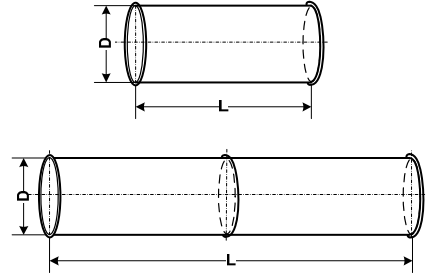




Mat. verzinkt / galvanisé



NW	s= mm	1 m Rohr	2 m Rohr	zusätzliche Rundfalte
80	0.62	25.80	59.60	8.00
100	0.62	27.50	63.00	8.00
120	0.62	26.00	60.40	8.50
125	0.62	27.50	63.00	9.00
140	0.62	29.20	67.50	9.00
150	0.62	29.80	68.70	9.00
160	0.62	30.30	60.60	10.60
180	0.62	30.30	60.60	10.60
200	0.62	31.50	63.00	10.60
225	0.75	36.50	72.90	12.60
250	0.75	37.20	74.40	13.80
280	0.75	43.50	86.90	14.80
300	0.75	43.50	86.90	14.80
315	0.75	44.60	89.30	17.00
350	0.75	48.10	96.10	19.10
355	0.75	50.20	111.80	20.20
400	0.87	59.90	143.50	23.40
450	0.87	66.50	159.80	25.70
500	0.87	71.80	172.60	29.20
560	0.87	83.90	204.80	34.10
600	0.87	87.50	211.10	35.00
630	0.87	94.50	228.60	39.60
650	0.87	96.80	236.80	42.10
700	1.00	9.40	251.90	45.50
710	1.00	105.00	258.90	46.70
750	1.00	112.00	274.10	50.20
800	1.00	132.90	319.50	52.50
850	1.00	137.70	332.40	54.80
900	1.00	162.10	384.80	59.60
950	1.00	179.60	422.10	63.00
1000	1.00	199.50	468.80	68.80

2m Rohr von NW 180 - 400 ohne Rundfalz

Preisberechnung:

bis 0.2m = 1m Rohr x 0.65
 bis 0.5m = 1m Rohr x 0.80
 von 0.51m bis 1.00m = 1m Rohr
 von 1.01m bis 1.25m = 1m Rohr x 1.5
 von 1.26m bis 1.50m = 1m Rohr x 1.7
 von 1.51m bis 2.00m = 2m Rohr

Bei Bestellung Enden angeben

EB = Einfachbord

DB = Doppelbord

FB = Flanschbord

GL = glatt (Rohrgrösse)

**Enden: Standard bei 1m Rohr
EB/DB**

Tube d'une longueur de 2.0m pour le
D 180-400mm = sans agrafe circulaire

Méthode de calcul des prix:

Longueur jusqu'à 0.2m = 1m de tube x facteur 0.65
 Longueur jusqu'à 0.5m = 1m de tube x facteur 0.80
 Longueur de 0.51m – 1.00m = 1m de tube
 Des 1.01m jusqu'à 1.25m = 1m de tube x facteur 1.5
 Des 1.26m jusqu'à 1.50m = 1m de tube x facteur 1.7
 Des 1.51m jusqu'à 2.00m = 2m de tube

Extrémités indiquer sur la commande.

EB = bord simple

DB = bord double

FB = Bord pour flasques

GL = lisse (diamètre du tube)

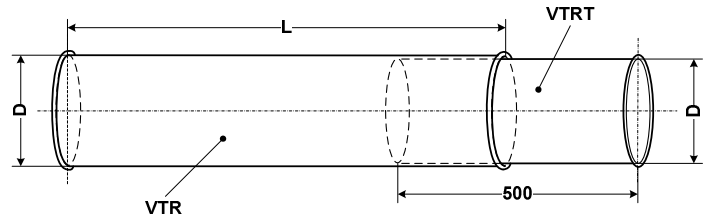
**Extrémités: standard pour 1m de tube
EB/DB**



Längsgefaltete Rohre
 TUBES AGRAFÉS LONGITUDINALEMENT
 Transportbogen gepresst
 Coude Ronds

VTR
 VTRT
 VTB

Mat. verzinkt / galvanisé

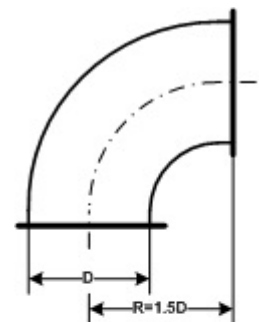


Lagerrohre Enden mit EB/EB

NW	0,5 m Rohr	1 m Rohr	2 m Rohr	Teleskop- rohr L= 0,5 m
	VTR1	VTR2	VTR3	VTRT
80	12.00	18.60	37.10	34.50
100	12.00	18.60	37.10	34.50
120	14.30	22.60	44.30	38.60
125	14.70	23.90	47.00	43.80
140	17.50	27.20	54.80	45.70
150	17.50	27.80	55.90	46.90
160	18.10	29.20	58.60	50.10
180	18.70	30.10	60.80	51.90
200	20.20	33.00	65.70	55.90
220	27.20	39.20	80.20	61.80
225	27.20	41.00	82.40	61.80
250	27.20	41.00	82.40	64.20
280	29.60	47.40	94.80	73.00
300	29.60	47.40	94.80	73.00
315	36.00	59.90	120.00	88.40

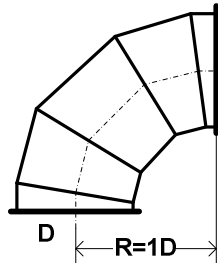
Das Teleskoprohr wird inkl. spez. Spannring (schwarze Dichtung) geliefert.

NW	VTB90	VTB60	VTB45	VTB30	VTB15
	90°	60°	45°	30°	15°
80	16.80	15.40	14.50	14.10	13.40
100	16.80	15.40	14.50	14.10	13.40
120	24.60	21.50	18.60	16.00	14.90
125	30.40	26.70	21.80	17.20	15.10
140	32.30	27.60	24.90	20.50	15.50
150	32.30	27.60	24.90	20.50	15.50
160	48.70	46.60	35.50	28.90	20.00
180	72.10	67.10	46.40	36.50	28.10
200	74.90	68.10	48.70	38.30	32.40
220	112.00	99.00	71.30	54.30	33.20
225	112.00	99.00	71.30	54.30	33.20
250	112.00	99.00	71.30	54.30	33.20
280	133.30	125.60	81.80	65.90	48.70
300	133.30	125.60	81.80	65.90	48.70
315	174.40	157.90	111.30	85.10	54.90

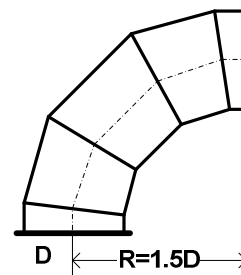


Bogen, R = 1,5D
 Coudes, R = 1,5D

VTBF



VTBFS



Segmentfalze sind geschlossen.
Enden: Standard = EB/EB

Les agrafes des segments sont fermees
Extremites: standard = EB/EB

	Rohrbogen 90°		Rohrbogen 60°		Rohrbogen 45°		Rohrbogen 30°	
	VTBFS90	VTBF90	VTBFS60	VTBF60	VTBFS45	VTBF45	VTBFS30	VTBF30
N W	1.5 D	1 D	1.5 D	1 D	1.5 D	1 D	1.5 D	1 D
80	56.70	53.40	47.80	44.30	38.20	36.00	34.80	32.60
100	56.70	53.40	47.80	44.30	38.20	36.00	34.80	32.60
120	56.70	53.40	47.80	44.30	38.20	36.00	34.80	32.60
125	57.80	54.40	48.60	45.20	38.90	36.70	35.50	33.20
140	59.60	54.90	49.20	45.70	39.50	37.40	36.20	33.90
150	59.60	54.90	49.20	45.70	39.50	37.40	36.20	33.90
160	60.10	55.50	49.70	46.40	40.00	37.70	36.70	34.40
180	61.20	56.00	50.30	46.90	40.70	38.30	37.40	35.00
200	63.00	57.20	52.50	47.90	42.10	39.70	38.00	35.60
225	67.10	60.70	55.50	50.80	45.00	41.40	40.30	37.40
250	70.00	63.70	58.40	52.50	46.70	43.20	42.60	39.10
280	74.70	68.80	64.70	56.00	50.20	46.20	45.00	41.40
300	92.70	85.00	76.70	70.10	63.00	57.00	57.00	51.10
315	103.40	94.50	86.20	76.70	68.90	63.00	61.90	57.00
350	112.90	103.40	95.60	85.00	79.00	71.30	66.60	60.70
355	112.90	103.40	95.60	85.00	79.00	71.30	66.60	60.70
400	142.60	128.30	118.80	107.00	95.10	86.70	85.60	77.30
450	152.10	140.20	127.20	114.10	101.00	91.60	91.60	83.20
500	165.20	152.10	139.10	127.20	110.50	99.80	98.60	90.40
560	250.70	225.80	211.50	175.80	166.40	154.50	152.10	136.70
600	255.50	234.10	219.80	194.90	177.00	160.40	158.00	143.80
630	281.60	256.70	241.20	213.90	179.50	162.80	160.40	145.00
650	293.50	263.80	249.50	223.30	183.00	166.40	162.80	147.30
700	333.90	300.60	284.00	255.50	202.00	180.70	173.50	155.70
710	365.90	330.30	312.40	280.40	221.00	198.50	180.70	161.60
750	423.00	380.20	360.00	323.20	253.00	192.50	190.10	171.10
800	470.50	424.20	400.40	360.00	284.00	255.50	211.50	190.10
850	539.60	483.90	460.50	413.60	325.10	292.10	242.90	218.80
900	621.80	558.50	528.80	475.70	373.20	461.20	280.20	251.70
950	685.90	616.00	583.30	524.40	412.40	370.40	308.70	277.00
1000	751.30	676.20	676.20	576.90	393.30	406.10	339.10	304.90

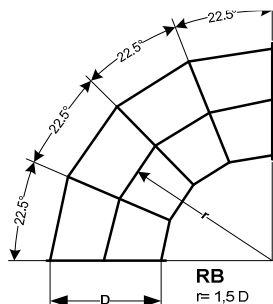


Segmentfalze sind geheftet. Geschlossen = Faktor 1.4

Enden: Standard = EB/DB

Les agrafes des segments sont pliées, fermées = facteur 1.4

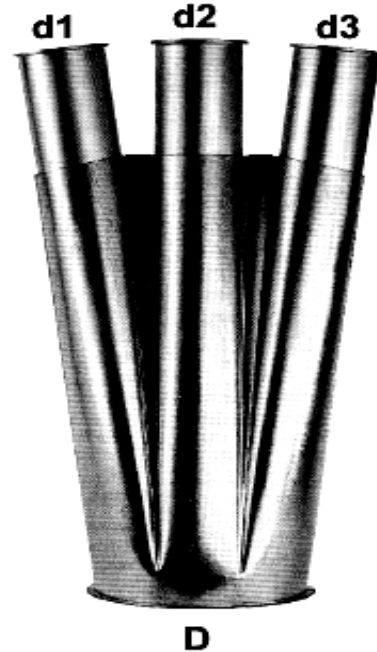
Extrémités : standard = EB/DB



	RB 90°	RB 67.5°	RB 45°	RB 22.5°
NW	1,5 D verz.	1,5 D verz.	1,5 D verz.	1,5 D verz.
80	56.10	48.40	34.10	25.30
100	56.10	48.40	34.10	25.30
120	56.10	48.40	34.10	25.30
125	56.60	48.40	33.90	25.70
140	56.60	48.40	33.90	25.70
150	56.60	48.40	33.90	25.70
160	60.10	51.40	36.20	26.90
180	60.10	51.40	36.20	26.90
200	63.00	53.70	37.90	28.60
225	67.70	57.20	40.30	30.40
250	69.40	59.50	41.40	31.50
280	75.60	64.20	45.80	33.80
300	80.20	68.70	48.10	36.70
315	88.20	75.60	53.30	40.10
350	101.90	86.50	61.30	45.80
400	129.20	110.20	78.00	58.50
450	149.20	126.90	89.10	66.80
500	171.50	145.90	102.40	76.80
560	192.60	164.80	116.90	86.90
600	213.70	181.50	128.00	96.90
630	234.90	199.30	140.30	106.90
650	246.00	210.40	147.00	110.20
700	281.60	239.30	169.20	126.90
750	355.10	302.80	213.70	160.30
800	396.30	337.30	239.30	178.10

Die Addition der Preise aller vorkommender Durchmesser ergibt den Gesamtpreis.
L'addition des prix pour tous les diamètres prévalent donne le prix complet.

D, d1, d2, etc	Preis
80	54.20
100	60.60
120	67.70
125	67.70
140	77.00
150	85.10
160	89.20
180	92.10
200	94.50
225	102.10
250	110.80
280	122.40
300	128.30
315	135.30
350	151.60
355	152.00
400	165.60
450	180.70
500	207.60



Bei Bestellung Enden angeben

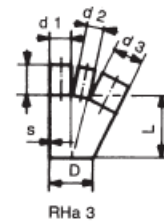
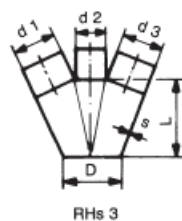
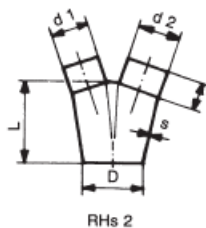
EB= Einfachbord
DB= Doppelbord
FB= Flanschbord
GL= glatt (Schlauchstutzen aussen)

Typen

Extrémités à indiquer sur la commande

EB= bord simple
DB= bord double
FB= bord flasque
GL= lisse (raccord pour tube flexible)

Types



Bestellhilfe

$\frac{d1}{D} \frac{d2}{D}$

$\frac{d1}{D} \frac{d2}{D} \frac{d3}{D}$

Aide-mémoire pour commande

$\frac{d1}{D} \frac{d2}{D}$

$\frac{d1}{D} \frac{d2}{D} \frac{d3}{D}$

Bei Bestellung Enden angeben

Extrémités à indiquer sur la commande

EB= Einfachbord

EB= *bord simple*

DB= Doppelbord

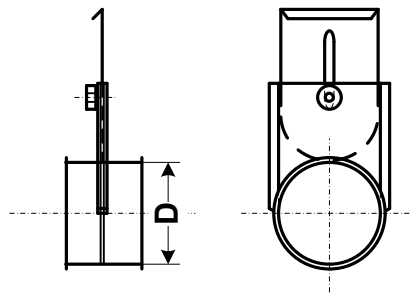
DB= *bord double*

FB= Flanschbord

FB= *bord pour flasques*

GL= glatt (Schlauchanschluss aussen)

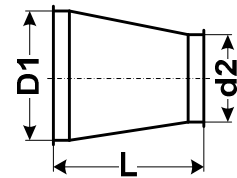
GL= *lisse (Racord pour tube flexible)*



NW	verzinkt	V2A 1.4301
60	SFr. 72.50	SFr. 182.00
80	SFr. 67.50	SFr. 174.00
100	SFr. 67.50	SFr. 177.00
120	SFr. 67.50	SFr. 179.00
125	SFr. 67.50	SFr. 179.00
140	SFr. 68.50	SFr. 182.00
150	SFr. 68.50	SFr. 182.00
160	SFr. 71.00	SFr. 184.00
180	SFr. 80.00	SFr. 205.00
200	SFr. 82.00	SFr. 209.00
225	SFr. 91.00	SFr. 219.00
250	SFr. 109.00	SFr. 239.00
280	SFr. 136.00	SFr. 265.00
300	SFr. 151.00	SFr. 312.00
315	SFr. 162.00	SFr. 334.00
350	SFr. 165.00	SFr. 361.00
355	SFr. 173.00	SFr. 368.00
400	SFr. 253.00	SFr. 414.00
450	SFr. 265.00	SFr. 458.00
500	SFr. 296.00	SFr. 502.00

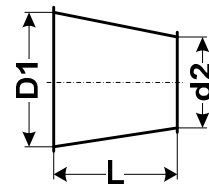
Mat. verzinkt / galvanisé

NW	Reduktion zentrisch	Reduktion exzentr.
	VTRCL	VTRCE
100	42.10	50.50
120	42.10	50.50
125	42.10	50.50
140	43.00	51.60
150	43.30	51.90
160	44.10	53.00
180	45.80	54.90
200	49.40	59.00
225	53.00	63.50
250	53.40	74.60
280	54.40	65.10
300	54.60	65.60
315	56.50	67.80
350	56.70	68.30
355	57.30	69.10
400	58.00	69.50
450	58.50	76.10
500	64.60	77.90
560	90.50	108.60
600	92.60	111.50
630	96.60	115.80
650	98.20	117.90
700	104.30	125.10
710	105.70	126.90
750	108.60	131.20
800	114.10	137.80
900	118.00	142.30
1000	130.00	156.50



$$L = D - d + 130$$

$$(D - d \leq 50) L = 180$$



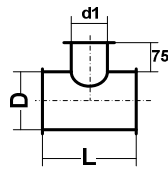
Ohne Stutzen
Preis x 0.7
L = 100 – 250 mm



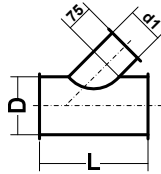
Abzweiger 90° / 45° / 30°
TES 90° / 45° / 30°

VTC

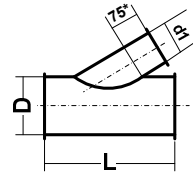
Mat. verzinkt / galvanisé



$L = d1 + 150$
Abzweiger 90°
Tés 90°



$L = (d1:0,7) + 150$
Abzweiger 45°
Tés 45°



$L = (d1:0,5) + 150$
Abzweiger 30°
Tés 30°

*150mm bei Flanschbord / avec bord pour flasque

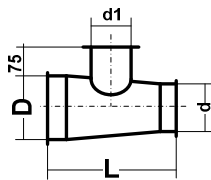
NW	Abzweiger 90° VTC90	Abzweiger 45° VTC45	Abzweiger 30° VTC30
80	60.00	68.00	74.00
100	60.00	68.00	74.00
120	62.00	70.00	77.00
125	62.00	70.00	77.00
140	66.00	74.00	82.00
150	67.00	75.00	83.00
160	68.00	76.00	84.00
180	74.00	84.00	93.00
200	79.00	90.00	99.00
225	85.00	95.00	104.00
250	92.00	104.00	114.00
280	96.00	109.00	119.00
300	100.00	112.00	123.00
315	112.00	131.00	144.00
350	136.00	169.00	186.00
355	136.00	169.00	186.00
400	146.00	182.00	192.00
450	187.00	233.00	237.00
500	195.00	243.00	267.00
560	216.00	270.00	318.00
600	242.00	302.00	372.00
630	293.00	343.00	392.00
650	306.00	359.00	406.00
700	316.00	372.00	425.00
710	326.00	384.00	435.00
750	379.00	446.00	509.00
800	447.00	526.00	599.00
900	563.00	661.00	754.00
1000	675.00	794.00	905.00



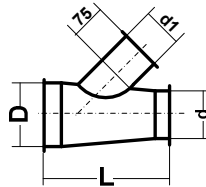
Abzweiger direkt reduziert 90° / 45° / 30°
Tés réduit direct 90° / 45° / 30°

VTCDR

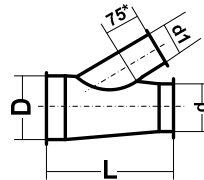
Mat. verzinkt / galvanisé



$L = d1 + 190$
Abzweiger 90°
direkt reduziert
réduit direct



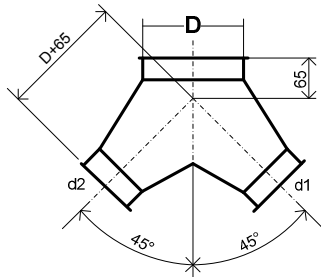
$L = (d1:0,7) + 190$
Abzweiger 45°
direkt reduziert
réduit direct



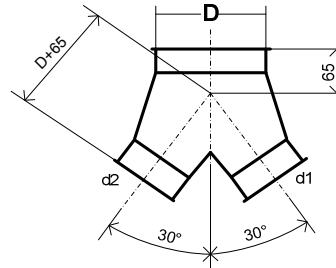
$L = (d1:0,5) + 270$
Abzweiger 30°
direkt reduziert / réduit direct
*150mm bei Flanschbord / avec bord pour flasque

NW	Abzweiger 90° VTCDR90	Abzweiger 45° VTCDR45	Abzweiger 30° VTCDR30
100	77.00	81.00	89.00
120	79.00	83.00	91.00
125	79.00	83.00	91.00
140	83.00	87.00	96.00
150	84.00	88.50	97.50
160	85.00	89.50	98.50
180	94.00	99.00	109.00
200	100.00	105.50	116.00
225	107.00	112.50	123.00
250	116.00	122.50	134.00
280	122.00	128.00	140.00
300	125.00	132.00	145.00
315	146.00	154.00	169.00
350	188.00	198.00	218.00
355	188.00	198.00	218.00
400	204.00	215.00	226.00
450	261.00	275.00	280.00
500	272.00	286.00	315.00
560	302.00	318.00	352.00
600	338.00	356.00	422.00
630	382.00	402.00	454.00
650	397.00	418.00	470.00
700	412.00	434.00	492.00
710	426.00	448.00	503.00
750	494.00	520.00	589.00
800	582.00	613.00	694.00
900	732.00	770.00	872.00
1000	880.00	926.00	1048.00

Mat. verzinkt / galvanisé



Hosenrohr 45°
Culotte 45°

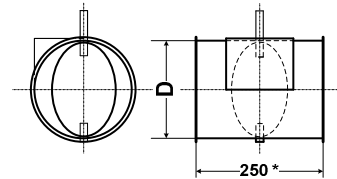


Hosenrohr 30°
Culotte 30°

NW	VTY45	VTY30
	45°	30°
80	93.20	107.20
100	98.40	112.60
125	103.60	118.50
140	104.90	120.00
150	106.50	123.10
160	108.00	124.60
180	115.40	132.00
200	125.20	144.70
225	139.50	162.00
250	147.80	171.00
280	157.50	183.20
300	168.10	190.50
315	174.10	199.50
350	190.50	215.90
400	237.10	379.70
450	282.90	325.60
500	350.10	402.30
560	431.00	496.80
600	478.60	553.30



Mat. verzinkt / galvanisé



Regulierklappe mit Konsole
Clapet de réglage avec support

* L = 350 mm bei Flanschbord und Stellsegment

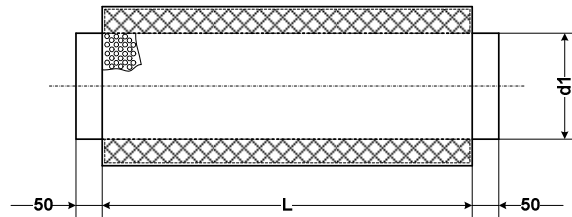
* L = 350 mm avec bord pour flasque et segmentmanuel

	mit Achse 12 mm einseitig ca. 75 mm vorstehend	mit montiertem Stellsegment	1x Einstellung mit Feststellmutter	Mehrpreis verstärkte Ausführung ab NW400 immer verstärkt
NW				
80	83.00	118.00	88.00	x
100	84.00	119.00	89.00	x
120	85.00	120.00	90.00	x
125	85.00	120.00	90.00	x
140	86.00	121.00	91.00	x
150	86.00	121.00	91.00	x
160	87.00	122.00	92.00	x
180	88.00	123.00	93.00	x
200	89.00	124.00	94.00	25.00
225	93.00	128.00	98.00	25.00
250	96.00	131.00	101.00	26.00
280	97.00	132.00	102.00	26.00
300	103.00	138.00	108.00	27.00
315	105.00	140.00	110.00	27.00
350	108.00	143.00	113.00	28.00
355	108.00	143.00	113.00	28.00
400	145.00	180.00	150.00	x
450	152.00	187.00	157.00	x
500	161.00	196.00	166.00	x
plus Belimomotor montiert				
	LM 230 A	LM 230 A-S	NM 230 A	
	157.00	171.00	182.00	
Montage bei angeliefertem Motor				
	LM 230 A	LM 230 A-S	NM 230 A	
	42.00	42.00	42.00	



Mat. verzinkt / galvanisé

Enden: glatt oder EB

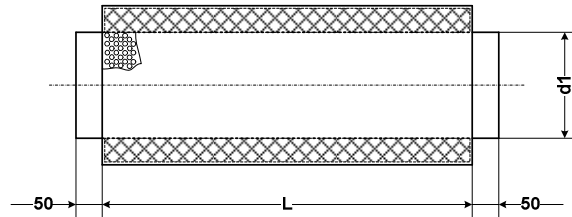


NW	VSDM51	VSDM52	VSDM53
Isolation	50mm	50mm	50mm
	L=0.95m	L=1.45m	L=1.95m
80	229	292	328
100	229	292	328
125	246	318	360
150	263	338	376
160	278	358	401
180	294	372	417
200	294	386	433
224	328	433	491
250	345	445	498
280	363	475	532
300	376	492	553
315	392	508	573
355	441	569	636
400	455	584	655
450	507	686	787
500	553	727	814



Mat. verzinkt / galvanisé

Enden: glatt oder EB



NW	L=0.95m	L=1.45m	L=1.95m
80	263	336	377
100	263	336	377
125	283	366	414
150	302	388	432
160	320	412	461
180	338	428	479
200	338	444	498
224	377	498	564
250	396	511	572
280	417	546	611
300	432	565	636
315	451	584	658
355	507	654	731
400	523	671	753
450	583	788	905
500	636	835	936
560	713	967	1105
600	753	998	1130
630	828	1183	1368
700	888	1215	1390
710	1036	1289	1432
800	1089	1329	1461
900	1142	1484	1668
1000	1353	1747	1963



Schalldämpfung Rohrschalldämpfer, Isolation 100 mm
Mit perforiertem Innenrohr.

