



HVAC COMPONENTS

PRODUCT RANGE

GEBHARDT-STAHL has made steel *green* ... in more ways than one: namely we incorporate butyl, the *green* sealant, into our duct profiles. This gives air ducts an extremely good seal, makes them energy efficient, and ultimately environmentally friendly: i.e. *green*. All this saves time and money during the installation process. Therefore, at GEBHARDT-STAHL, we bring 'Made in Germany' right up to date and make it relevant to today's industry.

Environmental considerations, new material combinations and surprising ideas are factors which we apply again and again: for special profiles for elevators, for machines, for shelves ... in fact, for whatever you want! What's more, in the field of air ducts, we are a single-source supplier.

GEBHARDT-STAHL is strong when it comes to expertise and young at heart... making waves in the steel industry since 1973. Our first successes came early on: In 1990, the first warehouse was built; in 1993, the hall space was doubled to 5,000 m²; in 2002, the new office building was built and in 2004, another 2,500 m²

production area was added. Since 2010, GEBHARDT-STAHL has been manufacturing at its headquarters in Werl with significantly increased capacity the company now has a total of 9,500 m² hall space. As far back as 2001, we set up our affiliated company GEBHARDT-STAHL Polska in Stare Miasto (Poland) in order to support the company. In addition to this, we have manufacturing and warehousing capacity in Dommershausen. With a total of ten section rolling mills, GEBHARDT-STAHL processes 80,000 tonnes of steel annually, and this figure is growing. Reliable business associates in the field of logistics and manufacturing provide additional assistance.

Our key asset however, is not our state-of-the-art rolling mills, the laser technology or the design tools/CAD systems... it's the expertise of our 150 employees. Consequently, in this point as well, GEBHARDT-STAHL is somewhat different to other companies. And as such, in over 40 countries worldwide, we are able to react very quickly, provide immediate service and satisfy (almost) all requirements.

**HIGH
QUALITY**



**MADE IN
GERMANY**



INNOVATION





Steel reinforcement sections for:

- PVC-U Windows
- PVC-U Doors
- Slide-Lifting Doors

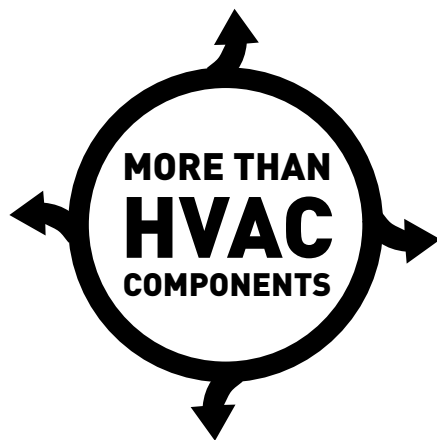
Thermally broken reinforcement sections

REINFORCEMENT SECTIONS



- Suitable for multiple purposes
- Avoid cold-bridges
- Save energy and resources
- For PVC-U Windows, housings for machines etc.

BESPOKE SECTIONS



THERMALLY BROKEN SECTIONS



Custom Rolled Sections, e.g. for:

- Shopfitting
- Gates and doors
- Plant engineering
- Plumbing

VINEYARD STAKES



- Suitable for automatic harvesting
- Vertical poles Fructus C and Fructus Z5
- End pole Fructus Z
- Accessories

Range of services

- Sections made of steel 0,1 mm – 3 mm
- Sections in lengths up to 10 m
- Wide range of materials
 - Pickled steel
 - Galvanized steel
 - Stainless steel, e.g. AISI 304 or 316
 - Aluminium: AlMg3
 - Different non-ferrous metals
- Processing: perforations, trimming etc.
- Welded profiles
- Thermally broken sections
- Channel, box and angle sections



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KNOW-HOW










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Why choose seal class C + D profiles?

- The target flow rates at the air outlet are achieved and the desired room air condition is assured
- The target flow rates at the air outlet are achieved and the used air/harmful substances are channelled away optimally
- Easy regulation of the system is possible, whereby the pressure level between the rooms is optimized
- Prevention of particle and bacterial contamination
- The filtered air remains clean
- Reduction of odours
- Improvement of the optical impression by avoiding dust through air leakage
- The innovative, patented profiling guarantees high stability and assures simple/secure processing
- Longitudinal edge sealing is not necessary and as such, this saves resources

Benefits at a glance:

-  **Class C + D seal**
TÜV certified
-  **Saves costs**
The section does not require any additional sealing and sealants
-  **Saves time**
Through the high adhesive strength of the butyl, you can dispense every 2nd welding point
-  **Save energy**
As more tightness as more energy savings
-  **Easy application**
Quick and easy handling
-  **Damping of structure-borne noise**
Less noise is made
-  **Conserves resources**
Efficient use of energy conserves natural resources




This saves your customers cash and protects the environment [example calculation]

Operating pressure: 400 Pa, duct area 500m²
Fully air-conditioned: energy costs € 4,000/annum

By selecting a class C duct as opposed to a class B duct:

Additional costs are amortized in about 2 years *

*Assuming estimated additional costs of 2 €/m² duct

-  **Certified in accordance with DIN EN 1507:2006**
Class C+D seal criteria (in accordance with DW 144) is also met Smacna in preparation
-  **Butyl certified in accordance with VDI 6022**
Conforms to the strict health regulations
-  **Utility model protection**

"PREMIUM" FLANGE

- High torsion rigidity through clinching
- Flange and corner build an extrem rigid unit
- Manufactured with double bead
- Flanges with integrated Butyl-sealant suitable for air-tightness classes C and D (TÜV-Nord certified)
- Butyl-sealant according to VDI 6022

Protection rights announced



"Premium"-Flange with BUTYL-sealant

Art.-Nr.	Description	Material	Length	PU
301050402	Premium 20 D-Butyl	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301050502	Premium 30 D-Butyl	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301030611	Premium 40 D-Butyl	Galvanized	5.500 mm	550 m



"Premium"-Flange

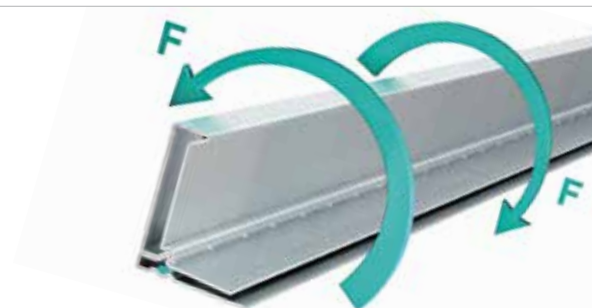
Art.-Nr.	Description	Material	Length	PU
301050403	Premium 20	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301050503	Premium 30	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301030657	Premium 40	Galvanized	5.500 mm	550 m



"P" FLANGE

- Flanges with integrated Butyl-sealant suitable for air-tightness class C (TÜV-Nord certified)
- Butyl-sealant according to VDI 6022

Protection rights announced



P-Flange with BUTYL-sealant

Art.-Nr.	Description	Material	Length	PU
301050311	P20 C-Butyl	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301050415	P30 C-Butyl	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301030656	P40 C-Butyl	Galvanized	5.500 mm	550 m



P-Flange

Art.-Nr.	Description	Material	Length	PU
301010010	P20	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301050416	P30	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301030610	P40	Galvanized	5.500 mm	550 m



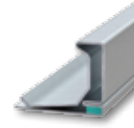
"S" FLANGE

- Flanges with integrated Gel-/Butyl-sealant suitable for air-tightness class C
- Sealants according to VDI 6022
- Open-rolled type available, e.g. for building flexible connectors



S-Flange with GEL-/BUTYL-sealant

Art.-Nr.	Description	Material	Length	PU
301050400	S20-Gel	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301020510	S30-Gel	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301030654	S40-Butyl	Galvanized	5.500 mm	550 m



S-Flange

Art.-Nr.	Description	Material	Length	PU
301010500	S20	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301020500	S30	Galvanized	5.000 mm	500 m



Art.-Nr.	Description	Material	Length	PU
301030652	S40	Galvanized	5.500 mm	550 m



S-Flange open-rolled

Art.-Nr.	Description	Material	Length	PU
301010504	S20-open	Galvanized	5.000 mm	500 m



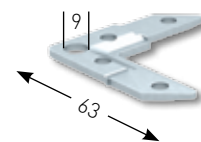
Art.-Nr.	Description	Material	Length	PU
301020504	S30-open	Galvanized	5.000 mm	500 m



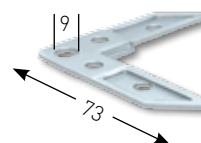
Corner 20

- Suitable for flange systems "Premium", "P" & "S"
- Clearance 32 mm

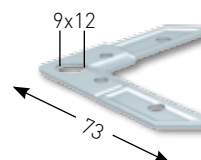
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302010020	P20/3K	Galvanized	Round hole	Short leg	500 pcs	27.000 pcs



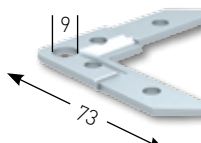
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302010015	P20/3V	Galvanized	Round hole	Standard leg	500 pcs	27.000 pcs



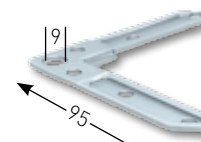
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302010016	SL20/3	Galvanized	Slotted hole	Standard leg	500 pcs	27.000 pcs



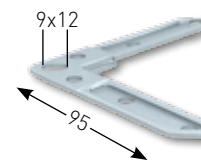
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302010010	P20/3	Galvanized	Round hole	Standard leg	500 pcs	27.000 pcs



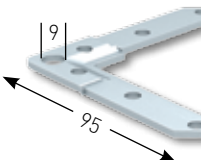
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302220015	P20/3LV	Galvanized	Round hole	Long leg	500 pcs	24.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302220016	SL20/3L	Galvanized	Slotted hole	Long leg	500 pcs	24.000 pcs



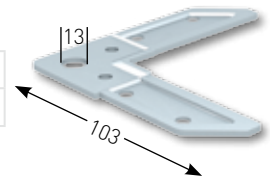
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302220010	P20/3L	Galvanized	Round hole	Long leg	500 pcs	24.000 pcs



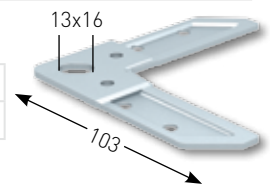
Corner 30

- Suitable for flange systems "Premium", "P" & "S"
- Clearance 32 mm

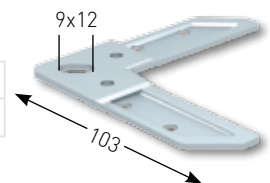
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302550500	S30/3	Galvanized	Round hole	Standard leg	250 pcs	12.000 pcs



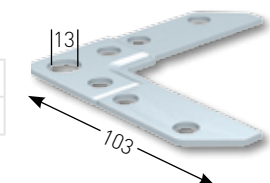
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302070010	SL30/3	Galvanized	Slotted hole	Standard leg	250 pcs	12.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302070020	SKL30/3	Galvanized	Slotted hole	Small screw hole	250 pcs	12.000 pcs



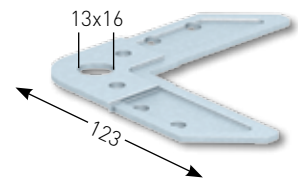
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302050500	S30/4	Galvanized	Round hole	Standard leg	250 pcs	12.000 pcs



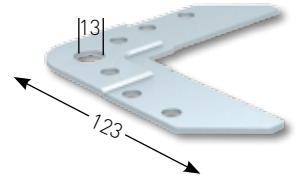
Corner 40

- Suitable for flange systems "Premium", "P" & "S"
- Clearance 32 mm

Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302080011	P40/V	Galvanized	Slotted hole	Standard leg	150 pcs	5.400 pcs



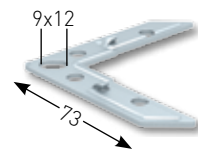
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302080010	P40/4	Galvanized	Round hole	Standard leg	150 pcs	5.400 pcs



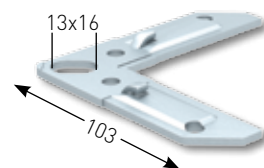
Corner 20 & 30 with notch

- Suitable for flange systems "Premium", "P" & "S"
- Clearance 32 mm

Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302010019	P20/3VH	Galvanized	Slotted hole	With notch	500 pcs	27.000 pcs



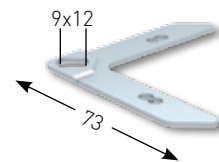
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302550519	S30/3H	Galvanized	Slotted hole	With notch	250 pcs	12.000 pcs



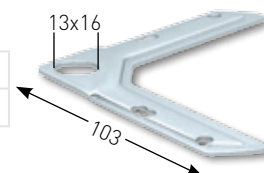
Corner 20 & 30 with short clearance

- Suitable for flange systems "Premium", "P" & "S"
- Clearance ≤ 5 mm

Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302020010	D20/3	Galvanized	Slotted hole	Short clearance	500 pcs	27.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302090010	SD30/V	Galvanized	Slotted hole	Short clearance	250 pcs	12.000 pcs



"L" FLANGE & CORNER

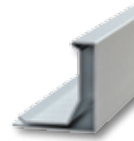
L-Flange

· Solide flange for simple ducts

Art.-Nr.	Description	Material	Length	PU
301500010	L20	Galvanized	5.000 mm	500 m



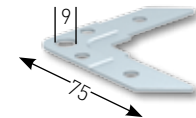
Art.-Nr.	Description	Material	Length	PU
301520010	L30	Galvanized	5.000 mm	500 m



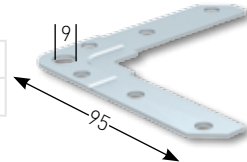
L-Corner 20 & 30

· Clearance 30 mm

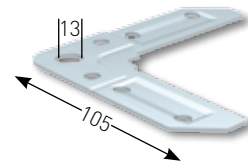
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302500010	L20/3K	Galvanized	Round hole	Short leg	500 pcs	27.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302510010	L20/3L	Galvanized	Round hole	Long leg	500 pcs	24.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302540010	L30/V	Galvanized	Round hole	Standard leg	250 pcs	11.250 pcs



Stainless steel-Flange

- Flange 20 und 30 made of AISI 304 also available with integrated BUTYL-sealant
- Flanges with integrated BUTYL-sealant suitable for air-tightness class C
- BUTYL-sealant according to VDI 6022

Protection rights announced



Art.-Nr.	Description	Material	Quality	Length	PU
301010340	P20 AISI 304	Stainless	AISI 304	5.000 mm	120 m
301010341	P20 AISI 304 Butyl	Stainless	AISI 304	5.000 mm	120 m
301040441	P20 AISI 316	Stainless	AISI 316	5.000 mm	120 m



Art.-Nr.	Description	Material	Quality	Length	PU
301020440	P30 AISI 304	Stainless	AISI 304	5.000 mm	120 m
301040440	P30 AISI 304 Butyl	Stainless	AISI 304	5.000 mm	120 m
301040442	P30 AISI 316	Stainless	AISI 316	5.000 mm	120 m



Art.-Nr.	Description	Material	Quality	Length	PU
301030651	S40 AISI 304	Stainless	AISI 304	5.500 mm	220 m

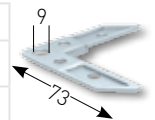


Corner 20, 30 & 40 stainless steel

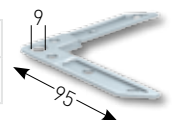
- Clearance 32 mm



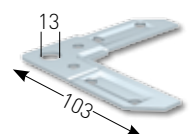
Art.-Nr.	Description	Material	Quality	Screw hole	Features	PU	Pallet
302010341	P20/3VE - AISI 304	Stainless	AISI 304	Round hole	Stand.	100 pcs	6.400 pcs
302010040	P20/3VE - AISI 316	Stainless	AISI 316	Round hole	Stand.	100 pcs	6.400 pcs



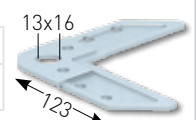
Art.-Nr.	Description	Material	Quality	Screw hole	Features	PU	Pallet
302220040	P20/3LVE - AISI 304	Stainless	AISI 304	Round hole	Long leg	100 pcs	6.400 pcs



Art.-Nr.	Description	Material	Quality	Screw hole	Features	PU	Pallet
302550015	P30/VE - AISI 304	Stainless	AISI 304	Round hole	Stand.	50 pcs	6.400 pcs
302050040	P30/VE - AISI 316	Stainless	AISI 316	Round hole	Stand.	50 pcs	6.400 pcs



Art.-Nr.	Description	Material	Quality	Screw hole	Features	PU	Pallet
302080501	P40/VE - AISI 304	Stainless	AISI 304	Slotted hole	Stand.	100 pcs	5.400 pcs



Aluminium-Flange

Protection rights announced

AlMg3

Art.-Nr.	Description	Material	Quality	Length	PU
301010375	P20-Alu	Aluminium	AlMg3	5.000 mm	120 m



Art.-Nr.	Description	Material	Quality	Length	PU
301020475	P30-Alu	Aluminium	AlMg3	5.000 mm	120 m

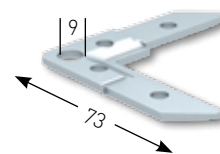


Corner 20 & 30 aluminium

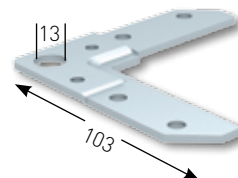
· Clearance 32 mm

AlMg3

Art.-Nr.	Description	Material	Quality	Screw hole	PU	Pallet
302010070	P20/3-Alu	Aluminium	AlMg3	Round hole	100 pcs	6.400 pcs



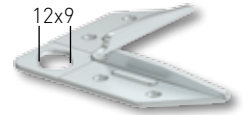
Art.-Nr.	Description	Material	Quality	Screw hole	PU	Pallet
302050070	P30/4-Alu	Aluminium	AlMg3	Round hole	50 pcs	6.400 pcs



CORNER FOR TDC-FLANGE

- One- and two-part corner available
- Suitable for various TDC-flanges

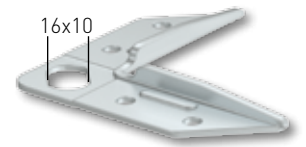
Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302810010	AHI 20	Galvanized	Slotted hole	One-part	500 pcs	24.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302800010	E20-PAR	Galvanized	Slotted hole	Two-part	500 pcs	24.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302820010	HI 30	Galvanized	Slotted hole	One-part	250 pcs	9.000 pcs



Art.-Nr.	Description	Material	Screw hole	Features	PU	Pallet
302802010	E30-PAR	Galvanized	Slotted hole	Two-part	250 pcs	9.000 pcs



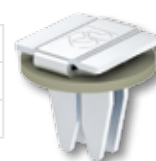
Turning vane fastener

- With mounted sealing washer
- Washer with middle-bridge
- Quick and easy mounting
- Suitable for various gauges
- Also suitable for mounting lamellas in weather louvres
- Drill hole diameter 10 mm

Art.-Nr.	Description	Material	Gauge	PU	Pallet
306035010	Fastener PLUS - small	Galvanized	0,75 mm-0,90 mm	1.000 pcs	50.000 pcs



Art.-Nr.	Description	Material	Gauge	PU	Pallet
306050010	Fastener PLUS - big	Galvanized	0,75 mm-1,20 mm	1.000 pcs	50.000 pcs
306010013	Fastener PLUS - big AISI 316	Stainless	0,75 mm-1,20 mm	200 pcs	-



Sealing pad

- Reduces leakage
- Foil laminated
- Suitable for installations in visible areas
- According to VDI 6022



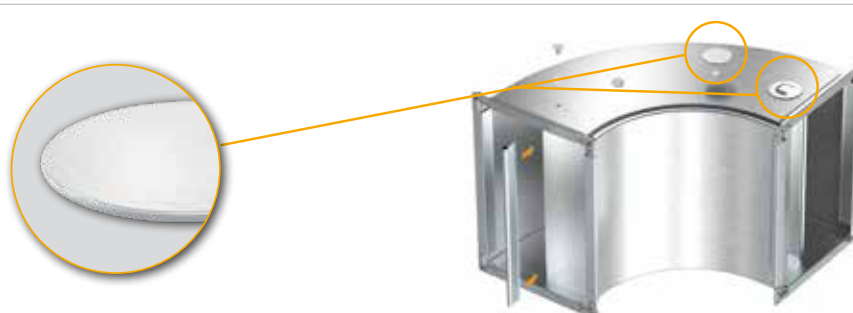
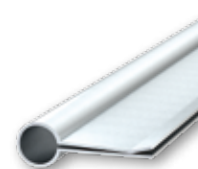
Art.-Nr.	Description	Material	PU
311089000	Sealing pad	Butyl	5.000 pcs



Reinforcement profile for turning vanes

- Stabilizes turning vanes
- Avoids vibrations
- Assembly with or without threaded rods possible

Art.-Nr.	Description	Material	Length	PU
306200010	Reinforcement profile LBV	Galvanized	5.000 mm	500 m



Conduit / Reinforcing rod

- Welded tube · Quick and easy mounting

Art.-Nr.	Description	Dimensions*	Material	Length	PU**
313200016	Tube 15 x 1,5	15 x 1,5 mm	Galvanized	6.000 mm	600 m
313200012	Tube 16 x 2,0	16 x 2,0 mm	Galvanized	6.000 mm	600 m
313200014	Tube 16 x 1,0	16 x 1,0 mm	Galvanized	6.000 mm	1.014 m
313200010	Tube 3/8"	17,2 x 2,35 mm	Galvanized	6.000 mm	1.014 m
313200040	Tube 14 x 2,0 - AISI 304	14 x 2,0 mm	Stainless	6.000 mm	60 m
313200140	Tube 15 x 1,5 - AISI 304	15 x 1,5 mm	Stainless	6.000 mm	60 m

*Other dimensions upon request · **Alternative packings upon request



Grip for reinforcing rod

- For cross-connections of reinforcing rods in ductwork with bigger diameters
- Suitable for Gebhardt-Tubes 16 x 2, 16 x 1 & 3/8"

Art.-Nr.	Description	Material	PU
313200000	Grip for reinforcing rod	Polyethylene	100 pcs



Cross-connector for reinforcing rod

- For cross-connections of reinforcing rods in ductwork with bigger diameters
- Galvanized: suitable for Gebhardt-Tubes 15 x 1,5, 16 x 2, 16 x 1 & 3/8"
- Stainless steel: suitable for Gebhardt-Tube 14 x 2

Art.-Nr.	Description	Material	PU
313200011	Cross-connector	Galvanized	100 pcs
313200340	Cross-connector - AISI 304	Stainless	50 pcs



Fischer-dowel

- Metric thread M6
- Suitable for Gebhardt-Tubes 15 x 1,5, 16 x 2 & 3/8"

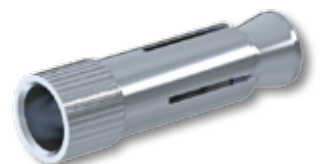
Art.-Nr.	Description	Material	Thread	PU	Box
313210010	Fischer-dowel	PVC/Brass	M 6	50 pcs	1.250 pcs



EMBY-FIX

- Galvanized: suitable for Gebhardt-Tubes 15 x 1,5, 16 x 2 & 3/8"
- Stainless steel: suitable for Gebhardt-Tube 14 x 2

Art.-Nr.	Description	Material	Thread	PU
313210012	EMBY-FIX	Galvanized	M 8	50 pcs
313210040	EMBY-FIX - VA	Stainless	M 6	50 pcs



Hexagon screw

- DIN 933-8.8
- Continuous thread

Art.-Nr.	Description	Material	PU
313210020	M 6 x 50 mm	Galvanized	200 pcs
313210022	M 8 x 50 mm	Galvanized	200 pcs
313210340	M 6 x 35 mm - VA	Stainless	200 pcs



Plate for air duct stiffening

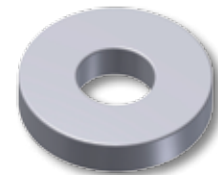
Art.-Nr.	Description	Material	PU	Pallet
313070030	Plate 6,5 mm	Galvanized	250 pcs	10.000 pcs
313070010	Plate 8,5 mm	Galvanized	250 pcs	10.000 pcs
313070020	Plate 10,5 mm	Galvanized	250 pcs	10.000 pcs
313070040	Plate 6,5 mm - AISI 304	Stainless	100 pcs	-



Sealing for air duct stiffening

- Reduces leakage
- Quick and easy assembly

Art.-Nr.	Description	Material	PU
313220010	Sealing M 6	HDPE	1.000 pcs
313220020	Sealing M 8	HDPE	1.000 pcs



Sealing pad for air duct stiffening

- Reduces leakage
- Foil-laminated, suitable for installations in visible areas
- According to VDI 6022



Art.-Nr.	Description	Material	PU
311089010	Sealing pad - big	Butyl	1.000 pcs



- For construction of flexible connectors in HVAC-systems
- Suitable for air-tightness class C (TÜV-Nord certified*)
- Avoids transfer of vibrations in ventilation systems
- Mounting instruction available

Flexible connector - Polyester/ PVC

- Polyester-fabric with PVC-coating secured to sheet metal on both sides
- Colour of fabric: grey
- Flammable: DIN 4102 - B2
- Suitable for air-tightness class C
- Temperature resistance: -30°C to +70 °C



Art.-Nr.	Description	Effective length**	Sheet metal	PU	Pallet
309022010	EV 35/40/35	110 mm	Galvanized	25 m	1.400 m
309023010	EV 35/60/35	130 mm	Galvanized	25 m	1.400 m
309024010	EV 35/110/35	180 mm	Galvanized	25 m	1.000 m
309010010	EV 45/60/45*	150 mm	Galvanized	25 m	1.400 m
309100010	EV 45/100/45	190 mm	Galvanized	25 m	1.200 m
309110010	EV 45/120/45	210 mm	Galvanized	25 m	800 m
309020010	EV 65/95/65*	225 mm	Galvanized	25 m	700 m
309010040	EV 45/60/45 - AISI 304	150 mm	Stainless	25 m	1.400 m
309100040	EV 45/100/45 - AISI 304	190 mm	Stainless	25 m	1.200 m



*TÜV-Nord certified **Other dimensions upon request

Flexible connector - Polyester/ PVC - B1

- Polyester-fabric with PVC-coating secured to sheet metal on both sides
- Colour of fabric: grey
- Low-flammable: DIN 4102 - B1
- Temperature resistance: -30°C to +70 °C



Art.-Nr.	Description	Effective length**	Sheet metal	PU	Pallet
309110020	EV 45/120/45 - B1*	210 mm	Galvanized	50 m	1.600 m



*TÜV-Nord certified **Other dimensions upon request



Flexible connector - Fibreglass/PU

- Fibreglass-fabric with PU-coating secured to sheet metal on both sides
- Colour of fabric: silver-grey
- Temperature resistance: -50°C to +200 °C
- Fire resistance: M0 and 400 °C/ 2 H



Art.-Nr.	Description	Effective length**	Sheet metal	PU	Pallet
309120015	EV 35/40/35 - PU	110 mm	Galvanized	25 m	1.400 m
309120020	EV 35/60/35 - PU	130 mm	Galvanized	25 m	1.400 m
309120010	EV 45/60/45 - PU*	150 mm	Galvanized	25 m	1.400 m
309120030	EV 70/100/70 - PU	240 mm	Galvanized	25 m	700 m



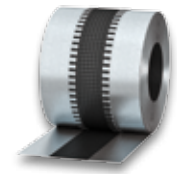
*TÜV-Nord certified **Other dimensions upon request

Flexible connector - Fibreglass/Neoprene

- Fibreglass-fabric with Neoprene-coating secured to sheet metal on both sides
- Colour of fabric: black
- Temperature resistance: -20°C to +100 °C
- Fire resistance: M1



Art.-Nr.	Description	Effective length**	Sheet metal	PU	Pallet
309030010	EV 45/60/45 - Glas/Neop*	150 mm	Galvanized	25 m	1.400 m
309040010	EV 65/95/65 - Glas/Neop*	225 mm	Galvanized	25 m	700 m



*TÜV-Nord certified **Other dimensions upon request

Flexible connector - Fibreglass/Alu

- Fibreglass-fabric with Aluminium-coating secured to sheet metal on both sides
- Temperature resistance: +180 °C

Art.-Nr.	Description	Effective length**	Sheet metal	PU	Pallet
309050010	EV 45/60/45 - Glas/Alu	150 mm	Galvanized	25 m	1.400 m
309060010	EV 65/95/65 - Glas/Alu	225 mm	Galvanized	25 m	700 m



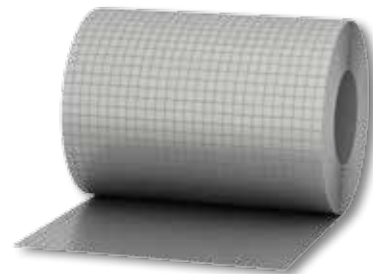
**Other dimensions upon request



Flexible strip

- For construction of flexible connectors in HVAC-systems
- Fabric not secured to sheet metal strips

Art.-Nr.	Description	Width	PU
309100000	Polyester/PVC	Various widths	50 m
309330000	Polyester/PVC - B1	Various widths	50 m
309320000	Fibreglass/PU	Various widths	50 m
309240000	Fibreglass/Neoprene	Various widths	50 m
309340000	Fibreglass/Aluminium	Various widths	50 m



PVC-Adhesive

- Suitable for PVC-coated fabric
- Colour: transparent
- Temperature resistance: -30°C to 100 °C

Art.-Nr.	Description	Can	PU
309410000	PVC-Adhesive	850 g	6 pcs



Zinc-Alu spray

- Prevents metallic surfaces from rust and corrosion
- Quick drying formular
- High covering power

Art.-Nr.	Description	Can	PU	Pallet
309420010	Zinc-Alu spray	400 ml	12 pcs	840 pcs



Stainless steel spray

- For touching up or simulating stainless steel surfaces
- Highquality nitrocombi decorative paint
- Quick drying formular
- Resists high levels of abrasion

Art.-Nr.	Description	Can	PU	Pallet
309420040	Stainless steel spray	400 ml	12 pcs	840 pcs



- Designed for usage in ventilation systems
- Suitable for sealing ductwork and airhandling units (AHUs)

Gebhardt-PLAST

- Raw material basis: polyacrylic dispersion
- Colour: grey
- Free from solvents and silicone
- Odour-neutral
- Resistant to ageing and weathering
- Excellent adhesive properties
- Temperature resistance: -20 °C to +80 °C
- According to VDI 6022



Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311030010	Gebhardt-PLAST 310 ml	Cartridge	310 ml	20 pcs	1.200 pcs

Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311030011	Gebhardt-PLAST 600 ml	Tube	600 ml	20 pcs	800 pcs

Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311030015	Gebhardt-PLAST 5 kg	Bucket	5 kg	1 pc	72 pcs

*Other packages upon request



Gebhardt-MASTIC

- Raw material basis: Butyl rubber
- Colour: grey
- Silicone-free
- Odour-neutral
- Resistant to ageing and weathering
- Suitable for interior and exterior use and kitchen extract air
- Excellent adhesive properties
- Temperature resistance: -20 °C to +70 °C
- According to VDI 6022



Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311030014	Gebhardt-MASTIC 310 ml	Cartridge	310 ml	20 pcs	1.200 pcs

Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311030013	Gebhardt-MASTIC 560 ml	Tube	560 ml	20 pcs	800 pcs

*Other packages upon request



Gebhardt-MAXX

- Raw material basis: Hybrid-Polymer MS
- Colour: grey
- Free from solvents and silicone
- Odour-neutral
- Resistant to ageing and weathering
- Suitable for interior and exterior use and kitchen extract air
- Excellent adhesive properties
- Temperature resistance: -40 °C to +80 °C, up to +100 °C short-term and once up to +120 °C
- According to VDI 6022
- Usable according to DGNB



Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311050000	Gebhardt-MAXX 290 ml	Cartridge	290 ml	20 pcs	1.200 pcs

Art.-Nr.	Description	Package*	Quantity	PU	Pallet
311050010	Gebhardt-MAXX 560 ml	Tube	560 ml	20 pcs	800 pcs

*Other packages upon request

Gebhardt-GEL

- Raw material basis: Mineral oil & lithium soap
- Colour: yellow
- Free from solvents and silicone
- Odour-neutral
- Temperature resistance: -30 °C to +120 °C, up to +140 °C short-term
- According to VDI 6022
- Usable according to DGNB



Art.-Nr.	Description	Package*	Quantity	PU
311060000	Gebhardt-GEL	Hobbock (PE)	25 kg	1 pc

*Other packages upon request



PROTECTIVE DUCT COVER

- Colour: blue-transparent*
- Specially harmonized with technical requirements in the field of ductwork
- Tear-proof, single sided self-adhesive polyethylene film
- Protective duct cover against soiling during storage, transport and assembly
- Excellent adhesion on galvanized steel, stainless steel and aluminium
- Can be removed quickly without leaving any residue
- Resistant to weathering / UV-resistant
- For sealing ductwork according to VDI 6022



Art.-Nr.	Description	Width**	PU	Pallet
312010025	Film 250	250 mm	16 pcs	256 pcs
312010050	Film 500	500 mm	8 pcs	128 pcs
312010075	Film 750	750 mm	8 pcs	64 pcs
312010100	Film 1000	1.000 mm	4 pcs	64 pcs

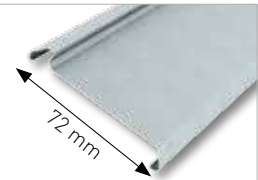
*Other colours upon request **Other dimensions upon request



- Variable connector system
- High level of stability
- Low installation costs
- Lamella carrier fixes lamellas
- Distance between lamellas 82 mm
- Frame 50 mm

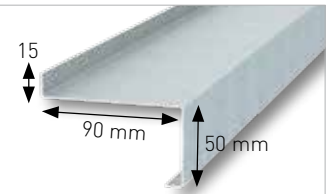
Lamella for weather louvre (50 mm)

Art.-Nr.	Description	Material	Length	PU
304030015	Lamella (50 mm)	Galvanized	5.000 mm	100 m



Frame profile for weather louvre (50 mm)

Art.-Nr.	Description	Material	Length	PU
304040015	Frame profile (50 mm)	Galvanized	5.000 mm	100 m



Lamella carrier for weather louvre (50 mm)/not edged

Art.-Nr.	Description	Material	Length	PU
304040025	Lamella carrier (50 mm)	Galvanized	2.500 mm	20 pcs

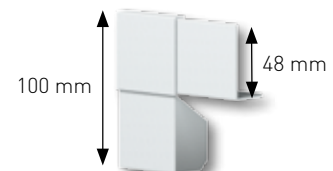


Corner piece for weather louvre (50 mm)

- With internal mounting leg
- No welding spots or rivets on visible frame

Protection rights announced

Art.-Nr.	Description	Material	PU
304050025	Corner piece (50 mm)	Galvanized	200 pcs

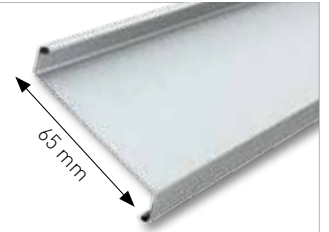


- Variable connector system
- Lamella holder can be used as central bar
- Distance between lamellas 68 mm
- Frame 40 mm

Lamella for weather louvre 40 mm

Art.-Nr.	Description	Material	Length	PU
304030010	Lamella	Galvanized	5.000 mm	125 m
304030040	Lamella - AISI 304*	Stainless	5.000 mm	100 m*
304030070	Lamella - ALU*	Aluminium	5.000 mm	100 m*

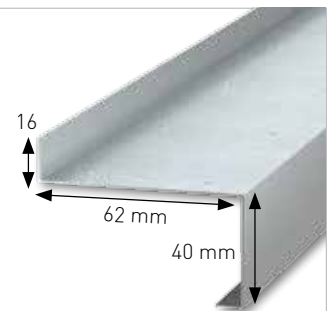
*Alternative packings upon request



Frame profile for weather louvre 40 mm

Art.-Nr.	Description	Material	Length	PU
304040011	Frame profile	Galvanized	5.000 mm	100 m
304040010	Frame profile with studs	Galvanized	5.000 mm	100 m
304040040	Frame profile with studs - AISI 304*	Stainless	5.000 mm	100 m*
304040070	Frame profile with studs - ALU*	Aluminium	5.000 mm	100 m*

*Alternative packings upon request



Lamella holder for weather louvre 40 mm

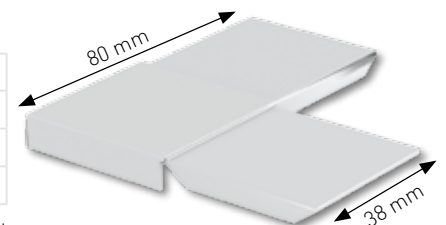
Art.-Nr.	Description	Material	Length	PU
304040020	Lamella holder	Galvanized	2.500 mm	20 pcs



Corner piece for weather louvre 40 mm

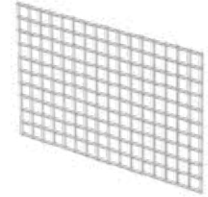
Art.-Nr.	Description	Material	PU
304050010	Corner	Galvanized	250 pcs
304050040	Corner - AISI 304*	Stainless	250 pcs*
304050070	Corner - ALU*	Aluminium	250 pcs*

*Alternative packings upon request



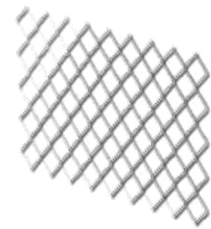
Wire grating

Art.-Nr.	Description	Material	Dimensions	Width	PU
304100010	Wire grating 12,7	Galvanized	12,7 x 12,7 x 1,05 mm	1.020 mm	25 m
304110010	Wire grating 16	Galvanized	16 x 16 x 1,20 mm	1.020 mm	25 m
304120010	Wire grating 19	Galvanized	19 x 19 x 1,45 mm	1.010 mm	25 m



Expanded metal grill

Art.-Nr.	Description	Material	Dimensions	Width	PU
304070010	Expanded metal 13	Galvanized	13 x 13 x 1 x 1 mm	1.000 mm	25 m
304080010	Expanded metal 16	Galvanized	16 x 16 x 1,2 x 1 mm	1.000 mm	25 m
304090010	Expanded metal 19	Galvanized	19 x 19 x 1,5 x 1,5 mm	1.250 mm	25 m
304070040	Expanded metal 13 - AISI 304	Stainless	13 x 13 x 1 x 1 mm	1.000 mm	25 m



Insect screen

Art.-Nr.	Description	Material	Dimensions	Width	PU
304150010	Insect screen	Galvanized	1,5 x 1,5 x 0,3 x 0,4 mm	1.000 mm	25 m
304160010	Insect screen - AISI 304	Stainless	1,5 x 1,5 x 0,3 x 0,4 mm	1.000 mm	25 m



- For installing a leak-proof drain in ventilation systems
- All parts corrosion-protected
- Fast and easy mounting

Moisture drain ST-G

- With big funnel plate
- Suitable for rectangular ducts and AHUs
- Drain draws duct into a funnel to assure drainage
- Brass, nickel-plated; funnel plate galvanized

Art.-Nr.	Description	Clamping nut	Nozzle	PU
316010010	ST-G 1/2"	27 mm	19 mm	10 pcs
316020010	ST-G 3/4"	32 mm	24 mm	10 pcs
316030010	ST-G 1"	41 mm	32 mm	10 pcs
316040010	ST-G 1 1/2"	55 mm	46 mm	10 pcs



Moisture drain ST-K

- With conical plate
- Suitable for rectangular and round ducts
- Drain draws duct into sturdy conical plate
- Brass, nickel-plated

Art.-Nr.	Description	Clamping nut	Nozzle	PU
316050010	ST-K 1/2"	27 mm	19 mm	10 pcs
316060010	ST-K 3/4"	32 mm	24 mm	10 pcs
316070010	ST-K 1"	41 mm	32 mm	10 pcs
316080010	ST-K 1 1/2"	55 mm	46 mm	10 pcs



Cap for moisture drain / drain plug

- For closing moisture drains ST-G and ST-K
- Used, when no hose is connected to moisture drain
- Brass, nickel-plated
- Washer included

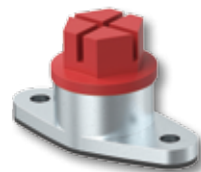
Art.-Nr.	Description	PU
316090010	Cap 1/2"	10 pcs
316100010	Cap 3/4"	10 pcs
316110010	Cap 1"	10 pcs
316120010	Cap 1 1/2"	10 pcs



Instrument test port CPT-1

- With airtight plastic plug
- Opening 19 mm (3/4")
- Temperature resistant up to 72 °C, short-term up to 100 °C
- Resistant to a wide range of chemicals
- Suitable for insulation material up to 25 mm
- Also for high flow velocities
- Fast and easy mounting with drill screws

Art.-Nr.	Description	PU	Box
316140010	CPT-1	25 pcs	250 pcs



Drill screw with inner square drive

- Shapely head
- Secure fit and tight hold due to toothed underside
- Non-magnetic, i. e. no drilling swarf on the holder
- One holder for free in each box

Art.-Nr.	Description	Material	PU	Box
317010020	Drill screw 4,2 x 13 mm	Galvanized	1.000 pcs	10.000 pcs
317020020	Drill screw 4,2 x 16 mm	Galvanized	1.000 pcs	10.000 pcs
317030020	Drill screw 4,2 x 19 mm	Galvanized	1.000 pcs	10.000 pcs
317035020	Drill screw 4,2 x 42 mm	Galvanized	500 pcs	5.000 pcs
317070040	Drill screw 4,2 x 13 mm - AISI 304	Stainless	1.000 pcs	10.000 pcs
317080040	Drill screw 4,2 x 16 mm - AISI 304	Stainless	1.000 pcs	10.000 pcs



Holder

- For drill screws with square drive

Art.-Nr.	Description	For dimension	PU
317010030	Holder Q2-50	4,2 mm	50 pcs



Drill screw with hex drive

- DIN 7504 K
- Secure fit and tight hold due to toothed underside

Art.-Nr.	Description	Material	PU	Box
317010010	Drill screw 4,2 x 13 mm, hex drive	Galvanized	1.000 pcs	10.000 pcs
317020010	Drill screw 4,2 x 16 mm, hex drive	Galvanized	1.000 pcs	10.000 pcs
317030010	Drill screw 4,2 x 19 mm, hex drive	Galvanized	1.000 pcs	10.000 pcs



Magnetic chuck

- End size 7 mm

Art.-Nr.	Description	For dimension	PU
317110000	Magnetic chuck 192-7	4,2 mm	20 pcs



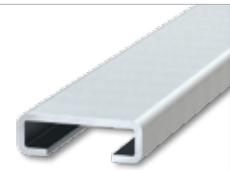
Cleat

- Suitable for flange systems "Premium", "P", "S" & "L"
- Suitable for flange 20, 30 & 40

Art.-Nr.	Description	Material	Length	PU
303010010	Cleat "square"	Galvanized	5.000 mm	500 m
303010040	Cleat "square" - AISI 316*	Stainless	5.000 mm	500 m*

*Alternative packings upon request

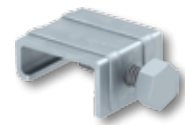
Art.-Nr.	Description	Material	Length	PU
303010500	Cleat "round"	Galvanized	5.000 mm	100 m



G-Clamp / Bolt-on cleat "standard"

- Suitable for flange systems "Premium", "P", "S" & "L"
- Suitable for flange 20, 30 & 40
- Screw included

Art.-Nr.	Description	Gauge	Material	PU	Pallet
303021013	GK 2,5	2,5 mm	Galvanized	200 pcs	10.000 pcs
303021010	GK 3	3,0 mm	Galvanized	200 pcs	10.000 pcs



G-Clamp / Bolt-on cleat "PLUS"

- Suitable for flange systems "Premium", "P", "S" & "L"
- Suitable for flange 20, 30 & 40
- End tips for better grip
- V-bead for increased stability
- Optimized mounting
- Screw included

Protection rights announced

Art.-Nr.	Description	Material	PU	Pallet
303021012	GK PLUS	Galvanized	200 pcs	10.000 pcs
303021040	GK PLUS - AISI 316	Stainless	200 pcs	10.000 pcs



Gasket tape

- Closed cell polyethylene foam
- Self-adhesive on one side
- Colour: anthracite grey
- Temperature resistance: -30 °C to +80 °C
- According to VDI 6022



Art.-Nr.	Description*	Rolls	PU	Pallet
310100000	Gasket 9 x 4 mm	10 m	2.400 m	24.000 m
310110000	Gasket 12 x 4 mm	10 m	1.800 m	18.000 m
310070000	Gasket 15 x 4 mm	10 m	1.500 m	15.000 m
310160000	Gasket 20 x 4 mm	10 m	1.100 m	11.000 m
310170000	Gasket 25 x 4 mm	10 m	900 m	9.000 m
310150000	Gasket 9 x 6 mm	10 m	330 m	13.200 m

*Other dimensions upon request



Sealing corner

- Closed cell polyethylene foam
- Self-adhesive on one side
- Colour: anthracite grey
- Particularly suitable for use in ventilation systems where high air-tightness classes are demanded
- Temperature resistance: -30 °C to +80 °C
- According to VDI 6022



Art.-Nr.	Description	For gasket tape	Screw hole	PU
310200000	SDE 20	15 x 4 mm	Round hole 9 mm	284 pcs
310210000	SDE 30	20 x 4 mm	Slotted hole 13 x 16 mm	284 pcs
310220000	SDE 40	25 x 4 mm	Slotted hole 13 x 16 mm	284 pcs



PTFE-Gasket tape

- Self-adhesive on one side
- Colour: white
- Resistant to a wide range of chemicals
- Resistant to ageing and weathering / UV-resistant
- Temperature resistance: -240 °C to +270 °C short-term up to +310 °C

Art.-Nr.	Description*	PU	Pallet
310030000	PTFE 12 x 4 mm	25 m	1.250 m

*Other dimensions upon request

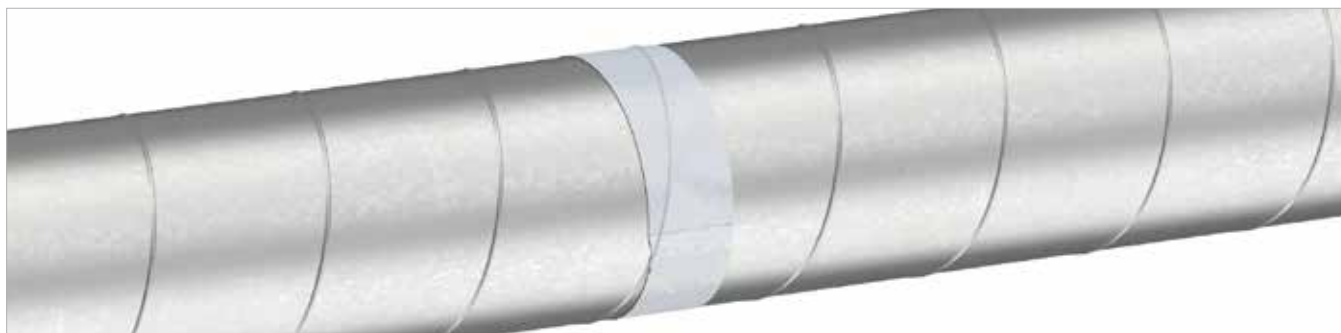


Cold shrink tape

- Colour: light grey or aluminium
- One side foil-laminated polyethylene or aluminium
- Suitable for sealing ductwork
- Suitable for installations in visible areas
- Temperature resistance: -20 °C to +60 °C
- Normal flammability according to DIN 4102 - B2

Art.-Nr.	Description	Width*	Rolls	PU
309070010	Cold shrink tape 50	50 mm	15 m	24 pcs
309075010	Cold shrink tape 75	75 mm	15 m	16 pcs
309080010	Alu-Cold shrink tape 50	50 mm	15 m	24 pcs

*Other dimensions upon request



ACCESS DOOR / ACCESS PANEL

- For rectangular and oval ducts
- Fixed by two star-shaped hand knobs (red)
- Hand knobs with embedded metal thread (galvanized)
- Suitable for air-tightness class D (TÜV-Nord certified)
- Self-adhesive drilling plate in each bag

Access door for rectangular ductwork

- With polyethylene foam gasket



Art.-Nr.	Description	Dimensions	PU*
308100010	ID 18	180 x 80 mm	50 pcs
308100020	ID 21	200 x 100 mm	50 pcs
308110010	ID 315	300 x 150 mm	25 pcs
308110020	ID 32	300 x 200 mm	25 pcs
308120010	ID 42	400 x 200 mm	10 pcs
308120020	ID 43	400 x 300 mm	10 pcs
308130010	ID 53	500 x 300 mm	8 pcs
308130020	ID 54	500 x 400 mm	6 pcs
308140010	ID 64	600 x 400 mm	4 pcs
308140020	ID 65	600 x 500 mm	4 pcs
308150010	ID 75	700 x 500 mm	3 pcs



*Alternative packings upon request

Access door for rectangular ductwork - stainless steel

- With polyethylene foam gasket



Art.-Nr.	Description	Dimensions	PU*
308100040	ID 21 - AISI 304	200 x 100 mm	50 pcs
308110040	ID 32 - AISI 304	300 x 200 mm	25 pcs
308120040	ID 43 - AISI 304	400 x 300 mm	10 pcs



*Alternative packings upon request

Access door for rectangular ductwork with edge protection

- Self-adhesive edge protection in each bag



Art.-Nr.	Description	Dimensions	PU*
308010010	ID 21 K	200 x 100 mm	50 pcs
308020010	ID 32 K	300 x 200 mm	25 pcs
308030010	ID 43 K	400 x 300 mm	10 pcs
308040010	ID 54 K	500 x 400 mm	6 pcs
308060010	ID 65 K	600 x 500 mm	4 pcs



*Alternative packings upon request

- For round and oval tubes
- With polyethylene foam gasket
- Fixed by two star-shaped hand knobs (red)
- Hand knobs with embedded metal thread (galvanized)
- Self-adhesive drilling plate in each bag

Art.-Nr.	Description	Dimensions	For ø min-stand.-max	PU*
308180010	GRD 18-8	180 x 80 mm	76 - 80 - 92	50 pcs
308200010	GRD 18-10	180 x 80 mm	93 - 100 - 114	50 pcs
308210010	GRD 18-12	180 x 80 mm	115 - 125 - 130	50 pcs
308210011	GRD 18-14	180 x 80 mm	131 - 140 - 150	50 pcs
308210015	GRD 18-16	180 x 80 mm	151 - 160 - 170	50 pcs
308220010	GRD 21-14+15	200 x 100 mm	130 - 140/150 - 155	50 pcs
308230010	GRD 21-16+18	200 x 100 mm	156 - 160/180 - 190	50 pcs
308240010	GRD 21-20+22	200 x 100 mm	191 - 200/224 - 240	50 pcs
308250010	GRD 21-25+28	200 x 100 mm	241 - 250/280 - 300	50 pcs
308260010	GRD 21-31+35	200 x 100 mm	301 - 315/355 - 360	50 pcs
308260020	GRD 32-28	300 x 200 mm	260 - 280 - 300	25 pcs
308270010	GRD 32-31	300 x 200 mm	301 - 315 - 340	25 pcs
308280010	GRD 32-35	300 x 200 mm	341 - 355 - 380	25 pcs
308280110	GRD 32-40	300 x 200 mm	381 - 400 - 420	25 pcs
308280120	GRD 32-45	300 x 200 mm	421 - 450 - 470	25 pcs
308280130	GRD 32-50	300 x 200 mm	471 - 500 - 530	25 pcs
308290010	GRD 43-40	400 x 300 mm	370 - 400 - 420	10 pcs
308300010	GRD 43-45	400 x 300 mm	421 - 450 - 470	10 pcs
308310010	GRD 43-50	400 x 300 mm	471 - 500 - 530	10 pcs
308320010	GRD 43-56	400 x 300 mm	531 - 560 - 600	10 pcs
308330010	GRD 43-63	400 x 300 mm	601 - 630 - 670	10 pcs
308340010	GRD 43-71	400 x 300 mm	671 - 710 - 750	10 pcs
308350010	GRD 43-80	400 x 300 mm	751 - 800 - 850	10 pcs
308360010	GRD 43-90	400 x 300 mm	851 - 900 - 950	10 pcs
308370010	GRD 54-56	500 x 400 mm	520 - 560 - 600	6 pcs
308380010	GRD 54-63	500 x 400 mm	601 - 630 - 670	6 pcs
308390010	GRD 54-71	500 x 400 mm	671 - 710 - 750	6 pcs
308400010	GRD 54-80	500 x 400 mm	751 - 800 - 850	6 pcs
308410010	GRD 54-90	500 x 400 mm	851 - 900 - 950	6 pcs
308420010	GRD 54-100	500 x 400 mm	951 - 1000 - 1060	6 pcs
308430010	GRD 54-112	500 x 400 mm	1061 - 1120 - 1180	6 pcs
308440010	GRD 54-125	500 x 400 mm	1181 - 1250 - 1320	6 pcs
308450010	GRD 54-140	500 x 400 mm	1321 - 1400 - 1500	6 pcs
308460010	GRD 54-160	500 x 400 mm	1501 - 1600 - 1800	6 pcs

*Alternative packings upon request



Self-adhesive edge protection

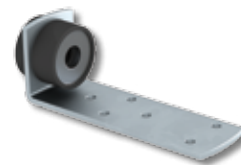
Art.-Nr.	Description	PU
308990010	Edge protection	100 m



Single support angle for rectangular ductwork

- Length: 90 mm
- With mounted insulation element
- For threaded rods \varnothing 10 mm

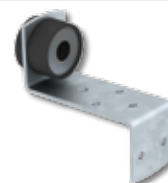
Art.-Nr.	Description	Material	PU	Pallet
313110010	Single support angle	Galvanized	100 pcs	10.000 pcs



Double support angle for rectangular ductwork

- Length: 60 mm
- With mounted insulation element
- For threaded rods \varnothing 10 mm

Art.-Nr.	Description	Material	PU	Pallet
313120010	Double support angle	Galvanized	100 pcs	10.000 pcs



Tube hanger for spiral tubes

- Length: 100 mm
- With mounted insulation element
- For threaded rods \varnothing 10 mm

Art.-Nr.	Description	Material	PU
313130010	Tube hanger	Galvanized	50 pcs



Trapeze hanger for spiral tubes

- Length: 100 mm
- With mounted insulation element
- For threaded rods \varnothing 10 mm

Art.-Nr.	Description	Material	PU
313130020	Trapeze hanger	Galvanized	100 pcs



Slide mount

- Suitable for flange systems "Premium", "P", "S" & "L"
- Suitable for flange 20, 30 & 40
- Screwless assembly
- Two functions: cleat and hanger in one
- With mounted insulation element
- For threaded rods \varnothing 10 mm
- Max capacity: 785 N per attachment

Art.-Nr.	Description	Material	PU
313500010	Slide mount	Galvanized	50 pcs



Insulation element with washer

- For threaded rods \varnothing 10 mm

Art.-Nr.	Description	Material	PU
313508000	Insulation element	Natural rubber	200 pcs



Beam clamp

- For attaching ductwork or tubes to beams
- With hole or internal thread
- Assembly without drilling or welding

Art.-Nr.	Description	Material	Hole	PU
313150009	Beam clamp 9 mm	GT-galvanized	9 mm	50 pcs
313150011	Beam clamp 11 mm	GT-galvanized	11 mm	50 pcs
313150013	Beam clamp 13 mm	GT-galvanized	13 mm	50 pcs

Art.-Nr.	Description	Material	Thread	PU
313140008	Beam clamp M8	GT-galvanized	M 8	50 pcs
313140010	Beam clamp M10	GT-galvanized	M 10	50 pcs
313140012	Beam clamp M12	GT-galvanized	M 12	50 pcs



Threaded rod

Art.-Nr.	Description	Material	Length	PU
314130010	Threaded rod M 8	Galvanized	1.000 mm	50 pcs
314150010	Threaded rod M 10	Galvanized	1.000 mm	25 pcs
314170010	Threaded rod M 12	Galvanized	1.000 mm	20 pcs

314140010	Threaded rod M 8	Galvanized	2.000 mm	25 pcs
314160010	Threaded rod M 10	Galvanized	2.000 mm	20 pcs
314180010	Threaded rod M 12	Galvanized	2.000 mm	15 pcs



Rod coupler

Art.-Nr.	Description	Material	Features	PU
314240010	Rod coupler M 8	Galvanized	Hex head	100 pcs
314250010	Rod coupler M 10	Galvanized	Hex head	100 pcs
314260010	Rod coupler M 12	Galvanized	Hex head	100 pcs



Clamp for spiral tubes

- Galvanized steel with insulation rubber
- Welded on combination nut M8 / M10
- Quick and convenient installation as a result of wide opening angles
- Click-in lock (up to 400 mm)

Art.-Nr.	Description	Nominal width	Dimensions	PU
315410010	Clamp 80	80 mm	20 x 1,8 mm	60 pcs
315430010	Clamp 100	100 mm	20 x 1,8 mm	60 pcs
315450010	Clamp 125	125 mm	20 x 1,8 mm	60 pcs
315470010	Clamp 150	150 mm	20 x 1,8 mm	60 pcs
315480010	Clamp 160	160 mm	20 x 1,8 mm	60 pcs
315490010	Clamp 180	180 mm	20 x 1,8 mm	60 pcs
315500010	Clamp 200	200 mm	20 x 1,8 mm	30 pcs
315510010	Clamp 225	225 mm	20 x 1,8 mm	30 pcs
315520010	Clamp 250	250 mm	20 x 1,8 mm	30 pcs
315530010	Clamp 280	280 mm	20 x 1,8 mm	30 pcs
315540010	Clamp 300	300 mm	20 x 1,8 mm	30 pcs
315550010	Clamp 315	315 mm	20 x 1,8 mm	30 pcs
315570010	Clamp 355	355 mm	20 x 1,8 mm	20 pcs
315580010	Clamp 400	400 mm	20 x 1,8 mm	20 pcs
315590010	Clamp 450	450 mm	25 x 2,5 mm	10 pcs
315600010	Clamp 500	500 mm	25 x 2,5 mm	10 pcs
315610010	Clamp 560	560 mm	25 x 2,5 mm	10 pcs
315615010	Clamp 600	600 mm	25 x 2,5 mm	10 pcs
315620010	Clamp 630	630 mm	25 x 2,5 mm	10 pcs
315630010	Clamp 710	710 mm	25 x 2,5 mm	10 pcs
315640010	Clamp 800	800 mm	25 x 2,5 mm	10 pcs
315650010	Clamp 900	900 mm	25 x 2,5 mm	10 pcs
315660010	Clamp 1000	1000 mm	25 x 2,5 mm	10 pcs
315670010	Clamp 1120	1120 mm	25 x 2,5 mm	10 pcs
315680010	Clamp 1250	1250 mm	25 x 2,5 mm	10 pcs



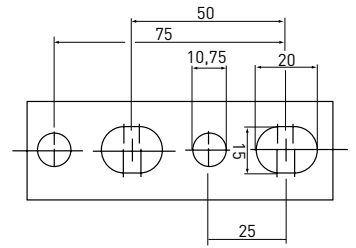
Perforated tape

Art.-Nr.	Description	Material	Screw hole	Rolls	PU
315010010	Perforated tape 17 x 0,6 mm	Galvanized	8,5 mm	25 m	125 m
315020010	Perforated tape 25 x 0,75 mm	Galvanized	8,5 mm	25 m	125 m



Strut / Channel section

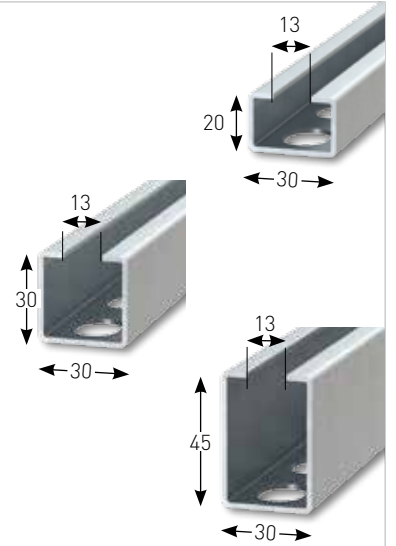
- Support for multiple purposes
- Perforation: slotted hole 20 x 15 mm, round hole 10,75 mm



Art.-Nr.	Description	Material	Gauge	Length	PU
305020010	T 20	Galvanized	1,75 mm	5.000 mm	250 m

305050010	T 30	Galvanized	1,75 mm	5.000 mm	250 m
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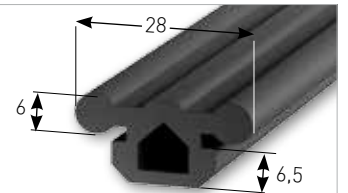
305080010	T 45	Galvanized	1,75 mm	5.000 mm	250 m
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Insulation rubber for struts / channel sections

- Suitable for struts T 20, T 30 & T 45
- For interruption of sound bridges

Art.-Nr.	Description	Material	PU
305110000	Insulation rubber	EPDM	75 m



Protective cap for struts / channel sections

- Covers the cutting edge
- Nice finish and accident prevention
- Easy assembly

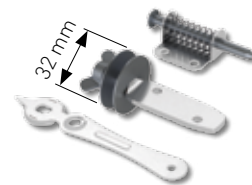
Art.-Nr.	Description	For strut	Material	PU
305210000	Cap 20	T 20	Polyethylene	100 pcs
305220000	Cap 30	T 30	Polyethylene	100 pcs
305230000	Cap 45	T 45	Polyethylene	100 pcs



Klap 1

· Adjusting lever, pin, winged screw, spring pin

Art.-Nr.	Description	for diameter	PU
307010010	Klap 1	up to 200 mm	100 pcs



Klap 2/3

· Adjusting lever, plate, 1 round and 1 square pin, clamping screw and seal · Axis 12 mm

Art.-Nr.	Description	for diameter	PU
307020010	Klap 2/3	up to 650 mm	50 pcs



Klap 4

· Adjusting lever, pin, spring pin

Art.-Nr.	Description	for diameter	PU
307040010	Klap 4	up to 250 mm	100 pcs



Klap 5

· Adjusting lever, pin, spring pin

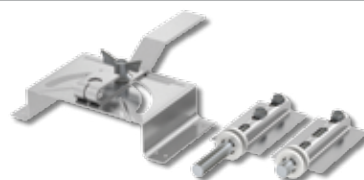
Art.-Nr.	Description	for diameter	PU
307050010	Klap 5	up to 500 mm	100 pcs



Klap 6

· Airtight damper quadrant · Suitable for round and rectangular ducts

Art.-Nr.	Description	for diameter	PU
307060010	Klap 6	up to 650 mm	50 pcs



Volume control damper kit

- Variable self-assembly system
- Good flow characteristics
- Aluminium cog wheels can be used either inside and outside
- High stability
- Temperature resistance: +80 °C
- Plastic parts with temperature resistance up to +180 °C (short-term) upon request
- Mounting instruction available



VOLUME CONTROL DAMPER KIT

Art.-Nr.	Description	Material	Length	PU
320400011	Lamella W-01-S	Aluminium	5.000 mm	50 m
320400010	Lamella W-01-G*	Aluminium	5.000 mm	50 m
*With retainer for rubber seal				
320400030	Side part	Galvanized	3.000 mm	1 pcs
320400020	Cog wheel	Aluminium	-	100 pcs
320400040	Bearing cap - (L)	Polyamide	-	100 pcs
320400050	Bearing cap - (R)	Polyamide	-	100 pcs
320400060	End cap	Polyamide	-	100 pcs
320400070	Bearing part	Polyamide	-	100 pcs
317035020	Drill screw	Galvanized	4,2 x 42 mm	500 pcs
320370010	Axle 10 x 10	Galvanized	150 mm	50 pcs
320400080	Rubber seal	EPDM	-	400 m
320190010	Stopper seal	EPDM	-	100 m
320300000	Hand locking lever	Galvanized	-	10 pcs
320100010	Locking lever	Galvanized	-	10 pcs
320100020	Ball joint M 8	Galvanized	-	10 pcs
314130010	Threaded rod M 8	Galvanized	1.000 mm	50 pcs



T-Section

- For construction of sound attenuators

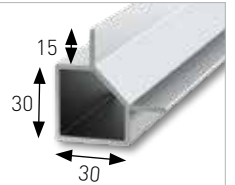
Art.-Nr.	Description	Dimensions	Material	Length	PU
306200020	T-Section	25/20/25	Galvanized	4.000 mm	400 m



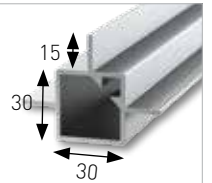
Aluminium section and accessories for AHUs

- Variable self-assembly system
- Designed to build housings for AHUs

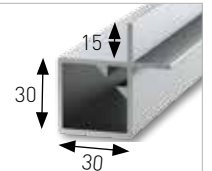
Art.-Nr.	Description	Material	Gauge	Length	PU
301020570	AK 30	Aluminium	1,4 mm	5.000 mm	50 m



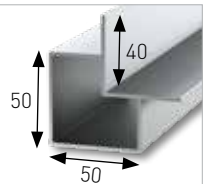
Art.-Nr.	Description	Material	Gauge	Length	PU
301020670	AVK 30	Aluminium	1,4 mm	5.000 mm	20 m



Art.-Nr.	Description	Material	Gauge	Length	PU
301020870	AK 25/30	Aluminium	1,4 mm	5.000 mm	20 m



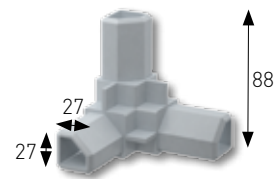
Art.-Nr.	Description	Material	Gauge	Length	PU
301020770	AK 50	Aluminium	1,6 mm	5.000 mm	20 m



Connector

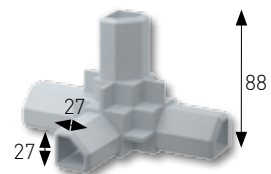
Art.-Nr.	Description	Material*	PU
302050000	KE 30	PVC	120 pcs

*Other materials upon request



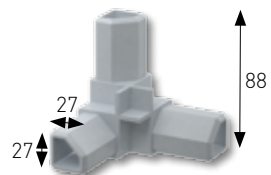
Art.-Nr.	Description	Material*	PU
302060000	KVE 30	PVC	100 pcs

*Other materials upon request



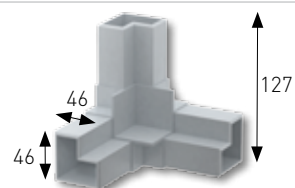
Art.-Nr.	Description	Material*	PU
302080000	KE 25/30	PVC	120 pcs

*Other materials upon request



Art.-Nr.	Description	Material*	PU
302070000	KE 50	PVC	35 pcs

*Other materials upon request



Locking handle

Art.-Nr.	Description	Features	PU
302900010	KS 15	For AK 30	10 pcs
302900110	KS 25	For AK 25/30 & AK 50	10 pcs



Key for locking handle

Art.-Nr.	Description	Colour	PU
302900020	Key	Black	10 pcs



LEAK PROOF TESTER

- Suitable for ventilation systems
- For detection of leakage or determining achieved air-tightness class
- Automatic measuring according to DIN EN 1507 and DIN EN 12237
- Wide application field from small to large HVAC-systems
- Integrated printer with seriell USB-Bus
- Easy handling and menu navigation



Art.-Nr.	Description	PU
340010010	GS-LDP 2.0	1 pcs

Content:

- | |
|------------------------------------|
| 1 GS-LDP 2.0 in plastic case |
| 1 Plastic case for accessories |
| 1 Power cord 230 V AC (length 3 m) |
| 1 Air hose (length 5 m) |
| 1 Hose for measuring (length 10 m) |
| 1 Printer |
| 1 USB flash drive |
| 1 User manual |

Technical data:

- | |
|-----------------------------------|
| - 4-line illuminated display |
| - Power supply 230 V/50 Hz |
| - Power consumption max. 2000 W |
| - Weight app. 9,5 kg |
| - Working parameters +5 bis 50 °C |



- For quick connection of flange and corner
- Suitable for all Gebhardt-flanges 20, 30 und 40
- Only one tool holder for systems 20, 30 und 40
- Mould can be changed quickly from 20/30 flange to 40 flange
- Only compressor needed for working
- Punching press is triggered without footswitch by time-controlled pneumatic components
- Non-corrosive permanent connection of flange and corner
- The 4-bolt flange connection frames can't fall apart after punch pressing

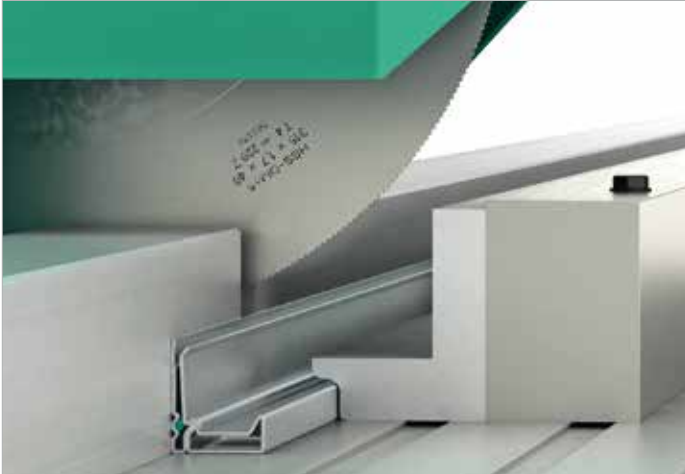


Art.-Nr.	Description	PU
350101000	Punch press	1 pc

Technical data/Dimensions:	
Pressure:	4,0 t
Air power:	6 bar
Depth:	400 mm
Width:	400 mm
Height:	600 mm
Weight:	68 kg

Compressor requirements:	
	1,5 HP
	220 Volt 50 Hz
	7,5 amps
	8,0 bar
	6 litres (210 litres per minute)





1. Cutting to length - The correct flange length depends on the clearance of the used corner. Calculate the flange length as follows: For P- and S-corners subtract 32 mm from ductsize; for D-corners subtract ≤ 5 mm from ductsize.



4. Slip on the frame - The duct should be in a vertical position when starting to slip on the frame. Start at a corner of the duct where there is a bead. Try to hold the frame oblique to the ductwall, so the flanges can easier slip onto it.



2. Frame assembly - Insert 2 corners into each of the longer flanges. Now assemble both shorter flanges to one of the longer flanges. Last step is to close the frame by slipping on the remaining longer flange.



5. How far to slip on - Slip the flanges onto the duct until you reach the end of the flange. Only this provides optimal seal.



3. Attention! - To avoid damages of the clinching points / the flange, please just insert the corners until you reach the stop edge. We recommend to use a rubber hammer for inserting the corners.



6. Spot welding / clinching - Make one connection point at each end of the flange. Then go on to make connections by spot welding / clinching every 140 mm.



7. Number of spot welding / clinching points - The adhesive force of the inserted Butyl could substitute every second spot welding point, provided that frame assembly is correct.



10. Duct covering - Protect the inside of the ducts from dust and dirt by covering them with protective dust cover (see page 26) before transport to site.



8. Repair spray - Repair spot welding points (depending on flange material) using Zinc-Alu spray or Stainless steel spray (see page 23). This provides corrosion protection and gives the duct a nicer finish.



11. Gasket tape - Put on the gasket tape flush to the inner surface of the duct. The gasket tape should overlap in the area of the corners like shown in the figure. Recommended gasket: 20 flange=15x4 mm, 30 flange=20x4 mm, 40 flange=25x4 mm (see page 34)



9. Sealing - Apply sealant (e.g. Gebhardt-MAXX, see page 25) at each corner on the inside of the duct. Flanges with BUTYL/GEL don't require any sealing at their longitudinal edge. Keep in mind to seal longitudinal beads as well.



12. Duct connection - Assure that all screws/bolts of the 4-bolt connection system are equally tightened.



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