

# RGSF and RGSFB

**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.

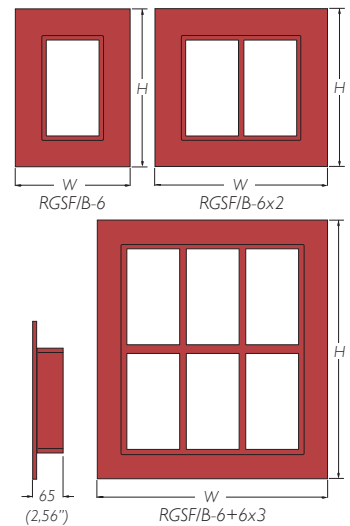
RGSF comes in the four standard sizes, 2, 4, 6 and 8, and has the standard measurements of the RGS, but with the added width of the flange: 60 mm (2.36") wide and 10 mm (0.39") thick.

RGSF can also be installed in multiple frames, see page 17.

For installations where cables are already in place, specify RGSFO which has a removable end.

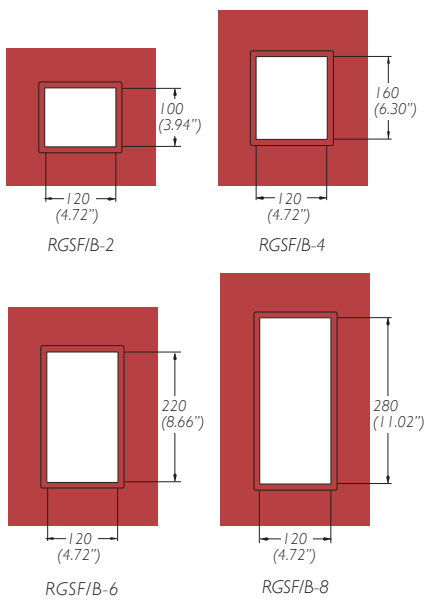
The **RGSFB** transit frame is similar to RGSF except that it is bolted to the deck or bulkhead. The bolted frames can be used in areas where hot working is prohibited, or when the stress level induced by welding is unacceptable. RGSFB frames are supplied in kit form, complete with drilled holes, bolts, 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								Size in inches							
	W (width) Multiple Frames								W (width) Multiple Frames							
	H	x 1	x 2	x 3	x 4	x 5	x 6	x n	H	x 1	x 2	x 3	x 4	x 5	x 6	x n
RGSF/B-2	241	60,5	391	521.5	652	782.5	913	W = 130+ 130,5 x n	9.49	10.26	15.39	20.53	25.67	30.81	35.94	W = 5.12 + 5.14 x n
RGSF/B-4	299,5	- "	- "	- "	- "	- "	- "		11.79	- "	- "	- "	- "	- "	- "	
RGSF/B-6	358	- "	- "	- "	- "	- "	- "		14.09	- "	- "	- "	- "	- "	- "	
RGSF/B-8	416,5	- "	- "	- "	- "	- "	- "		16.40	- "	- "	- "	- "	- "	- "	
RGSF/B-2+2	362		- "	- "	- "	- "	- "		14.25		- "	- "	- "	- "	- "	
RGSF/B-2+4	420,5		- "	- "	- "	- "	- "		16.56		- "	- "	- "	- "	- "	
RGSF/B-2+6	479		- "	- "	- "	- "	- "		18.86		- "	- "	- "	- "	- "	
RGSF/B-2+8	537,5		- "	- "	- "	- "	- "		21.16		- "	- "	- "	- "	- "	
RGSF/B-4+4	479		- "	- "	- "	- "	- "		18.86		- "	- "	- "	- "	- "	
RGSF/B-4+6	537,5		- "	- "	- "	- "	- "		21.16		- "	- "	- "	- "	- "	
RGSF/B-4+8	596		- "	- "	- "	- "	- "		23.46		- "	- "	- "	- "	- "	
RGSF/B-6+6	596		- "	- "	- "	- "	- "		23.46		- "	- "	- "	- "	- "	
RGSF/B-6+8	654,5		- "	- "	- "	- "	- "		25.77		- "	- "	- "	- "	- "	
RGSF/B-8+8	713		- "	- "	- "	- "	- "		28.07		- "	- "	- "	- "	- "	
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  <b>RGSF-frames are normally supplied with straight corners but are also available with round corners with a radius of 63 mm</b>						13.86	10,26	n = number of frames wide. Tolerance single frame: Height ± 0.04", Width ± 0.03". Material thickness is 0.39".  <b>RGSF-frames are normally supplied with straight corners but are also available with round corners with a radius of 2.48".</b>					
RGSF/B-2+4	410,5	- "							16.16	- "						
RGSF/B-2+6	469	- "							18.46	- "						
RGSF/B-2+8	527,5	- "							20.77	- "						
RGSF/B-4+4	469	- "							18.46	- "						
RGSF/B-4+6	527,5	- "							20.77	- "						
RGSF/B-4+8	586	- "							23.07	- "						
RGSF/B-6+6	586	- "							23.07	- "						
RGSF/B-6+8	644,5	- "							25.37	- "						
RGSF/B-8+8	703	- "							27.68	- "						





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.



Material	Frame size	Weight in kilograms						Weight in pounds						
		W (width) Multiple Frames						W (width) Multiple Frames						
		x1	x2	x3	x4	x5	x6	x1	x2	x3	x4	x5	x6	
MILD STEEL	RGSF/B-2	5,9	8,9	11,8	14,8	17,8	20,7	13,0	19,6	26,0	32,6	39,2	45,6	
	RGSF/B-4	7,0	10,3	13,6	16,9	20,2	23,4	15,4	22,7	30,0	37,3	44,5	51,6	
	RGSF/B-6	8,0	11,5	15,1	18,6	22,1	25,6	17,6	25,4	33,3	41,0	48,7	56,4	
	RGSF/B-8	9,0	12,8	16,5	20,3	24,0	27,8	19,8	28,2	36,4	44,8	52,9	61,3	
	S355JR S355J2 S355K2	RGSF/B-2+2	8,4	13,9	19,0	24,0	29,1	34,1	18,5	30,6	41,9	52,9	64,2	75,2
		RGSF/B-2+4	9,5	15,3	20,5	25,7	30,9	36,1	20,9	33,7	45,2	56,7	68,1	79,6
		RGSF/B-2+6	10,6	16,5	21,9	27,2	32,6	37,9	23,4	36,4	48,3	60,0	71,9	83,6
		RGSF/B-2+8	11,7	17,9	23,5	29,2	34,8	40,4	25,8	39,5	51,8	64,4	76,7	89,1
	A36 AH36 DH36 EH36	RGSF/B-4+4	10,6	16,5	21,9	27,2	32,6	37,9	23,4	36,4	48,3	60,0	71,9	83,6
		RGSF/B-4+6	11,7	17,9	23,5	29,2	34,8	40,4	25,8	39,5	51,8	64,4	76,7	89,1
		RGSF/B-4+8	12,8	19,2	25,1	31,0	36,9	42,8	28,2	42,3	55,3	68,3	81,4	94,4
		RGSF/B-6+6	12,8	19,2	25,1	31,0	36,9	42,8	28,2	42,3	55,3	68,3	81,4	94,4
	RGSF/B-6+8	13,9	20,6	26,9	33,1	39,4	45,6	30,6	45,4	59,3	73,0	86,9	100,5	
	RGSF/B-8+8	15,0	22,1	28,7	35,4	42,0	48,6	33,1	48,7	63,3	78,0	92,6	107,1	
STAINLESS STEEL	RGSF/B-2	6,1	9,1	12,1	15,2	18,2	21,2	13,4	20,1	26,7	33,5	40,1	46,7	
	RGSF/B-4	7,2	10,6	13,9	17,3	20,7	24,0	15,9	23,4	30,6	38,1	45,6	52,9	
	RGSF/B-6	8,2	11,8	15,4	19,0	22,7	26,3	18,1	26,0	34,0	41,9	50,0	58,0	
	RGSF/B-8	9,2	13,1	16,9	20,8	24,6	28,5	20,3	28,9	37,3	45,9	54,2	62,8	
	1.4404	RGSF/B-2+2	8,6	14,3	19,5	24,7	29,8	35,0	19,0	31,5	43,0	54,5	65,7	77,2
		RGSF/B-2+4	9,7	15,7	21,0	26,4	31,7	37,0	21,4	34,6	46,3	58,2	69,9	81,6
		RGSF/B-2+6	10,9	16,9	22,4	27,9	33,4	38,9	24,0	37,3	49,4	61,5	73,6	85,8
		RGSF/B-2+8	12,0	18,4	24,2	29,9	35,7	41,4	26,5	40,6	53,4	65,9	78,7	91,3
	AISI 316L	RGSF/B-4+4	10,9	16,9	22,4	27,9	33,4	38,9	24,0	37,3	49,4	61,5	73,6	85,8
		RGSF/B-4+6	12,0	18,4	24,2	29,9	35,7	41,4	26,5	40,6	53,4	65,9	78,7	91,3
		RGSF/B-4+8	13,1	19,7	25,8	31,8	37,9	43,9	28,9	43,4	56,9	70,1	81,4	96,8
		RGSF/B-6+6	13,1	19,7	25,8	31,8	37,9	43,9	28,9	43,4	56,9	70,1	83,6	96,8
	RGSF/B-6+8	14,3	21,1	27,5	33,9	40,3	46,7	31,5	46,5	60,6	74,7	88,8	103,0	
	RGSF/B-8+8	15,4	22,7	29,5	36,3	43,0	49,8	34,0	50,0	65,0	80,0	94,8	109,8	
ALUMINIUM	RGSF/B-2	2,1	3,1	4,1	5,2	6,2	7,3	4,6	6,8	9,0	11,5	13,7	16,1	
	RGSF/B-4	2,5	3,6	4,8	5,9	7,1	8,2	5,5	7,9	10,6	13,0	15,7	18,1	
	RGSF/B-6	2,8	4,0	5,3	6,5	7,7	9,0	6,2	8,8	11,7	14,3	17,0	19,8	
	RGSF/B-8	3,2	4,5	5,8	7,1	8,4	9,7	7,1	9,9	12,8	15,7	18,5	21,4	
	EN AW-6082 EN AW-5086	RGSF/B-2+2	2,9	4,9	6,7	8,4	10,2	11,9	6,4	10,8	14,8	18,5	22,5	26,2
		RGSF/B-2+4	3,3	5,4	7,2	9,1	10,9	12,7	7,3	11,9	15,9	20,1	24,0	28,0
		RGSF/B-2+6	3,7	5,8	7,7	9,6	11,4	13,3	8,2	12,8	17,0	21,2	25,1	29,3
		RGSF/B-2+8	4,1	6,3	8,3	10,2	12,2	14,1	9,0	13,9	18,3	22,5	26,9	31,1
		RGSF/B-4+4	3,7	5,8	7,7	9,6	11,4	13,3	8,2	12,8	17,0	21,2	25,1	29,3
		RGSF/B-4+6	4,1	6,3	8,3	10,2	12,2	14,1	9,0	13,9	18,3	22,5	26,9	31,1
		RGSF/B-4+8	4,5	6,7	8,8	10,9	12,9	15,0	9,9	14,8	19,4	24,0	28,4	33,1
		RGSF/B-6+6	4,5	6,7	8,8	10,9	12,9	15,0	9,9	14,8	19,4	24,0	28,4	33,1
	RGSF/B-6+8	4,9	7,2	9,4	11,6	13,7	15,9	10,8	15,9	20,7	25,6	30,2	35,1	
	RGSF/B-8+8	5,3	7,7	10,0	12,4	14,7	17,0	11,7	17,0	22,0	27,3	32,4	37,5	