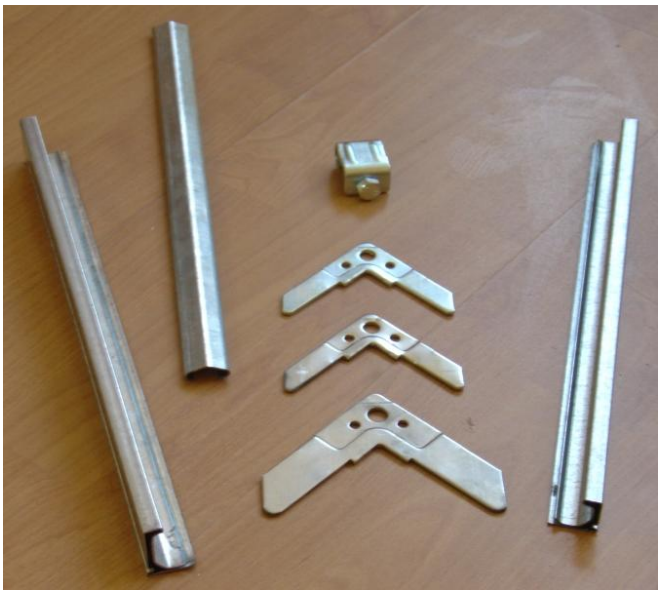
AEROGRAMMI

DESIGN AND MANUFACTURE OF GRILLES AND SPECIAL AIR CONDITIONING COMPONENTS

CERT Quality Assurance ISO 9001

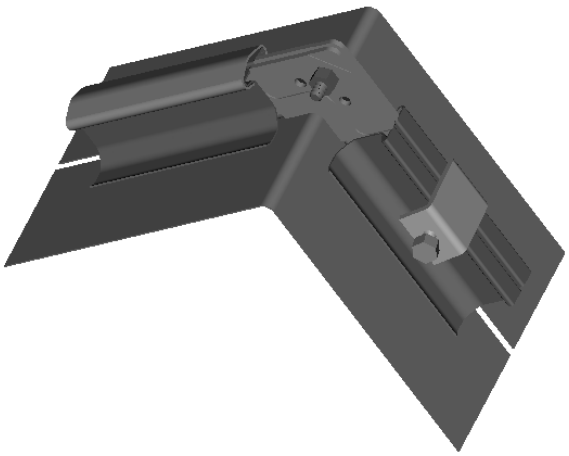
COMPONENTS FOR AIR CONDITIONING DUCTS



Our company after many years in the area of the air conditioning components construction (air grilles, dampers, filters …etc), has proceeded to the design and development of components for air duct connection, which constructs to especially competitive prices.

The system for connecting air ducts with profiles is used to all the contemporary facilities of central air conditioning. This way of connection of the air ducts , reassures the minimizing of the loses, which leads to the reduction of the functional cost of the facility. Another characteristic that it has, is the stability of the construction that it reassures. Also, it can function in high speed, which means lower cutting, and that reduces the cost of the construction of the facility and the demanded space of its installation. Another characteristic of the system is the convenience of the installation, which means lesser constructive time and working costs. Below, are described the materials that are demanded and even the way for the connection of the air ducts.

The quality of our products is guaranteed by our quality certificate ELOT EN ISO 9001:2000



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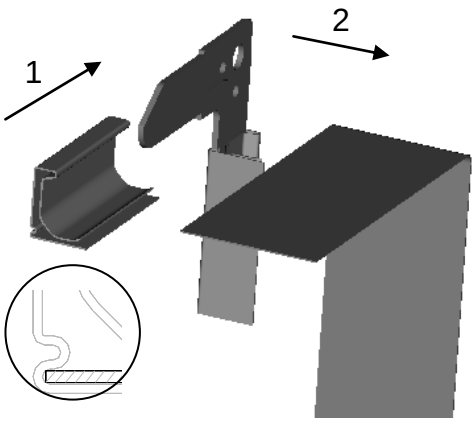
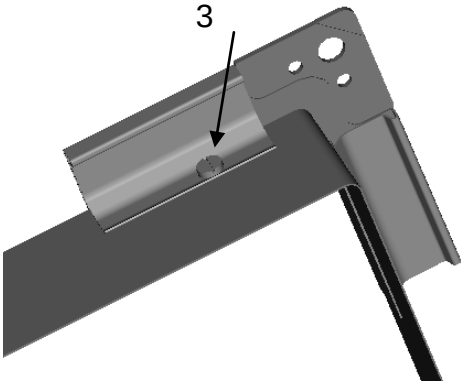
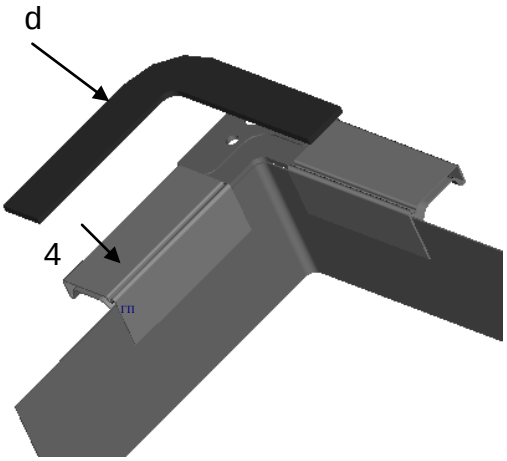
ASSEMBLING AND CONNECTING AIR DUCTS



Detail A





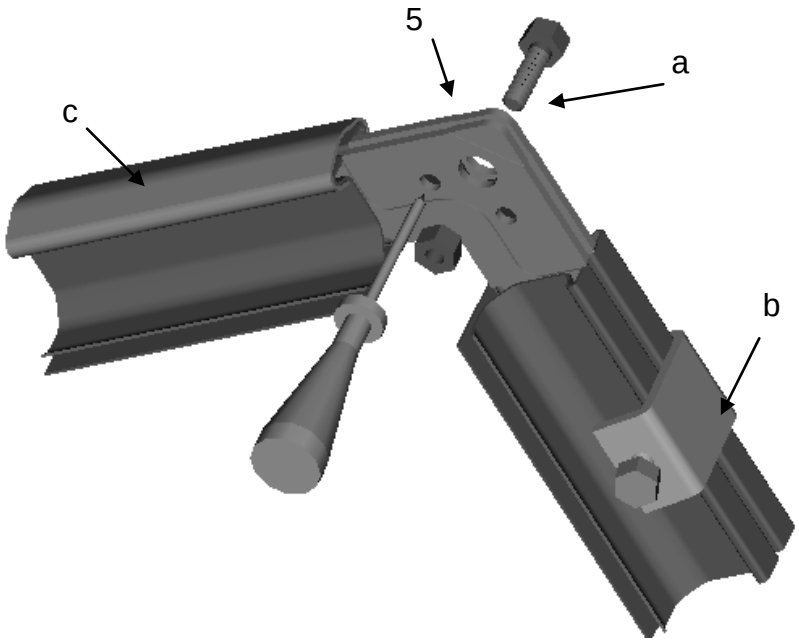
1. We assemble the corners and the profiles. Attention is demanded, so that the profiles are cut in the right length. When we use a corner S-30 the length of the profile should be 39mm less than the length of the side of the air duct, in which it is to be put. When the corner is S-20 the difference of the length of the profile and the side of the air duct is 37,5mm.For example, if we have an air duct 60x50cm and we use profile SB-30, the profiles will be 56,1 and 46,1 cm in each side.

2. Then we fit the frame that we made into the air duct. Attention is required so that the sheet-steel of the air duct is to be fit well to the relevant slot of the profile.(detail A).

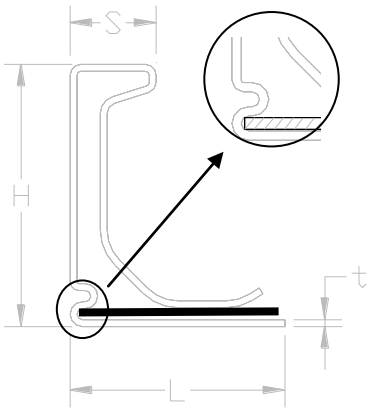
3. We fix the frame to the air duct. This can be done either by screws, as it is shown to the drawing, or by rivets or by electric spot welding or by connecting device.

4. We put the isolating material to the one external side of the profile.

5. We bring in contact the air ducts, which we want to connect. We connect the air ducts with screws to the corners (a) and clumps (b) or drawers (c) if necessary. The centralizing of the corner can be done with the help of one screwdriver, which we put to the small holes of the corner.



CONNECTING PROFILE FOR AIR DUCTS (SB)

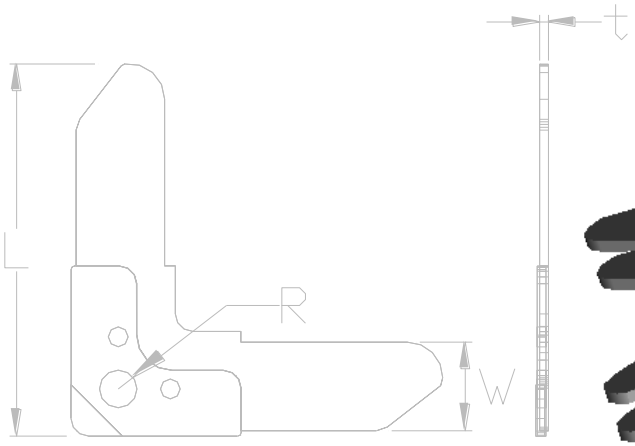


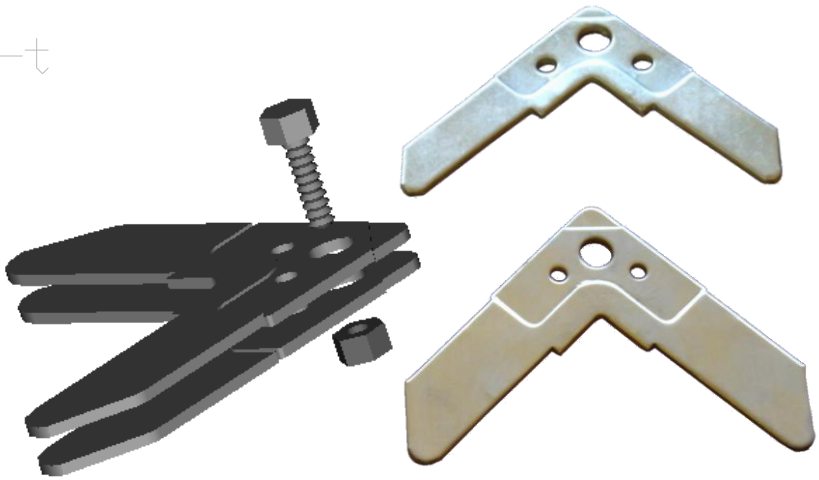
Profile for the connection of air ducts from galvanized sheet-steel. Attention should be given, so that the sheet-steel of the air duct fits well, to the relative slot of the profile, so that air leakage is prevented.

TYPE	H (mm)	L (mm)	S (mm)	t (mm)	MATERIAL	WEIGHT/ m	LENGTH/ PCS	WEIGHT / PCS
SB-20	19,5	28,2	9,5	0,7	GALVANIZED	$0^{,520}$ Kg	5 m	$2^{,600}$ Kg
SB-30	31,0	28,4	9,5	0,8	GALVANIZED	$0^{,700}$ Kg	5 m	$3^{,500}$ Kg

TYPE	PACKAGING (PCS)	WEIGHT OF PACKAGING	MAXIMUM PRESSURE IN AIR DUCT	MAXIMUM DIAGONAL IN AIR DUCT
SB-20	10	$26^{,000}$ Kg	500 Pa	600 mm
SB-30	10	$35^{,000}$ Kg	1400 Pa	1300 mm

CORNER FOR THE CONNECTION OF THE AIR DUCTIS PROFILES (S)



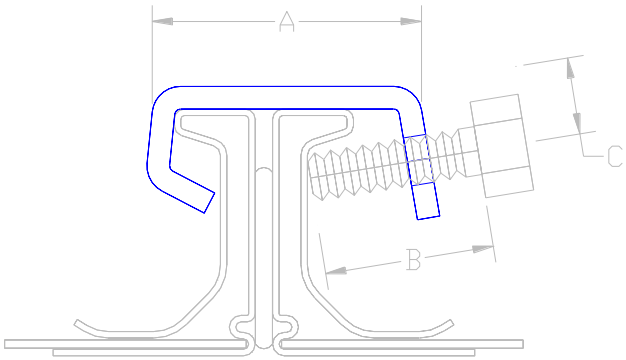


Corner for the connection of the profiles. It is manufactured from galvanized sheet-steel

TYPE	L (mm)	W (mm)	R (mm)	t (mm)	MATERIAL	WEIGHT/ PCS	PCS/PACKAGING	WEIGHT OF PACKAGING
S-20	80	15	9	2,5	GALVANIZED	40 gr	500	$20^{,000}$ Kg
S-30	106	23	10,5	2,5	GALVANIZED	85 gr	250	$21^{,250}$ Kg

COMPONENTS FOR CONNECTION OF PROFILES

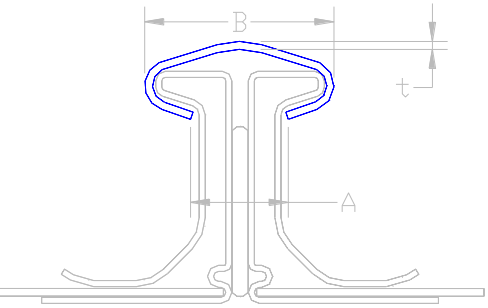
A. CONNECTION WITH CLAMP (A)



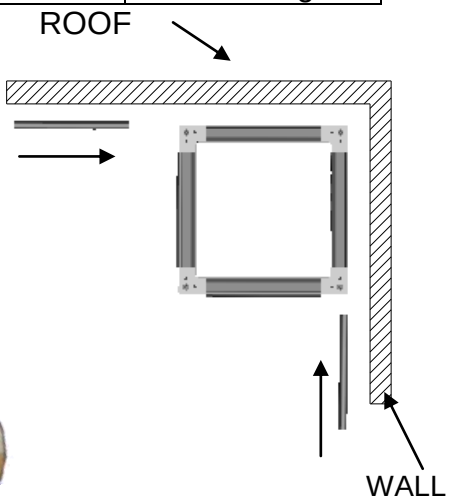
G- shaped clamp for tighten the profiles of air ducts. For the prevention of leeks. It also helps to avoid deformations to the profiles

TYPE	A (mm)	B (mm)	C (mm)	SCREW	WEIGHT /PCS	PACKAGING (PCS)	WEIGHT OF PACKAGING
A	34	20	9,5	M8	50gr	250	$12^{,500}$ Kg

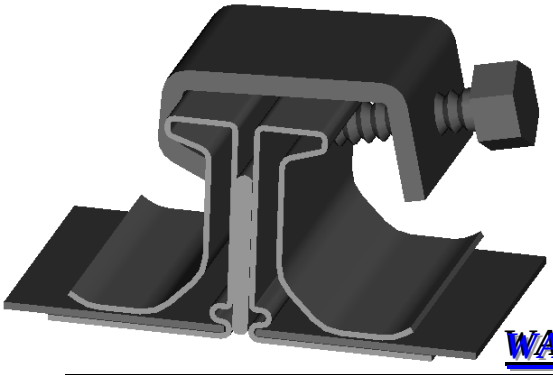
B. CONNECTION WITH DRAWER (SA)

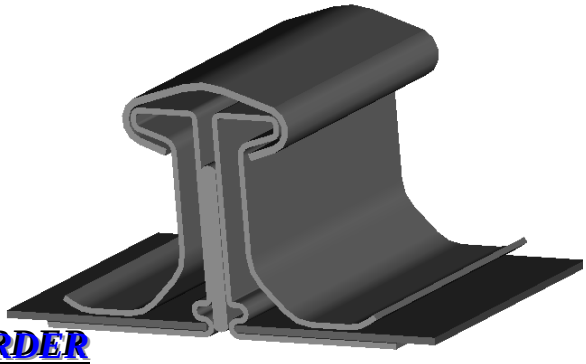


It is cut in the length of the profile in which it will be installed. It is manufactured by galvanized sheet-steel with width 1 mm. For better prevention of leakage and deformations to the profiles or in case that the air duct is in a corner and when we can't put a clamp.



TYPE	A (mm)	B (mm)	t (mm)	WEIGHT /m	LENGTH /PCS	WEIGHT /PCS	PACKAGING (PCS)	WEIGHT OF PACKAGING
SA	12,5	25	1	305 gr	2 m	$0^{,610}$ Kg	10	$6^{,100}$ Kg





WAY OF ORDER

TYPE		QUANTITY OF ORDER	PACKAGING OF ORDER
SB-20	(profile)	1000 m	20 pack
S-20	(corner)	2000 pcs	4 box
A	(clamp)	500 pcs	2 box
SA	(drawer)	60 m	3 pack