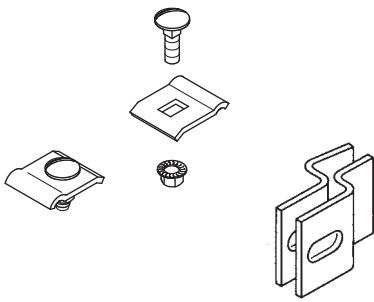
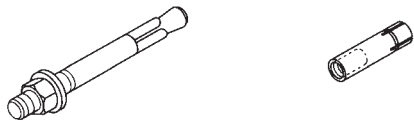
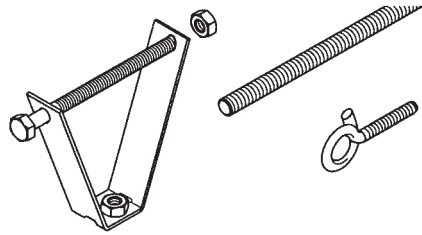
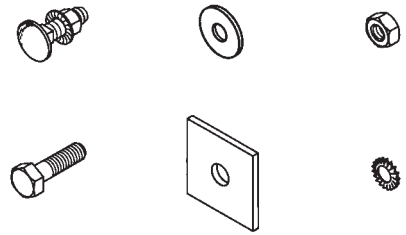
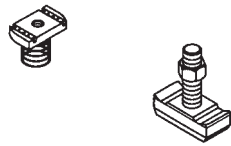


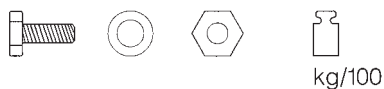
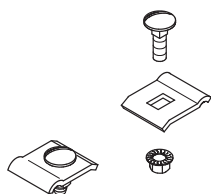
<p>Klemmbefestigungen Fixing clamps Pinces Fijación</p>		<p>G3 - G4</p>
<p>Dübel, Anker Plugs Pitons Tacos</p>		<p>G5 - G6</p>
<p>Abhängemittel Suspensional components Fixation à suspension Accesorios de suspensión</p>		<p>G7</p>
<p>Schraubmittel Bolting fasteners Boulonnerie Tornillos, tuercas</p>		<p>G8 - G11</p>
<p>Ankermuttern, Ankerschrauben Channel nuts and bolts Boulonnerie pour rails Tornillos para teleraíles</p>		<p>G12 - G14</p>



Klemmbefestigungen

Clamps
 Crapauds
 Fijación

KLU



S F E

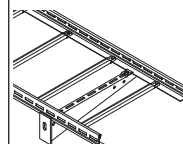
KLU FRSV 6x16 SEMS 6 2,5

KLU F FRS 6x16E SEMS 6E 2,5

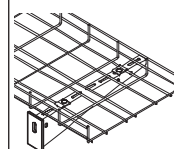
KLU E FRS 6x16E SEMS 6E 2,5



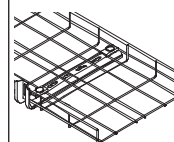
FRSV 6x16, FRS 6x16E
 SEMS 6, SEMS 6E



LGG 60
 LGGs 60
 LGG 100
 KW, KWS
 KUL, KUM
 KUS
 KT, KTS

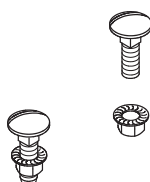


G 50, G 100
 GI
 KWL, KW
 KUL, KUM
 KT



G 50, G 100
 GI
 KA 30,
 KSL, KSLW

KLR



S E

KLR 2x FRSV 6x12 2x SEMS 6 0,9

KLR E 2x FRSV 6x12E 2x SEMS 6E 0,9

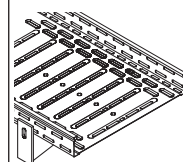
S E

KLR 6x25 2x FRS 6x25 2x SEMS 6 1,4

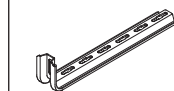
KLR 6x25E 2x FRS 6x25E 2x SEMS 6E 1,4



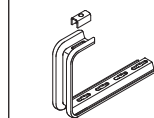
FRS 6x25
 SEMS 6



RG, RGS,
 RI

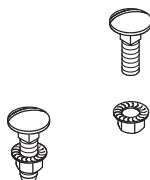


KW, KWS,
 KUL, KUM
 KUS
 KT, KTS



KSL
 DB,
 KA 30

KLRL



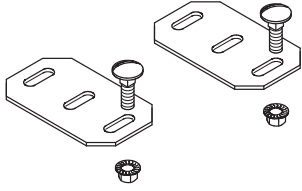
S E

KLRL FRSV 6x16 SEMS 6 1,0

KLRL E FRSV 6x16E SEMS 6E 1,0

Klemmbefestigungen
 Clamps
 Crapeuds
 Fijación

KLUS



S E

KLUS	FRSV 6x16	SEMS 6,	9,3
KLUS E	FRSV 6x16E	SEMS 6E	8,1

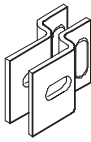


FRSV 6x16, FRS 6x16E
 SEMS 6, SEMS 6E

kg/100

G8
 G11

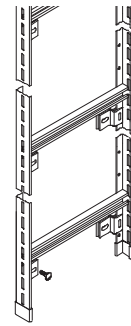
LH



F

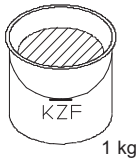
LH F

25,0



STL 50
 STU 50

KZF



F

KZF

100

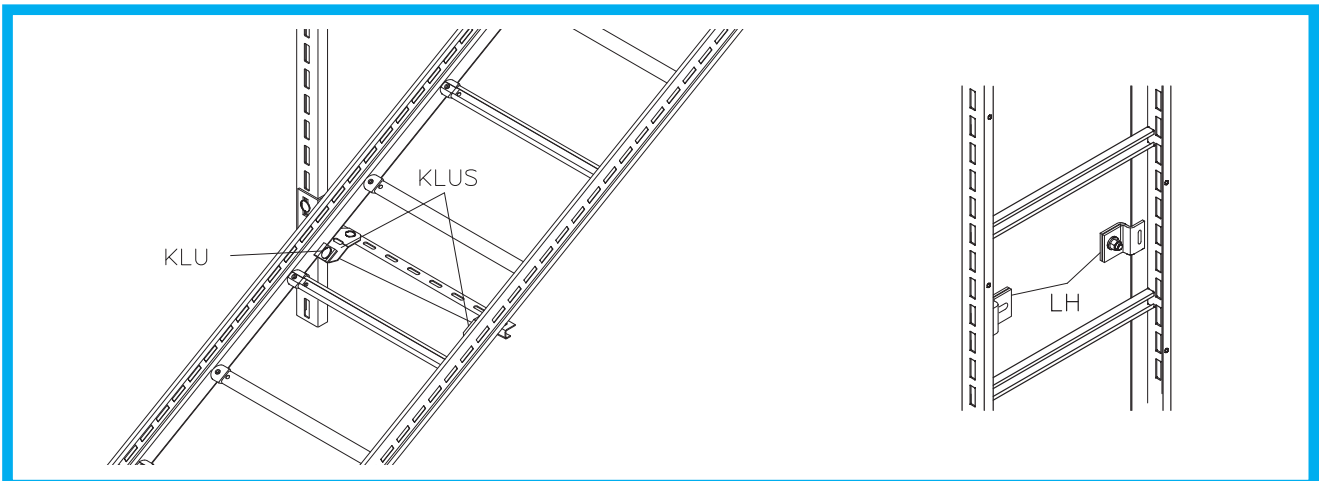
KZS



S

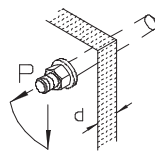
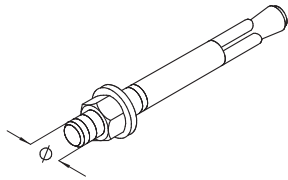
KZS

40

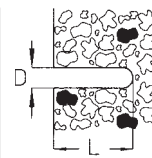


Dübel, Anker
 Plugs
 Pitons
 Tacos

SD



	\emptyset	d	P_{zul}^*	P_{zul}^{**}	
	mm	mm	kN	kN	kg/100
SD 8/10	8	0-10	2,40	4,30	3,5
SD 8/30	8	0-30	2,40	4,30	4,4
SD 10/10	10	0-10	4,30	7,60	6,2
SD 10/30	10	0-30	4,30	7,60	7,8
SD 12/10	12	0-10	7,60	11,90	11,0
SD 16/25	16	0-25	13,40	18,80	26,3



D mm L_{min} mm

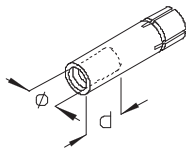
8	75
8	95
10	90
10	110
12	115
16	140

E4

SD 8/10E4	8	0-10	2,00	4,80	3,6
SD 10/10E4	10	0-10	4,30	7,60	6,2
SD 12/10E4	12	0-10	5,70	9,50	10,9

8	75
10	90
12	115

SAZ



SAZ 6					
SAZ 8	8	11-17	1,60	3,10	0,7
SAZ 10	10	13-19	3,00	3,60	0,8
SAZ 12	12	15-21	3,60	3,60	1,0

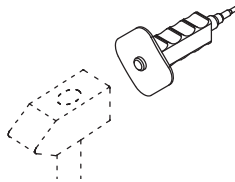
10	40
12	40
14	40

SAZ-B



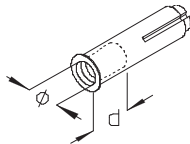
SAZ-B 8					10,0
SAZ-B 10					10,0
SAZ-B 12					20,0

SAZ-D



SAZ-D 8					
SAZ-D 10					
SAZ-D 12					

SA



E4

SA 6	6	6-12		2,90	0,4
SA 8	8	11-17		3,10	0,5
SA 10	10	13-19		6,10	0,8
SA 12	10	15-21		8,50	1,6

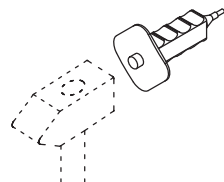
8	27
10	33
12	44
15	54

PA

SA 6E4	6	6-12		3,20	0,4
SA 8E4	8	11-17		3,90	0,5
SA 10E4	10	13-19		6,10	0,8
SA 12E4	10	15-21		8,50	1,6

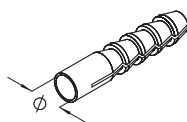
8	27
10	33
12	44
15	54

SA-D

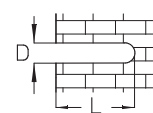


SA-D 8	8				25,0
SA-D 10	10				30,0
SA-D 12	12				35,0

KD



KD 6	6				0,2
KD 8	8				0,3
KD 10	10				0,5
KD 12	12				0,7



8	55
10	70
12	80
14	95

Einzelbefestigung

* gerissener und ungerissener Beton \geq B 25, bzw. C20/C25

** ungerissener Beton \geq B 25, bzw. C20/C25



SEH

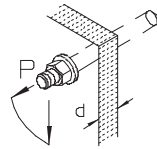
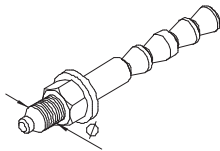


G10

Es gelten die jeweils gültigen Zulassungsbescheide.

Dübel, Anker
 Plugs
 Pitons
 Tacos

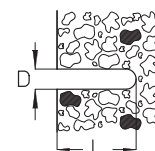
VAB-HB



\varnothing	d	P_{zul}	
mm	mm	kN	kg/100

D	L
mm	mm

VAB-HB 10/20	10	0-20	8,0*	6,7
VAB-HB 12/25	12	0-25	11,1*	11,9
VAB-HB 16/30	16	0-30	15,9*	30,0



10	75
12	90
16	110

E4

VAB-HB 10/20E4	10	0-20	8,0*	6,9
VAB-HB 12/25E4	12	0-25	11,1*	12,0
VAB-HB 16/30E4	16	0-30	15,9*	30,2

10	75
12	90
16	110

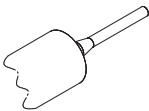
→ VAB-HB, VAB-HB M

VAB-HB B



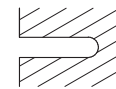
VAB-HB B10
 VAB-HB B12
 VAB-HB B16

VAB-HB M



VAB-HB M

23,0

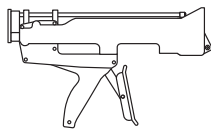


→ VA-AP

G6

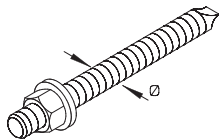
40-50 Dübel
 pro Kartusche

VA-AP

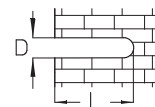


VA-AP

VAS-AS



VAS-AS 8/15	8	0-15	**	4,2
VAS-AS 10/25	10	0-25	**	7,0
VAS-AS 12/40	12	0-40	**	11,8



10	80
12	80
14	80

E4

VAS-AS 8/15E4	8	0-15	**	4,2
VAS-AS 10/25E4	10	0-25	**	7,2
VAS-AS 12/40E4	12	0-40	**	12,1

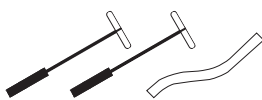
30-40 Dübel
 pro Kartusche

10	80
12	80
14	80

→ VAS-BS, VAS-SH, VAS-M

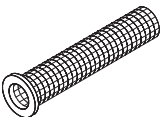
G6

VAS-BS



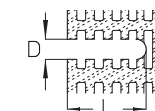
VAS-BS 14/20

VAS-SH



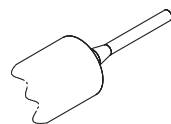
VAS-SH

0,5



16	90
20	90

VAS-M



VAS-M

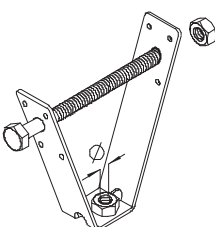
23,0

→ VA-AP

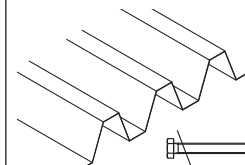
G6

4-5 Dübel pro
 Kartusche

TBS



TBS 8	8		1,3	0,14
TBS 10	10		1,3	0,14



inkl. 1 x SES 8x110
 1 x SEM 8

G9
 G11

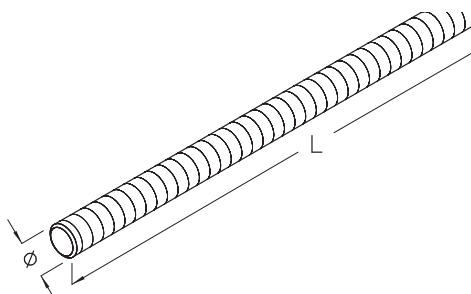
* Einzelbefestigung
 gerissener Beton \geq B 25 bzw. C20/C25

** Lastangaben in Abhängigkeit des Untergrundes.

Es gelten die jeweils gültigen Zulassungsbescheide.

Abhängemittel
Suspension components
Accessoires de suspension
Accesorios de suspensión

GB DIN 975

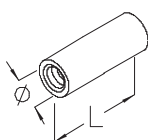


	Ø	L	d	
	mm	mm	mm	kg
GB M8-03	8	300		0,09
GB M8-05	8	500		0,15
GB M8-10	8	1000		0,30
GB M10-03	10	300		0,15
GB M10-05	10	500		0,25
GB M10-10	10	1000		0,50
GB M12-03	12	300		0,21
GB M12-05	12	500		0,35
GB M12-10	12	1000		0,70
GB M8-10E	8	1000		0,30
GB M10-10E	10	1000		0,50
GB M12-10E	12	1000		0,70

Spannungsquerschnitte
 nach DIN 267 T4:

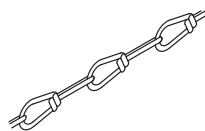
	mm ²
GB M8:	36,6
GB M10:	58,0
GB M12:	84,3

VM

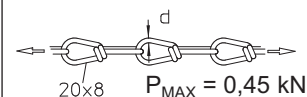


VM M8	8	30		0,01
VM M10	10	30		0,03
VM M12	12	30		0,05
VM M8E	8	30		0,01
VM M10E	10	30		0,03
VM M12E	12	30		0,05

KNK



KNK			3	0,2/m
→ KNK-NG				G7
SHS				G7
SHH				G7



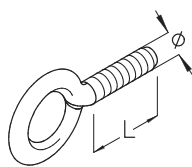
Kettendehnung:
 ca. 0,1 x L

KNK-NG

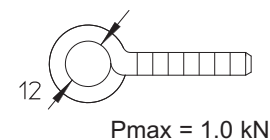


KNK-NG			3	0,003
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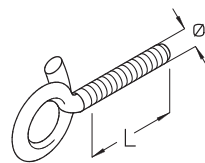
DAS



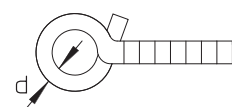
DAS 8x30	8	30	7,0	0,02
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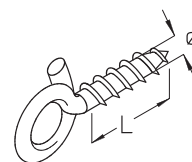
SHS



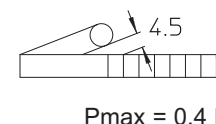
SHS 6x40	6	40	5,2	0,02
SHS 8x45	8	45	7,0	0,03



SHH

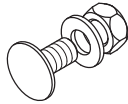



SHH 6x40	6	40	5,2	0,02
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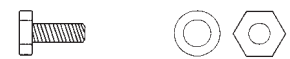


Schraubmittel
 Bolts and nuts
 Boulons et écrous
 Tornillos / tuercas

KLS



	∅	d	D	L		
	mm	mm	mm	mm	kg/100	
KLS 8x16	8		16	1,8		FRSV 8x16
KLS 8x25	8		25	2,2		FRS 8x25
KLS 10x20	10		20	3,9		FRSV 10x20

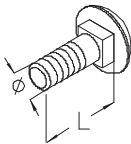


F E

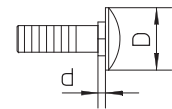
KLS 10x20F	10		20	4,0		FRSV 10x20F
KLS 8x16E	8		16	1,8		FRSV 8x16
KLS 8x25E	8		25	2,2		FRS 8x25
KLS 10x20E	10		20	3,9		FRSV 10x20

SEMS 8	
SEMS 8	
SEMS 10	
SEM 10F	
US 10x21F	
SEMS 8E	
SEMS 8E	
SEM 10E	
US 10x21E	

FRSV



FRSV 6x12	6	1,5	16	12	0,5	
FRSV 6x16	6	1,5	16	16	0,7	
FRSV 8x16	8	2,0	20	16	1,3	
FRSV 10x20	10	2,5	24	20	2,3	

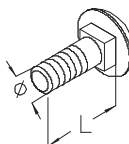


F E

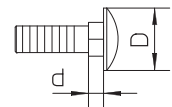
FRSV 10x20F	10	2,5	24	20	2,3	
FRSV 6x12E	6	1,5	16	12	0,5	
FRSV 6x16E	6	1,5	16	16	0,7	
FRSV 8x16E	8	2,0	20	16	1,3	
FRSV 10x20E	10	2,5	24	20	2,3	

FRS

DIN 603



FRS 6x25	6	4	16	25	0,9	
FRS 8x20	8	5	20	20	1,4	
FRS 8x25	8	5	20	25	1,5	
FRS 8x35	8	5	20	35	1,9	
FRS 8x50	8	5	20	50	2,5	
FRS 10x30	10	6	24	30	2,8	
FRS 12x30	12	8	30	30	4,6	



F E

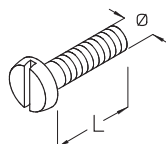
FRS 10x30F	10	6	24	30	2,8	
FRS 12x30F	12	8	30	30	4,6	

FRS 6x16E	6	4	16	16	0,7	
FRS 6x20E	6	4	16	20	0,8	
FRS 6x25E	6	4	16	25	0,9	
FRS 8x20E	8	5	20	20	1,4	
FRS 8x25E	8	5	20	25	1,5	
FRS 8x35E	8	5	20	35	1,9	
FRS 8x50E	8	5	20	50	2,5	
FRS 10x30E	10	6	24	30	2,8	
FRS 12x30E	12	8	30	30	4,6	

Schraubmittel
Bolts and nuts
Boulons et écrous
Tornillos / tuercas

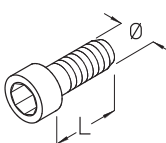
FKS

DIN 84



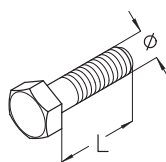
IK


DIN 912

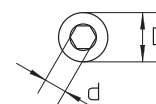
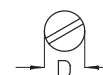


SES

DIN 933



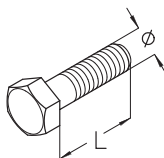
	∅	d	D	L	
	mm	mm	mm	mm	kg/100
FKS 6x10	6	4	12	10	0,4
FKS 6x20	6	4	12	20	0,6
FKS 6x25	6	4	12	25	0,7
FKS 8x20	8	5	16	20	1,3
E					
FKS 6x10E	6	4	12	10	0,4
FKS 6x20E	6	4	12	20	0,6
FKS 6x25E	6	4	12	25	0,7
IK 6x20	6	5	10,2	20	0,7
IK 8x20	8	6	13,3	20	1,3
IK 8x25	8	6	13,3	25	1,5
IK 8x30	8	6	13,3	30	1,7
IK 8x40	8	6	13,3	40	2,1
IK 10x20	10	8	16,3	20	2,3
IK 10x25	10	8	16,3	25	2,5
IK 10x30	10	8	16,3	30	2,8
IK 10x40	10	8	16,3	40	3,3
IK 12x20	12	10	18,3	20	3,2
IK 12x25	12	10	18,3	25	3,6
IK 12x30	12	10	18,3	30	3,9
IK 12x40	12	10	18,3	40	4,7
IK 12x50	12	10	18,3	50	5,5
E					
IK 8x10E	8	6	13,3	10	1,0
IK 8x20E	8	6	13,3	20	1,3
IK 8x25E	8	6	13,3	25	1,5
IK 8x30E	8	6	13,3	30	1,7
IK 8x40E	8	6	13,3	40	2,1
IK 10x20E	10	8	16,3	20	2,3
IK 10x25E	10	8	16,3	25	2,5
IK 10x30E	10	8	16,3	30	2,8
IK 10x40E	10	8	16,3	40	3,3
IK 12x20E	12	10	18,3	20	3,2
IK 12x25E	12	10	18,3	25	3,6
IK 12x30E	12	10	18,3	30	3,9
IK 12x40E	12	10	18,3	40	4,7
IK 12x50E	12	10	18,3	50	5,5
SES 6x16	6		10	16	0,5
SES 6x20	6		10	20	0,6
SES 6x25	6		10	25	0,7
SES 6x30	6		10	30	0,8
SES 8x16	8		13	16	1,1
SES 8x20	8		13	20	1,2
SES 8x25	8		13	25	1,4
SES 8x30	8		13	30	1,6
SES 8x40	8		13	40	1,9
SES 8x110	8		13	110	4,1
SES 10x20	10		17(16)	20	2,1
SES 10x25	10		17(16)	25	2,4
SES 10x30	10		17(16)	30	2,6
SES 10x40	10		17(16)	40	3,1
SES 10x100	10		17(16)	100	6,1
SES 12x20	12		19(18)	20	3,1
SES 12x25	12		19(18)	25	3,4
SES 12x30	12		19(18)	30	3,8
SES 12x40	12		19(18)	40	4,5
SES 12x50	12		19(18)	50	5,2




Schraubmittel
Bolts and nuts
Boulons et écrous
Tornillos / tuercas

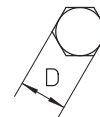
SES

DIN 933



F E E4

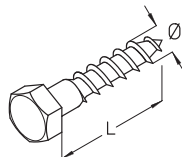
	∅	d	D	L	
	mm	mm	mm	mm	kg/100
SES 10x20F	10		17(16)	20	2,1
SES 10x25F	10		17(16)	25	2,4
SES 10x30F	10		17(16)	30	2,6
SES 10x55F	10		17(16)	55	3,9
SES 10x75F	10		17(16)	75	4,9
SES 10x100F	10		17(16)	100	6,1
SES 12x20F	12		19(18)	20	3,1
SES 12x30F	12		19(18)	30	3,8
SES 12x40F	12		19(18)	40	4,5
SES 12x50F	12		19(18)	50	5,2
SES 12x70F	12		19(18)	70	6,6



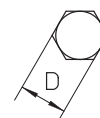
SES 6x16E	6		10	16	0,5
SES 6x20E	6		10	20	0,6
SES 8x20E	8		13	20	1,2
SES 8x25E	8		13	25	1,4
SES 10x20E	10		17	20	2,1
SES 10x30E	10		17	30	2,6

SES 10x75E4	10		17(16)	75	4,9
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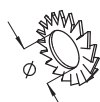
SEH



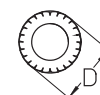
SEH 8x50	8		13	50	1,8
SEH 8x60	8		13	60	2,1
SEH 10x50	10		17	50	3,2
SEH 10x60	10		17	60	3,6
SEH 10x80	10		17	80	4,5



FS



FS 6	6,4		11		0,04
FS 8	8,2		14		0,08
FS 10	10,5		18		0,13
FS 12	12,5		20,5		0,17



E

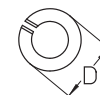
FS 6E	6,4		11		0,04
FS 8E	8,2		14		0,08
FS 10E	10,5		18		0,13
FS 12E	12,5		20,5		0,17

FR



E4

FR B6E4	6,1		11,8		0,1
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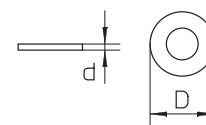
US

DIN 125



F E

US 6x12	6,4	1,6	12,5		0,1
US 8x17	8,4	2,0	17,0		0,2
US 10x21	10,5	2,0	21,0		0,4
US 13x24	13,0	2,5	24,0		0,6
US 17x30	17,0	3,0	30,0		1,1



US 10x21F	10,5	2,0	21,0		0,4
US 10x30F	10,5	2,0	30,0		0,5
US 13x24F	13,0	2,5	24,0		0,6
US 17x30F	17,0	3,0	30,0		1,1

US 6x12E	6,4	1,5	12,5		0,1
US 8x17E	8,4	1,5	17,0		0,2
US 10x21E	10,5	2,0	21,0		0,4
US 13x24E	13,0	2,5	24,0		0,6

Schraubmittel
 Bolts and nuts
 Boulons et écrous
 Tornillos / tuercas

US

DIN 9021



US

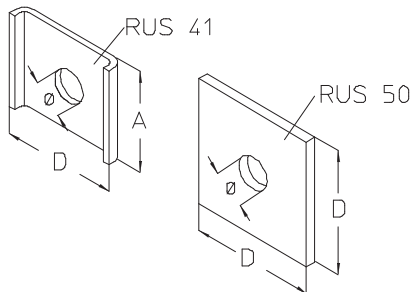
DIN 7349



UVS

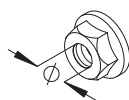


RUS



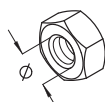
SEMS


ähnlich DIN 6923



SEM

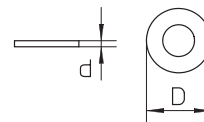
DIN 934



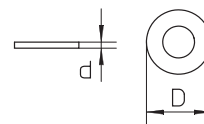
Ø d D A 
 mm mm mm mm kg/100

F E E4

US 6x18	6,4	1,6	18,0	0,3
US 8x25	8,4	2,0	25,0	0,7
US 10x30	10,5	2,5	30,0	1,2
US 13x40	13,0	3,0	40,0	2,7
US 10x30F	10,5	2,5	30,0	1,2
US 13x40F	13,0	3,0	40,0	2,7
US 6x18E	6,4	1,6	18,0	0,3
US 8x25E	8,4	2,0	25,0	0,7
US 10x30E	10,5	2,5	30,0	1,2
US 10x30E4	10,5	2,5	30,0	1,2

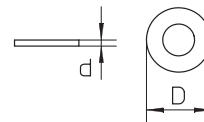


US 10x30x6	13,0	6,0	30,0	2,9
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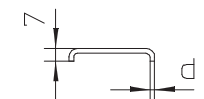
PE

UVS M6	6	1,30	12,5	< 0,01
UVS M8	8	1,65	16,2	< 0,01
UVS M10	10	2,10	15,0	< 0,01
UVS M10x24	10	2,10	24,0	< 0,01

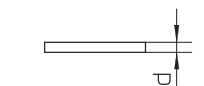


F E

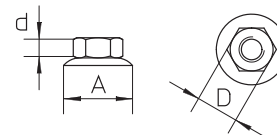
RUS 41-L13F	13	2,5	46	40	4,00
RUS 41-L13E	13	1,8	46	40	2,84



RUS 50-L13F	13	4	50	7,54
RUS 50-L13E	13	4	50	7,54



SEMS 6	6	5,5	10	14	0,3
SEMS 8	8	7,5	13	17	0,7
SEMS 10	10	9,5	15	21	1,6

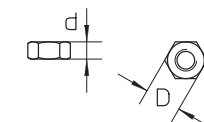


E

SEMS 6E	6	5,5	10	14	0,3
SEMS 8E	8	7,5	13	17	0,7

F E E4

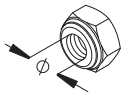
SEM 6	6	5	10	0,3
SEM 8	8	6,5	13	0,5
SEM 10	10	8	17(15)	1,2
SEM 12	12	10	19(18)	1,7
SEM 10F	10	8	17(15)	1,2
SEM 12F	12	10	19(18)	1,7
SEM 6E	6	5	10	0,3
SEM 8E	8	6,5	13	0,5
SEM 10E	10	8	17(15)	1,2
SEM 12E	12	10	19(18)	1,7
SEM 10E4	10	8	17(15)	1,2



Ankermütern, Ankerschrauben
 Channel nuts and bolts
 Boulonnerie pour rails
 Tornillos para telerales

SEMSS

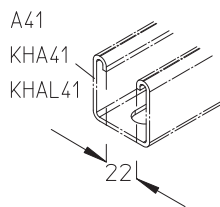
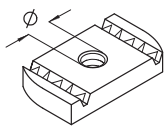
DIN 985



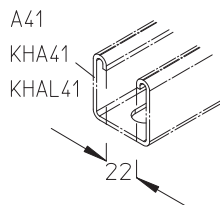
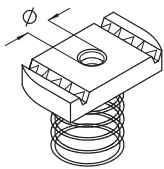
SSK



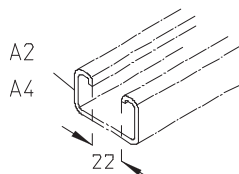
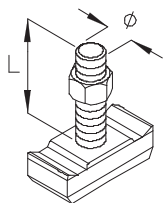
AM22




AMF22



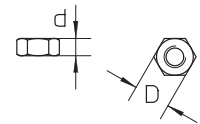
HS22



∅ d L D 
 mm mm mm mm kg/100

E

SEMSS 6	6	6	10	0,2
SEMSS 10	10	10	17	1,1
SEMSS 6E	6	6	10	0,2
SEMSS 10E	10	10	17	1,1



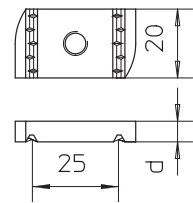
SSK 6			10	0,1
SSK 8			13	0,1
SSK 10			17	0,2

F E4

AM22 M6	6	6		2,6
AM22 M8	8	6		2,4
AM22 M10	10	8		3,3
AM22 M12	12	9,5		4,2

AM22 M6F	6	6		2,8
AM22 M8F	8	6		2,6
AM22 M10F	10	8		3,5
AM22 M12F	12	9,5		4,2

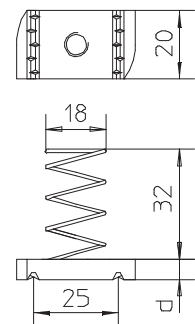
AM22 M6E4	6	6		2,6
AM22 M8E4	8	6		2,4
AM22 M10E4	10	8		3,3
AM22 M12E4	12	9,5		4,2



F

AMF22 M6	6	6		2,8
AMF22 M8	8	6		2,6
AMF22 M10	10	8		3,5
AMF22 M12	12	9,5		4,4

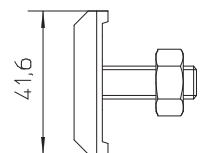
AMF22 M6F	6	6		3,0
AMF22 M8F	8	6		2,8
AMF22 M10F	10	8		3,7
AMF22 M12F	12	9,5		4,7



F E4

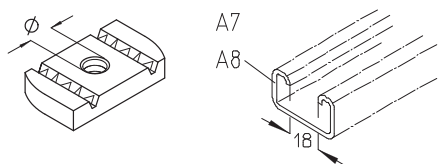
HS22 12x30	12		30	9,5
HS22 12x40	12		40	10,0
HS22 12x50	12		50	10,8
HS22 12x60	12		60	11,4
HS22 16x40	16		40	16,2
HS22 16x60	16		60	18,6

HS22 10x80F	10		80	9,7
HS22 10x80E4	10		80	9,7



Ankermuttern, Ankerschrauben
Channel nuts and bolts
Boulonnerie pour rails
Tornillos para telerails

AM18

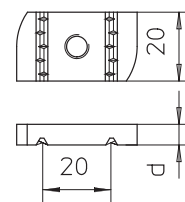


	∅	d	L		
	mm	mm	mm		kg/100
AM18 M6	6	6,0			2,6
AM18 M8	8	6,0			2,4
AM18 M10	10	8,0			3,3
AM18 M12	12	9,5			4,2

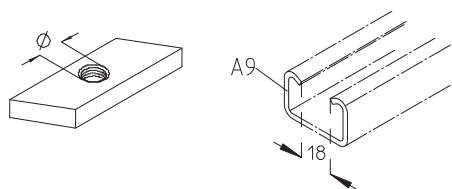
F E4

AM18 M6F	6	6,0			2,8
AM18 M8F	8	6,0			2,6
AM18 M10F	10	8,0			3,5
AM18 M12F	12	9,5			4,5

AM18 M6E4	6	6,0			3,0
AM18 M8E4	8	6,0			2,9
AM18 M10E4	10	8,0			3,7
AM18 M12E4	12	9,5			3,4



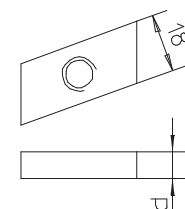
AMA18



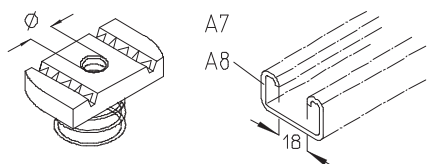
F E

AMA18 M6F	6	5,0			2,7
AMA18 M8F	8	6,0			3,0
AMA18 M10F	10	8,0			3,8

AMA18 M6E	6	6,0			2,7
AMA18 M8E	8	6,0			3,0
AMA18 M10E	10	8,0			3,8



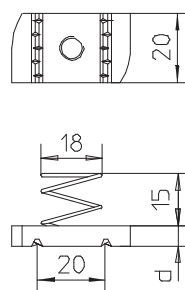
AMF18



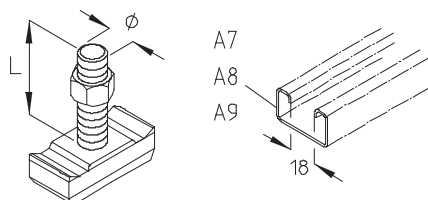
F

AMF18 M6	6	6,0			2,7
AMF18 M8	8	6,0			2,5
AMF18 M10	10	8,0			3,4
AMF18 M12	12	9,5			4,3

AMF18 M6F	6	6,0			2,9
AMF18 M8F	8	6,0			2,7
AMF18 M10F	10	8,0			3,6
AMF18 M12F	12	9,5			4,6



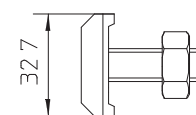
HS18



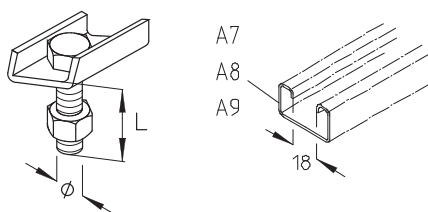
E4

HS18 10x30	10	30			5,9
HS18 10x40	10	40			6,3
HS18 10x50	10	50			6,9
HS18 10x60	10	60			7,4
HS18 12x30	12	30			7,4
HS18 12x40	12	40			7,9
HS18 12x60	12	60			9,4
HS18 16x40	16	40			13,4
HS18 16x60	16	60			16,0
HS18 16x80	16	80			18,8

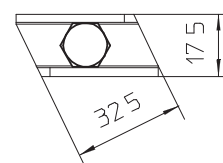
HS18 10x30E4	10	30			6,0
HS18 10x40E4	10	40			6,5
HS18 10x50E4	10	50			7,0



AKB

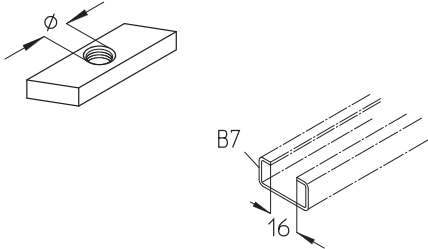


AKB 6x25	6	25			2,4
AKB 8x25	8	25			3,5
AKB 8x35	8	35			3,7
AKB 8x45	8	45			4,0
AKB 10x35	10	35			5,4
AKB 10x45	10	45			5,9
AKB 12x35	12	35			7,0
AKB 12x45	12	45			7,7

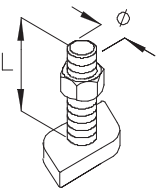


Ankermütern, Ankerschrauben
 Channel nuts and bolts
 Boulonnerie pour rails
 Tornillos para teleraíles

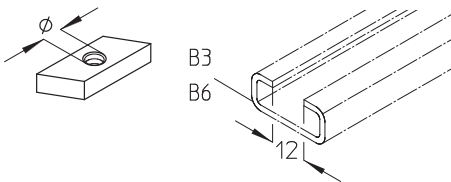
AM16



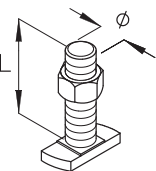
HS16




AM12



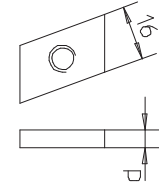
HS12



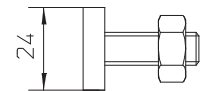
\emptyset	d	L	
mm	mm	mm	kg/100

F

AM16 M6F	6	5	1,0
AM16 M8F	8	5	1,0



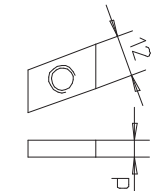
HS16 8x20	8	20	3,0
HS16 8x40	8	40	3,9
HS16 10x30	10	30	4,6
HS16 10x50	10	50	5,8



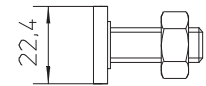
F E

AM12 M6F	6	5	1,0
AM12 M8F	8	5	0,9

AM12 M8E	8	5	0,9
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HS12 6x30	6	30	1,6
HS12 6x40	6	40	1,7
HS12 8x20	8	20	2,0
HS12 8x30	8	30	2,3
HS12 8x40	8	40	2,6
HS12 10x20	10	20	3,0
HS12 10x30	10	30	3,5
HS12 10x40	10	40	3,9



E4

HS12 10x20E4	10	20	3,1
HS12 10x30E4	10	30	3,6
HS12 10x40E4	10	40	4,0