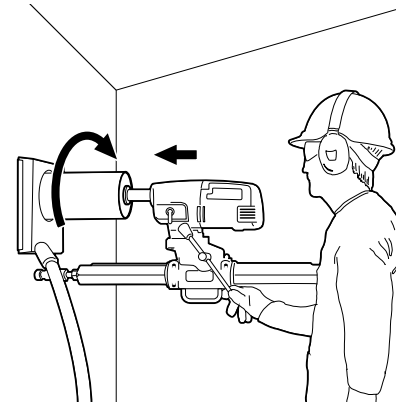


Aperture dimensions Roxtec S frame series tables

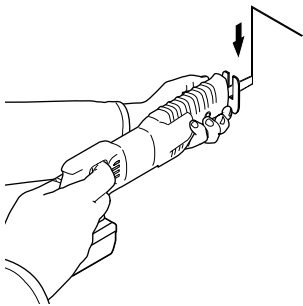


General

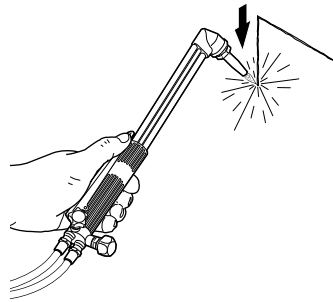
The table states the nominal dimensions for the frames. Production tolerances in combination with large frame sizes can offset the actual dimension. When a tight fit is required it is recommended to measure the frame first and then cut the aperture. Select appropriate fasteners suitable for the structure and load of the frame.

Tools

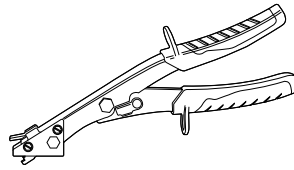
Various examples of tools. Use an appropriate tool to make an aperture.



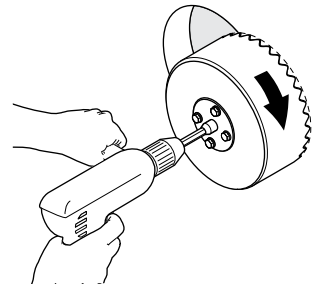
Tiger saw



Cutting torch



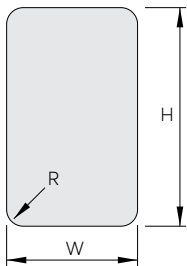
Nibbler



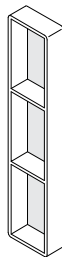
Hole saw

Abbreviations

Z=Frame size
 H=Aperture height
 W=Aperture width
 R=Aperture radius

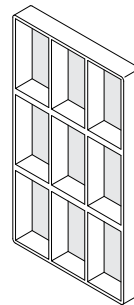


Aperture for rectangular transits.



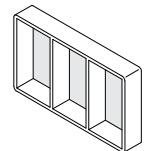
Frame with size (Z)

Z+Z+Zx1



Frame with size (Z)

Z+Z+Zx3



Frame with size (Z)

Zx3

Aperture dimensions for S, SK and SBTB frames

Z	H ±1	W ±1	R ±2
2	123	x1 143	8
2+2	234		
2+2+2	345		
2+2+2+2	456		
4	182		
4+4	351		
4+4+4	521		
4+4+4+4	690		
6	240		
6+6	468		
6+6+6	696		
6+6+6+6	924		
8	300		
8+8	588		
8+8+8	876		
8+8+8+8	1164		

Z	H ±1	W ±1								R ±2	
2	123	x2 273	x3 404	x4 534	x5 665	x6 795	x7 926	x8 1056	x9 1187	x10 1317	8
2+2	244										
2+2+2	365										
2+2+2+2	486										
4	182										
4+4	361										
4+4+4	541										
4+4+4+4	720										
6	240										
6+6	478										
6+6+6	716										
6+6+6+6	954										
8	300										
8+8	598										
8+8+8	896										
8+8+8+8	1194										

Z	H ±1	W ±1	R ±2
1	123	82	8
1+1	234		
1+1+1	345		
1+1+1+1	456		
3	182		
3+3	351		
3+3+3	521		
3+3+3+3	690		
5	240		
5+5	468		
5+5+5	696		
5+5+5+5	924		
7	300		
7+7	588		
7+7+7	876		
7+7+7+7	1164		

Z	H ±1	W ±1								R ±2	
1	123	x2 152	x3 224	x4 294	x5 365	x6 435	x7 506	x8 576	x9 647	x10 717	8
1+1	244										
1+1+1	365										
1+1+1+1	486										
3	182										
3+3	361										
3+3+3	541										
3+3+3+3	720										
5	240										
5+5	478										
5+5+5	716										
5+5+5+5	954										
7	300										
7+7	598										
7+7+7	896										
7+7+7+7	1194										

Aperture dimensions for SRC frames

Z	H ±1	W ±1	R ±1
2	123	x1	31
2+2	234		
2+2+2	345		
2+2+2+2	456		
4	182		
4+4	351		
4+4+4	521		
4+4+4+4	690		
6	240		
6+6	468		
6+6+6	696		
6+6+6+6	924		
8	300		
8+8	588		
8+8+8	876		
8+8+8+8	1164		

r20 frame

Z	H ±1	W ±1										R ±1
2	123	x2	x3	x4	x5	x6	x7	x8	x9	x10	31	
2+2	244											
2+2+2	365											
2+2+2+2	486											
4	182											
4+4	361											
4+4+4	541											
4+4+4+4	720											
6	240											
6+6	478											
6+6+6	716											
6+6+6+6	954											
8	300											
8+8	598											
8+8+8	896											
8+8+8+8	1194											

Z	H ±1	W ±1	R ±1
2	123	x1	51
2+2	234		
2+2+2	345		
2+2+2+2	456		
4	182		
4+4	351		
4+4+4	521		
4+4+4+4	690		
6	240		
6+6	468		
6+6+6	696		
6+6+6+6	924		
8	300		
8+8	588		
8+8+8	876		
8+8+8+8	1164		

r40 frame

Z	H ±1	W ±1										R ±1
2	123	x2	x3	x4	x5	x6	x7	x8	x9	x10	51	
2+2	244											
2+2+2	365											
2+2+2+2	486											
4	182											
4+4	361											
4+4+4	541											
4+4+4+4	720											
6	240											
6+6	478											
6+6+6	716											
6+6+6+6	954											
8	300											
8+8	598											
8+8+8	896											
8+8+8+8	1194											

Z	H ±1	W ±1	R ±1
2	123	x1	71
2+2	234		
2+2+2	345		
2+2+2+2	456		
4	182		
4+4	351		
4+4+4	521		
4+4+4+4	690		
6	240		
6+6	468		
6+6+6	696		
6+6+6+6	924		
8	300		
8+8	588		
8+8+8	876		
8+8+8+8	1164		

r60 frame

Z	H ±1	W ±1										R ±1
2	123	x2	x3	x4	x5	x6	x7	x8	x9	x10	71	
2+2	244											
2+2+2	365											
2+2+2+2	486											
4	182											
4+4	361											
4+4+4	541											
4+4+4+4	720											
6	240											
6+6	478											
6+6+6	716											
6+6+6+6	954											
8	300											
8+8	598											
8+8+8	896											
8+8+8+8	1194											

Aperture dimensions for SF frames

Z	H ±15	W ±15	R ±3
2	181	x1	5
2+2	292		
2+2+2	403		
2+2+2+2	514		
4	240		
4+4	409		
4+4+4	579		
4+4+4+4	748		
6	298		
6+6	526		
6+6+6	754		
6+6+6+6	982		
8	358		
8+8	646		
8+8+8	934		
8+8+8+8	1222		

Z	H ±15	W ±15										R ±3
2	181	x2	x3	x4	x5	x6	x7	x8	x9	x10	5	
2+2	302											
2+2+2	423											
2+2+2+2	544											
4	240											
4+4	419											
4+4+4	599											
4+4+4+4	778											
6	298											
6+6	536											
6+6+6	774											
6+6+6+6	1012											
8	358											
8+8	656											
8+8+8	954											
8+8+8+8	1252											

Z	H ±15	W ±15	R ±3
1	181	x1	5
1+1	292		
1+1+1	403		
1+1+1+1	514		
3	240		
3+3	409		
3+3+3	579		
3+3+3+3	748		
5	298		
5+5	526		
5+5+5	754		
5+5+5+5	982		
7	358		
7+7	646		
7+7+7	934		
7+7+7+7	1222		

Z	H ±15	W ±15										R ±3
1	181	x2	x3	x4	x5	x6	x7	x8	x9	x10	5	
1+1	302											
1+1+1	423											
1+1+1+1	544											
3	240											
3+3	419											
3+3+3	599											
3+3+3+3	778											
5	298											
5+5	536											
5+5+5	774											
5+5+5+5	1012											
7	358											
7+7	656											
7+7+7	954											
7+7+7+7	1252											

Aperture dimensions for SFHM frames

Z	H ±5	W ±5	R ±3
2	141	x1 161	5
2+2	252		
2+2+2	363		
2+2+2+2	474		
4	200		
4+4	369		
4+4+4	539		
4+4+4+4	709		
6	258		
6+6	486		
6+6+6	714		
6+6+6+6	942		
8	318		
8+8	606		
8+8+8	894		
8+8+8+8	1182		

Z	H ±5	W ±5										R ±3
2	141	x2 291	x3 422	x4 552	x5 683	x6 813	x7 944	x8 1074	x9 1205	x10 1335	5	
2+2	262											
2+2+2	383											
2+2+2+2	504											
4	200											
4+4	379											
4+4+4	559											
4+4+4+4	739											
6	258											
6+6	496											
6+6+6	734											
6+6+6+6	972											
8	318											
8+8	616											
8+8+8	914											
8+8+8+8	1212											

Z	H ±5	W ±5	R ±3
1	141	x1 101	5
1+1	252		
1+1+1	363		
1+1+1+1	474		
3	200		
3+3	369		
3+3+3	539		
3+3+3+3	709		
5	258		
5+5	486		
5+5+5	714		
5+5+5+5	942		
7	318		
7+7	606		
7+7+7	894		
7+7+7+7	1182		

Z	H ±5	W ±5										R ±3
1	141	x2 171	x3 242	x4 312	x5 383	x6 453	x7 524	x8 594	x9 665	x10 735	5	
1+1	262											
1+1+1	383											
1+1+1+1	504											
3	200											
3+3	379											
3+3+3	559											
3+3+3+3	739											
5	258											
5+5	496											
5+5+5	734											
5+5+5+5	972											
7	318											
7+7	616											
7+7+7	914											
7+7+7+7	1212											

Disclaimer

"The Roxtec cable entry sealing system ("the Roxtec system") is a modular-based system of sealing products consisting of different components. Each and every one of the components is necessary for the best performance of the Roxtec system. The Roxtec system has been certified to resist a number of different hazards. Any such certification, and the ability of the Roxtec system to resist such hazards, is dependent on all components that are installed as a part of the Roxtec system. Thus, the certification is not valid and does not apply unless all components installed as part of the Roxtec system are manufactured by or under license from Roxtec ("authorized manufacturer"). Roxtec gives no performance guarantee with respect to the Roxtec system, unless (I) all components installed as part of the Roxtec system are manufactured by an authorized manufacturer and (II) the purchaser is in compliance with (a), and (b), below.

(a) During storage, the Roxtec system or part thereof, shall be kept indoors in its original packaging at room temperature.
 (b) Installation shall be carried out in accordance with Roxtec installation instructions in effect from time to time.

The product information provided by Roxtec does not release the purchaser of the Roxtec system, or part thereof, from the obligation to independently determine the suitability of the products for the intended process, installation and/or use.

Roxtec gives no guarantee for the Roxtec system or any part thereof and assumes no liability for any loss or damage whatsoever, whether direct, indirect, consequential, loss of profit or otherwise, occurred or caused by the Roxtec systems or installations containing components not manufactured by an authorized manufacturer and/or occurred or caused by the use of the Roxtec system in a manner or for an application other than for which the Roxtec system was designed or intended.

Roxtec expressly excludes any implied warranties of merchantability and fitness for a particular purpose and all other express or implied representations and warranties provided by statute or common law. User determines suitability of the Roxtec system for intended use and assumes all risk and liability in connection therewith. In no event shall Roxtec be liable for indirect, consequential, punitive, special, exemplary or incidental damages or losses.*



Roxtec International AB
 Box 540, 371 23 Karlskrona, SWEDEN
 +46 455 36 67 00, info@roxtec.com
 www.roxtec.com