



+4 0241 238 488



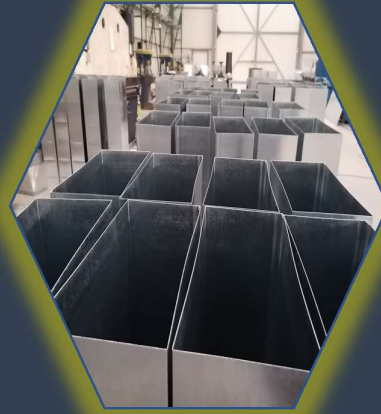
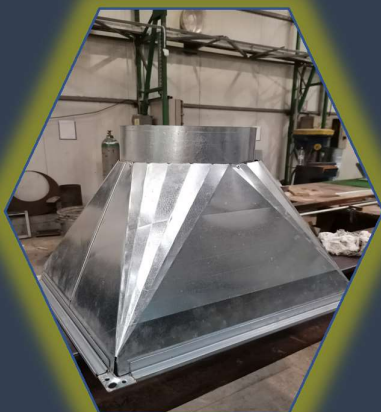
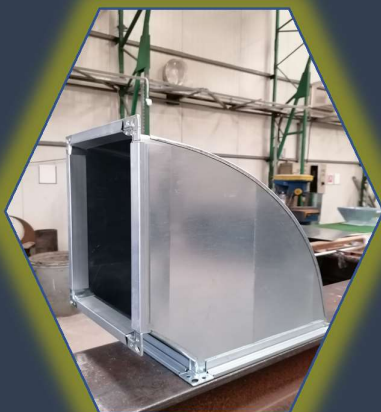
office@nimbconsmetal.ro



Cernavoda, Str. Valea
Cismelei, Nr. 5

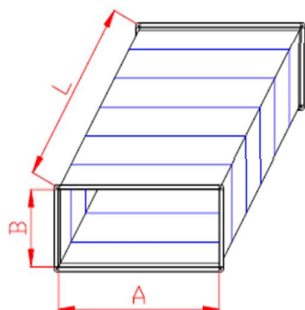
Catalog tehnic:
tubulatura rectangulara
si piese speciale din
tabla de otel zincata

2021-2022



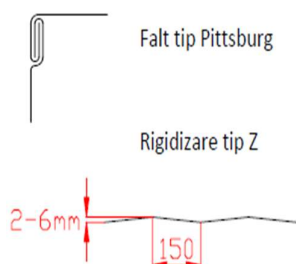


Date generale



Proces de fabricatie

- Fabricarea canalelor drepte se realizeaza prin utilizarea unei linii automate in care se parcurg urmatoarele etape: programarea grosimii tablei, randalinarea (ridigizarea tip Z), debitarea finala a canalului drept, inchiderea automata a canalului drept prin utilizarea liniei de inchis canale cu falt tip Pittsburg, debitarea flanselor, prinderea flanselor, etansare la nivelul coltarelor cu mastic siliconic.



-In fabricarea pieselor speciale cu sectiune rectangulara, se parcurg urmatoarele etape: proiectarea piesei in programul informatic, decuparea tablei la formele si dimensiunile necesare cu ajutorul masii de taiat cu plasma, realizarea faltului dublu si simplu, roluirea reperelor necesare, inchiderea flaturilor, debitarea flanselor, prinderea flanselor, etansare cu mastic pe lungimea imbinarilor si la nivelul coltarelor.

Domenii de utilizare

-Tubulatura si piesele speciale cu sectiune rectangulara, din tabla de otel zincata se utilizeaza in instaltii de ventilare si climatizare a cladirilor cu diferite functionalitati (banci, farmacii, sedii birouri, hoteluri, gari, aeroporturi, parcar subterane, etc.)

-Tubulatura/piesele speciale se executa in constructie normala (fara rezistenta la foc) sau cu rezistenta la foc, agrementata conform standardului EN 12101-7:2011.

Etanseitate, rezistenta mecanica si stabilitate

-Tubulatura de ventilatie si piesele speciale sunt rezistente la sarcini statice si dinamice date de circulatia aerului si de greutatea proprie, de asemenea nu afecteaza structura de rezistenta a cladirilor.

-Gradul de etanseitate al tubulaturii este clasa D, conform normativului I5

Dimensiuni, unitati de masura si toleranta

-Dimensiunile canalelor rectangulare si a pieselor speciale sunt exprimate in mm, masurate la interior.

Materiale:

- LBZ-Dx51D-0,50x1250; LBZ-Dx51D-0,80x1250; LBZ-Dx51D-1,00x1250. In functie de cerinte, se pot executa si din alte materiale.

Grosime material si profil flansa

- | | | |
|------------------------|------------------------|----------------------------|
| $a, b \leq 400$ | - $g = 0,5 \text{ mm}$ | -P20, S20 (flansa, coltar) |
| $400 < a, b \leq 1000$ | - $g = 0,8 \text{ mm}$ | -P30, S30 (flansa, coltar) |
| $a, b > 1000$ | - $g = 1,0 \text{ mm}$ | -P30, S30 (flansa, coltar) |



Model comanda

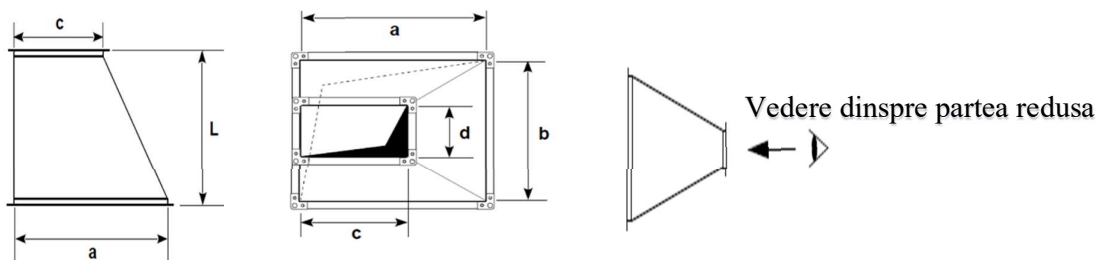
- Comandarea pieselor speciale este necesar sa fie insotite de desene cu cel putin o vedere de sus, in care sunt trecute toate cotele, pentru o buna corelare intre ce se comanda si ce se primeste. De asemenea, la comandare este necesar ca prima cota sa fie croiala.

*La comandarea tubulaturii/pieselor speciale cu rezistenta la foc este necesar adugarea prefixului **(SR)**

Exemple:

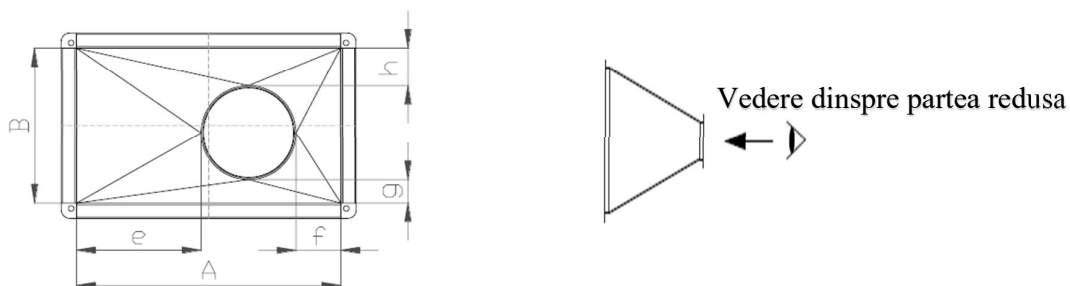
(SR)*RRA a x b/ c x D; L=?; P.D: b-d

(SR)*Reductie rectangulara asimetrica a x b/ c x d ; L = ?mm; Parte dreapta latura b-d



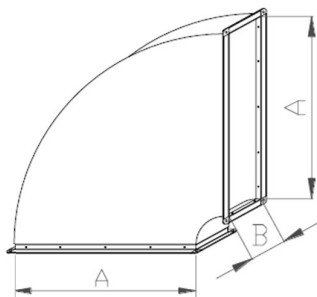
(SR)*TRC a x b / Ø; e=?; h=?; L=?

(SR)*Trecere de la rectangular la circular a x b/ Ø; e=?; h=?; L=?



(SR)*CRS a x b; 90 grade ; R = ?mm

(SR)*Cot rectangular standard a x b; 90 grade; R= ? mm



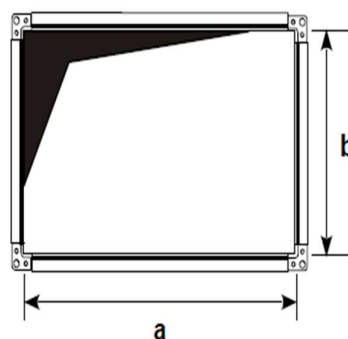
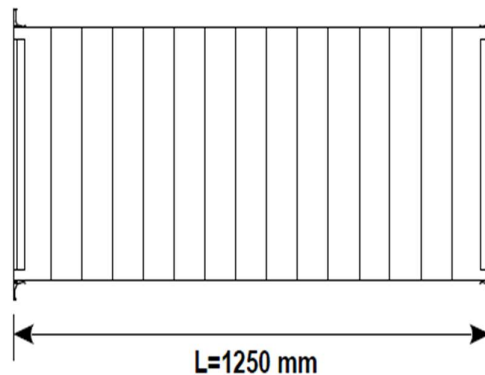


CUPRINS

Tubulatura rectangulara - Cod produs: TDR	4
Cot rectangular egal- Cod produs: CRS	5
Cot rectangular redus – Cod produs: CRR	6
Reductie rectangulara simetrica - Cod produs: RRS	7
Reductie rectangulara asimetrica- Cod produs: RRA	8
Teu rectangular egal- Cod produs: TRS	9
Teu rectangular redus- Cod produs: TRR	10
Teu rectangular la 45 grade- Cod produs: TR45	11
Ramificatie rectangulara laterala- Cod produs: RML	12
Ramificatie rectangulara bilaterala- Cod produs: RMB	13
Piesa tip pantalon- Cod produs: RMP	14
Piesa tip S- Cod produs: PRS	15
Piesa tip trecere sub grinda- Cod produs: RTSG	16
Racord pe suprafata dreapta(picaj grila, picaj volet)- Cod produs: RAD	17
Capac tubulatura rectangulara- Cod produs: CPR	18
Schimbare sectiune rectangular-circular- Cod produs: TRC	19



Tubulatura rectangulara



Descriere

Canal drept rectangular, cu lungime standard de 1250 mm. Canalul este prevazut cu ridigizari pentru a se asigura stabilitatea functionala si dimensionala.

In functie de perimetrul tubulaturii sau cerintele clientului, flansa poate sa fie de 20mm sau 30 mm.

Model comanda:

Cod produs: TDR a x b L -

a(mm) – latura mare _____

b(mm)- latura mica (sau egala) _____

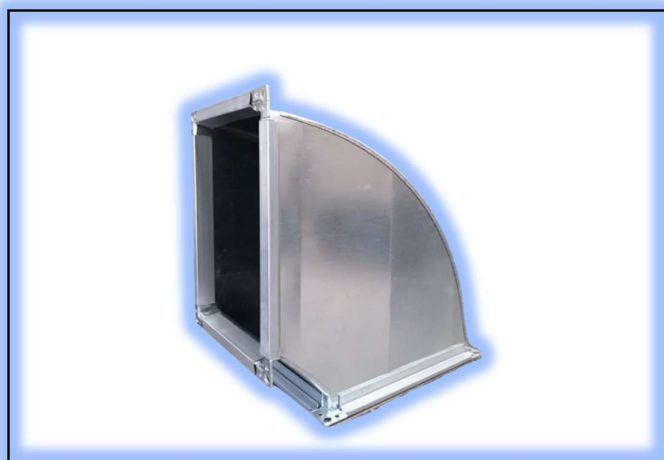
L(mm) = 1250mm (sau mai mica) _____

Neprecizat – profil cu flanse fixe(standard) _____

1FL/2FL – profil flansa libera la capat/e _____



Cot rectangular standard



Descriere

Cot rectangular, livrat cu profil flansa de imbinare. (20mm sau 30mm)

Specificatii optionale:

-dirijori de ghidare DRJ (cost suplimentar), utilizati pentru coturile cu unghi mai are de 45°

Model comanda:

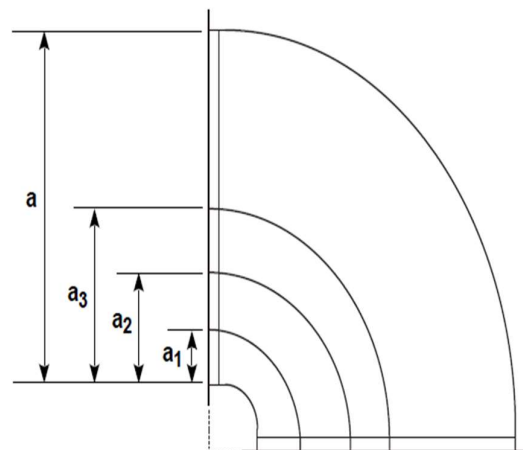
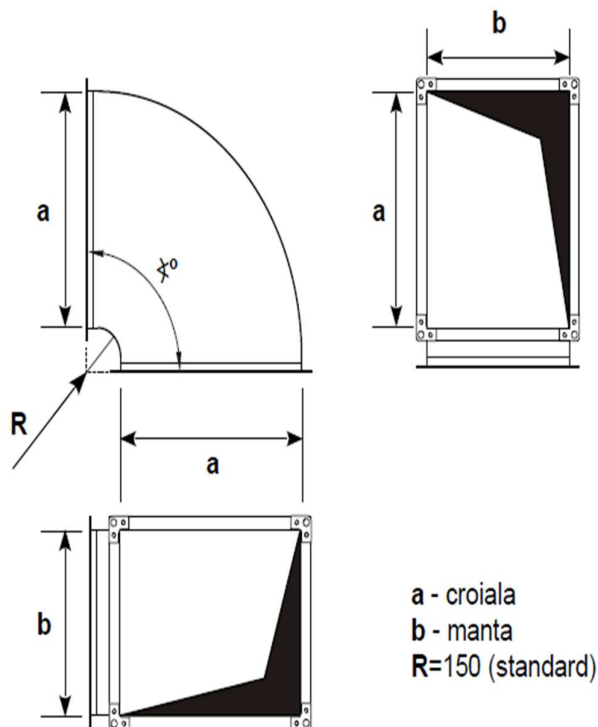
Cod produs: CRS a x b

a(mm) – croiala(a)

b(mm)- manta

unghi (grade)

R(mm) – (raza standard 150 mm)

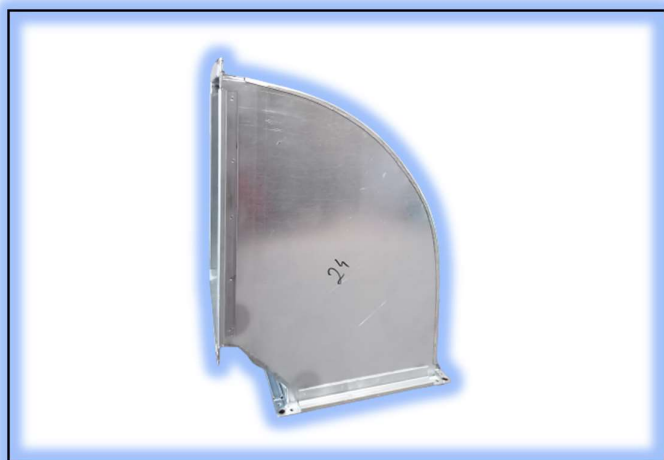


DRJ (Dirijori)

a(mm)	amplasare				(b)
	nr	a1	a2	a3	
400<a≤800	1	a/3			
800<a≤1600	2	a/4	a/2		
1600<a≤2000	3	a/9	a/3	a/2	



Cot rectangular redus

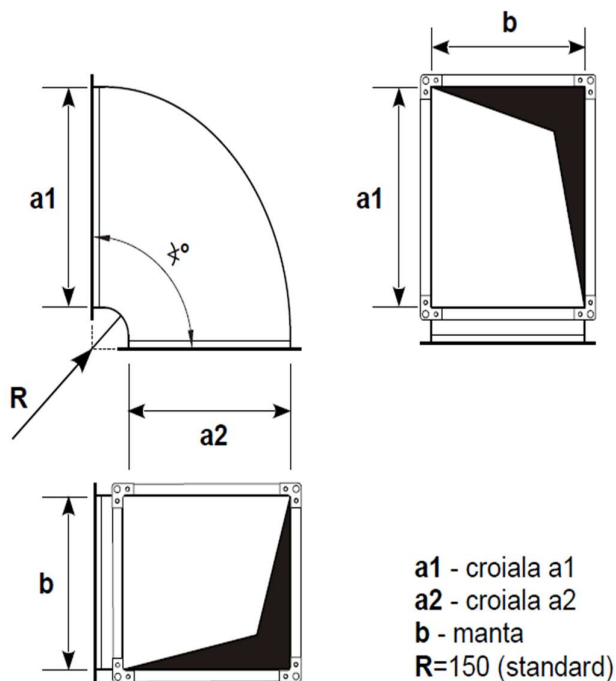


Descriere

Cot rectangular redus. Prevazut cu flanse de imbinare.

Specificatii optionale:

-dirijori de ghidare DRJ (cost suplimentar), utilizati pentru coturile cu unghi mai are de 45°



a1 - croiala a1
a2 - croiala a2
b - manta
R=150 (standard)

Model comanda:

Cod produs: CRR a1 x b / a2 _ _

a1(mm) – croiala	_____
b(mm)- manta (b)	_____
a2(mm)- croiala	_____
unghi (grade)	_____
R(mm) – (raza standard 150 mm)	_____

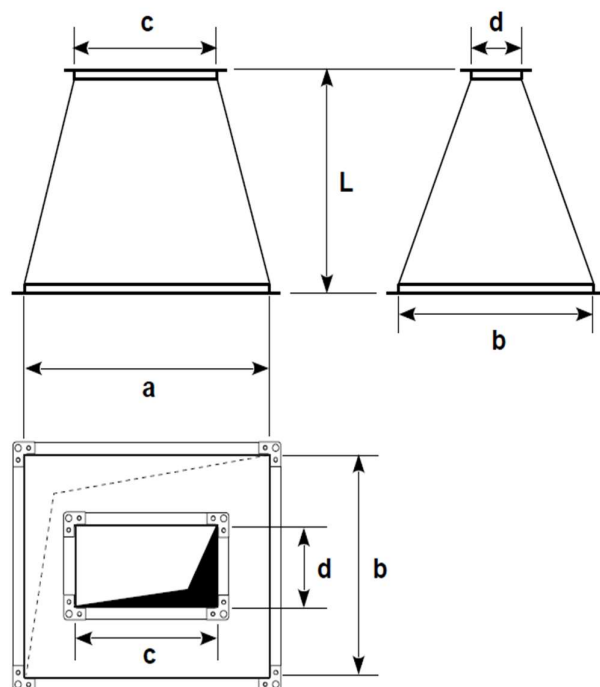


Reductie rectangulara simetrica

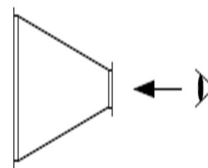


Descriere

Reductie rectangulara simetrica.
Prevazuta cu flanse de imbinare de
20mm sau 30mm in functie de perimetru.



**Vedere dinspre
partea redusa**



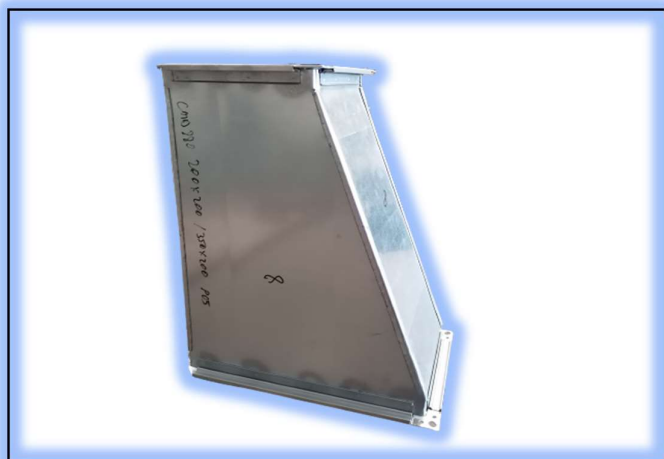
Model comanda:

Cod produs: **RRS** **a x b / c x d L**

a(mm) – latura a	_____	_____	_____	_____
b(mm)- latura b	_____	_____	_____	_____
c(mm)- latura c	_____	_____	_____	_____
d(mm)- latura d	_____	_____	_____	_____
L(mm)- lungime L	_____	_____	_____	_____



Reductie rectangulara asimetrica



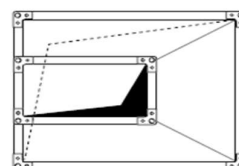
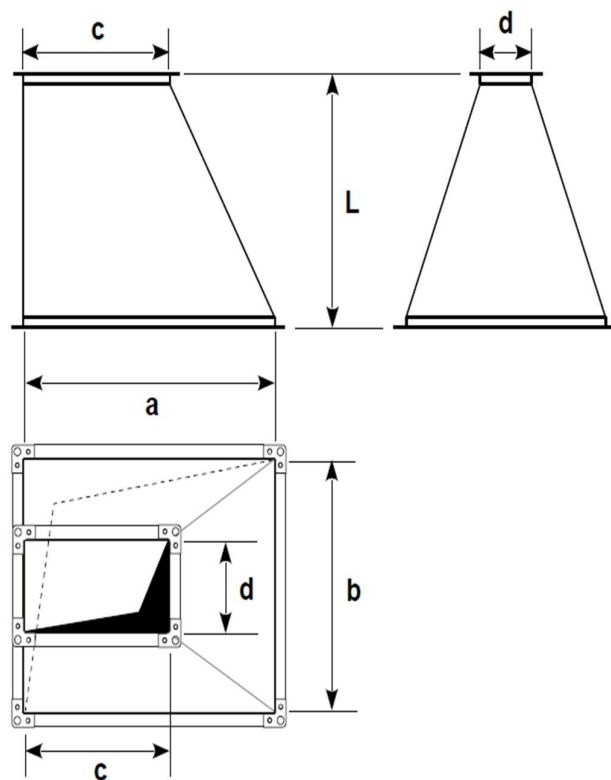
Descriere

Reductie rectangulara asimetrica.
Prevazuta cu flanse de imbinare de
20mm sau 30mm, in functie de
perimetrul acesteia.

Model comanda:

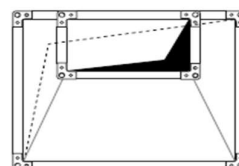
Cod produs: RRA a x b / c x d L

a(mm) – latura a
b(mm) – latura b
c(mm) – latura c
d(mm) – latura d
L(mm) – lungime L

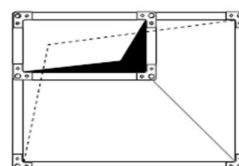
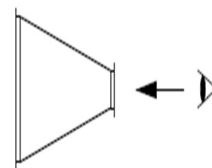


f1

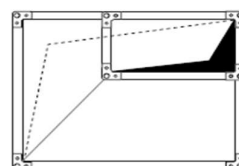
Vedere dinspre
partea redusa



f2



f3



f4

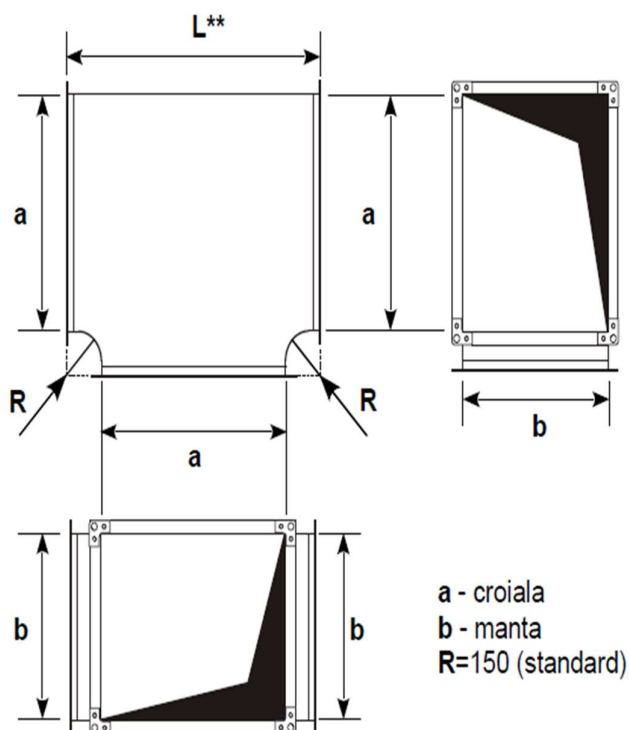


Teu rectangular egal



Descriere

Teu rectangular egal. Raza standard este 150 mm. Prevazut cu flansa de 20mm sau 30mm, in functie de perimetrul acestuia.



a - croiala
b - manta
R=150 (standard)

Model comanda:

Cod produs: TRS a x b R L

a(mm) – croiala _____
b(mm)- manta _____
R(mm)- stanadar=150mm _____
L(mm)- Lungime _____

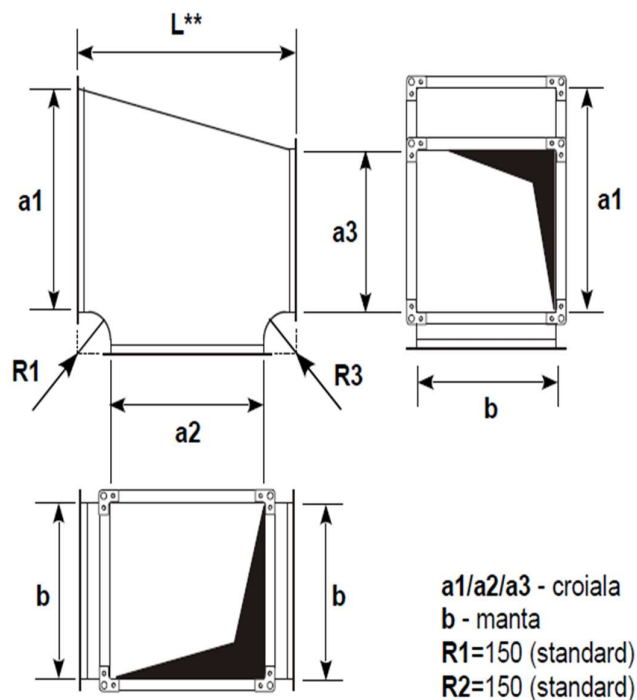


Teu rectangular redus



Descriere

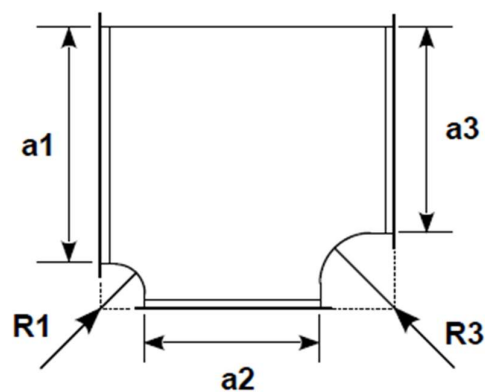
Teu rectangular redus. Livrare se face cu profil flansa de imbinare, flansa in functie de perimetrul tubulaturii.



Model comanda:

Cod produs: TRR a x b / a2 a3 R1 R3 L

a(mm) – croiala	
b(mm)- manta	
a2(mm)- croiala	
a3(mm)- croaila	
R1(mm)- raza	
R3(mm)- raza	
L(mm) - lungime	



L- standard = a2+R1+R3

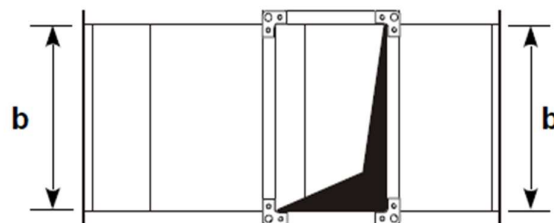
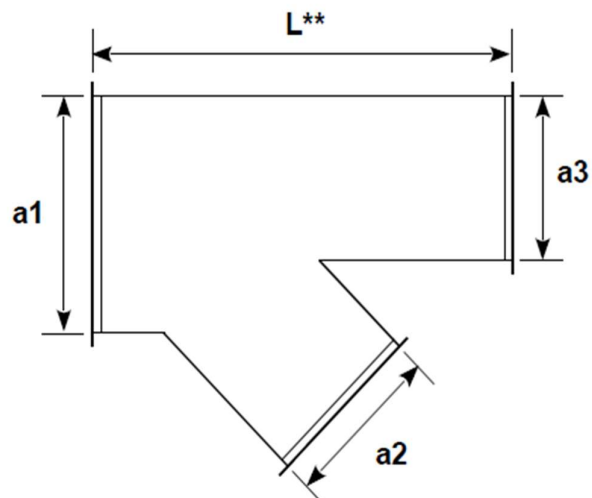


Teu rectangular la 45 grade



Descriere

Teu rectangular 45 grade. Prevazut cu flansa de imbinare. Flansa in functie de perimetru (20mm sau 30 mm)



Model comanda:

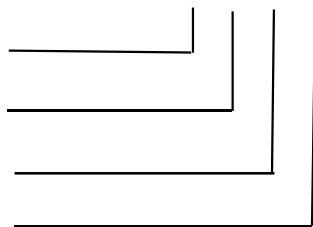
Cod produs: TR45 a1 x b / a2 a3

a1(mm) – croiala

b(mm)- manta

a2(mm)- croiala

a3(mm)- croiala



a1/a2/a3- croiala

b- manta

L- rezulta din constructie sau se specifica

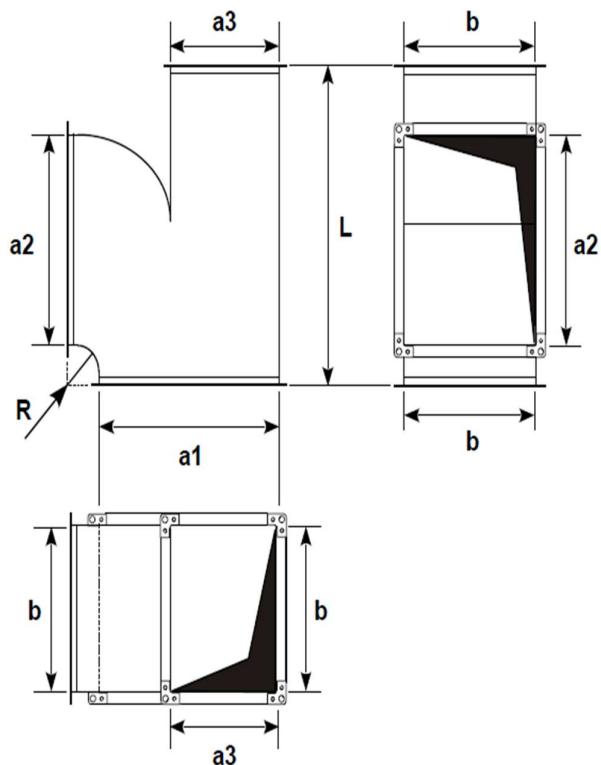


Ramificatie rectangulara



Descriere

Ramificatie laterala. Livrata cu profil flansa de imbinare, in functie perimetru (20mm sau 30)



Unde:

a1, a2, a3 – croiala

b- manta

R= 150 (Standard)

L min= a2+R+100mm

R min= 50

Model comanda:

Cod produs: RML a x b / a2 a3 R L

a1(mm) – croiala

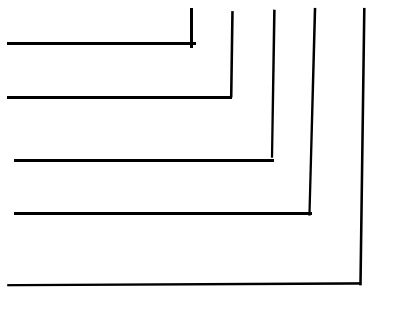
b(mm)- manta

a2(mm)- croiala

a3(mm)- croiala

R(mm)- raza

L(mm)-



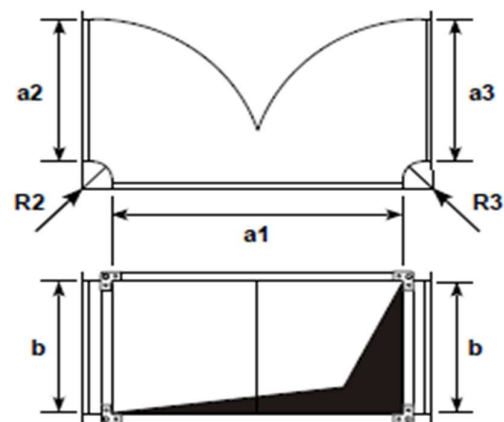


Ramificatie rectangulara bilaterala



Descriere

Ramificatie bilaterala (90 grade). Livrata cu profil flansa de 20 mm sau 30 mm in functie de perimetru.



Unde:

a1, a2, a3 - croiala

b - manta

R2, R3 – 150 mm (standard)

Model comanda:

Cod produs: RMB a x b / a2 a3 R1 R3

a1(mm) – croiala

b(mm)- manta

c(mm)- croiala

d(mm)- croiala

R2(mm)- 150 mm

R3(mm)- 150 mm

_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

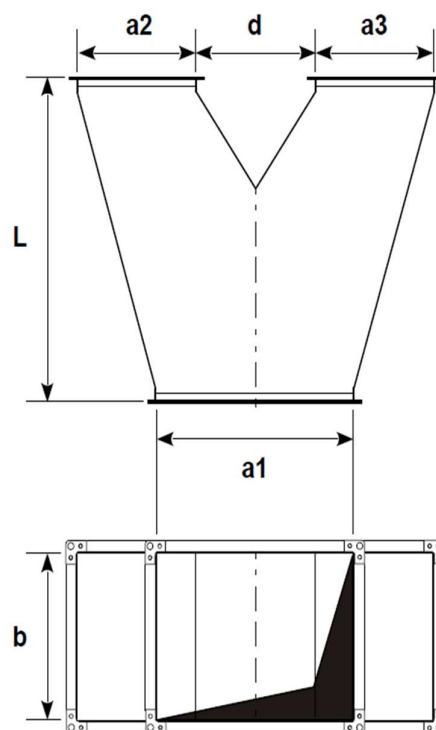


Ramificatie tip pantalon



Descriere

Ramificatie tip pantalon, livrata cu flansa de 20mm sau 30mm, in functie de perimetrul acesteia.



Unde:

a1, a2, a3 - croiala

b - manta

d min – 100 mm

Model comanda:

Cod produs: RMP a1 x b / a2 a3 d L

a1(mm) – croiala

b(mm)- manta

a2(mm)- latura c

a3(mm)- latura d

d(mm)

L(mm)

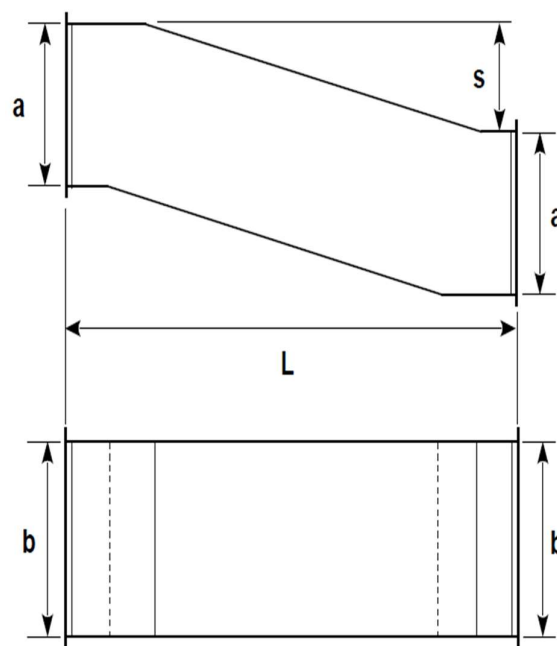


Piesa tip S



Descriere

Piesa tip S, livrata cu flansa de 20mm sau 30mm in functie de perimetrul acesteia.



Unde:

a -croiala

b- manta

s- fuga/deviatie/coborare

L- lungimea

Model comanda:

Cod produs: PRS a x b / s L

a(mm) – croiala

b(mm)- manta

s(mm)- fuga

L(mm)- lungime

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

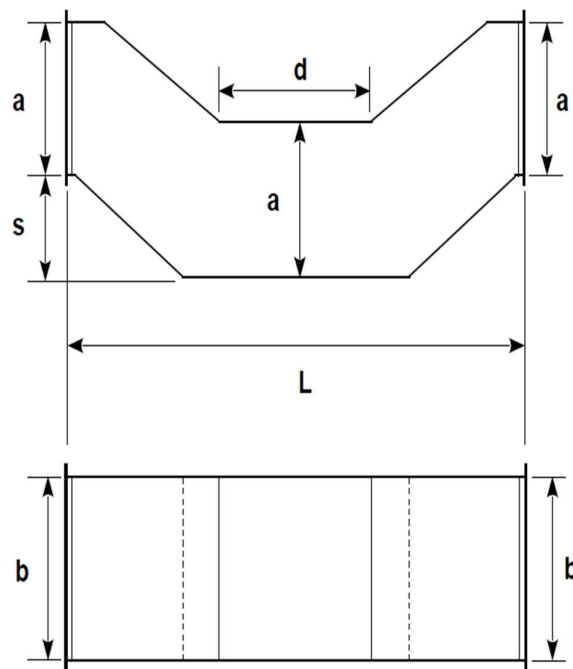


Piesa de trecere sub grinda



Descriere

Piesa speciala trecere grinda, livrata cu profil flansa de imbinare de 20mm sau 30mm in functie de perimetru.



Unde:

a -croiala

b- manta

d- lungime traversare grinda

L- lungimea

Model comanda:

Cod produs:

RTSG

a x b s d L

a(mm) – croiala

b(mm)- manta

s(mm)- latura c

d(mm)- latura d

L(mm) - lungime



Racord pe suprafata dreapta



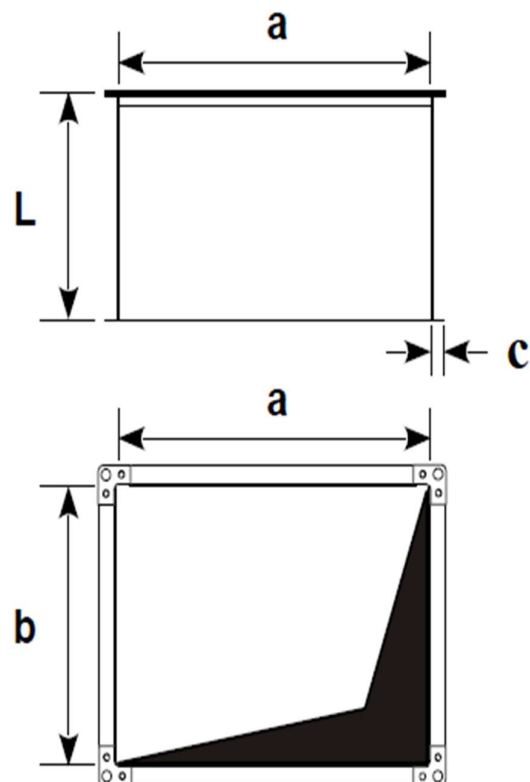
Descriere

Racord pe suprafata dreapta/ Picaj.

-Picaj prevazut la un capat cu profil flansa de imbinare si la celalat capat latura mica indoita.

-Picaj cu toate laturile (sus, jos) indoite.

L* minim 70mm



Model comanda:

Cod produs:

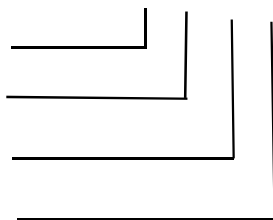
RAD a x b c L

a(mm) – latura a

b(mm) – latura b

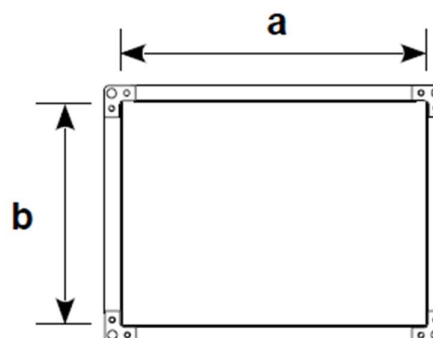
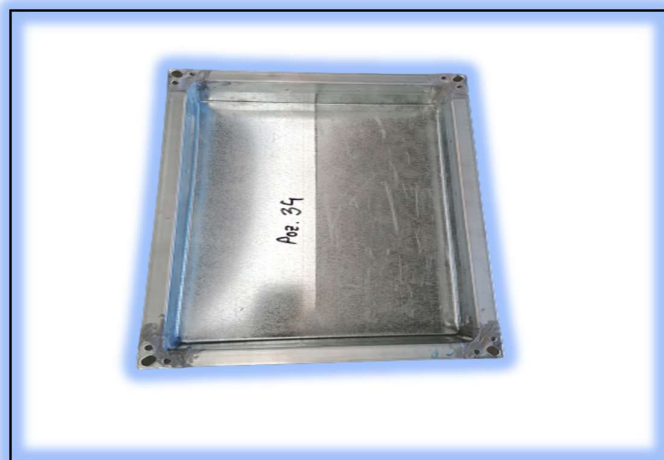
c(mm)- latime indoitura

L(mm) - lungime





Capac tubulatura rectangulara



Descriere

Capac pentru tubulatura rectangulara prevazut cu profil flansa de 20mm sau 30mm in functie de perimetrul acestuia.

Model comanda:

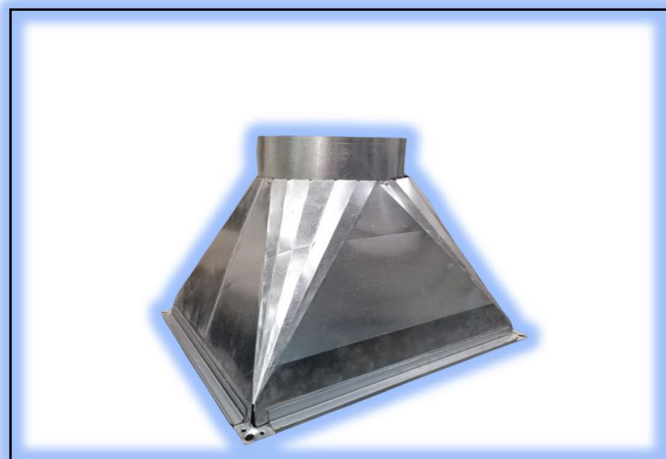
Cod produs: CPR a x b

a(mm)- latura a

b(mm)- latura b



Schimbare sectiune rectangular- circular



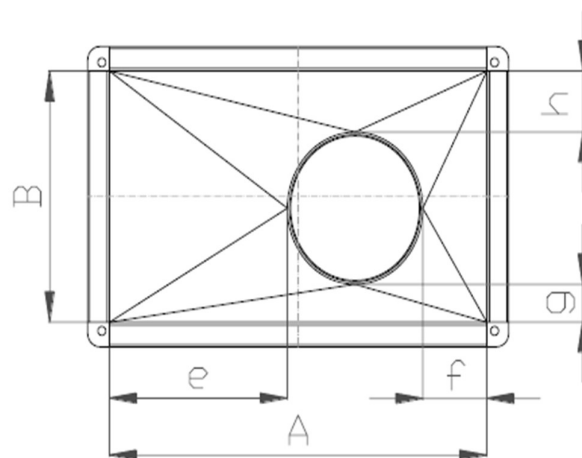
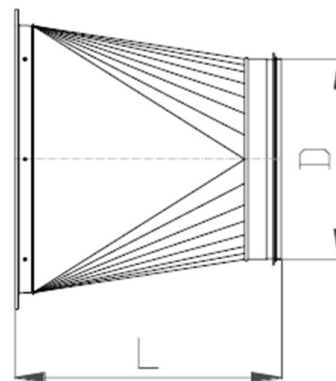
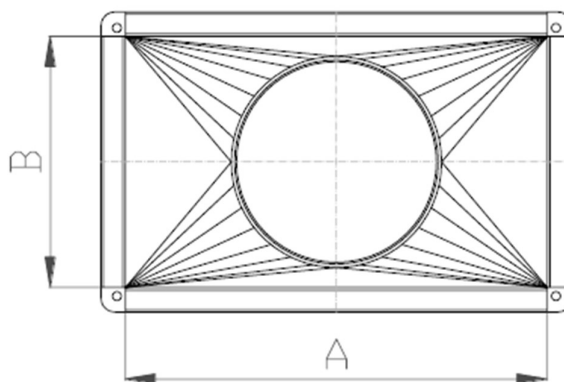
Descriere

Schimbare de sectiune de la rectangular la circular. Prevazuta cu profil flansa de imbinare la partea rectangulara.

Model comanda:

Cod produs: TRC a x b / D L

a(mm) – latura a	_____	_____	_____	_____
b(mm)- latura b	_____	_____	_____	_____
D(mm)- Diametru	_____	_____	_____	_____
L(mm)- lungime	_____	_____	_____	_____



**Vedere dispre
partea redusa**

