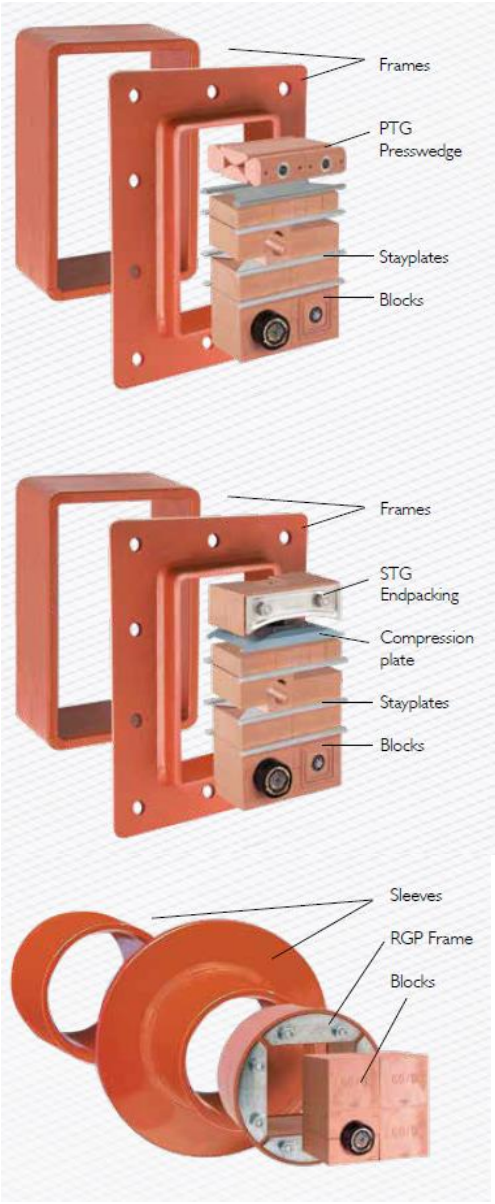
Brattberg Cable and Pipe Transits

The original cable transit

Based on the simple but clever idea of a frame with Insert Blocks and an end seal, the MCT Brattberg is the original transit system. The MCT Brattberg system was patented in the early 1950s. When oil rigs and nuclear power stations demanded cable and pipe installations with proven safety records, the MCT Brattberg system became a worldwide solution, we´ve been improving it ever since. Comprehensive documentation shows that its resistance to fire, water, gas and pressure meets the latest safety requirements.



The industry standard

Our own experience has shown that for a standard frame used for maritime applications, an internal width of 120.5 mm (4.74”) a depth of 60 mm (2.36”) and wall thickness of 10 mm (0.39”) are optimal window sizes for maintaining structural strength and for fitting insert blocks. The welded corners are rounded for added strength. Both single and multiple transits frames are available.

The dimensions of the various frames have become the industry standard simply because these types of frames were the first to be introduced and have proved successful over time.

Built in flexibility

The comprehensive range of frames, standard Blocks and other components of our transits provides remarkable application flexibility.

In addition, our product range covers insulation collars and special solutions for EMC transits, SR cable and pipe seals, deck/bulkhead glands.

Today MCT Brattberg is assessed and certified by DNV, in accordance with the Quality and Environment Management system standard EN ISO 9001 and 14001, for the design, manufacture and supply of fire barrier and sealed transit systems associated with cable and pipe routes in building and marine environments.

As a direct result of this achievement, quality and environmental assessments are carried out by DNV twice annually.

MCT Brattberg also holds quality certificates and approvals from a wide variety of classification institutions and customers.

Frames

RGS

RGS is MCT Brattberg's standard transit frame for marine applications. It has a standard internal width of 120 mm (4.72") and is 60 mm (2.36") deep. There are four sizes of RGS, denoted by 2,4, 6 and 8 depending on their height. They may be used in both vertical and/or horizontal multiple frames.

The RGS is welded into an accurately pre-cut hole in the deck or bulkhead. As with all our frames, RGS is produced in steel, stainless steel, or aluminium. For installations where cables are already in place, specify RGSO, which has a removable end.

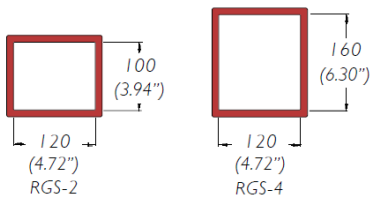
Frame size	Size in mm							Ordering info							
	W (width) Multiple Frames							x1		x2		x3		x4	
	H (Height)	x1	x2	x3	x4	x5	→xn	SS316	Primed	SS316	Primed	SS316	Primed	SS316	Primed
RGS-2	121	140,5	271	401,5	532	662,5	W = 10 + 130,5 x n	**8038264**	**8000453**	*	*	*	*	*	*
RGS-4	179,5	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -		**8038263**	**8048031**	*	*	*	*	*	*
RGS-6	238	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -		**8038262**	**8004725**	*	*	*	*	*	*
RGS-8	296,5	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -		*	**8000457**	*	*	*	*	*	*
RGS-2+2	242		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-2+4	300,5		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-2+6	359		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-2+8	417,5		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-4+4	359		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-4+6	417,5		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-4+8	476		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-6+6	476		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	**8073657**	*	*	*	*
RGS-6+8	534,5		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-8+8	593		- ,, -	- ,, -	- ,, -	- ,, -		*	*	*	*	*	*	*	*
RGS-2+2	232	140,5	n = number of frames wide. Tolerance single frame: Height ± 1 mm Width ± 0,8 mm Material thickness is 10 mm					*	*	*	*	*	*	*	*
RGS-2+4	290,5	- ,, -						*	*	*	*	*	*	*	*
RGS-2+6	349	- ,, -						*	*	*	*	*	*	*	*
RGS-2+8	407,5	- ,, -						*	*	*	*	*	*	*	*
RGS-4+4	349	- ,, -						*	*	*	*	*	*	*	*
RGS-4+6	407,5	- ,, -						*	*	*	*	*	*	*	*
RGS-4+8	466	- ,, -						*	*	*	*	*	*	*	*
RGS-6+6	466	- ,, -						*	*	*	*	*	*	*	*
RGS-6+8	524,5	- ,, -						*	*	*	*	*	*	*	*
RGS-8+8	583	- ,, -						*	*	*	*	*	*	*	*

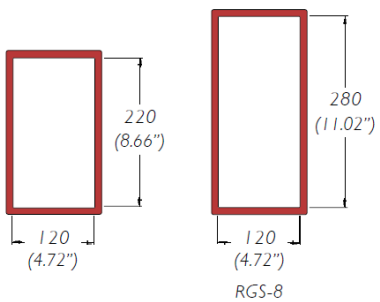
*On request

Weight Card

Material	Frame size	Weight in kg W (width) Multiple Frames					
		x1	x2	x3	x4	x5	x6
Mild Steel S355JR S355J2 S355K2 A36 AH36 DH36 EH36	RGS-2	2,2	3,9	5,7	7,4	9,2	10,9
	RGS-4	2,7	4,6	6,5	8,4	10,3	12,2
	RGS-6	3,2	5,4	7,6	9,8	12,0	14,2
	RGS-8	3,8	6,3	8,9	11,4	14,0	16,5
	RGS-2+2	3,6	8,1	11,9	15,7	19,5	23,3
	RGS-2+4	4,2	8,8	12,8	16,7	20,7	24,6
	RGS-2+6	4,8	9,5	13,6	17,8	21,9	26,0
	RGS-2+8	5,5	10,3	14,7	19,1	23,5	27,9
	RGS-4+4	4,8	9,5	13,6	17,8	21,9	26,0
	RGS-4+6	5,5	10,3	14,7	19,1	23,5	27,9
	RGS-4+8	5,9	11,1	15,8	20,5	25,1	29,8
	RGS-6+6	5,9	11,1	15,8	20,5	25,1	29,8
	RGS-6+8	6,5	12,0	17,0	22,1	27,1	32,1
	RGS-8+8	7,2	12,9	18,3	23,7	29,1	345
Stainless Steel 1.4404 AISI 316L	RGS-2	2,2	4,0	5,8	7,6	9,4	11,2
	RGS-4	2,8	4,7	6,7	8,6	10,6	12,6
	RGS-6	3,3	5,5	7,8	10,0	12,3	14,5
	RGS-8	3,9	6,5	9,1	11,7	14,3	16,9
	RGS-2+2	3,7	8,3	12,2	16,1	20,0	23,9
	RGS-2+4	4,3	9,0	13,1	17,1	21,2	25,2
	RGS-2+6	4,9	9,7	14,0	18,2	22,5	26,7
	RGS-2+8	5,6	10,6	15,1	19,6	24,1	28,6
	RGS-4+4	4,9	9,7	14,0	18,2	22,5	26,7
	RGS-4+6	5,6	10,6	15,1	19,6	24,1	28,6
	RGS-4+8	6,0	11,4	16,2	21,0	25,8	30,6
	RGS-6+6	6,0	11,4	16,2	21,0	25,8	30,6
	RGS-6+8	6,7	12,3	17,5	22,6	27,8	32,9
	RGS-8+8	7,4	13,2	18,8	24,3	29,9	35,4

Standard frames come in four sizes: 2, 4, 6 and 8. They are all the same width. Height differences are shown below. The material is 10 mm (0.39") thick





RGSF

RGSF is a standard RGS transit frame with a flange that allows the frame to be welded into a hole which is slightly larger than the frame. RGSF comes in the four standard sizes, 2, 4, 6 and 8, and has the standard measurements of the RGS, but with the added width of the flange: 60 mm (2.36”) wide and 10 mm (0.39”) thick.
RGSF can also be installed in multiple frames
For installations where cables are already in place, specify RGSFO which has a removable end.

The **RGSFB** transit frame is similar to RGSF except that it is bolted to the deck or bulkhead. The bolted frames can be used in areas where hot working is prohibited, or when the stress level induced by welding is unacceptable.
RGSFB frames are supplied in kit form, complete with drilled holes, bolts, nuts, washers and a gasket or sealing compound. The standard sizes and weights are the same as for RGSF.
For installations where cables are already in place, specify RGSFBO which has a bolted removable end.

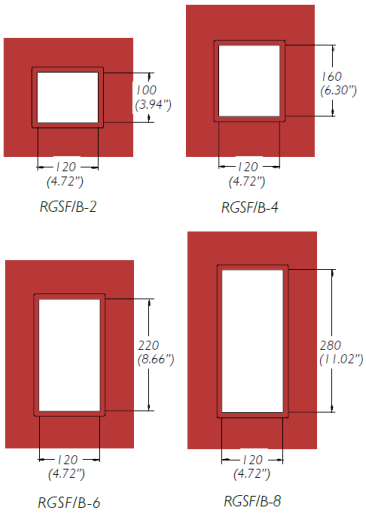
Frame size	Size in mm							Ordering info							
	W (width) Multiple Frames							x1		x2		x3		x4	
	H	x1	x2	x3	x4	x5	x6	SS316	Primed	SS316	Primed	SS316	Primed	SS316	Primed
RGSF/B-2	241	60,5	391	521,5	652	782,5	913	**8069167**	*	*	*	*	*	*	*
RGSF/B-4	299,5	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-6	258	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	**8059646**	**8002012**	*	**8002311**	*	*	*	*
RGSF/B-8	416,5	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-2+2	262		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-2+4	420,5		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-2+6	479		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-2+8	537,5		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-4+4	479		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	**8090873**	*	*	*	*	*	*	*
RGSF/B-4+6	537,5		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-4+8	596		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-6+6	596		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-6+8	654,5		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-8+8	713		- ,, -	- ,, -	- ,, -	- ,, -	- ,, -	*	*	*	*	*	*	*	*
RGSF/B-2+2	352	260,5	n = number of frames wide. Tolerance single frame: Height ± 1 mm Width ± 0,8 mm Material thickness is 10 mm RGSF-frames are normally supplied with straight corners but are also available with round corners with a radius of 63 mm					*	*	*	*	*	*	*	*
RGSF/B-2+4	410,5	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-2+6	469	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-2+8	527,5	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-4+4	469	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-4+6	527,5	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-4+8	586	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-6+6	586	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-6+8	644,5	- ,, -						*	*	*	*	*	*	*	*
RGSF/B-8+8	703	- ,, -						*	*	*	*	*	*	*	*

*On request

Weight card

Material	Frame size	Weight in kg W (width) Multiple Frames					
		x1	x2	x3	x4	x5	x6
Mild Steel S355JR S355J2 S355K2 A36 AH36 DH36 EH36	RGSF/B-2	5,9	8,9	11,8	14,8	17,8	20,7
	RGSF/B-4	7,0	10,3	13,6	16,9	20,2	23,4
	RGSF/B-6	8,0	11,5	15,1	18,6	22,1	25,6
	RGSF/B-8	9,0	12,8	16,5	20,3	24,0	27,8
	RGSF/B-2+2	8,4	13,9	19,0	24,0	29,1	34,1
	RGSF/B-2+4	9,5	15,3	20,5	25,7	30,9	36,1
	RGSF/B-2+6	10,6	16,5	21,9	27,2	32,6	37,9
	RGSF/B-2+8	11,7	17,9	23,5	29,2	34,8	40,4
	RGSF/B-4+4	10,6	16,5	21,9	27,2	32,6	37,9
	RGSF/B-4+6	11,7	17,9	23,5	29,2	34,8	40,4
	RGSF/B-4+8	12,8	19,2	25,1	31,0	36,9	42,8
	RGSF/B-6+6	12,8	19,2	25,1	31,0	36,9	42,8
	RGSF/B-6+8	13,9	20,6	26,9	33,1	39,4	45,6
	RGSF/B-8+8	15,0	22,1	28,7	35,4	42,0	48,6
Stainless Steel 1.4404 AISI 316L	RGSF/B-2	6,1	9,1	12,1	15,2	18,2	21,2
	RGSF/B-4	7,2	10,6	13,9	17,3	20,7	24,0
	RGSF/B-6	8,2	11,8	15,4	19,0	22,7	26,3
	RGSF/B-8	9,2	13,1	16,9	20,8	24,6	28,5
	RGSF/B-2+2	8,6	14,3	19,5	24,7	29,8	35,0
	RGSF/B-2+4	9,7	15,7	21,0	26,4	31,7	37,0
	RGSF/B-2+6	10,9	16,9	22,4	27,9	33,4	38,9
	RGSF/B-2+8	12,0	18,4	24,2	29,9	35,7	41,4
	RGSF/B-4+4	10,9	16,9	22,4	27,9	33,4	38,9
	RGSF/B-4+6	12,0	18,4	24,2	29,9	35,7	41,4
	RGSF/B-4+8	13,1	19,7	25,8	31,8	37,9	43,9
	RGSF/B-6+6	13,1	19,7	25,8	31,8	37,9	43,9
	RGSF/B-6+8	14,3	21,1	27,5	33,9	40,3	46,7
	RGSF/B-8+8	15,4	22,7	29,5	36,3	43,0	49,8

Standard frames come in four sizes:
2, 4, 6 and 8. They are all the same width.
Height differences are shown below.
The material is 10 mm (0.39”) thick.

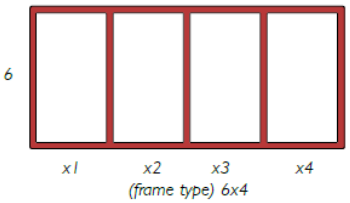


Multiple Frames

RGSR is used in decks and bulkheads which are subjected to higher degrees of stress and heavier loading. The additional, rounded ends help prevent stress cracking.
The radius of the ends is 70 mm *(2.76")* on otherwise standard 2, 4, 6 and 8 model RGS frames. RGSR can be used in multiple frames. For weight charts and installation details, singularly or in multiple frames, contact MCT Brattberg.

Horizontal Multiple Frame

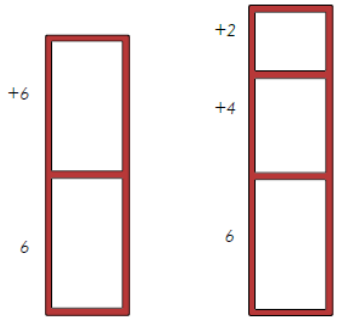
Horizontal multiple frames are described by listing the frame type and size x the desired number of horizontal openings.



Designation:
(frame type) 6x4

Vertical Multiple Frame

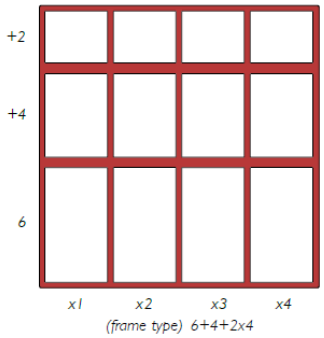
Vertical multiple frames are described by listing the bottom frame type and size + the next frame type and size.



Designation (starting at bottom):
(frame type) 6+ 6
(frame type) 6+4+2

Horizontal and Vertical Multiple Frame

List the entire vertical frames x the desired number of horizontal repetitions.



Designation (starting at bottom):
(frame type) 6+4+2x4

NOTE: All multiple frame designations must be preceded by the frame type.

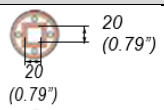
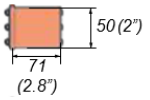
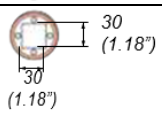
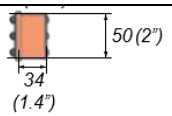
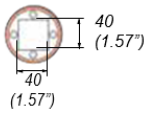
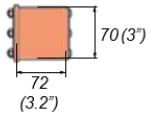
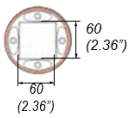
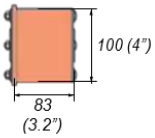
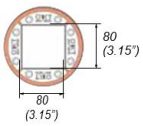
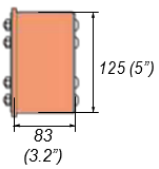
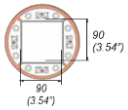
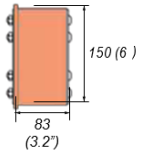
RGP Frames

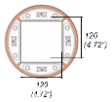
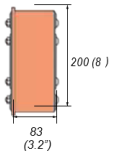
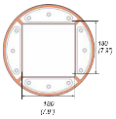
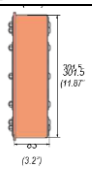
RGP is a circular seal for holes or pipes.

RGPO is an openable RGP frame.

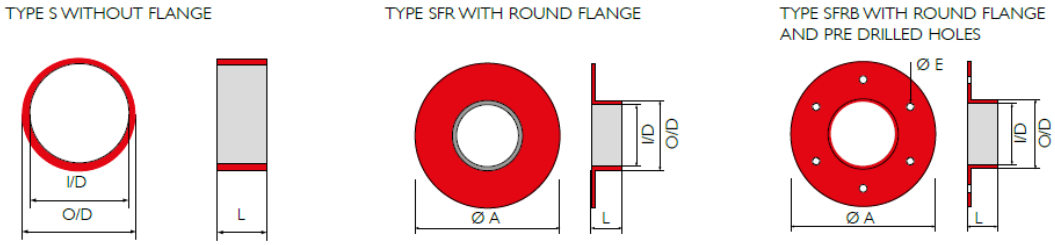
RGP is a Lycron transit frame for assembly in drilled holes, pipes or in MCT Brattberg sleeves.
It is available in eight sizes and is packed with insert blocks. The metal parts are galvanized or stainless steel.

RGPO is a Lycron frame with open sides intended for installation in holes where cables have already been installed.
This is also available in seven sizes.

Frame size	Packing area	Depth and diameter	Weight in kg	Ordering info	
				SS	Galv
RGP 50/L60			0,25	on request	on request
RGP 50/L30			0,11	on request	on request
R GP 70			0,4	8021752	8000462
R GP 100			0,7	8001221	8000459
RGP 125			1,0	on request	8002528
RGP 150			1,8	on request	8000460

Frame size	Packing area	Depth and diameter	Weight in kg	Ordering info	
				SS	Galv
RGP 200			3,0	on request	8000461
RGP 300			7,5	on request	on request

Sleeves for GRP



MCT Brattberg standard sleeves are available in seven sizes, for welding or bolting to the structure.
The standard materials are mild steel, stainless steel and aluminium. SFRB is also available in an open version (SFRBO).
SFR/SFRB are supplied in kits, complete with drilled holes, bolts, nuts washers and a gasket or sealing compound.

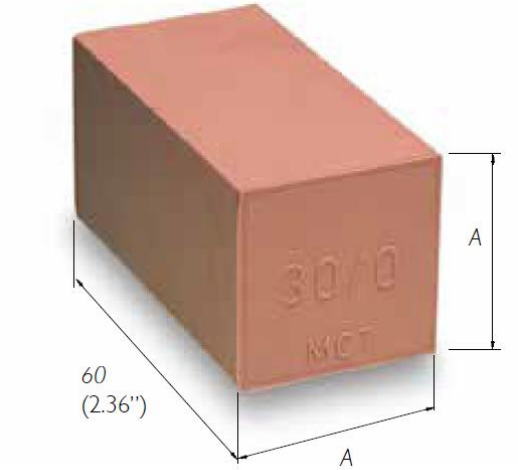
Type S without flange				
Type/Dimension	O/D mm	L mm	Weight kg	Ordering info
S 50/L30	63	35	0,3	on request
S 50/L60	63	70	0,6	on request
S 70	83	70	0,8	8021716
S 100	114	82	1,3	on request
S 125	139	82	1,6	on request
S 150	164	82	1,9	on request
S 200	214	82	2,6	on request
S 300	316	85	4,5	on request

		Type SFR and SFRB with round flange				
Type/Dimension	O/D mm	L mm	A mm	E mm	Weight kg	Ordering info
SFR/SFRB 50/L30	63	38	145	9	0,9	on request
SFR/SFRB 50/L60	63	73	145	9	1,2	on request
SFR/SFRB 70	83	74	185	9	2,1	8021715
SFR/SFRB 100	114	86	215	9	2,9	on request
SFR/SFRB 125	140	86	240	9	3,7	on request
SFR/SFRB 150	164	86	264	11	4,2	on request
SFR/SFRB 200	214	86	315	11	5,1	on request
SFR/SFRB 300	316	89	398	11	8,5	on request

Blocks

Our range of blocks accommodates cables between 3,5 - 101,5 mm (0.14-4.0”) in diameter. It is important that the insert block is the right size, with respect to the cable, to ensure a proper seal.
Measure the cable diameters carefully and choose insert blocks accordingly. With the sizing chart on next page you can choose the correct size of insert blocks.
Blocks are referred to by their width (A) and hole diameter (B).
Thus, a block with a width of 15 mm (0.59”) and a hole diameter of 4 mm (0.16”) is referred to as 15/4. This designation is moulded into the block.
Certain markets denote Insert Bocks in pairs.

Spare Blocks



Spare room in each frame is filled out with solid insert blocks. Called spares, they bear the designation A/0. Blocks are referred to by their width (A), followed by the designation /0 (indicating solid). Thus a block with a width and height of 15 mm (0.59”) is referred to as 15/0. The length of insert blocks is always 60 mm (2.36”)

Cable diam.	A (mm)				B
	15	20	30	40	
3.5-4.5	15/4	20/4			4
4.5-5.5	15/5	20/5			5
5.5-6.5	15/6	20/6			6
6.5-7.5	15/7	20/7			7
7.5-8.5	15/8	20/8			8
8.5-9.5	15/9	20/9			9
9.5-10.5		20/10			10
10.5-11.5		20/11			11
11.5-12.5		20/12	30/12		12
12.5-13.5		20/13	30/13		13
13.5-14.5		20/14	30/14		14
14.5-15.5			30/15		15
15.5-16.5			30/16		16
16.5-17.5			30/17		17
17.5-18.5			30/18		18
18.5-19.5			30/19		19
19.5-20.5			30/20		20
20.5-21.5			30/21		21
21.5-22.5			30/22	40/22	22
22.5-23.5			30/23	40/22	23
23.5-24.5			30/24	40/24	24
24.5-25.5				40/24	24

Cable diam	A (mm)			B
	40	60	90	
25.5-27.5	40/26			26
27.5-29.5	40/28			28
29.5-31.5	40/30			30
31.5-33.5	40/32	60/32		32
33.5-35.5	40/34	60/34		34
35.5-37.5		60/36		36
37.5-39.5		60/38		38
39.5-41.5		60/40		40
41.5-43.5		60/42		42
43.5-45.5		60/44		44
45.5-47.5		60/46		46
47.5-49.5		60/48		48
49.5-51.5		60/50	90/50	50
51.5-53.5		60/52	90/52	52
53.5-55.5		60/54	90/54	54

Cable diam.	A (mm)		B
	90	120	
55.5-57.5	90/56		56
57.5-59.5	90/58		58
59.5-61.5	90/60		60
61.5-63.5	90/62		62
63.5-65.5	90/64		64
65.5-67.5	90/66		66
67.5-69.5	90/68		68
69.5-71.5	90/70		70
71.5-73.5		120/72	72
73.5-75.5		120/74	74
75.5-77.5		120/76	76
77.5-79.5		120/78	78
79.5-81.5		120/80	80
81.5-83.5		120/82	82
83.5-85.5		120/84	84
85.5-87.5		120/86	86
87.5-89.5		120/88	88
89.5-91.5		120/90	90
91.5-93.5		120/92	92
93.5-95.5		120/94	94
95.5-97.5		120/96	96
97.5-99.5		120/98	98
99.5-101.5		120/100	100

Blocks are referred to by their width (A) and hole diameter (B). Thus, a module with a width of 15 mm and a hole diameter of 4 mm is referred to as 15 /4.

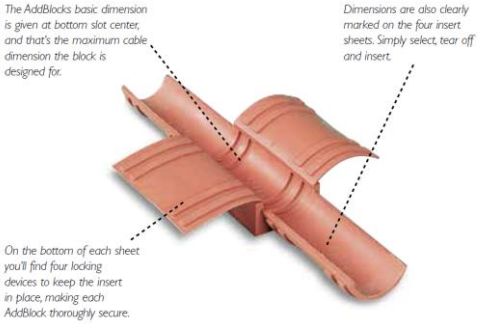
Ordering information

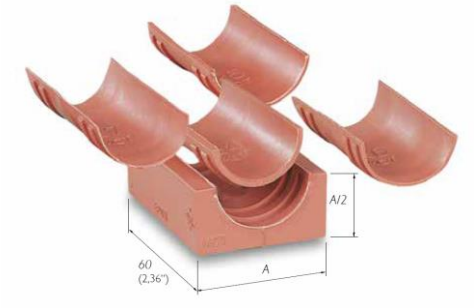
Block	Weight in grams per half	Ordering info
24 x 5/0	58	on request
12 x 10 /0	113	8000373
15/0	20	8101001
20/0	38	8000376
30/0	84	8000378
40/0	150	8000380
60/0	338	8000381
90x30/0	279	on request
15/4	10	on request
15/5	10	on request
15/6	10	on request
15/7	10	on request
15/8	9	8000396
15/9	8	8000397
20/4	18	on request
20/5	18	on request
20/6	17	on request

20/7	17	on request
20/8	16	on request
20/9	15	on request
20/10	14	8064330
20/11	13	8064331
20/12	13	8064332
20/13	12	8101003
20/14	11	8101004
30/12	36	on request
30/13	36	on request
30/14	35	8000413
30/15	34	8000414
30/16	33	8000415
30/17	31	8000416
30/18	30	8000417
30/19	28	8000418
30/20	27	8000419
30/21	25	8000420
30/22	24	on request
30/23	22	on request
30/24	21	on request
40/22	57	8000424
40/24	54	8000425
40/26	50	8000426
40/28	47	8000427
40/30	42	8000428
40/32	37	8000429
40/34	32	8000430
60/32	131	8000431
60/34	127	8000432
60/36	122	8000433
60/38	116	8000434
60/40	110	8000435
60/42	104	8101009
60/44	98	8000437
60/46	91	8080237
60/48	84	8000439
60/50	77	8000440
60/52	59	8000441
60/54	61	8000442
90/50	287	8026041
90/52	279	on request
90/54	273	on request

90/56	262	on request
90/58	255	on request
90/60	243	8000446
90/62	239	8000447
90/64	229	on request
90/66	220	on request
90/68	211	on request
90/70	204	on request
120/72	494	on request
120/74	485	8000390
120/76	472	on request
120/78	462	8000472
120/80	448	on request
120/82	437	8043038
120/84	425	on request
120/86	415	on request
120/88	403	on request
120/90	385	on request
120/92	368	on request
120/94	360	on request
120/96	351	on request
120/98	332	on request
120/100	313	on request
120/108	243	on request

AddBlocks





There are eleven different sizes of AddBlock.
By tearing off the wing-like inserts, which are of varying thickness, and inserting them in the main block it is possible to accommodate 66 different cable and pipe dimensions, from 3.5 mm (0.14”) to 69.5 mm (2.74”).The inserts are fitted with a locating ridge that fits exactly into furrows in the main block. These stop the block from ”telescoping”.

A seal using AddBlocks is as secure and tight
as one using standard blocks. Both types can be combined in a transit, which makes the MCT Brattberg seal system very flexible.
AddBlocks are all the same length as standard Blocks, 60 mm (2.36”). The width of standard Blocks (A measurement, see table) are 20, 30, 40, 60 or 90 mm, (0.79”), (1.18”), (1.57”), (2.36”) or (3.54”).

Ordering information

AddBlock Dimension	Cable or pipe Dimension (mm)	Weight per half (g)	Ordering info
20/4-8	3,5 - 8.,5	23	8038683
20/9-13	8.,5 - 13,5	23	8068658
30/14 - 18	13.,5 - 18,5	45	8000385
30/19 - 23	18,5 - 23,5	43	8000386
40/24 - 28	23,5 - 28,5	71	8025703
40/29 - 33	28,5 - 33,5	62	8086815
60/34 - 38	33,5 - 38,5	150	8000384
60/39 - 43	38,5 - 43,5	136	8055578
60/44 - 48	43,5 - 49,5	128	8000387
90/50 - 58	49.,5 - 59,5	348	8055570

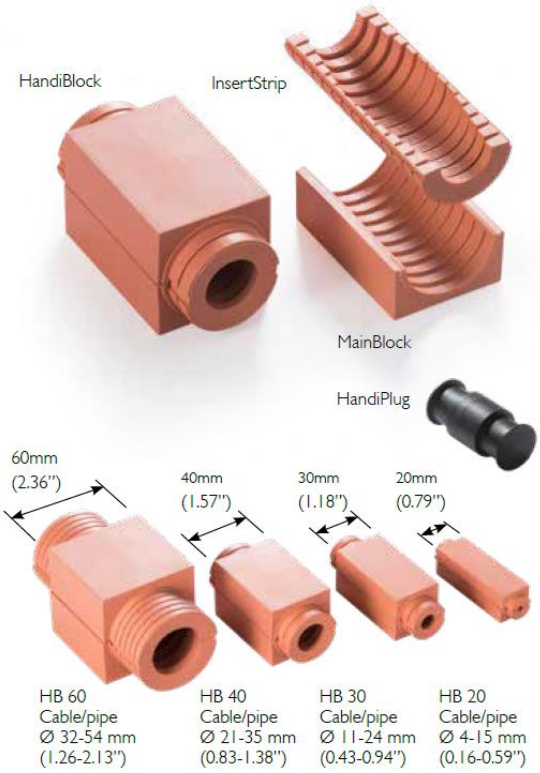
HandiBlocks

The HandiBlock is designed to facilitate installation and minimize errors, allowing correction of errors and consequently minimization of wastage.

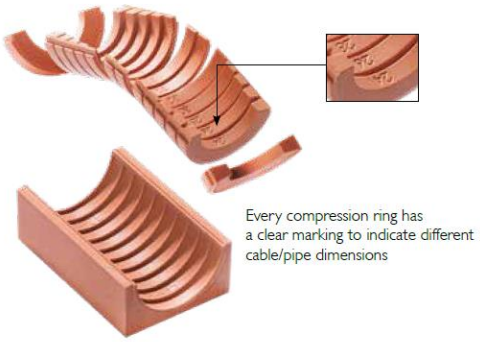
With HandiBlock the transit can always be pre-packed. If a cable or pipe is missing during assembly, the block is quickly rebuilt with a HandiPlug to a closed block and the transit can be completed at a later time.

HandiBlock is available in four sizes to fit cables and pipes or tubing from Ø 4 to 54 mm (Ø 1.58" to 2.13").

A HandiBlock consists of two compact MainBlocks with grooves on the inside and two inserts consisting of many compressed rings in different sizes. Each ring has clear markings for different cable sizes. It helps the technican to quickly and safely choose the right size of block, insert and ring. HandiBlock's design creates a seal as in compression do not deform the parts of the block. This means that all parts can be reused when repacking.



Extra fire protection! The part of the InsertStrip that protrudes from the MainBlock, acts as a small but effective heat shield.



Size, mm	HandiBlock complete with Plug, gr.	HandiBlock without Plug, gr	Plug, gr	Mainblock, gr	Insert strip, gr
20	37	32	5	22	10
30	90	73	17	46	27
40	150	117	33	72	44
60	382	300	85	155	144

Components/ Accessories

PTG-Presswedge

Can be used as an alternative to compression plate and STG. Can also be placed anywhere in the frame.

Made of Lycron, with stainless steel fittings.

Must always be installed in combination with a stayplate.

Ordering information

Description	Ordering info
Brattberg Press Wedge PTG-120	8038266

StayPlate

To be placed between each row of blocks. Stayplates simplyfies installation, increases stability and anchores blocks within the frame.
Plates come in galvanized or stainless steel and aluminium

Ordering information

Description	Ordering info
Brattberg Stayplate SS316L	8101010
Brattberg Stayplate Galv SS Z275 Hot	8000468
Brattberg Stayplate SS Z275 Hot Galv 60MM	8000466

STG-Endpacking

Installed between compression plate and the top of the frame, completing the seal. Made of Lycron with galvanized or stainless steel fittings

Ordering information

Description	Ordering info
Brattberg Final Sealing STG-1 Z275 Hot	8000463
Brattberg Final Sealing STG-1 SS STG-1	8000469

Compression Plate

Usually assembled above top row of blocks.

The plate bolt is tightened to compress blocks around cables, while providing room for STG endpacking.

Comes in GRP, glassfibre reinforced polyester

Lubricant

MCT Brattberg Lubricant consists of pure beef tallow or synthetic gel. It is used to improve the system's water and gas tightness and shall be applied on all Lycron parts sealing surfaces when such demands exist.

- For easier installation.
- must be used with pressure-tight installation.
- Synthetic lubricant is available.

Ordering information

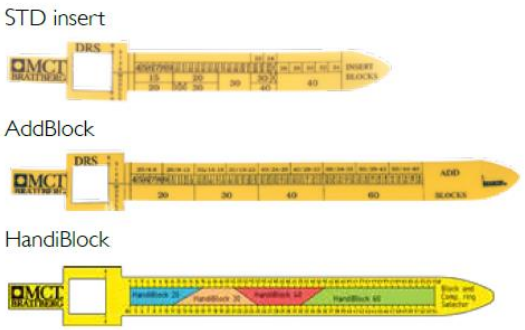
Description	Ordering info
Brattberg Lubricant	8000464

Packing Tool

Compresses insert block to hold cable/pipes during partial installations.

Block selector

For cable/pipe measurement.



Ordering information

Description	Ordering info
Brattberg Block Selector, STD insert	8069148