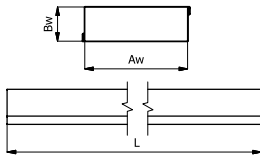
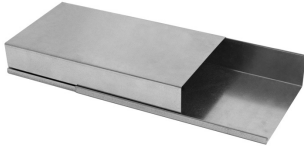


1. FOLDWAY STRAIGHT DUCT KPS



| Duct dimensions Aw x Bw [mm] | 150 x 50 | | | 200 x 50 | | | 200 x 90 | | |
|---------------------------------|---------------|------|------|----------|------|------|----------|------|------|
| | Length L [mm] | 2000 | 1000 | 500 | 2000 | 1000 | 500 | 2000 | 1000 |
| Weight [kg] | 3.60 | 1.80 | 0.90 | 1.00 | 2.00 | 1.00 | 4.70 | 2.35 | 1.18 |

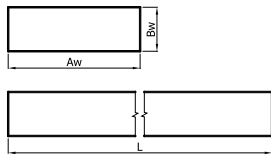
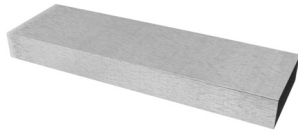
KPS Ax B / L - OC



| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

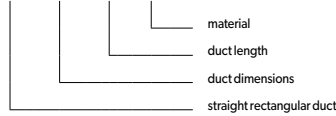
Caution!
After assembling, duct needs to be sealed with aluminum tape or silicone (of working temp. 250°C). No connectors needed when assembling in „pass-by“ method.

2. STRAIGHT RECTANGULAR DUCT KP



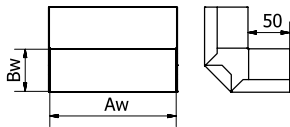
| Duct dimensions Aw x Bw [mm] | 150 x 50 | | 200 x 50 | | 200 x 90 | |
|---------------------------------|---------------|------|----------|------|----------|------|
| | Length L [mm] | 1000 | 500 | 1000 | 500 | 1000 |
| Weight [kg] | 1.64 | 0.82 | 2.00 | 1.00 | 2.18 | 1.09 |

KP Ax B / L - OC



| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

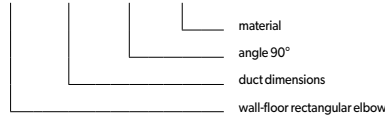
3. WALL-FLOOR RECTANGULAR ELBOW KSS-90°



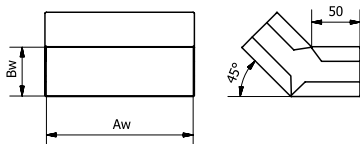
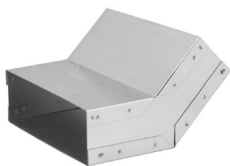
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|-------------|----------|----------|
| | Weight [kg] | 0.20 | 0.30 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KSS Ax B / 90 - OC



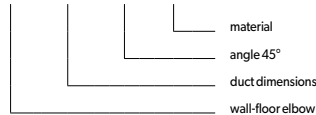
4. WALL-FLOOR ELBOW KSS-45°



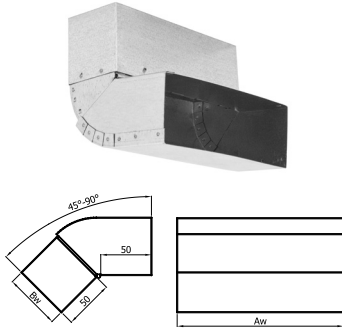
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|-------------|----------|----------|
| | Weight [kg] | 0.20 | 0.30 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KSS Ax B / 45 - OC



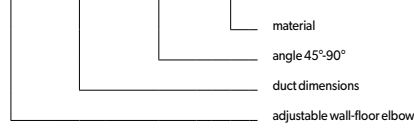
5. ADJUSTABLE WALL-FLOOR ELBOW KSSN 45-90°



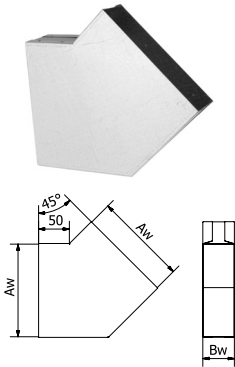
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.32 | 0.50 | 0.55 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KSSN AxB / 45-90 - OC



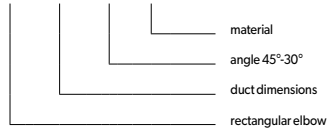
6. RECTANGULAR ELBOW KL/45(30)



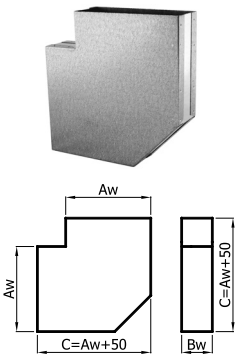
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.40 | 0.60 | 0.70 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KL AxB / x - OC



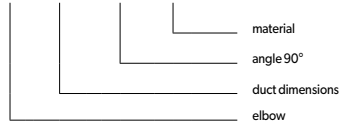
7. ELBOW KL/90



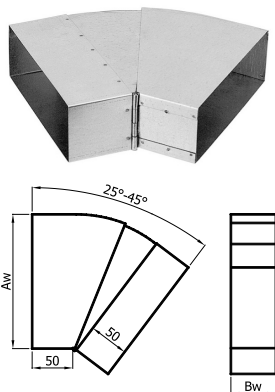
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.40 | 0.50 | 0.60 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KL AxB / 90 - OC



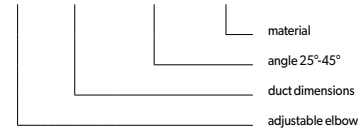
8. ADJUSTABLE ELBOW KLN 25-45



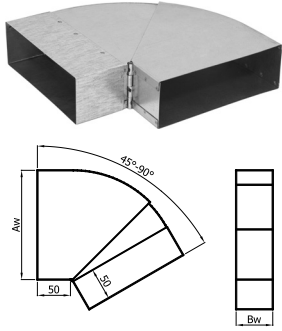
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.30 | 0.45 | 0.50 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KLN AxB / 25-45 - OC



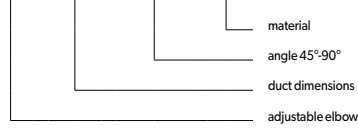
9. ADJUSTABLE ELBOW KLN 45-90



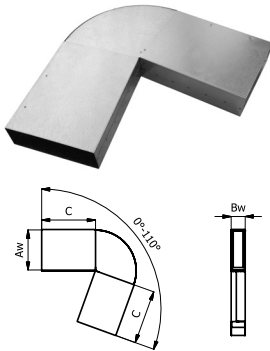
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.40 | 0.50 | 0.60 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KLN AxB / 45-90 - OC



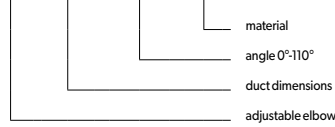
10. ADJUSTABLE ELBOW 0-110 KLN



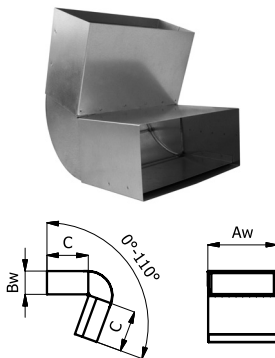
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| C [mm] | 200 | 250 | 250 |
| Weight [kg] | 1.40 | 1.70 | 1.95 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KLN AxB / 0-110 - OC



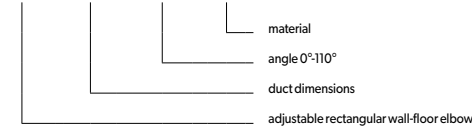
11. ADJUSTABLE RECTANGULAR WALL-FLOOR ELBOW 0-110 KSSN



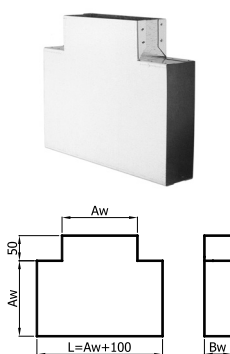
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| C [mm] | 120 | 120 | 140 |
| Weight [kg] | 0.50 | 0.80 | 0.90 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KSSN AxB / 0-110 - OC



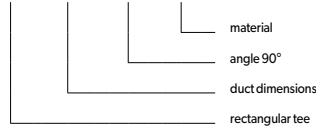
12. TEE TRP/90



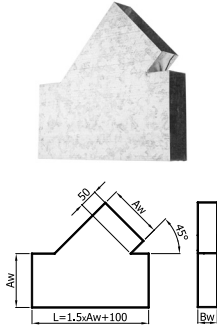
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.45 | 0.65 | 0.75 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

TRP AxB / 90 - OC



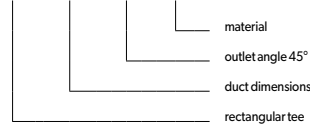
13. TEE TRP/45



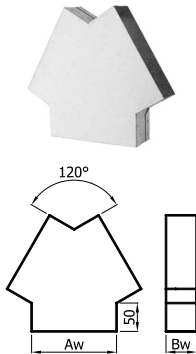
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.70 | 0.90 | 1.05 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

TRP AxB / 45 - OC



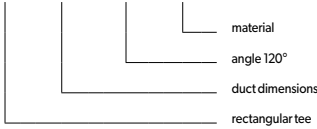
14. TEE YP/120



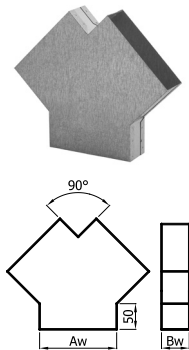
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.30 | 0.40 | 0.45 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

YP AxB / 120 - OC



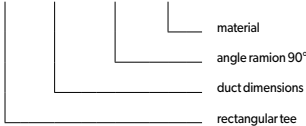
15. TEE YP/90



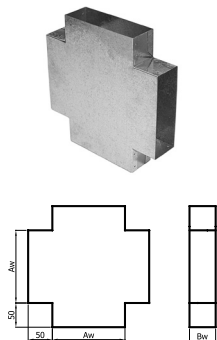
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.50 | 0.60 | 0.70 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

YP AxB / 90 - OC



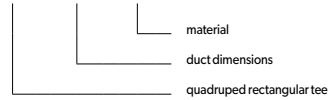
16. QUADRUPED TEE CZP



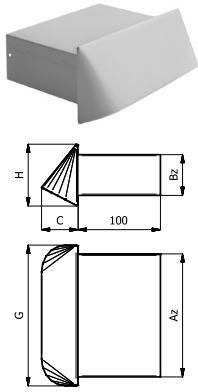
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.50 | 0.60 | 0.70 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

CZP AxB - OC

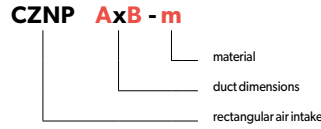


17. RECTANGULAR AIR INTAKE CZNP

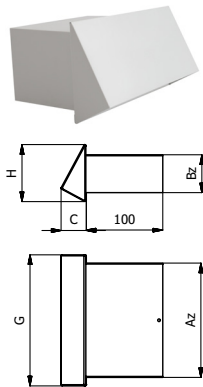


| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Az [mm] | 149.5 | 199.5 | 199.5 |
| Bz [mm] | 49.5 | 49.5 | 89.5 |
| C [mm] | 44 | 44.0 | 69 |
| G [mm] | 171 | 221 | 221 |
| H [mm] | 75 | 75 | 115 |

| | | |
|-------------|----|---|
| Destination | W | W - ventilation |
| | OC | OC - galvanised steel sheet |
| Material | CH | CH - chrome-nickel steel sheet |
| | ML | ML - galvanised steel powder coated (white) |

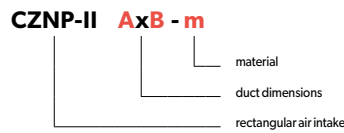


18. RECTANGULAR AIR INTAKE CZNP II

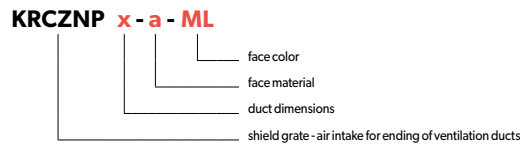


| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Az [mm] | 149.5 | 199.5 | 199.5 |
| Bz [mm] | 49.5 | 49.5 | 89.5 |
| C [mm] | 33 | 33 | 49 |
| G [mm] | 171 | 221 | 221 |
| H [mm] | 75 | 75 | 115 |

| | | |
|-------------|----|---|
| Destination | W | W - ventilation |
| | OC | OC - galvanised steel sheet |
| Material | CH | CH - chrome-nickel steel sheet |
| | ML | ML - galvanised steel powder coated (white) |

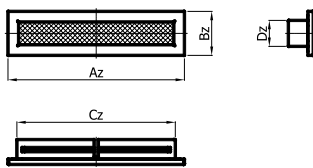


19. AIR INTAKE FOR ENDING OF VENTILATION DUCTS

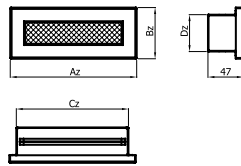


| | | |
|----------------|------|--|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Face material | ML | ML - chrome-nickel steel sheet powder coated |
| | - CH | CH - chrome-nickel steel sheet 1.4301 |
| Frame material | CH | CH - chrome-nickel steel sheet 1.4301 |

Face material for ML:
B - white, CZ - black, KR - beige, GR - graphite / 7024



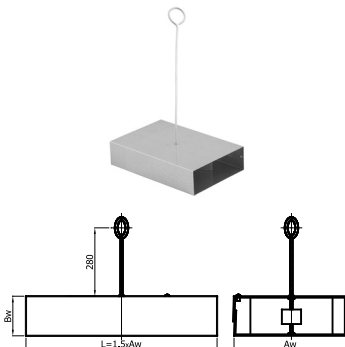
KRCZNP 300x50



KRCZNP 150x50, 200x50 and 200x90

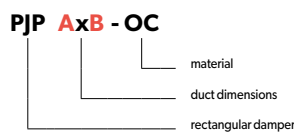
| Type | Face outer dimensions Az x Bz | Cz | Dz | Cross-section [cm ²] | Weight [kg] |
|---------------|----------------------------------|-----|----|----------------------------------|-------------|
| KRCZNP 150X50 | 184 x 84 | 149 | 49 | 60 | 0.30 |
| KRCZNP 200X50 | 234 x 84 | 199 | 49 | 80 | 0.35 |
| KRCZNP 200X90 | 234 x 124 | 199 | 89 | 160 | 0.45 |
| KRCZNP 300X50 | 334 x 84 | 299 | 49 | 125 | 0.54 |

20. RECTANGULAR DAMPER PJP

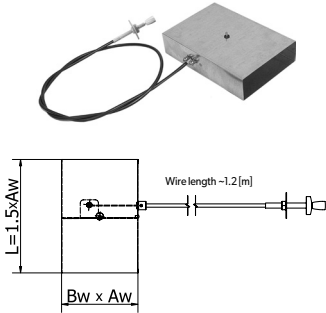


| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.40 | 0.70 | 0.80 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |



21. DAMPER WITH WIRE CORD PJP/C



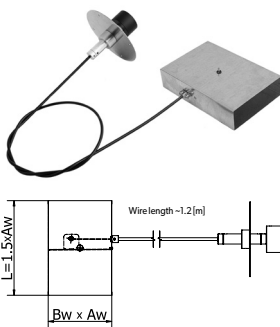
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.50 | 0.75 | 0.85 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

PJP AxB / C - OC

- material
- type
- duct dimensions
- damper

22. DAMPER WITH WIRE CORD PJP/C/OS



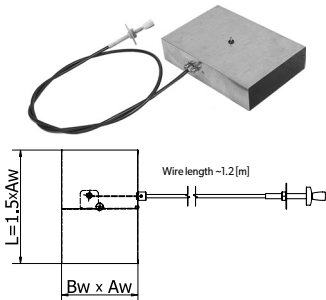
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.50 | 0.75 | 0.85 |

| | | | |
|-------------|----|----|-----------------------------|
| Destination | W | - | W - ventilation |
| | O | O | O - air heating |
| Material | OC | OC | OC - galvanised steel sheet |
| Knob colour | ML | ML | B - white |
| | ML | ML | CZ - black |

PJP AxB / C / OS / P-ML... - OC

- material
- knob type
- type
- duct dimensions
- damper

23. DAMPER WITH CORD AND SEAL PJP/S/C



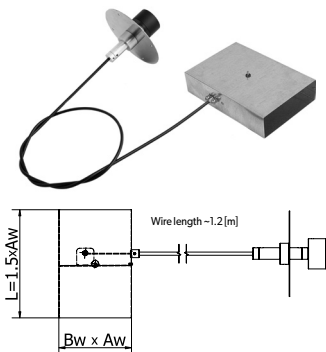
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.50 | 0.75 | 0.85 |

| | | |
|------------------|----|---|
| Destination | W | W - ventilation |
| | O | O - air heating |
| PJP/S/...SILICON | W | Maximal temperature of flowing air: 150°C |
| Material | OC | OC - galvanised steel sheet |

PJP/S AxB / C - OC - SILICON

- seal material
- material
- type
- duct dimensions
- damper

24. DAMPER WITH CORD AND SEAL PJP/S/C/OS



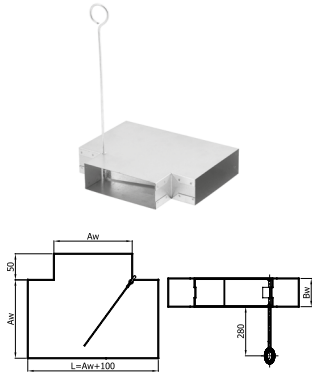
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.50 | 0.75 | 0.85 |

| | | | |
|------------------|----|----|---|
| Destination | W | - | W - ventilation |
| | O | O | O - air heating |
| PJP/S/...SILICON | W | W | Maximal temperature of flowing air: 150°C |
| Material | OC | OC | OC - galvanised steel sheet |
| Knob colour | ML | ML | B - white |
| | ML | ML | CZ - black |

PJP/S AxB / C / OS / P-ML... - OC - SILICON

- seal material
- material
- knob type
- type
- duct dimensions
- damper

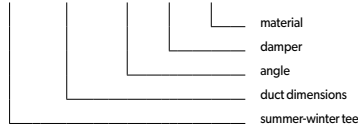
25. SUMMER-WINTER TEE TRP/90/Z



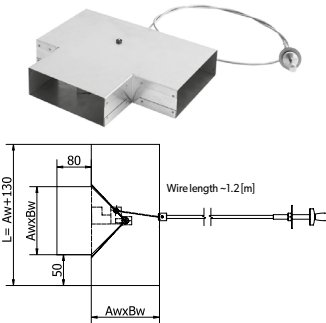
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.50 | 0.75 | 0.85 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

TRP AxB / 90 / Z - OC



26. SUMMER-WINTER TEE WITH CORD TRP/C



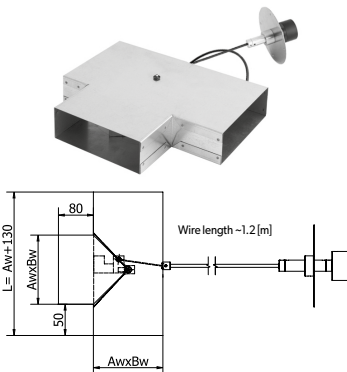
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.80 | 1.00 | 1.15 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

TRP/C AxB / 90 / Z - OC



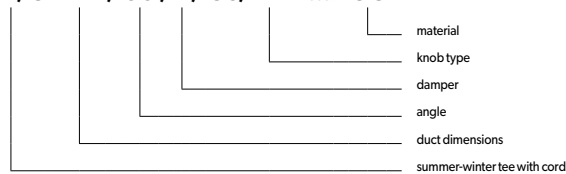
27. SUMMER-WINTER TEE WITH CORD TRP/C/OS



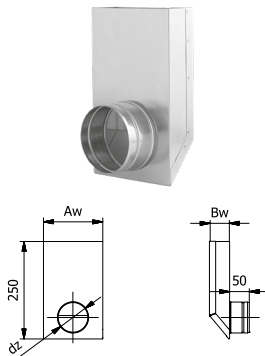
| | | | |
|---------------------------------|----------|----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| Weight [kg] | 0.80 | 1.00 | 1.15 |

| | | | |
|-------------|----|----|-----------------------------|
| Destination | W | - | W - ventilation |
| | - | O | O - air heating |
| Material | OC | OC | OC - galvanised steel sheet |
| | ML | ML | B - white |
| Knob colour | ML | ML | CZ - black |

TRP/C AxB / 90 / Z / OS / P-ML... - OC



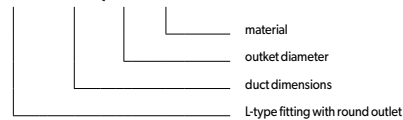
28. L-TYPE FITTING WITH ROUND OUTLET KLO



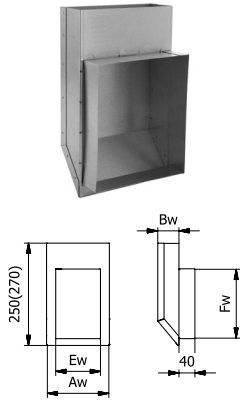
| | | | |
|---------------------------------|----------|-----------|----------|
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
| dz | | ø78 - 158 | |
| Weight [kg] | 0.50 | 0.70 | 0.80 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

KLO AxB / d - OC

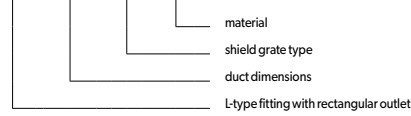


29. L-TYPE FITTING WITH RECTANGULAR OUTLET KLP



| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.50 | 0.70 | 0.80 |

KLP AxB / Kx - OC

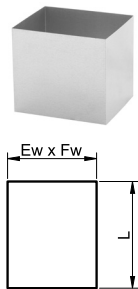


| | Ew | Fw |
|----|-----|-----|
| K1 | 105 | 165 |
| K2 | 140 | 165 |
| K3 | 140 | 215 |

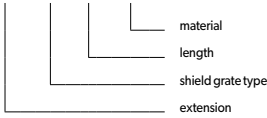
Outlet adjusted to Kz1, Kz2, Kz3 shield grate frames

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

30. RECTANGULAR EXTENSION PP



PP Kx / L - OC



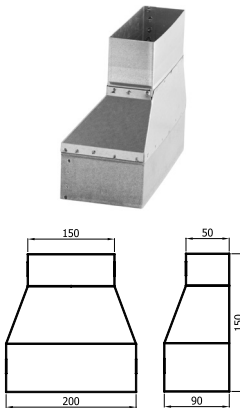
| | Ew | Fw |
|----|-----|-----|
| K1 | 105 | 165 |
| K2 | 140 | 165 |
| K3 | 140 | 215 |

Dimensions of the extension fittings are adjusted to the K1, K2 or K3 shield grate frames.

Available lengths L = 150, 200, 250 [mm].

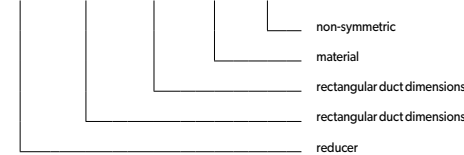
| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

31. NON-SYMMETRIC RECTANGULAR REDUCER RDSS-NS



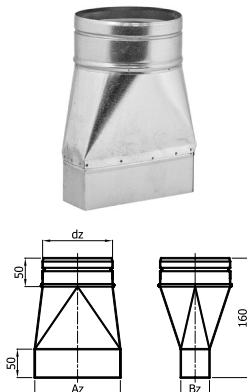
| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|---------------------------------|----------|----------|----------|
| Weight [kg] | 0.35 | 0.35 | 0.35 |

RDSS AxB - CxD - OC - NS



| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

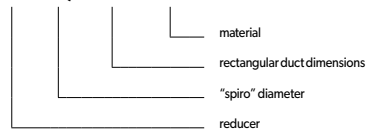
32. SYMMETRIC REDUCER RDSS



| "Spiro" diameter | ø100/150x50 | ø125/150x50 | ø150/150x50 | ø160/150x50 |
|------------------|---------------|----------------|----------------|----------------|
| dz / Az / Bz | 98 149.5 49.5 | 123 149.5 49.5 | 148 149.5 49.5 | 158 149.5 49.5 |
| Weight [kg] | 0.28 | 0.28 | 0.28 | 0.28 |

| "Spiro" diameter | ø100/200x90 | ø125/200x90 | ø150/200x90 | ø160/200x90 |
|------------------|---------------|----------------|----------------|----------------|
| dz / Az / Bz | 98 199.5 89.5 | 123 199.5 89.5 | 148 199.5 89.5 | 158 199.5 89.5 |
| Weight [kg] | 0.35 | 0.35 | 0.35 | 0.35 |

RDSS x / AxB - OC



| "Spiro" diameter | ø100/200x50 | ø125/200x50 | ø150/200x50 | ø160/200x50 |
|------------------|---------------|----------------|----------------|----------------|
| dz / Az / Bz | 98 199.5 49.5 | 123 199.5 49.5 | 148 199.5 49.5 | 158 199.5 49.5 |
| Weight [kg] | 0.30 | 0.30 | 0.30 | 0.30 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

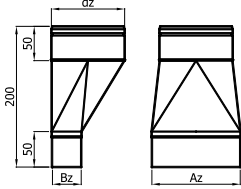
33. NON-SYMMETRIC REDUCER RDSS-NS



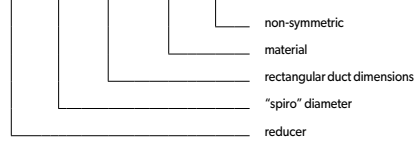
| "Spiro" diameter | ø100/150x50 | | | ø110/150x50 | | | ø125/150x50 | | |
|------------------|-------------|-------|------|-------------|-------|------|-------------|-------|------|
| dz/Az/Bz | 98 | 149.5 | 49.5 | 108 | 149.5 | 49.5 | 123 | 149.5 | 49.5 |
| Weight [kg] | 0.28 | | | 0.28 | | | 0.28 | | |

| "Spiro" diameter | ø150/200x90 | | | ø160/200x90 | | | ø180/200x90 | | | ø200/200x90 | | |
|------------------|-------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-----|------|
| dz/Az/Bz | 148 | 199.5 | 89.5 | 158 | 199.5 | 89.5 | 178 | 199.5 | 89.5 | 198 | 198 | 89.5 |
| Weight [kg] | 0.35 | | | 0.35 | | | 0.40 | | | 0.40 | | |

| "Spiro" diameter | ø150/200x50 | | | ø160/200x50 | | | ø180/200x50 | | | ø200/200x50 | | |
|------------------|-------------|-------|------|-------------|-------|------|-------------|-------|------|-------------|-------|------|
| dz/Az/Bz | 148 | 199.5 | 49.5 | 158 | 199.5 | 49.5 | 178 | 199.5 | 49.5 | 198 | 199.5 | 49.5 |
| Weight [kg] | 0.30 | | | 0.30 | | | 0.30 | | | 0.30 | | |



RDSS x/AxB - OC NS



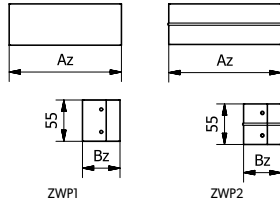
| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |

34. RECTANGULAR CONNECTOR ZWP1 AND ZWP2

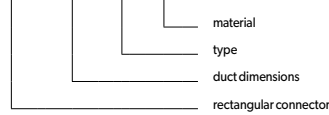


| Duct dimensions Aw x Bw [mm] | 150 x 50 | 200 x 50 | 200 x 90 |
|------------------------------|----------|----------|----------|
| Weight [kg] | 0.08 | 0.10 | 0.12 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |



ZWP AxB/C - OC

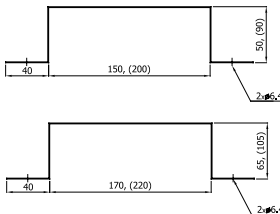


35. MOUNTING BRACKET UM; UM/IZOL (FOR INSULATED DUCTS)



| Duct dimensions Aw x Bw [mm] | UM | 150 x 50 | 220 x 50 | 220 x 90 |
|------------------------------|---------|----------|----------|-----------|
| | UM/IZOL | 170 x 65 | 200 x 65 | 200 x 105 |
| Weight [kg] | UM | 0.08 | 0.12 | 0.15 |
| | UM/IZOL | 0.15 | 0.13 | 0.16 |

| | | |
|-------------|----|-----------------------------|
| Destination | W | W - ventilation |
| | O | O - air heating |
| Material | OC | OC - galvanised steel sheet |



UM UM/IZOL AxB - OC

