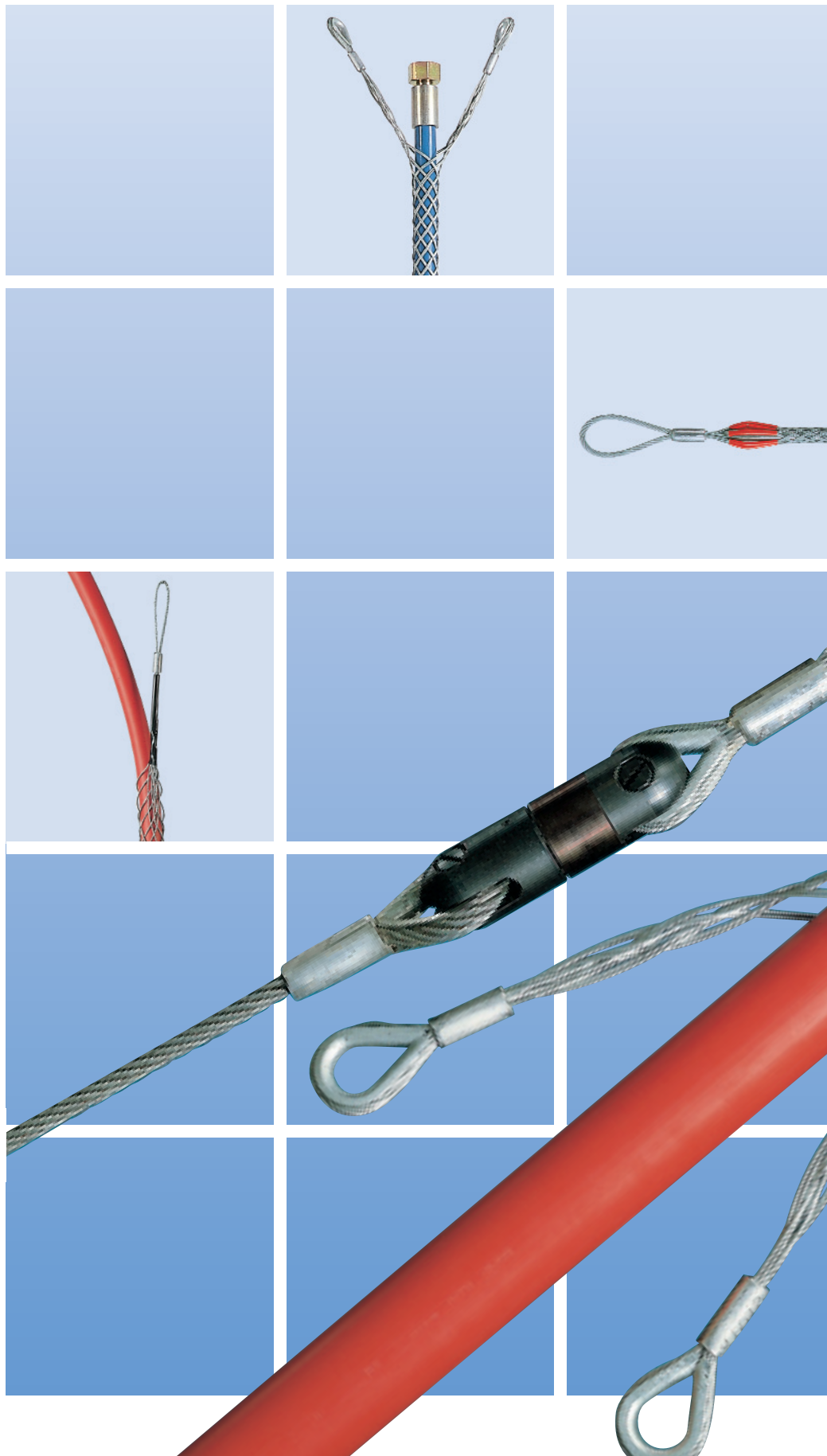


Cable pulling grips

Hose securing grips

Overhead line grips



Swivels D 20-100 mm, for cable pulling

Cable pulling grips, 1 loop, cable-D 10-160 mm

Cable pulling grips for 3 bundle cables with 1 loop

Cable pulling grips with 2 loops

Cable connecting grips D 10-90 mm

Cable pulling grips for in-house installation and FOC

Cable supporting and mounting grips, 1 loop

Cable supporting and mounting grips, 2 loops

Cable supporting and mounting grips, 1 loop stainless steel

Cable supporting and mounting grips, 2 loops stainless steel

Cable strain relief grips 1 lateral loop

Cable strain relief grips 1 lateral loop, stainless steel

Supporting grips 1 lateral loop for wind energy plants

Supporting grips 1 lateral loop for wind energy plants, stainless steel

Hose securing grips galv. steel wire

Hose securing grips 2 loops each end, galv. steel

Hose securing grips divided with binding strand

Hose securing grips stainless steel

Hose securing grips divided stainless steel

Hose securing loops galv. steel or stainless steel



Swivels

Swivels with friction bearings, turnable connector between winch rope and cable grip. The friction bearing guarantees that the swivel reduces rotation and torsion with increasing pulling force. Swivels with ball bearings turn off and destroy the steel ropes, they can only be used in connection with absolute twist free steel ropes.

- Swivels for underground cables must be equipped only with friction bearings.
- With increasing pulling force friction bearings twist harder and thus avoid the untwisting of the pulling rope
- Ball bearings let untwist the ropes and leads to destruction.
- kN = minimum breaking load

Code	Type	D mm	L	Fork	Bolt	kN	kg
243020	V 20 D	20	86	7	8	21	0,16
243040	V 25 D	25	120	9	10	30	0,32
243050	V 35 D	35	130	12	14	60	0,60
243130	V 45 D	45	180	16	16	150	1,50
243140	V 50 D	50	187	18	16	165	1,90
243150	V 55 D	55	190	20	18	180	2,30
243170	V 60 D	60	217	23	20	225	3,10
243180	V 65 D	65	235	26	24	300	3,50
243190	V 75 D	75	270	30	27	320	6,70
243200	V 85 D	85	315	34	30	400	9,50
243220	V 100 D	100	350	38	36	500	14,60



Rope connecting set

Rope connecting set for solder in ropes, for pulling forces up to 3000 daN, 5 parts for rope-D 6-9 mm.

- 1 rope cone D 25 mm, 2 expansion cones, for soldering in ropes D 6-9 mm.
- 1 changeable eye nut D 25 for pulling through small ducts up to max. 1500 daN.
- 1 changeable eye nut D 35 mm for pulling forces up to 3000 daN.

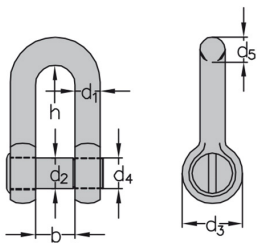
Code	Type	For pull	For rope	kg
243490	SVB 25/5	to max. 3000 daN	D 6-9 mm	0,60



Shackle stainless steel, miniature size

Shackle stainless steel, miniature size, with slotted screw.

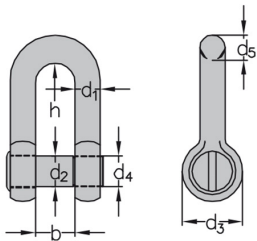
Code	Type	d2	d1/d5	b	h	SWL	kg
924282615	HA1 05	5 mm	5/5 mm	10 mm	20	160 kg	0,01

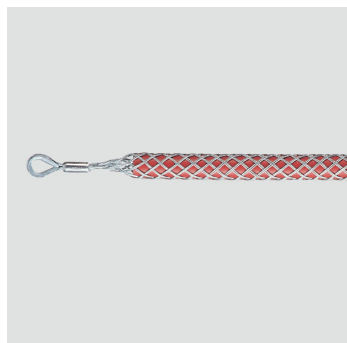


Shackle slim version

Shackle galvanized, special slim version with slotted screw for easy passing ducts and cable rollers.

Code	Type	d2	d1/d5	b	h	SWL	kg
254879	SHB 04	10	8/10	14 mm	30	400 kg	0,09
254880	SHB 06	12	10/12	17 mm	36	630 kg	0,16
254881	SHB 10	16	13/15	21 mm	49	1000 kg	0,34
254882	SHB 16	20	17/19	27 mm	61	1600 kg	0,72
254883	SHB 20	22	19/21	30 mm	67	2000 kg	1,00
254884	SHB 25	24	21/23	33 mm	73	2500 kg	1,32
254885	SHB 30	27	24/26	38 mm	83	3150 kg	1,85





Cable pulling grips, 1 loop

Cable pulling grips with 1 loop, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Up to K 30 loops without thimbles, from K 40 loops with steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
245010	K 15/1	10-15	18	5	1020	600/700	0,08
245030	K 20/1	15-20	18	5	2040	600/700	0,19
245050	K 25/1	20-25	18	5	2040	600/700	0,21
245080	K 30/1	25-30	18	5	2430	1000/1100	0,23
245140	K 40/1	30-40	18	11	3510	1250/1350	0,42
245190	K 50/1	40-50	20	12	4800	1250/1350	0,58
245250	K 60/1	50-60	20	15	4800	1500/1600	0,69
245300	K 70/1	60-70	20	15	6390	1500/1650	0,93
245350	K 90/1	70-90	25	18	8370	1500/1650	1,23
245400	K 110/1	90-110	25	18	10470	1500/1700	1,40
245450	K 130/1	110-130	25	18	10470	1500/1700	1,50
245490	K 160/1	130-160	25	18	12810	1500/1700	1,80

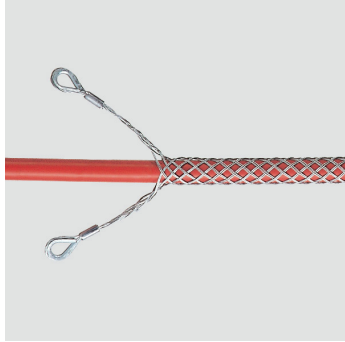


Cable pulling grips, 1 loop, for 3 cables

Cable pulling grips for 3 cables with 1 loop, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. For pulling-in together of 3 single core cables.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
245860	K 30/3	3x25-30	40	12	4860	1000/1150	0,97
245870	K 40/3	3x30-40	40	12	7020	1250/1400	1,51
245880	K 50/3	3x40-50	40	12	9600	1250/1400	2,00
245890	K 60/3	3x50-60	40	12	9600	1500/1650	2,34

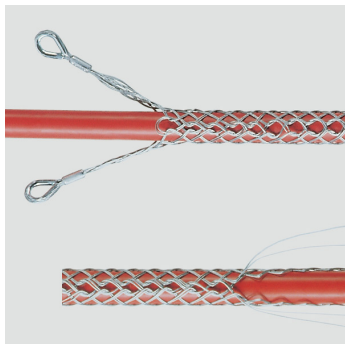


Cable pulling grips, 2 loops

Cable pulling grips with 2 loops, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Up to K 30 loops without thimbles, from K 40 loops with steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Cable-D	B	D	daN	L1/L2	kg
246010	K 15/2	10-15	18	5	1020	600/800	0,06
246030	K 20/2	15-20	18	5	2040	600/800	0,12
246050	K 25/2	20-25	18	5	2040	600/800	0,13
246080	K 30/2	25-30	18	5	2430	1000/1200	0,26
246140	K 40/2	30-40	18	11	3510	1250/1450	0,49
246190	K 50/2	40-50	20	12	4800	1250/1450	0,70
246250	K 60/2	50-60	20	15	4800	1500/1800	0,82
246300	K 70/2	60-70	20	15	6390	1500/1800	1,10
246350	K 90/2	70-90	25	18	8370	1500/1800	1,55
246400	K 110/2	90-110	25	18	10470	1500/1850	1,93
246450	K 130/2	110-130	25	18	10470	1500/1850	2,40
246490	K 160/2	130-160	25	18	12810	1500/1850	2,70



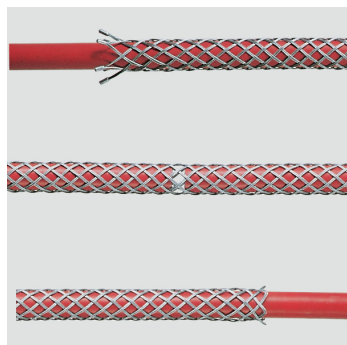
Cable pulling grips, 2 loops, lateral divided

Cable pulling grips with 2 loops, galvanized bowden wire. Lateral divided with binding strand. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For all underground and duct cables.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Up to K 30 loops without thimbles, from K 40 loops with steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Cable-D	B	D	daN	L1/L2	kg
247010	K 15/2G	10-15	18	5	1020	600/800	0,10
247030	K 20/2G	15-20	18	5	2040	600/800	0,27
247050	K 25/2G	20-25	18	5	2040	600/800	0,31
247080	K 30/2G	25-30	18	5	2430	1000/1200	0,33
247140	K 40/2G	30-40	18	11	3510	1250/1500	0,60
247190	K 50/2G	40-50	20	12	4800	1250/1500	0,92
247250	K 60/2G	50-60	20	15	4800	1500/1800	1,30

247300	K 70/2G	60-70	20	15	6390	1500/1800	1,39
247350	K 90/2G	70-90	25	18	8370	1500/1800	2,20
247400	K 110/2G	90-110	25	18	10470	1500/1850	2,40
247450	K 130/2G	110-130	25	18	10470	1500/1850	2,71
247490	K 160/2G	130-160	25	18	12810	1500/1900	2,90

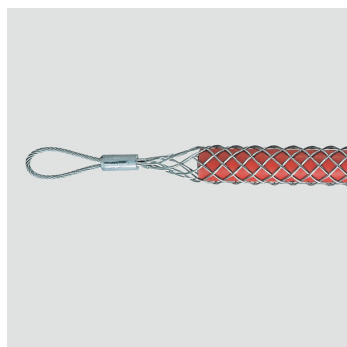


Cable connecting grips

Cable connecting grips, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For connecting of two cables to follow.

- The mentioned mesh length are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- daN = minimum breaking load

Code	Type	Cable-D	daN	L mm	kg
248010	KV 15	10-15	1020	1500	0,13
248030	KV 20	15-20	2040	1500	0,27
248050	KV 25	20-25	2220	2000	0,40
248080	KV 30	25-30	2430	2000	0,49
248140	KV 40	30-40	3510	2000	0,60
248190	KV 50	40-50	4800	2000	0,70
248250	KV 60	50-60	4800	2500	0,80
248300	KV 70	60-70	6390	2500	1,00
248350	KV 90	70-90	8370	2500	1,20

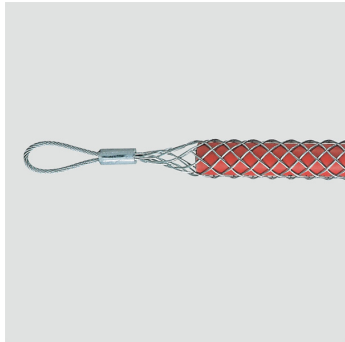


Cable pulling grips, 1 loop

Cable pulling grips with 1 loop, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
244040	J 6	4-6	10	2	180	140/200	0,01
244060	J 9	6-9	15	2	330	170/245	0,01
244090	J 12	9-12	15	3	390	250/310	0,02
244150	J 19	12-19	20	3	780	360/460	0,04
244180	J 25	19-25	20	4	1200	380/490	0,05
244210	J 31	25-31	20	4	1740	420/550	0,09



Cable pulling grips, 1 loop

Cable pulling grips with 1 loop, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
244260	L 9	6-9	15	2	330	600/670	0,02
244290	L 12	9-12	15	3	390	600/670	0,04
244350	L 19	12-19	20	3	780	600/700	0,06
244380	L 25	17-25	20	4	1200	600/710	0,07
244410	L 31	25-31	20	4	1740	600/730	0,11
244415	L 40	30-40	20	4	1740	600/730	0,13
244420	L 50	40-50	20	5	1740	600/730	0,15

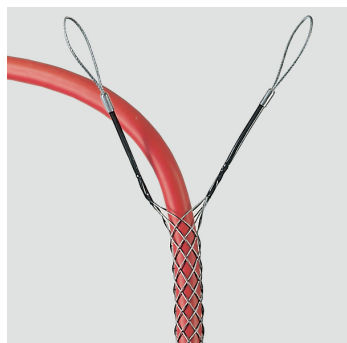


Cable supporting grips, 1 loop

Cable supporting grips with 1 loop, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length are available. Grips made of stainless steel see further below. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
250021	KM 6/1	4-6	30	2	180	100/275	0,02
250031	KM 9/1	7-9	30	2	330	120/290	0,02
250041	KM 12/1	9-12	30	2	390	135/340	0,02
250071	KM 15/1	12-15	30	2	630	180/390	0,03
250091	KM 19/1	15-19	30	3	780	220/450	0,04
250121	KM 25/1	19-25	35	3	780	275/510	0,05
250161	KM 30/1	25-30	35	3	1200	350/610	0,07
250171	KM 40/1	30-40	50	3	1740	370/660	0,12
250191	KM 50/1	40-50	50	4	2400	490/800	0,12
250201	KM 60/1	50-60	50	4	2400	500/810	0,28
250211	KM 70/1	60-70	50	5	3180	520/860	0,28
250221	KM 90/1	70-90	50	5	4170	580/950	0,35

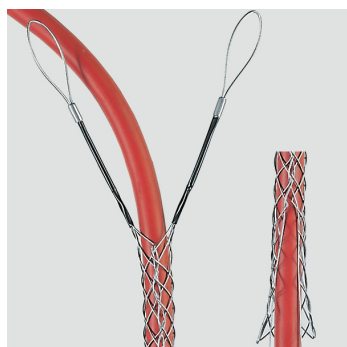


Cable supporting grips, 2 loops

Cable supporting grips with 2 loops, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length are available. Grips made of stainless steel see further below. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Cable-D	B	D	daN	L1/L2	kg
251071	KM 15/2	12-15	30	2	630	180/400	0,02
251091	KM 19/2	15-19	30	2	780	220/450	0,04
251121	KM 25/2	19-25	35	2	780	275/530	0,05
251161	KM 30/2	25-30	35	3	1200	350/630	0,06
251171	KM 40/2	30-40	50	3	1740	370/680	0,12
251191	KM 50/2	40-50	50	3	2400	490/800	0,12
251201	KM 60/2	50-60	50	3	2400	500/840	0,28
251211	KM 70/2	60-70	50	4	3180	520/890	0,30
251221	KM 90/2	70-90	50	5	4170	580/900	0,35

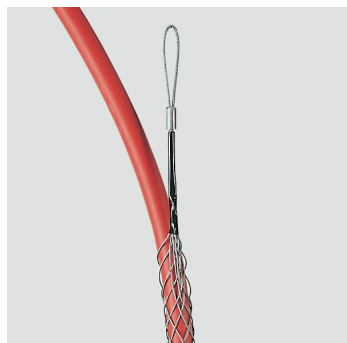


Cable supporting grips, 2 loops, lateral divided

Cable supporting grips with 2 loops, galvanized bowden wire. Lateral divided with binding strand. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Cable-D	B	D	daN	L1/L2	kg
252071	KM 15/2G	12-15	30	2	630	180/400	0,02
252091	KM 19/2G	15-19	30	2	780	220/450	0,04
252121	KM 25/2G	19-25	35	2	780	275/530	0,05
252161	KM 30/2G	25-30	35	3	1200	350/630	0,06
252171	KM 40/2G	30-40	50	3	1740	370/680	0,12
252191	KM 50/2G	40-50	50	3	2400	490/800	0,12
252201	KM 60/2G	50-60	50	3	2400	500/840	0,28
252211	KM 70/2G	60-70	50	4	3180	520/890	0,30
252221	KM 90/2G	70-90	50	5	4170	580/900	0,35

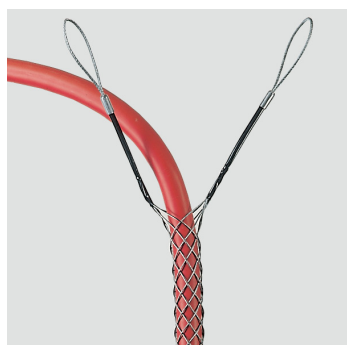


Cable supporting grips, 1 loop, stainless steel

Cable supporting grips with 1 loop. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length are available. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
250271	KME 6/1	4-6	30	2	180	100/275	0,02
250281	KME 9/1	7-9	30	2	330	120/290	0,02
250291	KME 12/1	9-12	30	2	390	135/340	0,02
250321	KME 15/1	12-15	30	2	630	180/390	0,02
250341	KME 19/1	15-19	30	3	780	220/450	0,04
250371	KME 25/1	19-25	35	3	780	275/510	0,05
250411	KME 30/1	25-30	35	3	1200	350/610	0,07
250421	KME 40/1	30-40	50	3	1740	370/660	0,12
250441	KME 50/1	40-50	50	4	2400	490/800	0,12
250451	KME 60/1	50-60	50	4	2400	500/810	0,28
250461	KME 70/1	60-70	50	5	3180	520/860	0,28



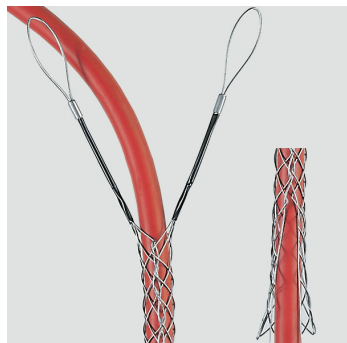
Cable supporting grips, 2 loops, stainless steel

Cable supporting grips with 2 loops. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length are available. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Cable-D	B	D	daN	L1/L2	kg
251321	KME 15/2	12-15	30	2	630	180/400	0,02
251341	KME 19/2	15-19	30	2	780	220/450	0,04
251371	KME 25/2	19-25	35	2	780	275/530	0,05
251411	KME 30/2	25-30	35	3	1200	350/630	0,06
251421	KME 40/2	30-40	50	3	1740	370/680	0,12
251441	KME 50/2	40-50	50	3	2400	490/800	0,12
251451	KME 60/2	50-60	50	3	2400	500/840	0,28

251461 KME 70/2 60-70 50 4 3180 520/890 0,32



Cable supporting grips, 2 loops, lateral divided, stainless steel

Cable supporting grips with 2 loops. Lateral divided with binding strand. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- Loops without thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Cable-D	B	D	daN	L1/L2	kg
252321	KME 15/2G	12-15	30	2	630	180/400	0,02
252341	KME 19/2G	15-19	30	2	780	220/450	0,04
252371	KME 25/2G	19-25	35	2	780	275/530	0,05
252411	KME 30/2G	25-30	35	3	1200	350/630	0,06
252421	KME 40/2G	30-40	50	3	1740	370/680	0,08
252441	KME 50/2G	40-50	50	3	2400	490/800	0,12
252451	KME 60/2G	50-60	50	3	2400	500/840	0,28
252461	KME 70/2G	60-70	50	4	3180	520/890	0,34



Cable strain relief grip 1 lateral loop

Cable strain relief grip especially for spring cable reels or motor driven cable reels, 1 lateral loop galvanized bowden wire. All Vetter cable grips are handmade and therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For stress-free wind and unwinding operation on cable drums.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- All loops are equipped with galv. steel thimbles.
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
25304004	KS 10/1	7-10	15	11	660	400/600	0,07
25305004	KS 15/1	10-15	18	11	1020	400/600	0,08
25308004	KS 20/1	15-20	18	11	2040	400/600	0,10
25309004	KS 25/1	20-25	18	12	2040	400/600	0,12
25310004	KS 30/1	25-30	18	12	2430	400/600	0,13
25314004	KS 40/1	30-40	18	12	3510	400/600	0,17
25316004	KS 50/1	40-50	20	13	4800	400/600	0,25

25318004 KS 60/1 50-60 20 16 4800 400/600 0,30



Cable strain relief grip 1 lateral loop, stainless steel

Cable strain relief grip especially for spring cable reels or motor driven cable reels, 1 lateral loop. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter cable grips are handmade and therefore of high flexibility. Other versions, e.g. reinforced, different length are available. For stress-free wind and unwinding operation on cable drums.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- All loops are equipped with stainless steel thimbles.
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
25330004	KSE 10/1	7-10	15	11	660	400/600	0,08
25331004	KSE 15/1	10-15	18	11	1020	400/600	0,10
25333004	KSE 20/1	15-20	18	11	2040	400/600	0,12
25335004	KSE 25/1	20-25	18	12	2040	400/600	0,14
25337004	KSE 30/1	25-30	18	12	2430	400/600	0,15
25339004	KSE 40/1	30-40	18	12	3510	400/600	0,20
25341004	KSE 50/1	40-50	20	13	4800	400/600	0,25
25343004	KSE 60/1	50-60	20	16	4800	400/600	0,30



Cable supporting grips for wind energy plants

Cable supporting grips especially for wind energy plants. With 1 lateral loop, galvanized bowden wire. All Vetter cable grips are handmade therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length, or in stainless steel are available. For safe and strain relieved cable supporting.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- All loops are equipped with galv. steel thimbles.
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
253050	MW 10/1	8-10	15	11	660	500/630	0,08
253060	MW 15/1	10-15	18	11	1020	500/640	0,10
253080	MW 20/1	15-20	18	11	1290	500/690	0,15
253100	MW 25/1	20-25	18	12	2040	500/690	0,16
253120	MW 30/1	25-30	18	12	2430	500/690	0,17
253140	MW 40/1	30-40	18	12	3510	500/760	0,22
253160	MW 50/1	40-50	20	13	4800	800/1000	0,35

253180	MW 60/1	50-60	20	16	4800	800/1000	0,45
253200	MW 70/1	60-70	20	16	6300	800/1200	0,55



Cable supporting grips for wind power plants, 1 loop, stainless steel

Cable supporting grips for wind power plants, 1 lateral loop. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter cable grips are handmade and therefore of high flexibility. They adapt easy at any difference in cable diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For strain-relief suspension of cables in plants.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the cable can be, depending on the cable diameter, much shorter.
- All loops are equipped with stainless steel thimbles.
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load

Code	Type	Cable-D	B	D	daN	L1/L2	kg
25330005	MWE 10/1	8-10	15	11	660	500/630	0,08
25331005	MWE 15/1	10-15	18	11	1020	500/640	0,10
25333005	MWE 20/1	15-20	18	11	1290	500/690	0,15
25335005	MWE 25/1	20-25	18	12	2040	500/690	0,16
25337005	MWE 30/1	25-30	18	12	2430	500/690	0,17
25339005	MWE 40/1	30-40	18	12	3510	500/760	0,22
25341005	MWE 50/1	40-50	20	13	4800	800/1000	0,35
25343005	MWE 60/1	50-60	20	16	4800	800/1000	0,45
25345005	MWE 70/1	60-70	20	16	6300	800/1200	0,55



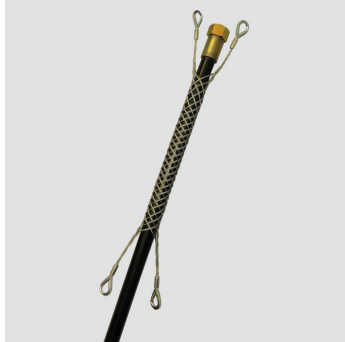
Hose securing grips, 2 loops

Hose securing grips with 2 loops, galvanized bowden wire. All Vetter securing grips are handmade therefore of high flexibility. They adapt easy at any difference in hose diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For all water-, hydraulic or other high pressure hoses.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the hose can be, depending on the hose diameter, much shorter.
- Up to SC 30 loops without thimbles, from SC 40 loops with steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Hose-D	B	D	daN	L1/L2	kg
24600006	SC 10/2	6-10	18	5	660	600/740	0,05
24601006	SC 15/2	10-15	18	5	1020	600/740	0,07
24603006	SC 20/2	15-20	18	5	1290	600/780	0,15
24605006	SC 25/2	20-25	18	5	2040	600/800	0,16
24608006	SC 30/2	25-30	18	5	2430	600/800	0,18

24614006	SC 40/2	30-40	18	11	3510	600/820	0,31
24619006	SC 50/2	40-50	20	12	4800	600/850	0,47
24625006	SC 60/2	50-60	20	15	4800	600/880	0,53
24630006	SC 70/2	60-70	20	15	6390	600/930	0,65
24635006	SC 90/2	70-90	20	15	8370	600/960	0,70



Hose securing grips, 2+2 loops

Hose securing grips with 2 loops on each end. This type is mainly used for short hoses, where two single grips would be too long. For all water-, hydraulic or other high pressure hoses. All Vetter securing grips are handmade therefore of high flexibility. They adapt easily at any difference in hose diameter and are therefore simple to handle. Material: galvanized bowden wire. Any other length or in stainless steel are available in short term. Please ask for offers.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the hose can be, depending on the hose diameter, much shorter.
- Up to SC 30 loops without thimbles, from SC 40 loops with steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Hose-D	B	D	daN	L1/L2	kg
246000065	SCD 10/2+2	6-10	18	5	660	600/900	0,10
246000075	SCD 10/2+2	6-10	18	5	660	840/1200	0,15
246000077	SCD 10/2+2	6-10	18	5	660	920/1200	0,20
246010065	SCD 15/2+2	10-15	18	5	1020	600/900	0,12
246010075	SCD 15/2+2	10-15	18	5	1020	840/1200	0,18
246010077	SCD 15/2+2	10-15	18	5	1020	920/1200	0,22
246030065	SCD 20/2+2	15-20	18	5	1290	600/960	0,20
246030075	SCD 20/2+2	15-20	18	5	1290	840/1200	0,25
246030077	SCD 20/2+2	15-20	18	5	1290	920/1200	0,30
246050065	SCD 25/2+2	20-25	18	5	2040	600/960	0,25
246050075	SCD 25/2+2	20-25	18	5	2040	840/1200	0,30
246050077	SCD 25/2+2	20-25	18	5	2040	920/1200	0,35
246080065	SCD 30/2+2	25-30	18	5	2430	600/960	0,30
246080075	SCD 30/2+2	25-30	18	5	2430	840/1200	0,35
246080077	SCD 30/2+2	25-30	18	5	2430	920/1200	0,40
246140065	SCD 40/2+2	30-40	18	11	3510	600/960	0,35
246140075	SCD 40/2+2	30-40	18	11	3510	840/1200	0,45
246140077	SCD 40/2+2	30-40	18	11	3510	920/1200	0,50
246190065	SCD 50/2+2	40-50	20	12	4800	600/960	0,55
246190075	SCD 50/2+2	40-50	20	12	4800	840/1200	0,65
246190077	SCD 50/2+2	40-50	20	12	4800	920/1200	0,70
246250065	SCD 60/2+2	50-60	20	15	4800	600/960	0,65
246250075	SCD 60/2+2	50-60	20	15	4800	840/1200	0,75
246250077	SCD 60/2+2	50-60	20	15	4800	920/1200	0,80
246300065	SCD 70/2+2	60-70	20	15	6390	600/960	0,75

246300075	SCD 70/2+2	60-70	20	15	6390	840/1200	0,85
246300077	SCD 70/2+2	60-70	20	15	6390	920/1200	0,90
246350065	SCD 90/2+2	70-90	20	15	8370	600/960	0,85
246350075	SCD 90/2+2	70-90	20	15	8370	840/1200	0,95
246350077	SCD 90/2+2	70-90	20	15	8370	920/1200	1,00



Hose securing grips, 2 loops, lateral divided

Hose securing grips with 2 loops, galvanized bowden wire. Lateral divided with binding strand. All Vetter securing grips are handmade therefore of high flexibility. They adapt easy at any difference in hose diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For all water-, hydraulic or other high pressure hoses.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the hose can be, depending on the hose diameter, much shorter.
- Up to SC 30 loops without thimbles, from SC 40 loops with steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Hose-D	B	D	daN	L1/L2	kg
24701006	SC 15/2G	10-15	18	5	1020	600/740	0,07
24703006	SC 20/2G	15-20	18	5	1290	600/780	0,15
24705006	SC 25/2G	20-25	18	5	2040	600/800	0,16
24708006	SC 30/2G	25-30	18	5	2430	600/800	0,18
24714006	SC 40/2G	30-40	18	11	3510	600/820	0,31
24719006	SC 50/2G	40-50	20	12	4800	600/850	0,47
24725006	SC 60/2G	50-60	20	15	4800	600/880	0,53
24730006	SC 70/2G	60-70	20	15	6390	600/930	0,61



Hose securing grips, 2 loops, stainless steel

Hose securing grips with 2 loops. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter securing grips are handmade therefore of high flexibility. They adapt easy at any difference in hose diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length are available.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the hose can be, depending on the hose diameter, much shorter.
- Up to SCE 30 loops without thimbles, from SCE 40 loops with stainless steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Hose-D	B	D	daN	L1/L2	kg
24600046	SCE 10/2	6-10	15	5	660	600/740	0,05
24601046	SCE 15/2	10-15	18	5	1020	600/740	0,07
24603046	SCE 20/2	15-20	18	5	1290	600/780	0,15

24605046	SCE 25/2	20-25	18	5	2040	600/800	0,16
24608046	SCE 30/2	25-30	18	5	2430	600/800	0,18
24614046	SCE 40/2	30-40	18	11	3510	600/820	0,31
24619046	SCE 50/2	40-50	20	12	4800	600/850	0,47
24625046	SCE 60/2	50-60	20	15	4800	600/880	0,53
24630046	SCE 70/2	60-70	20	15	6390	600/930	0,65
24635046	SCE 90/2	70-90	20	15	8370	600/960	0,70



Hose securing grips, 2 loops, lateral divided, stainless steel

Hose securing grips with 2 loops. Lateral divided with binding strand. Stainless steel bowden wire V4A/1.4401 with copper clamp. All Vetter securing grips are handmade therefore of high flexibility. They adapt easy at any difference in hose diameter and are therefore simple to handle. Other versions, e.g. reinforced, different length or in stainless steel are available. For all water-, hydraulic or other high pressure hoses.

- L1, the mentioned mesh lengths are without a cable in.
- The real length on the hose can be, depending on the hose diameter, much shorter.
- Up to SCE 30 loops without thimbles, from SCE 40 loops with stainless steel thimbles
- B = internal diameter of the loops in mm
- D = thickness of the loops in mm
- daN = minimum breaking load at equal pull on both loops

Code	Type	Hose-D	B	D	daN	L1/L2	kg
24701046	SCE 15/2G	10-15	18	5	1020	600/740	0,07
24703046	SCE 20/2G	15-20	18	5	1290	600/780	0,15
24705046	SCE 25/2G	20-25	18	5	2040	600/800	0,16
24708046	SCE 30/2G	25-30	18	5	2430	600/800	0,18
24714046	SCE 40/2G	30-40	18	11	3510	600/820	0,31
24719046	SCE 50/2G	40-50	20	12	4800	600/850	0,47
24725046	SCE 60/2G	50-60	20	15	4800	600/880	0,53
24730046	SCE 70/2G	60-70	20	15	6390	600/930	0,61



Hose securing loops

Hose securing loops for hose to gun or hose to hose. They adapt easy at any difference in hose diameter and are therefore simple to handle. Available in galv. steel or in stainless steel wire V4a, see table below. For all water-, hydraulic or other high pressure hoses. Minimum Braking Load for all these loops = 2200 daN.

Code	Type	Connection	Mat.	Hose-D	Length	kg
254800	FSG 00-060S	Hose-gun	Steel galv.	10-50 mm	600 mm	0,16
254804	FSS 10-060S	Hose-hose	Steel galv.	10-25 mm	600 mm	0,25
254808	FSS 20-080S	Hose-hose	Steel galv.	25-40 mm	800 mm	0,27
254812	FSS 40-120S	Hose-hose	Steel galv.	30-50 mm	1200 mm	0,33
254824	FSG 00-060V	Hose-gun	Stainless V4a	10-50 mm	600 mm	0,18
254828	FSS 10-060V	Hose-hose	Stainless V4a	10-25 mm	600 mm	0,27
254832	FSS 20-080V	Hose-hose	Stainless V4a	25-40 mm	800 mm	0,30
254836	FSS 40-120V	Hose-hose	Stainless V4a	30-50 mm	1200 mm	0,34