100	BMS4C100	£32.32	70	100	5	38	30	Ph3	100	1200
Ø 1/4"X125	BMS4C125	£45.36	95	125	5	38	30	Ph3	100	1200

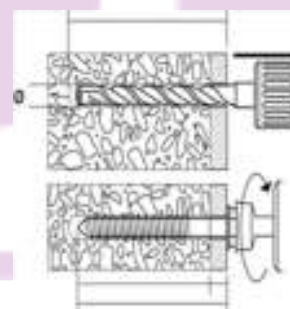


- h1 = Hole depth deepest point.
- do = Drill hole diameter.
- tfix = Thickness of fixture .
- hnom = Anchor embedment depth.
- d = Screw diameter

## HEX HEAD MASONRY SCREW



Size d x Lt	Code	Price Per 100	Tfix	Lt	do	h1	hnom	Drive bit	Box qty	Outer
Ø 3/16"x32	BMS3H32	£8.28	2	32	4	38	30	5/16"-8mmAF	200	2400
Ø 1/4"X32	BMS4H32	£11.01	2	32	5	38	30	5/16"-8mmAF	200	2400
Ø 1/4"X45	BMS4H45	£16.45	15	45	5	38	30	5/16"-8mmAF	100	1200
Ø 1/4"X57	BMS4H57	£17.69	27	57	5	38	30	5/16"-8mmAF	100	1200
Ø 1/4"X70	BMS4H70	£20.64	40	70	5	38	30	5/16"-8mmAF	100	1200
Ø 1/4"X82	BMS4H82	£28.92	52	82	5	38	30	5/16"-8mmAF	100	1200
Ø 1/4"X100	BMS4H100	£31.53	70	100	5	38	30	5/16"-8mmAF	100	1200
Ø 1/4"X125	BMS4H125	£51.48	95	125	5	38	30	5/16"-8mmAF	100	1200



- h1 = Hole depth deepest point.
- do = Drill hole diameter.
- tfix = Thickness of fixture .
- hnom = Anchor embedment depth.
- d = Screw diameter

## ACCESSORIES

Description	Size	Code	Price each
Ph2 Screwdriver Bit	25mm	SDBPH2	£1.00
Ph3 Screwdriver Bit	25mm	SDBPH3	£1.00
Hex Drive Socket	8mm AFx1/4"	HDS08	£55.00
SDS Drill Bit	4x160	SDSP040160	£5.82
SDS Drill Bit	5x160	SDSP050160	£4.87

## TECHNICAL DATA

Base Material	Screw Dia	Tensile Load (kN) Nrec	
		30mm embedment	40mm embedment
Concrete C20/25	3/16"	0.73	1.10
	1/4"	0.88	1.37
Soild Brick	3/16"	0.56	0.83
	1/4"	0.67	1.05
Dense Aggregate	3/16"	0.69	0.91
Block (1)	1/4"	0.76	0.92

(1)- Base Material without Plaster.

Screws should be used in redundant situations only. Guide Values Only.

For critical applications, site tests are recommended

All dimensions in mm, Unless otherwise stated.