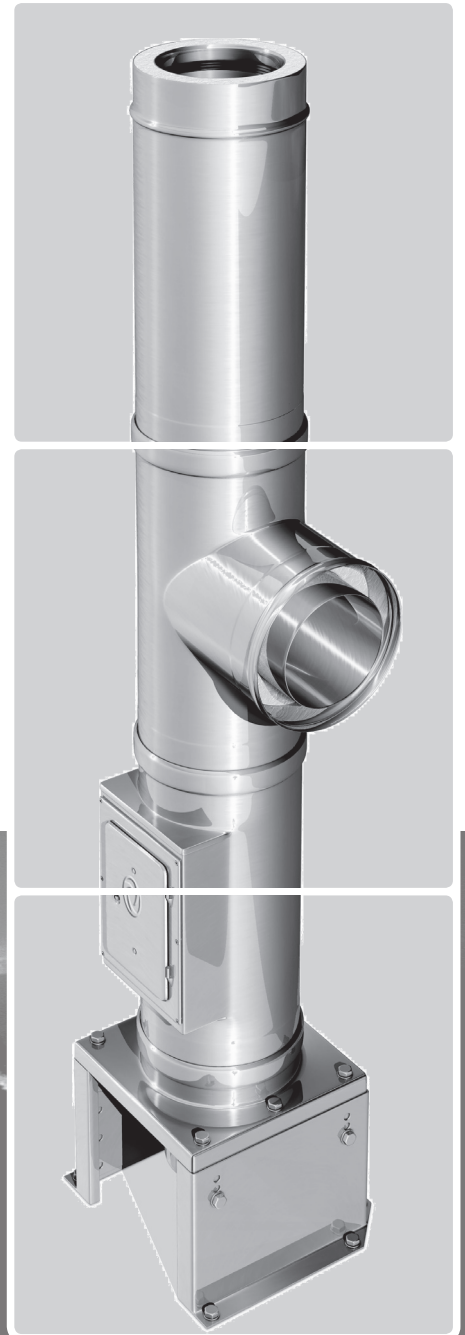


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heatingthrough**innovation.**



System-Abgasanlage:

UNITHERM No: DoP 001 / FCC-2013-07-01

*** Zutreffende Produktkennzeichnung bitte entsprechend ankreuzen ***										
Klassifikation EN 1856-1 / EN 1856-2										
Ausf.	ND					Systemabgasanlage EN-1856-1	Verbindungsstück EN-1856-2			
1	80-300	T600	N1	D	V3	L50050	G50	<input type="checkbox"/>	G150 M	<input type="checkbox"/>
	350-450						G75	<input type="checkbox"/>		<input type="checkbox"/>
	500-600						G100	<input type="checkbox"/>		<input type="checkbox"/>
2	80-300	T600	N1	W	V2	L50050	G50	<input type="checkbox"/>	G150 M	<input type="checkbox"/>
	350-450						G75	<input type="checkbox"/>		<input type="checkbox"/>
	500-600						G100	<input type="checkbox"/>		<input type="checkbox"/>
3	80-300	T600	N1	W	V2	L50050	O30	<input type="checkbox"/>	O90 M	<input type="checkbox"/>
	350-450						O45	<input type="checkbox"/>		<input type="checkbox"/>
	500-600						O60	<input type="checkbox"/>		<input type="checkbox"/>
4	80-300	T400	N1	W	V2	L50050	O30	<input type="checkbox"/>	O40 M	<input type="checkbox"/>
	350-450						O45	<input type="checkbox"/>		<input type="checkbox"/>
	500-600						O60	<input type="checkbox"/>		<input type="checkbox"/>
5	80-600	T200	N1	W	V2	L50050	O00	<input type="checkbox"/>	O10 M	<input type="checkbox"/>
6	80-600	T160	H1	W	V2	L50050	O00	<input type="checkbox"/>	O00 M	<input type="checkbox"/>
7	80-600	T120	H1	W	V2	L50050	O00	<input type="checkbox"/>	O00 M	<input type="checkbox"/>

P18LA004 - 2400 - 09/13 - DC

Anlagenkennzeichnung EN 15287-1 und -2: _____

Nenndurchmesser: _____ mm Wärmedurchlasswiderstand: _____ m²K/W
ohne Schacht 0,569 m²K/W

Montagefirma: _____ Einbaudatum: _____

Warnhinweis: Dieses Schild darf nicht abgedeckt oder entfernt werden



- (DE)** Der beiliegende Anlagenaufkleber mit CE Kennzeichnung muss in der jeweiligen Landessprache ausgefüllt und an jeder Abgasanlage sichtbar und dauerhaft angebracht werden!
- (EN)** The attached installation sticker with CE identification must be filled out in the national language and visibly and permanently mounted on every exhaust system!
- (FR)** Remplir dans la langue du pays la vignette au code CE ci-jointe d'une encre indélébile et la coller durablement sur l'installation de gaz d'échappement !
- (NL)** De bijgevoegde sticker met CE-kenmerking dient in de landstaal te worden ingevuld en moet zichtbaar en blijvend aang ebracht worden op elk uitlaatsysteem!
- (DA)** Det vedlagte anlægsmærkat med CE-mærkning skal udfyldes og fastgøres på et synligt og fast sted på aftræksanlægget!
- (IT)** L'etichetta adesiva qui allegata, munita di marcatura CE, deve essere compilata nella rispettiva lingua nazionale e applicata su ciascun circuito di scarico in modo visibile e duraturo!

DE Allgemeines

Die Montage der Abgasanlage muss den nationalen und regionalen baurechtlichen Vorschriften und Normen entsprechen. Stimmen Sie sich gegebenenfalls mit den entsprechenden Behörden ab (z.B. BezirksschornsteinfegermeisterIn).

Es ist darauf zu achten, dass in der Verbrennungsluft keine halogenhaltigen Bestandteile (z.B. Fluor, Chlor, usw.) enthalten sind. Luft in geschlossenen Räumen (z.B. Schwimmbäder, Wäschereien, Entlackungsbetriebe) und Abgase mit diesen Bestandteilen können zu Korrosion der Abgasanlage führen.

EN General Information

The installation of the exhaust system must comply with the national and regional building regulations and standards. Where applicable, please contact and comply with the corresponding public authorities (e.g. district master chimney sweep).

Care must be taken to ensure that no halogen-bearing elements (e.g. Fluorine, Chlorine, etc.) are contained in the combustion air. Air in enclosed spaces (e.g. swimming pools, laundromats, paint removal plants) and exhaust gases with these elements can lead to corrosion of the exhaust system.

FR Généralités

Le montage de l'installation de gaz d'échappement doit être conforme aux règlements et normes nationaux et régionaux relevant du droit de construction. Se conformer aux textes des autorités compétentes (par exemple, ramoneurs en chef au niveau des districts).

Veiller à ce que l'air de combustion ne contienne pas de composants à teneur en halogène (par exemple fluorine, chlore, etc.). L'air dans des locaux fermés (par exemple piscines couvertes, blanchisseries, ateliers de décapage) et les gaz d'échappement contenant de tels composants peuvent entraîner la corrosion de l'installation de gaz d'échappement.

NL Algemeen

De montage van het uitlaatsysteem moet overeenstemmen met de nationale en regionale voorschriften en normen ivm bouwrecht. Gelieve eventueel af te stemmen met de competente overheden (bv districtsschoorsteenvegermeester).

Het is noodzakelijk om ervoor te zorgen dat er geen halogeenhoudende stoffen (bv fluor of chloor) in de verbrandingslucht zijn. Lucht in gesloten ruimtes (bv zwembaden, wasserijen, aflakkerijen) en uitlaatgassen met deze stoffen kunnen leiden tot de corrosie van het uitlaatsysteem.

DA Generelt

Monteringen af aftræksanlægget skal udføres i overensstemmelse med de nationale og regionale byggetekniske forskrifter og standarder. Afstem i givet fald monteringen med de pågældende myndigheder (f.eks. den ansvarlige skorstensfejer).

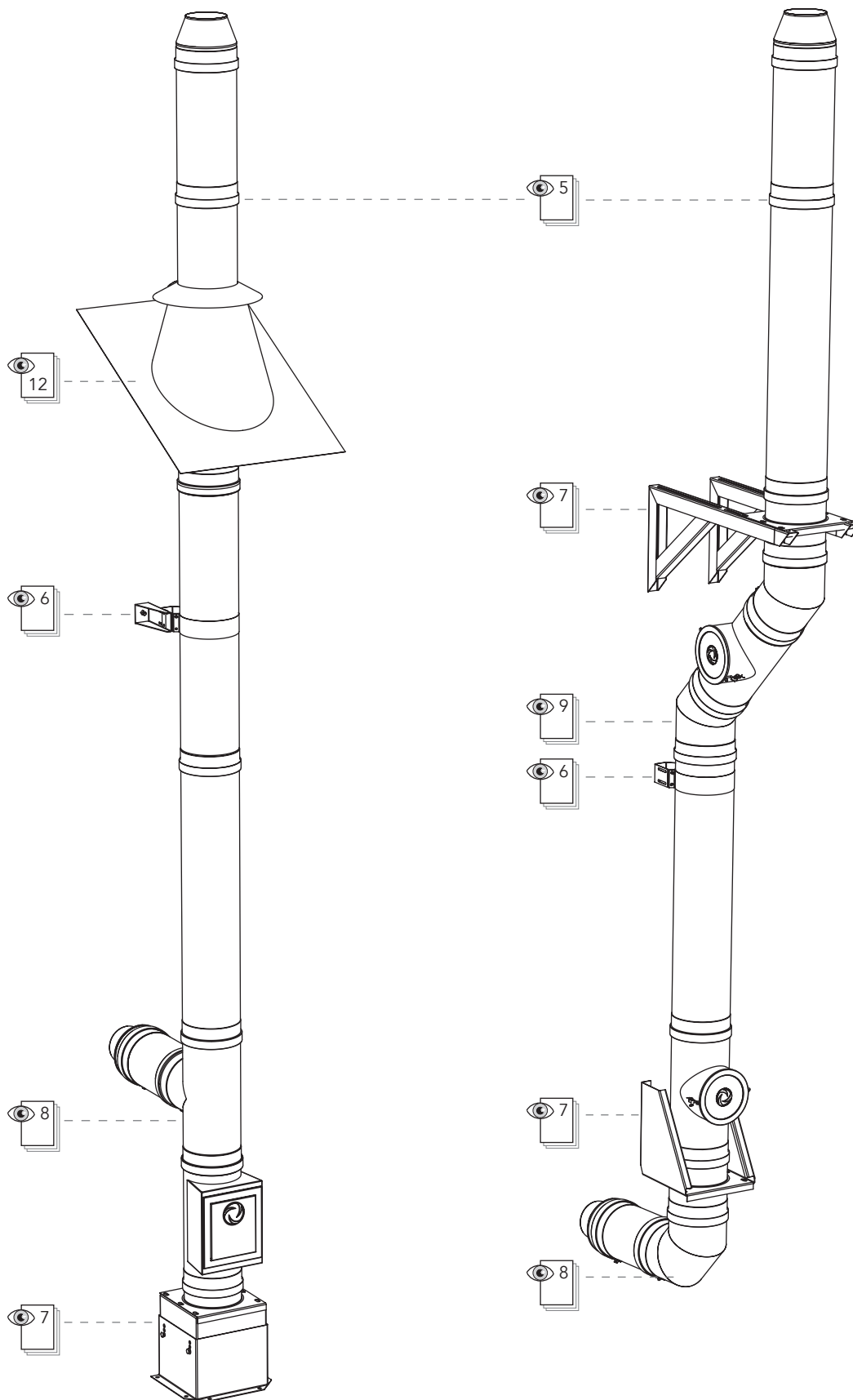
Sørg for, at forbrændingsluften ikke indeholder halogenholdige komponenter (f.eks. fluor, klor osv.). Luft i lukkede rum (f.eks. svømmehaller, vaskerier, aflakningsvirksomheder) og røggasser med disse komponenter kan medføre korrosion i aftræksanlægget.

IT Generalità

L'installazione del circuito di scarico deve essere eseguita in conformità alle disposizioni e norme nazionali e regionali in materia di legislazione edilizia. Si consulti eventualmente con le autorità competenti (p.e. responsabile distrettuale degli spazzacamini).

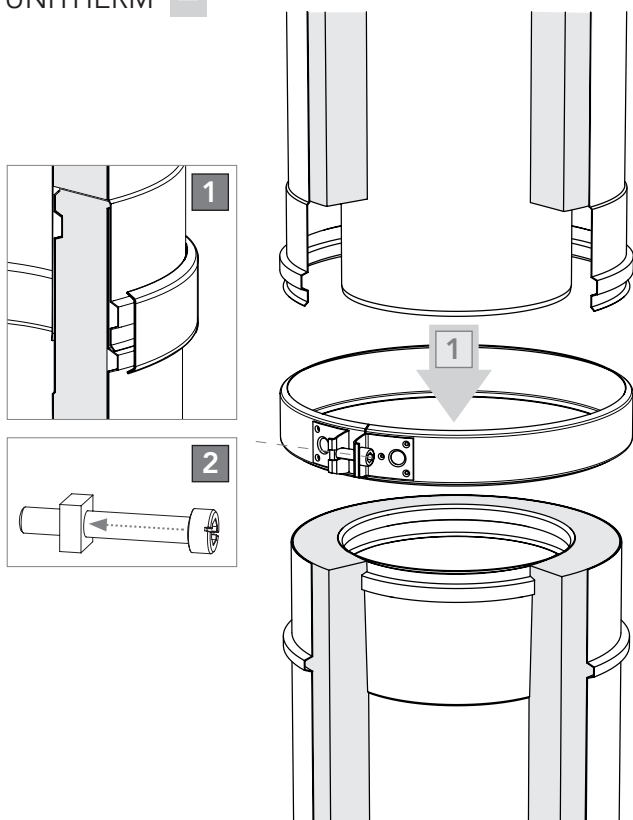
È necessario fare attenzione che nell'aria di combustione non siano presenti componenti alogenati (p.e. fluoro, cloro, etc.). La copresenza in luoghi chiusi (p.e. piscine, impianti di lavaggio, imprese di sverniciatura) di aria e gas di scarico contenenti questi componenti può condurre alla corrosione del circuito di scarico stesso.

UNITHERM

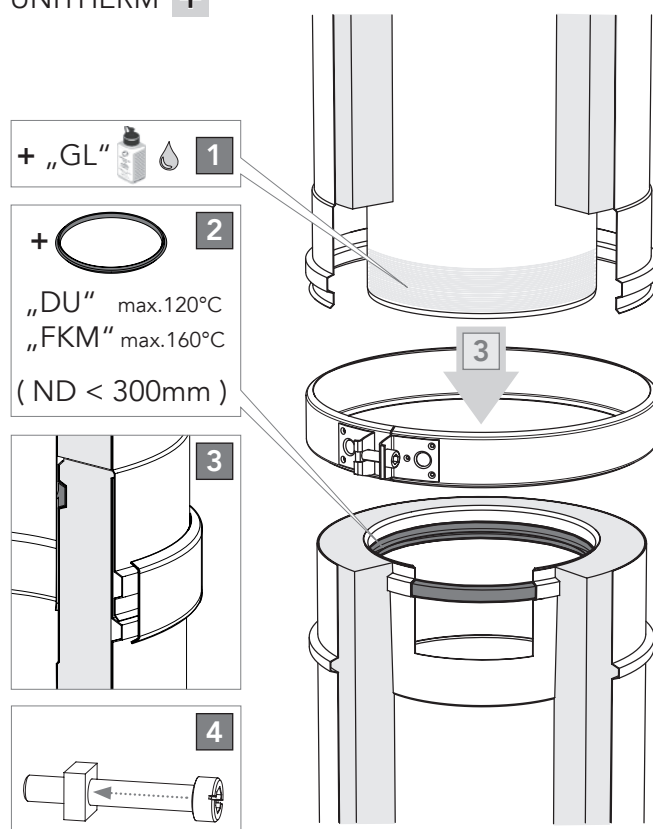


 UNITHERM - +

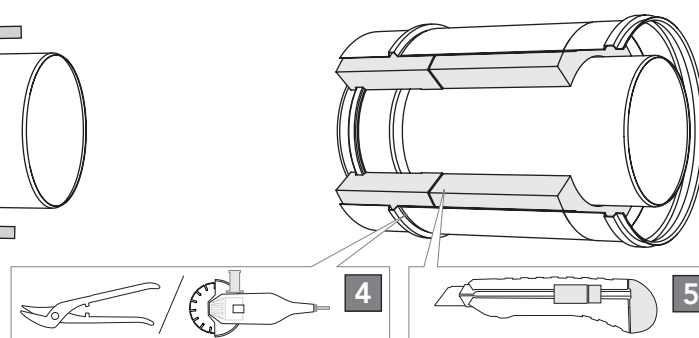
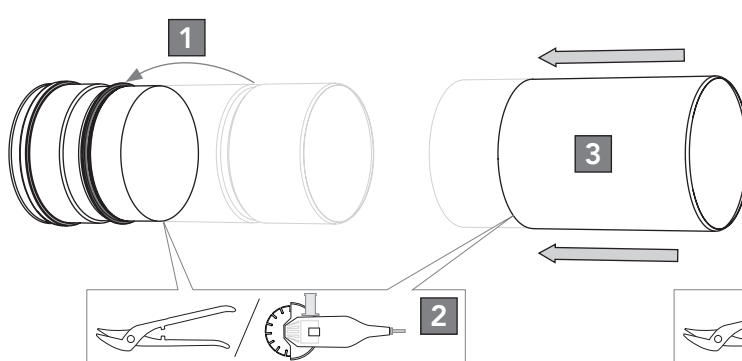
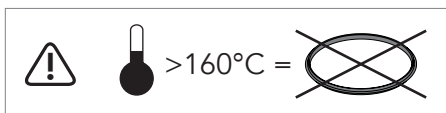
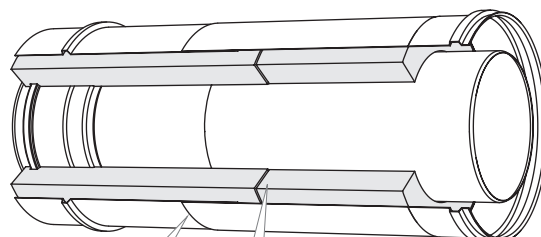
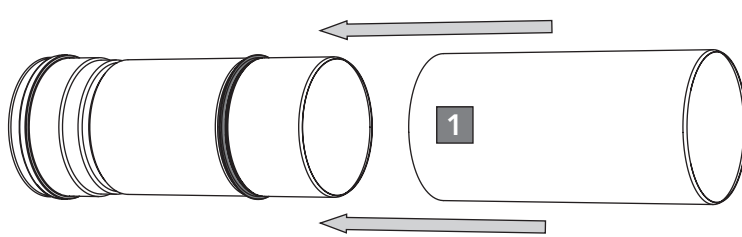
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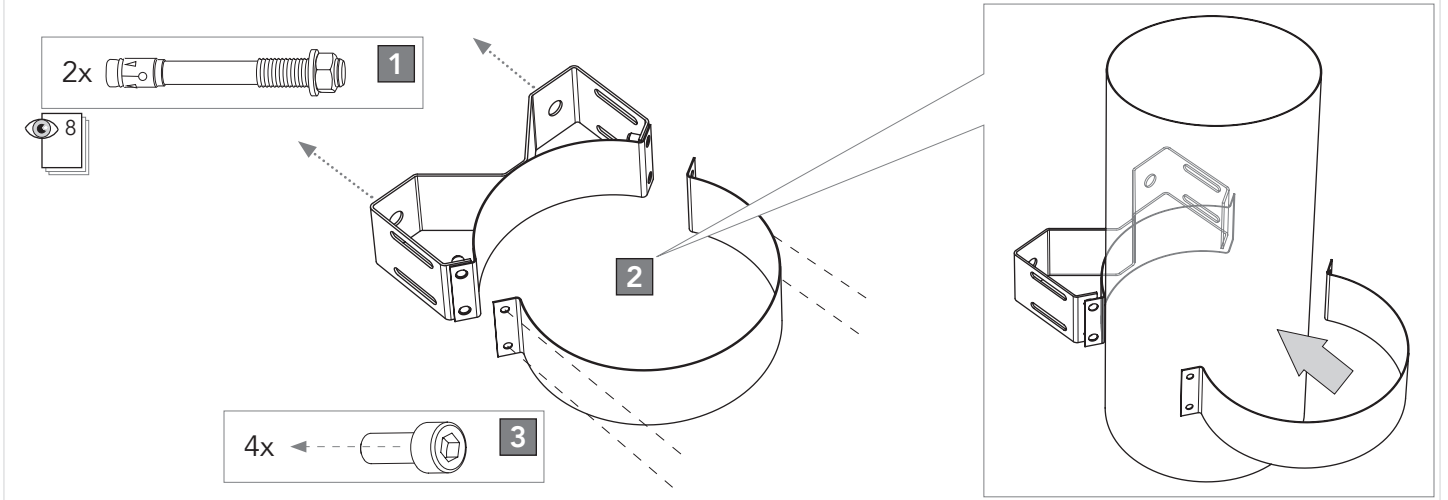
UNITHERM +



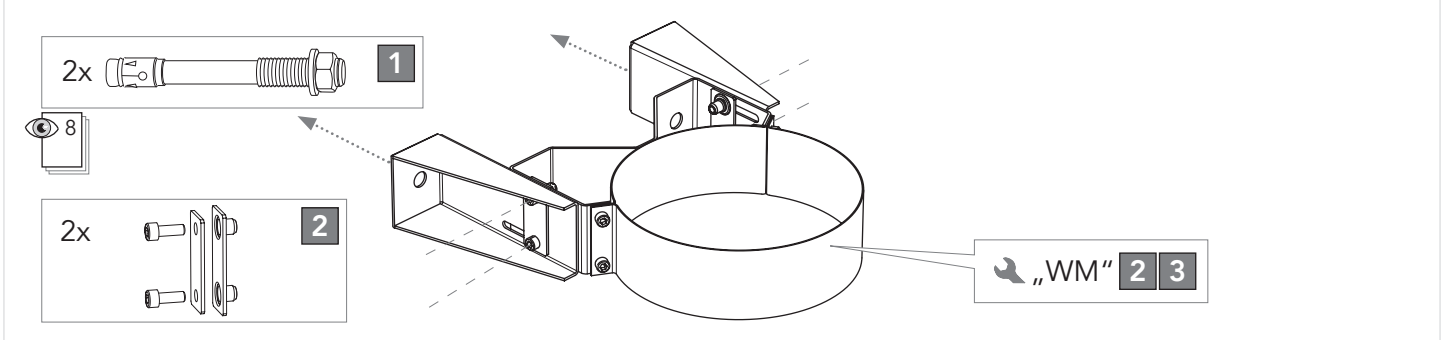
 „AL”



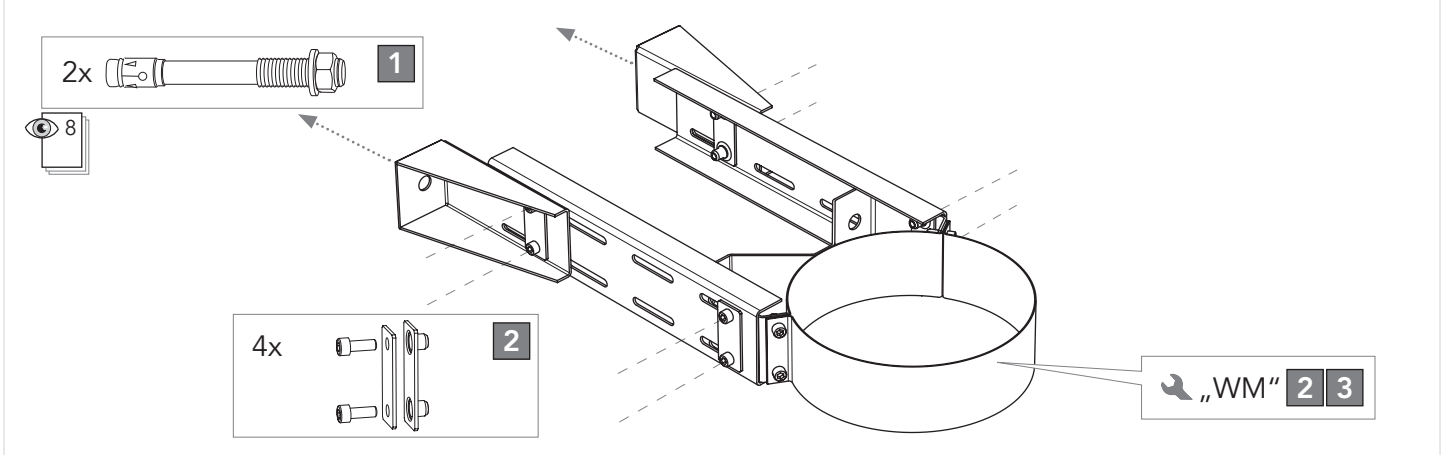
 „WM“



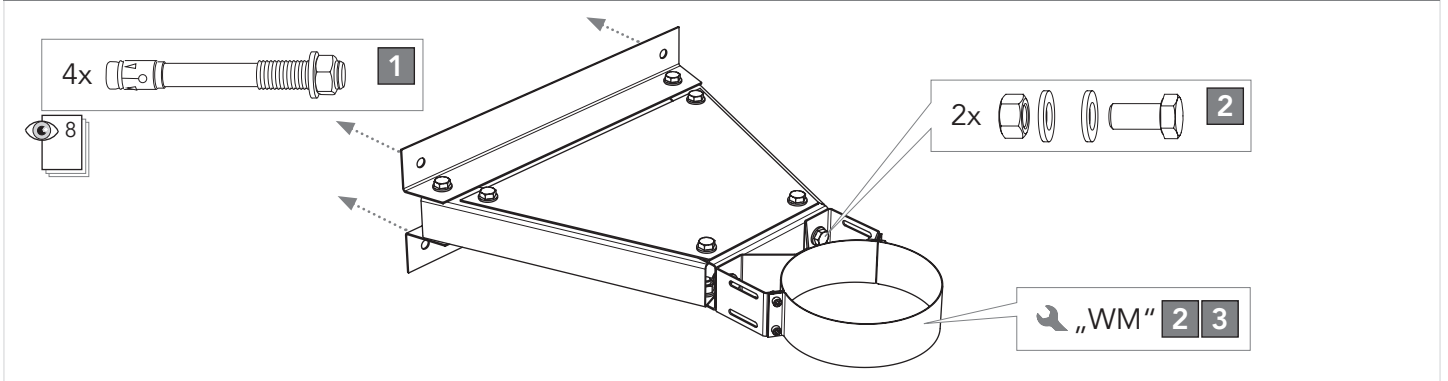
 „VP1“



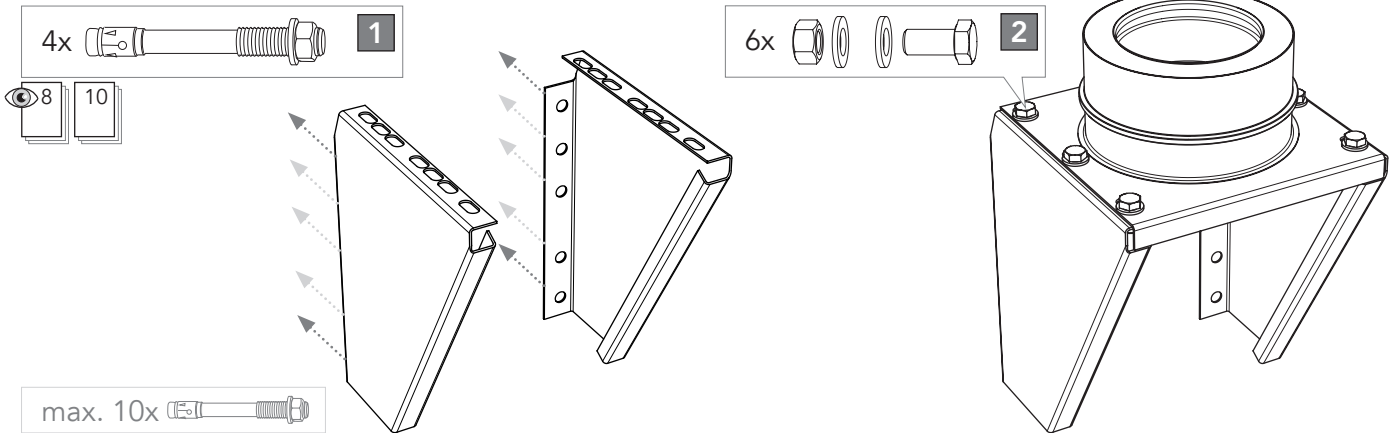
 „VP2“



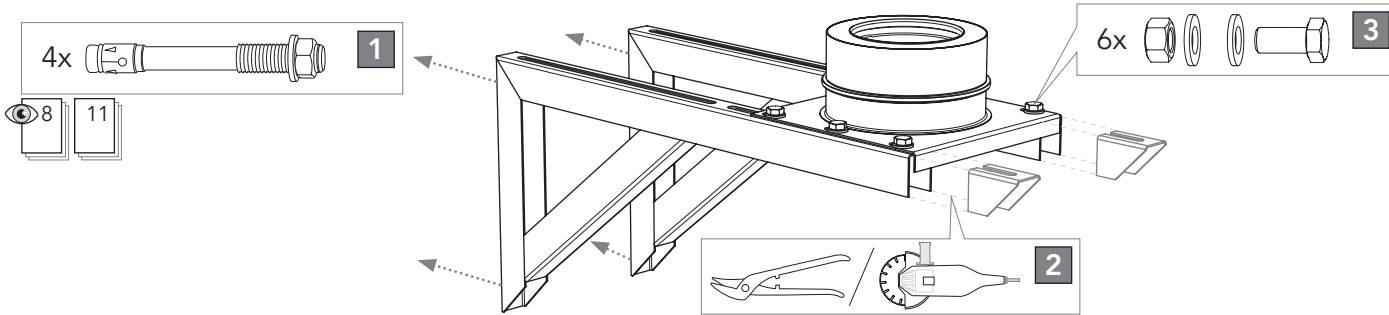
 „TP“



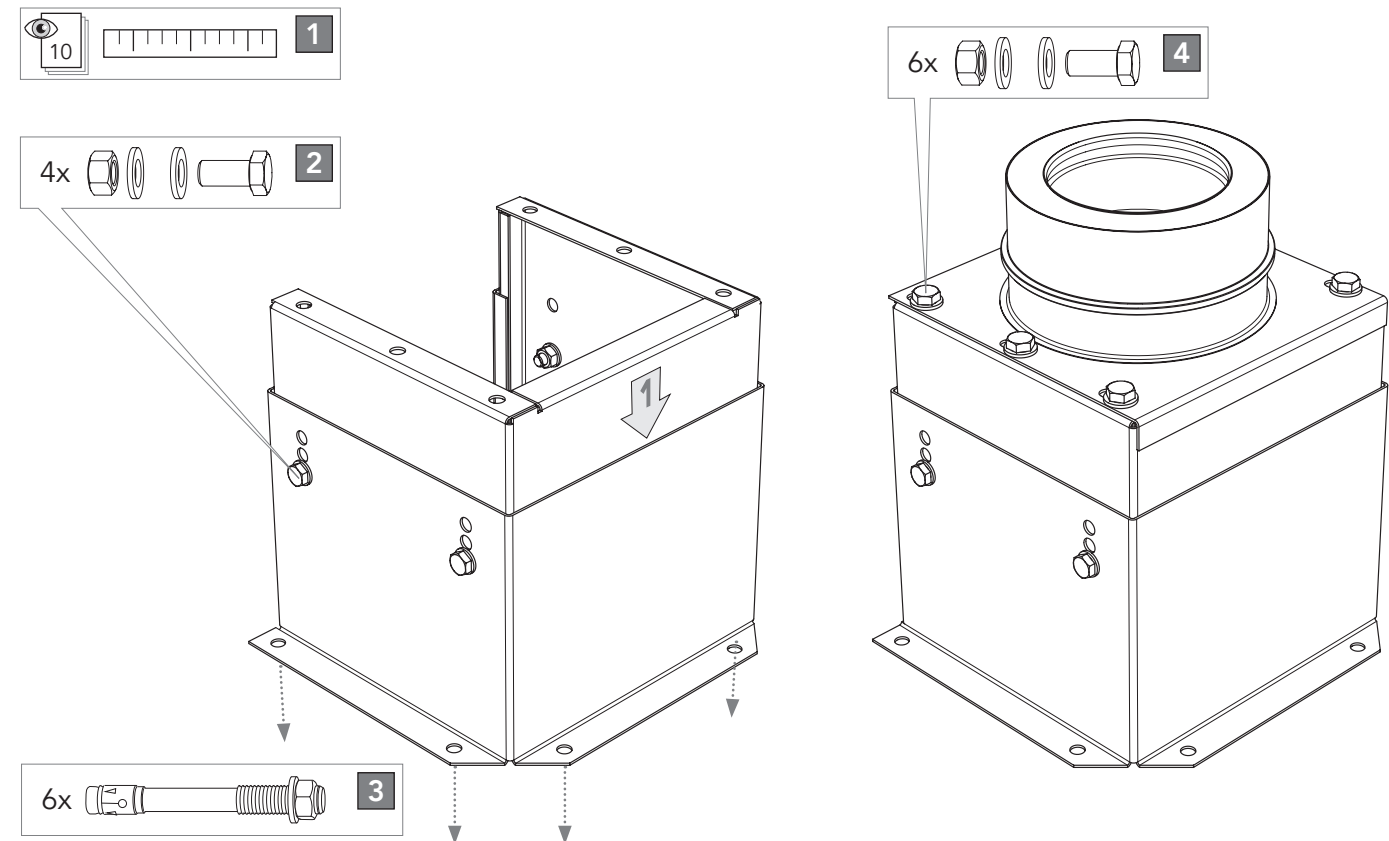
 „WK“



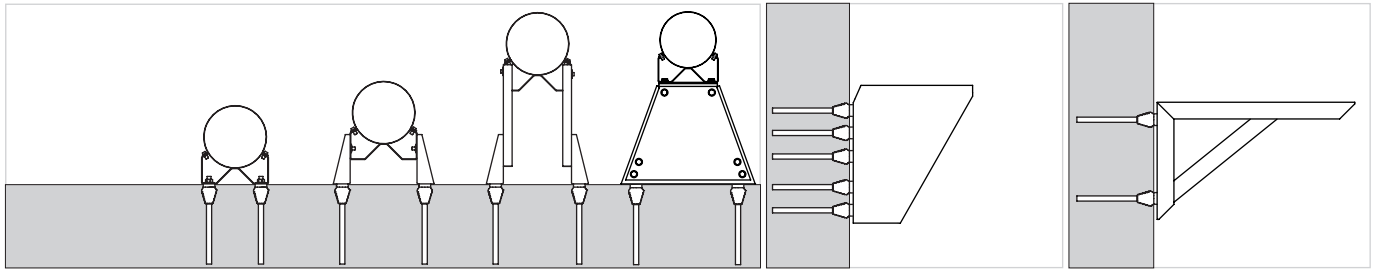
 „VK“




 „BS“ / „BSL“

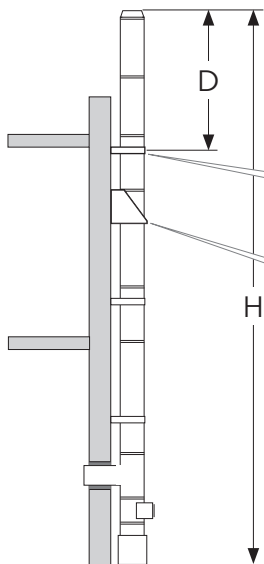







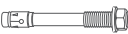


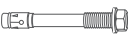
kN / 


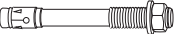








ND	50 mm	<130 mm	130-300 mm	300-600 mm	50 mm	<130 mm	130-300 mm	300-600 mm
80	0,49	0,50	0,85	0,49	0,40	1,53	1,94	3,37
113	0,55	0,55	0,95	0,61	0,43	1,53	2,50	4,25
130	0,56	0,60	0,95	0,61	0,47	1,49	2,43	4,13
150	0,62	0,67	1,03	0,67	0,52	1,54	2,68	4,52
180	0,68	0,71	1,09	0,74	0,50	1,76	3,00	5,00
200	0,72	0,77	1,14	0,79	0,52	1,18	3,20	5,28
250	0,83	0,93	1,27	0,92	0,56	1,09	3,42	5,53
300	0,95	1,04	1,41	1,08	0,58	1,30	3,83	6,09
350	1,05	1,20	1,51	1,17	0,62	0,93	2,25	3,37
400	1,21	1,31	1,68	1,41	0,65	0,70	1,89	2,79
500	1,44	1,53	1,93	1,67	0,70	0,60	1,83	2,64
600	1,60	1,64	2,15	1,92	0,73	0,57	1,90	2,70

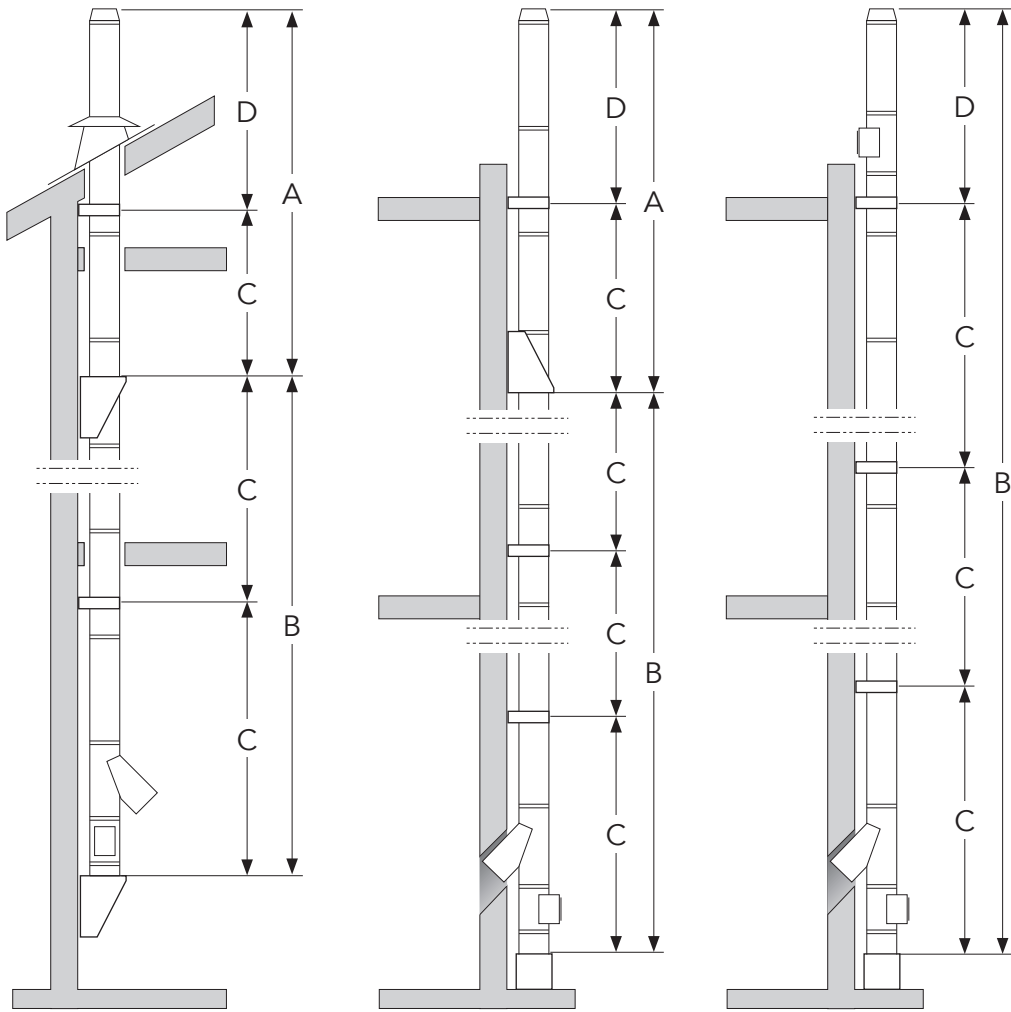
H = 8m - 20m : kN / 






-  H > 20m: kN /  x 1,38
-  H < 8m: kN /  x 0,63
-  D > 2m: kN /  x f $f = \frac{D + 2m}{4m}$
-  „WK“  : kN /  x 1,50

-    Der dargestellte Dübel dient als Beispiel. Bitte wählen Sie die geeignete Befestigungstechnik, die den Dübelanschlusskräften entspricht.
-  The pictured dowel serves as an example. Please choose the appropriate fastening method, which corresponds to the connection forces of the dowel.
-  La cheville représentée n'est qu'un exemple. Veuillez choisir une technique de fixation appropriée et correspondant aux forces de fixation de la cheville.
-  De afgebeelde plug is een voorbeeld. Gelieve de geschikte bevestigingstechniek te gebruiken die overeenstemt met de aansluitingskrachten van de plug.
-  Den viste dyvel er et eksempel. Vælg den passende fastgørelsesteknik i henhold til dyveltilslutningskræfterne.
-  Il tassello qui rappresentato ha solo scopi illustrativi. In base alla tecnica di montaggio, si prega si scegliere il tassello di fissaggio adeguato.

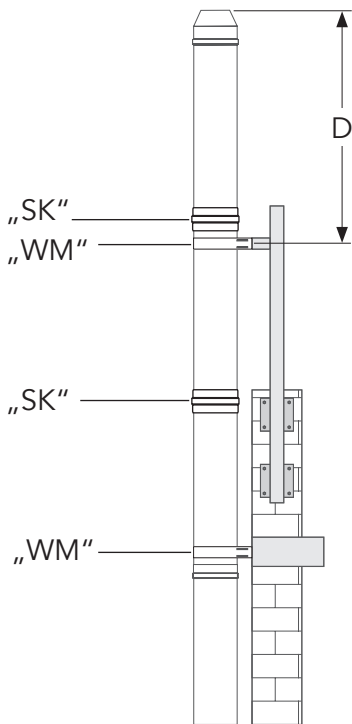
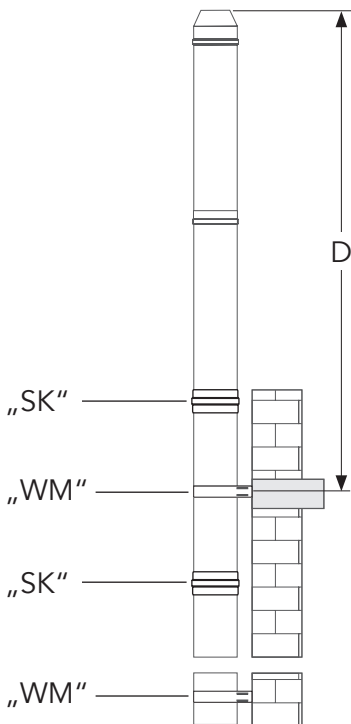
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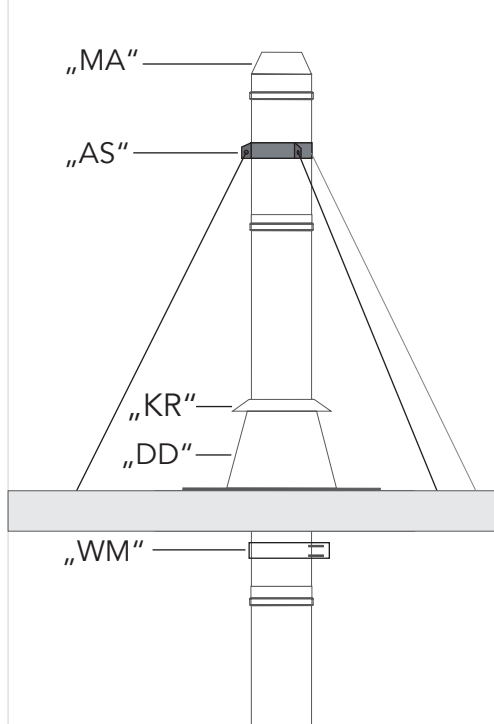
-  C = max. 4m
-  D = max. 3m
-  D > 2m → „SK“

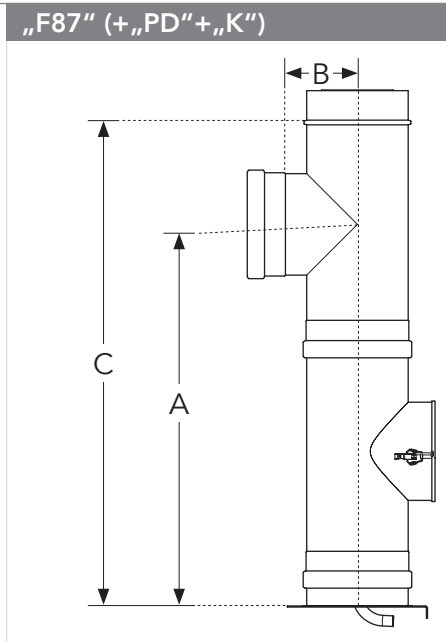
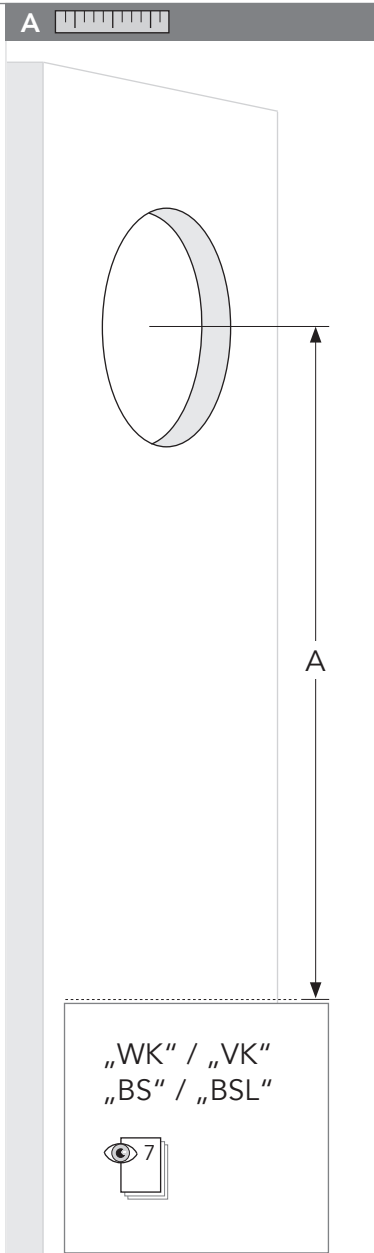
ND mm	A / B max.
80	50 m
113	37 m
130	37 m
150	35 m
180	31 m
200	25 m
250	20 m
300	29 m
350	24 m
400	17 m
500	13 m
600	9 m

„SK“



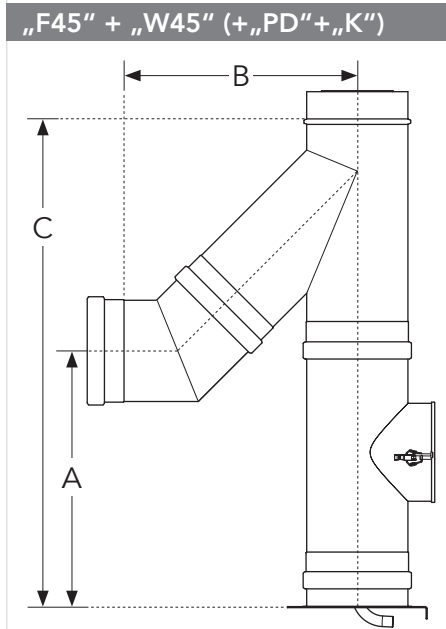
„AS“





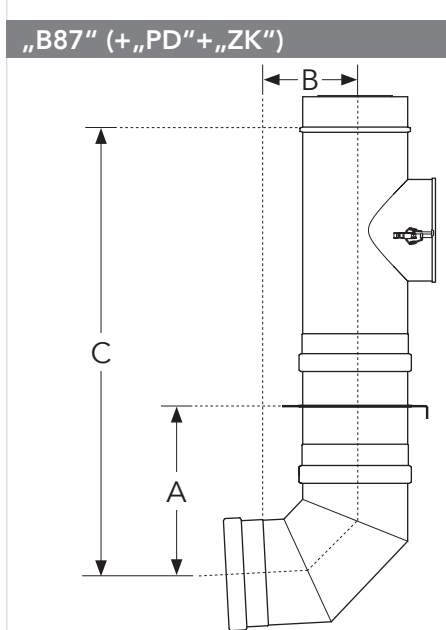
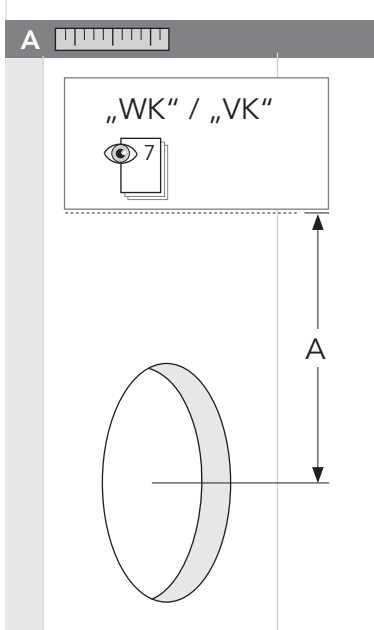
ND	A	B	C
113	721	138	961
130	721	138	961
150	721	148	961
180	721	163	961
200	721	173	961
250	721	198	961
300	853	223	1211
350	853	248	1211
400	858	283	1211
500	983	333	1461
600	983	383	1461

ND / A / B / C = „mm“ (+/-3mm)



ND	A	B	C
113	472	439	961
130	472	439	961
150	545	458	1127
180	539	482	1127
200	536	439	1127
250	496	684	1211
300	479	726	1211
350	586	769	1516
400	561	827	1516
500	714	909	1516
600	700	979	1516

ND / A / B / C = „mm“ (+/-3mm)

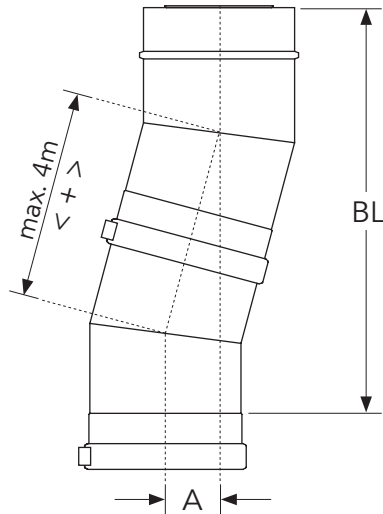
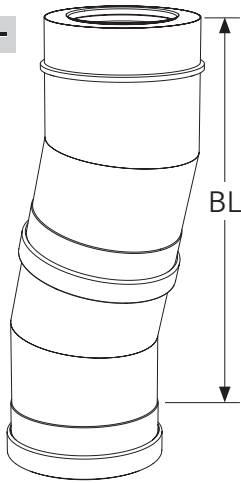


ND	A	B	C
80	229	194	752
113	257	222	780
130	257	222	780
150	263	231	789
180	278	246	804
200	187	255	813
250	312	280	835
300	335	303	861
350	359	327	885
400	388	356	914
500	435	403	961
600	482	450	1008

ND / A / B / C = „mm“ (+/-3mm)

2x „W15“ $\sphericalangle = 15^\circ$

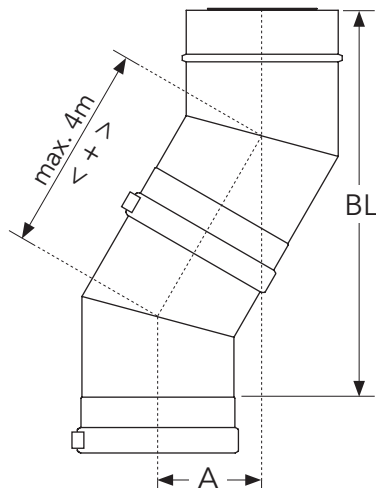
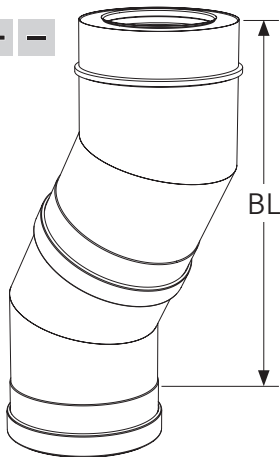
+ -



ND	BL	A	<+>
80-200 250-600	511 838	67 110	„W15“
80-200 250-600	765 1091	135 178	„W15“ + „333“
80-200 250-600	926 1253	179 222	„W15“ + „500“
80-200 250-600	1409 1736	308 351	„W15“ + „1000“
80-200 250-600	926 1253	179 222	„W15“+ „P“

2x „W30“ $\sphericalangle = 30^\circ$

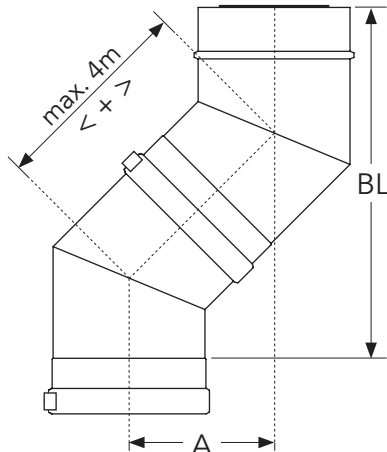
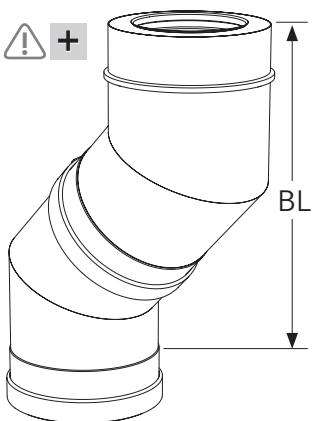
+ -



ND	BL	A	<+>
80-200 250-600	485 795	130 213	„W30“
80-200 250-600	713 1023	262 345	„W30“ + „333“
80-200 250-600	858 1167	345 428	„W30“ + „500“
80-200 250-600	1291 1600	595 678	„W30“ + „1000“
80-200 250-600	858 1167	345 428	„W30“+ „P“

2x „W45“ $\sphericalangle = 45^\circ$

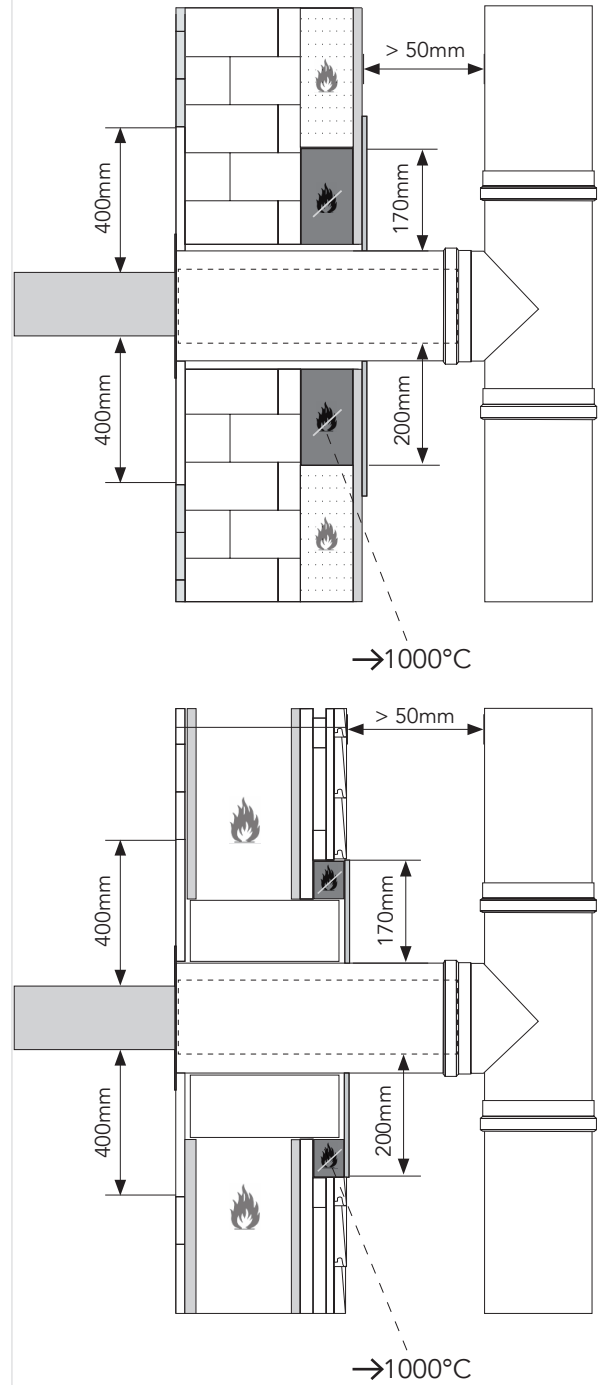
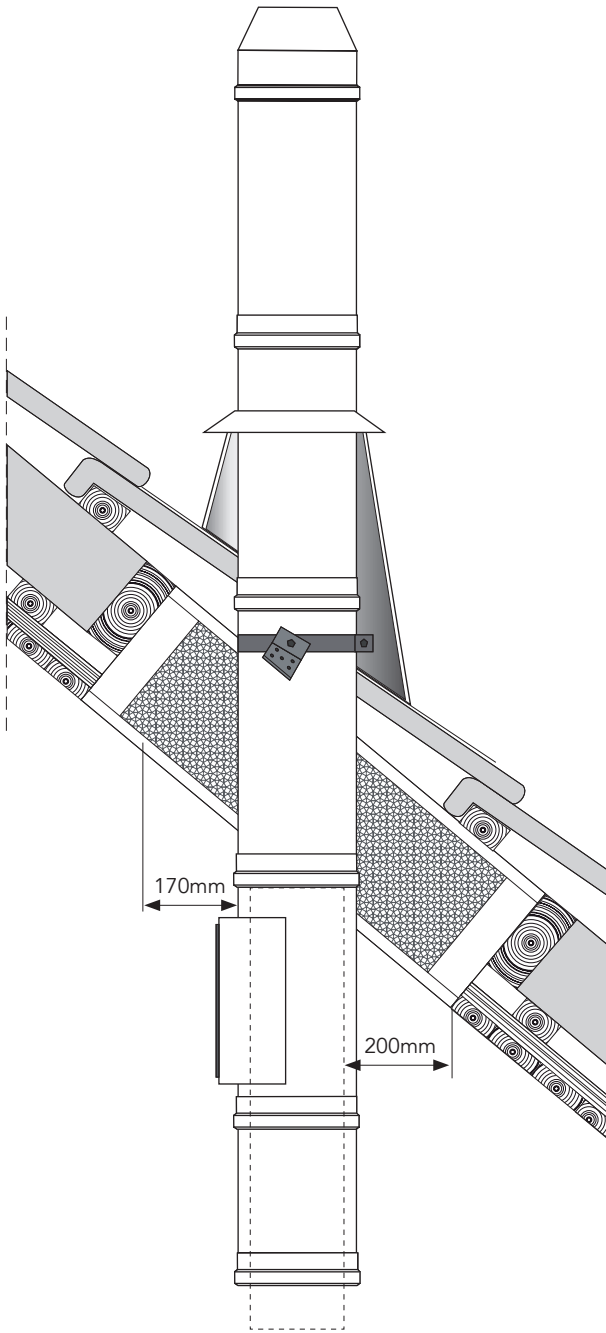
! +



ND	BL	A	<+>
80-200 250-600	444 727	184 301	„W45“
80-200 250-600	630 913	370 487	„W45“ + „333“
80-200 250-600	748 1031	488 605	„W45“ + „500“
80-200 250-600	1101 1385	841 959	„W45“ + „1000“
80-200 250-600	748 1031	488 605	„W45“+ „P“



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ND ↔ = 200mm

DE Beispiel: DIN 18160-1. Die jeweils geltenden baurechtlichen Vorschriften sowie Brandschutzvorschriften sind zu beachten.

EN Example: DIN 18160-1. Any valid building regulations and fire safety regulations should be observed.

FR Exemple: DIN 18160-1. Respecter les dispositions en matière de règlement de la construction et les dispositions relatives à la protection contre les incendies !

NL Voorbeeld: DIN 18160-1. Het is noodzakelijk om de voorschriften ivm bouwrecht en brandbeveiliging in acht te nemen.

DA Eksempel: DIN 18160-1. De gældende byggetekniske forskrifter og brandsikkerhedsforskrifter skal overholdes.

IT Esempio: DIN 18160-1. Le rispettive disposizioni in materia di legislazione edilizia e norme antincendio vigenti devono essere rispettate.