

ADE 1F2

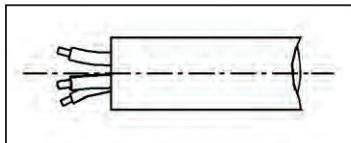
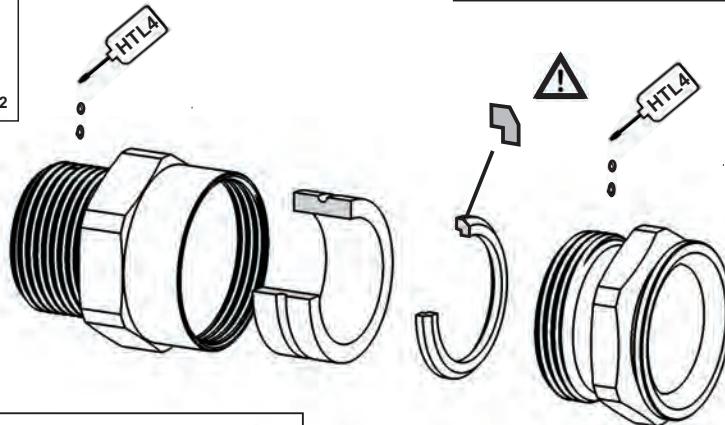
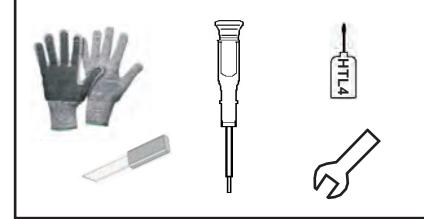
CAP184221



Edition 2013/01



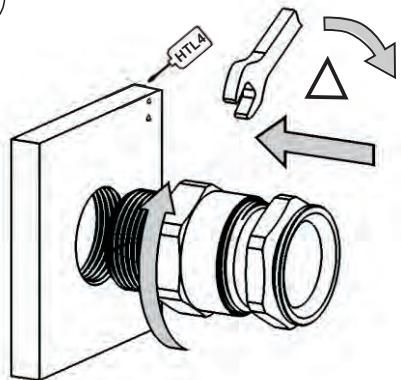
2/2



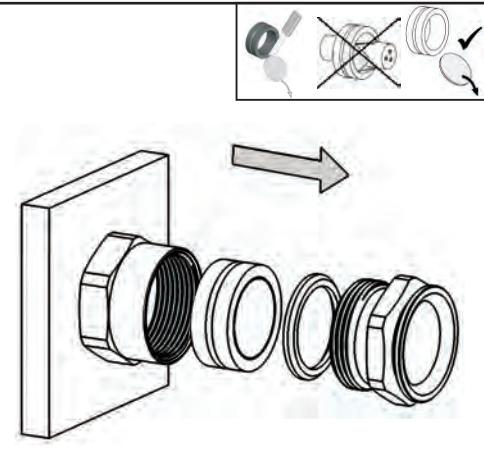
NPT	ISO	N/m
1/8"	M10	6,5
1/4"	M12	7,5
3/8"	M16	12,5
1/2"	M20	20
3/4"	M25	30
1"	M32	55
1"1/4	M40	75
1"1/2	M50	100
2"	M63	135
2"1/2	M75	175
3"	M90	300
3"1/2		400
4"	M110	480

ADE		N/m
N°	A (mm)	
3	2,75 - 5,5	6,5
4	4,5 - 8,5	7,5
5	7 - 12	12,5
6	10 - 16	20
7	13,5 - 21	30
8	18 - 27,5	55
9	23 - 34	75
10	29 - 41	100
11	35 - 48	135
12	42 - 56	175
13	50 - 65	240
14	58 - 74	300
15	66 - 83	400
16	75 - 93	480
17	85 - 104	610

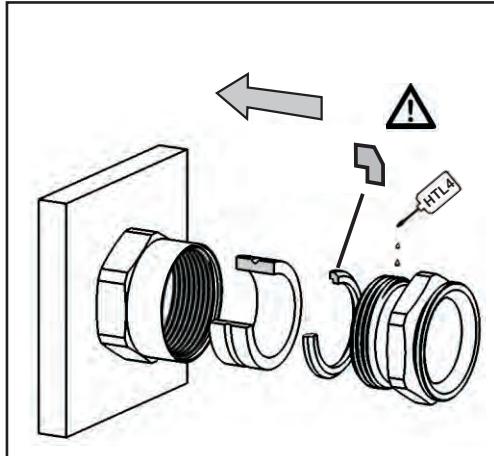
Nm
6,5
7,5
12,5
20
30
55
75
100
135
175
240
300
400
480



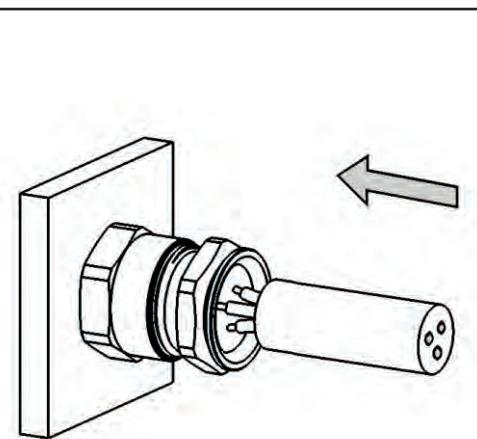
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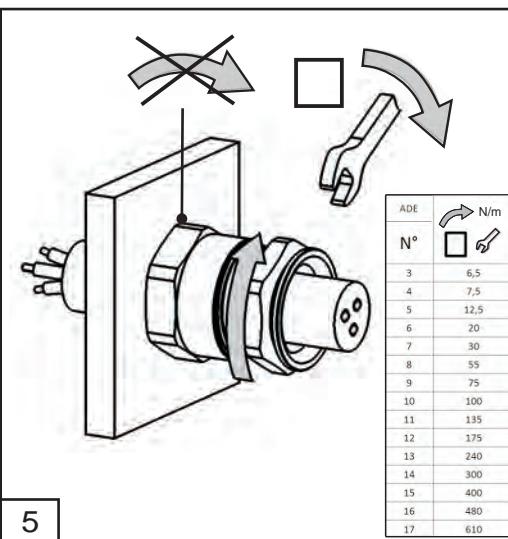
2



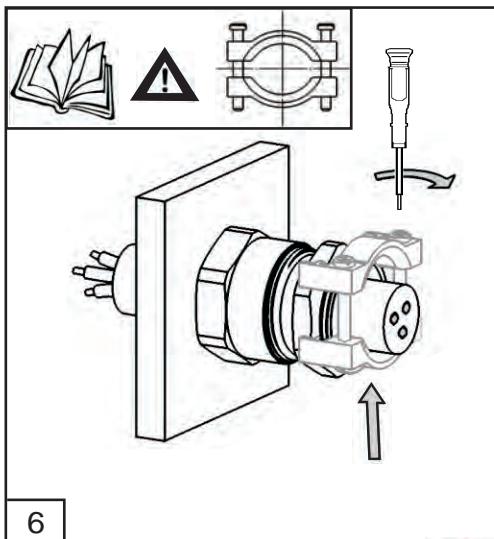
3



4



5



6

ADE 1F2

Anchorage

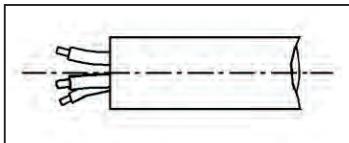
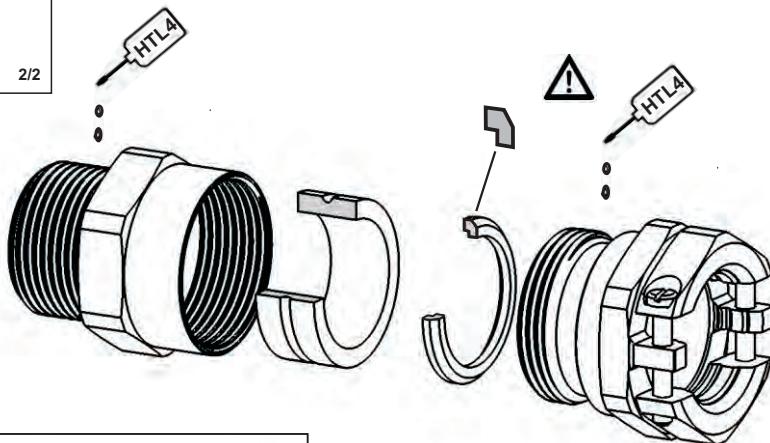
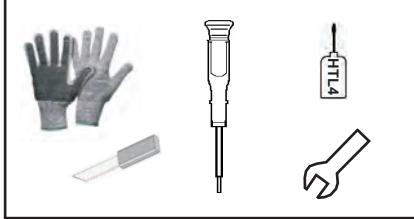
CAP184222



Edition 2013/01



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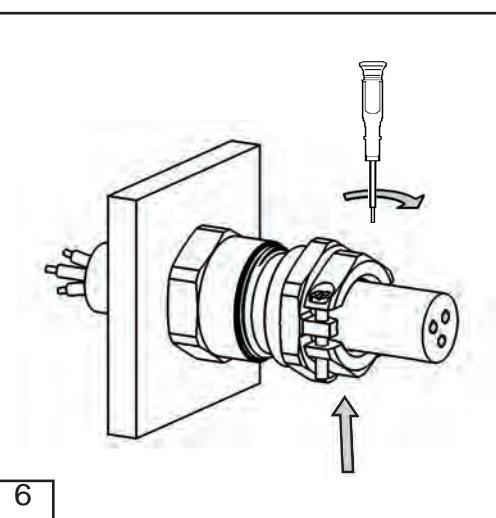
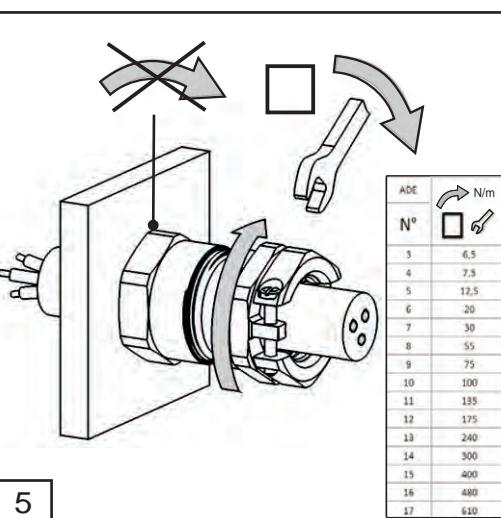
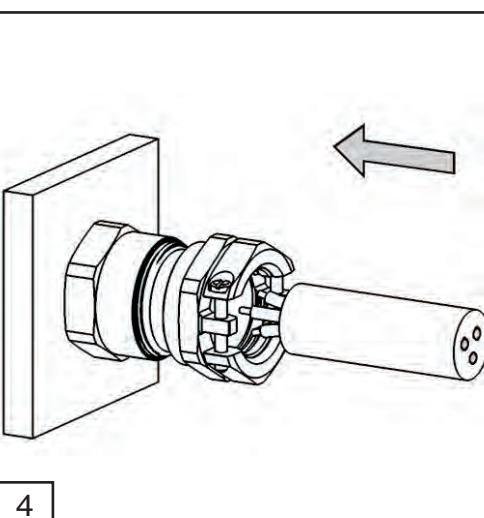
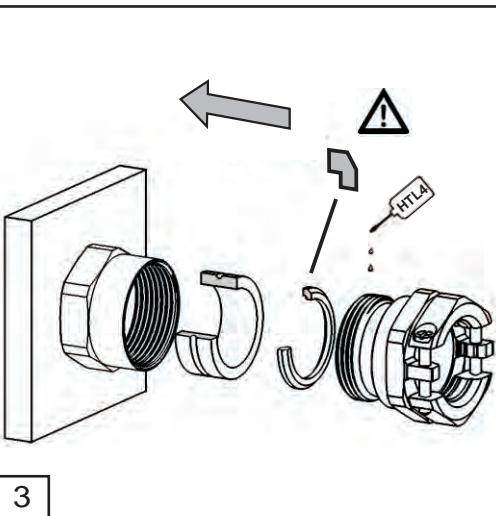
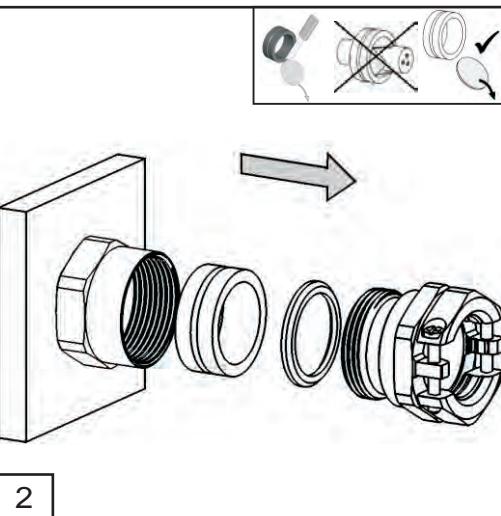
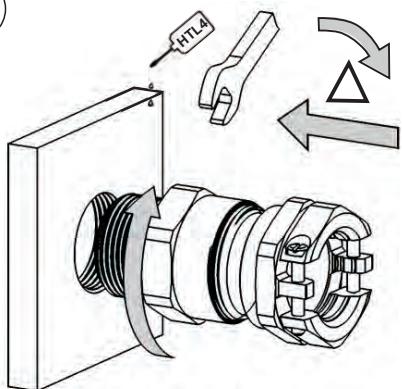


NPT	ISO	N/m
1/8"	M10	6,5
1/4"	M12	7,5
3/8"	M16	12,5
1/2"	M20	20
3/4"	M25	30
1"	M32	55
1 1/4"	M40	75
1 1/2"	M50	100
2"	M63	135
2 1/2"	M75	175
3"	M90	300
3 1/2"		400
4"	M110	480

N/m		
N°		N/m
3	2,75 - 5,5	6,5
4	4,5 - 8,5	7,5
5	7 - 12	12,5
6	10 - 16	20
7	13,5 - 21	30
8	18 - 27,5	55
9	23 - 34	75
10	29 - 41	100
11	35 - 48	135
12	42 - 56	175
13	50 - 65	240
14	58 - 74	300
15	66 - 83	400
16	75 - 93	480
17	85 - 104	610

	Nm
5,5	
7,5	
12,5	
20	
30	
55	
75	
100	
135	
175	
240	
300	
400	
480	

1



ADE- 1FC

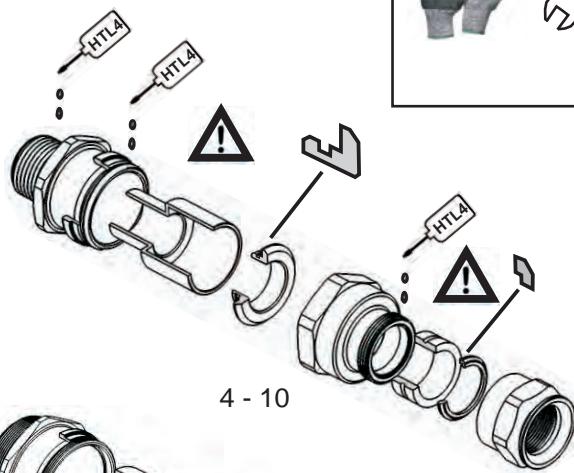
CAP184226



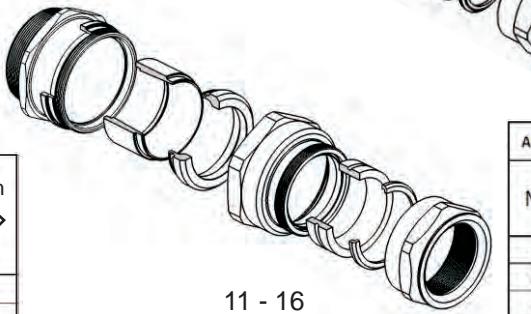
Edition 2013/01



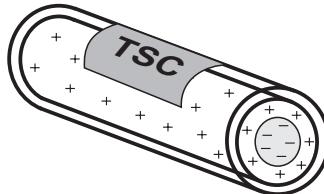
2/2



4 - 10

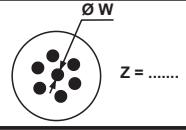
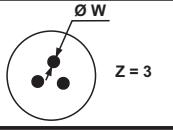
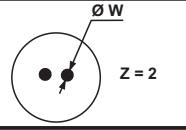
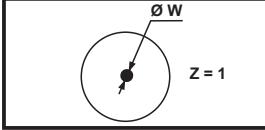


11 - 16

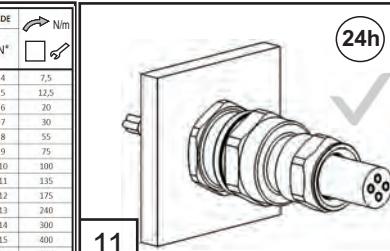
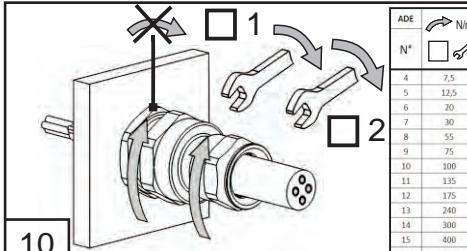
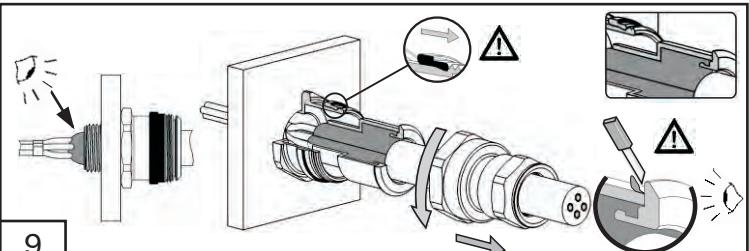
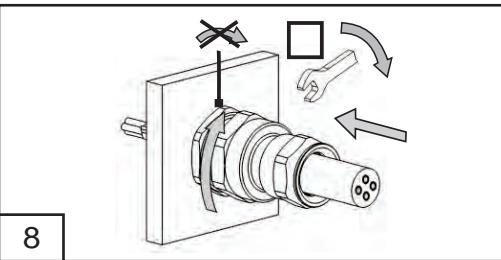
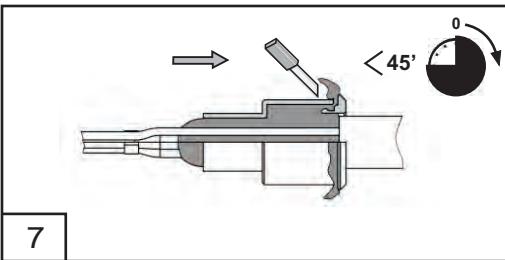
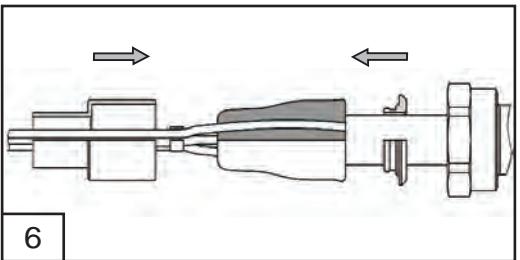
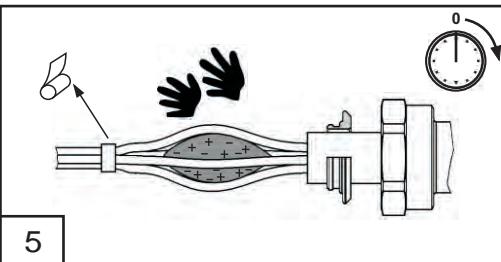
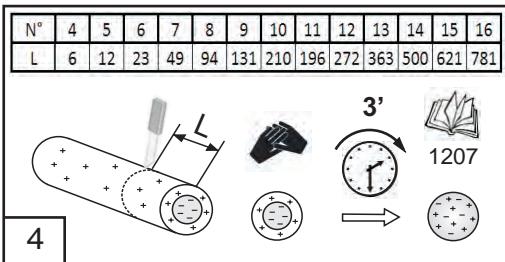
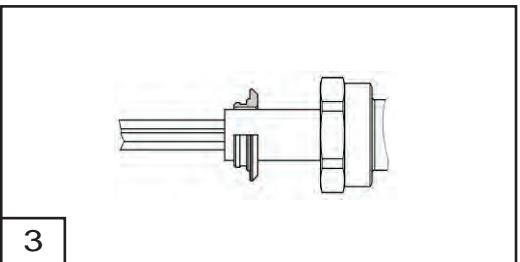
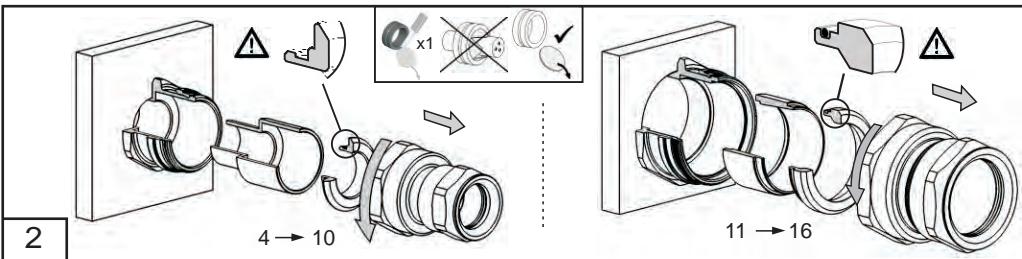
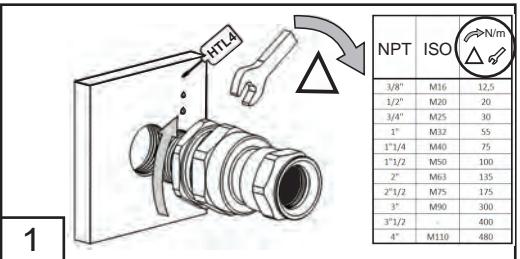


NPT	ISO	N/m
3/8"	M16	12,5
1/2"	M20	20
3/4"	M25	30
1"	M32	55
1 1/4"	M40	75
1 1/2"	M50	100
2"	M63	135
2 1/2"	M75	175
3"	M90	300
3 1/2"	-	400
4"	M110	480

ADE	N/m
N°	A (mm) B < (mm)
4	4 - 8 6,5 7,5
5	6 - 12 9,5 12,5
6	8,5 - 16 12 20
7	12 - 21 17 30
8	16 - 27,5 23 55
9	21 - 34 29 75
10	27 - 41 36 100
11	33 - 48 43 135
12	40 - 56 50 175
13	47 - 65 59 240
14	54 - 74 66 300
15	63 - 83 75 400
16	72 - 93 85 480



N°	Ø W												
4	6	4	3	1	1	1	1	1	1	1	1	1	1
5	6	4	3	2	1	1	1	1	1	1	1	1	1
6	10	8	6	4	3	2	1	1	1	1	1	1	1
7	21	15	11	8	7	5	4	3	3	3	2	1	1
8	42	33	23	17	13	9	8	7	7	6	5	4	4
9	60	46	32	26	20	17	14	12	11	9	8	7	6
10	80	58	42	33	28	23	21	18	16	14	12	10	9
11	100	86	67	55	46	37	31	26	22	19	16	15	13
12	100	86	73	63	52	43	36	33	29	26	23	21	19
13	120	113	98	89	80	60	44	39	34	30	26	24	22
14	140	133	115	97	81	71	62	54	46	41	36	33	30
15	140	134	121	108	89	77	68	68	61	46	43	38	35
16	200	188	157	137	115	101	86	78	68	61	55	49	46



ADE 4F

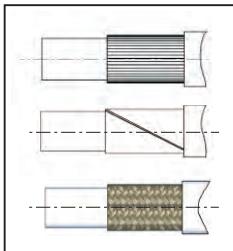
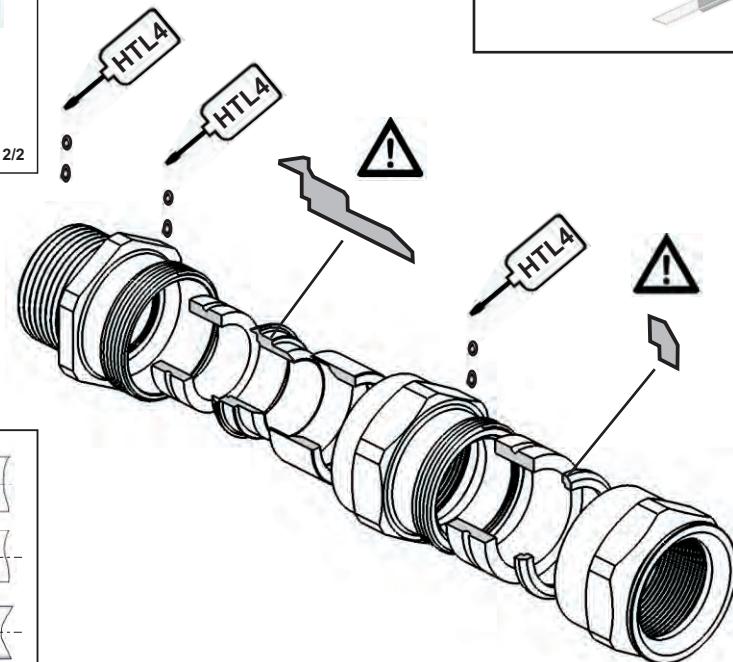
CAP184223



Edition 2013/01



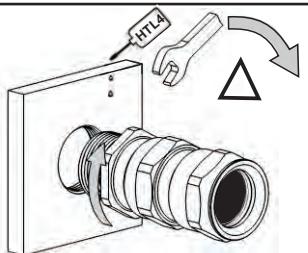
2/2



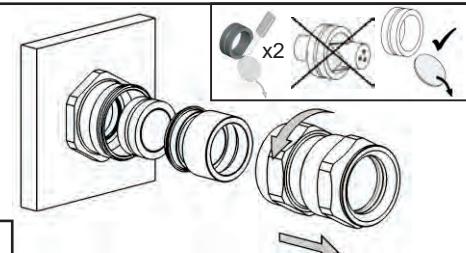
NPT	ISO	N/m	N/m			
			ADE	N°		
1/8"	M10	6,5		4	4,5 - 8,5	2,75 - 5,5
1/4"	M12	7,5		5	7 - 12	4,5 - 8
3/8"	M16	12,5		6	10 - 16	7 - 12
1/2"	M20	20		7	13,5 - 21	10 - 15,5
3/4"	M25	30		8	18 - 27,5	13,5 - 20,5
1"	M32	55		9	23 - 34	18 - 26
1"1/4	M40	75		10	29 - 41	23 - 34
1"1/2	M50	100		11	35 - 48	29 - 41
2"	M63	135		12	42 - 56	35 - 45
2"1/2	M75	175		13	50 - 65	42 - 53
3"	M90	300		14	58 - 74	50 - 62,5
3"1/2		400		15	66 - 83	58 - 73
4"	M110	480		16	75 - 93	66 - 78
				17	85 - 104	75 - 92
						0,2 - 3,15
						480
						610

NPT	ISO	Max Torque (Nm)
1/8"	M10	1.5
1/4"	M12	3.5
3/8"	M16	12.5
1/2"	M20	20
5/8"	M25	30
3/4"	M30	55
1"	M40	75
1 1/4"	M40	100
1 1/2"	M50	135
2"	M50	175
2 1/2"	M50	300
3 1/2"	M50	400
4"	M110	480

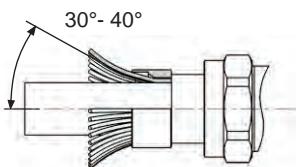
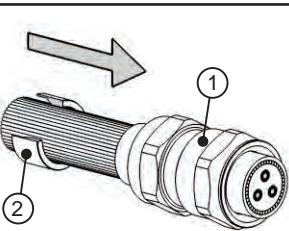
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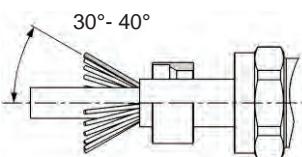
2



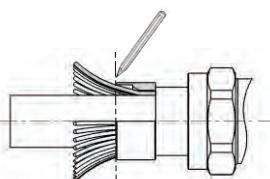
3



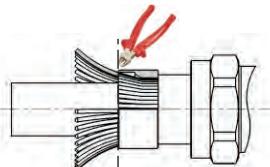
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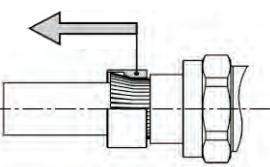
5



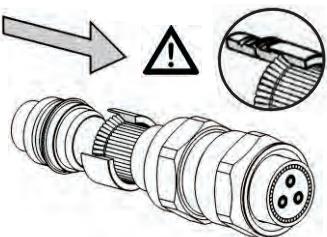
6



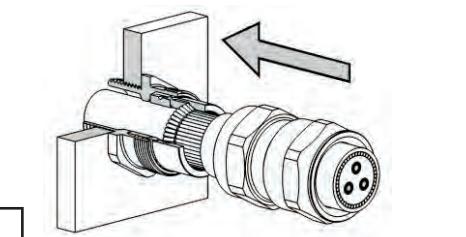
7



8



9



10

N°	Part	Max Torque (Nm)
4	7.5	5
5	12.5	10
6	20	30
7	30	55
8	55	75
9	75	100
10	100	135
11	135	175
12	175	240
13	240	300
14	300	400
15	400	480
16	480	610

ADE 6F

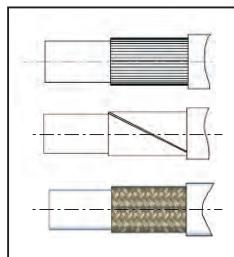
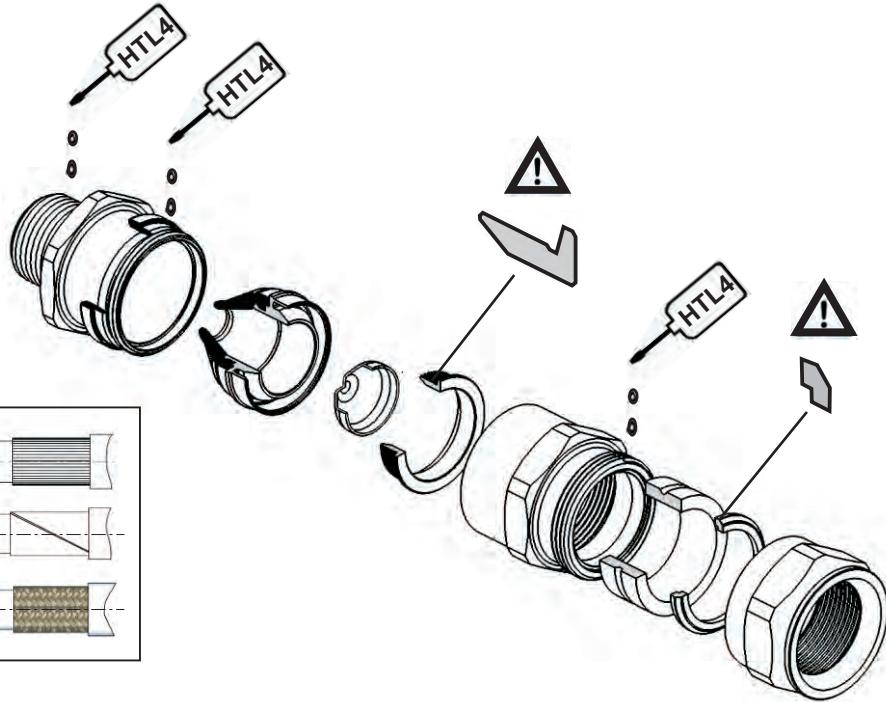
CAP184225



Edition 2013/01



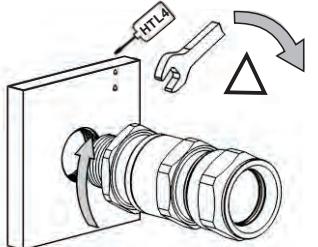
2/2



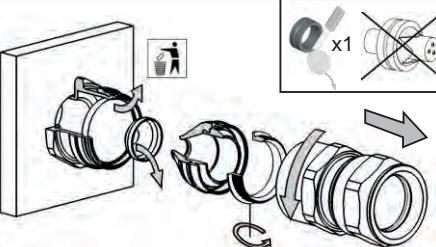
NPT	ISO	N/m	ADE	N/m
			N°	
3/8"	M16	12,5	5	6 - 12 3 - 7,5 0,2 - 0,9 12,5
1/2"	M20	20	6	8,5 - 16 6,5 - 11 0,2 - 1,25 20
3/4"	M25	30	7	12 - 21 9 - 14,5 0,2 - 1,25 30
1"	M32	55	8	16 - 27,5 12 - 19,5 0,2 - 1,6 55
1"1/4	M40	75	9	21 - 34 17,5 - 26 0,2 - 1,6 75
1"1/2	M50	100	10	27 - 41 23 - 33 0,2 - 2,0 100
2"	M63	135	11	33 - 48 28,5 - 41 0,2 - 2,5 135

NPT	ISO	
1/8"	M10	
3/16"	M12	3.5
5/32"	M16	12.0
1/4"	M20	20
5/16"	M25	30
3/8"	M30	35
7/16"	M40	40
1/2"	M50	50
9/16"	M63	115
5/8"	M72	175
11/16"	M90	300
3/4"	M110	400
7/8"	M130	480

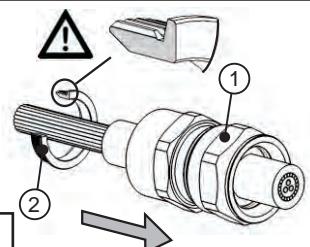
1



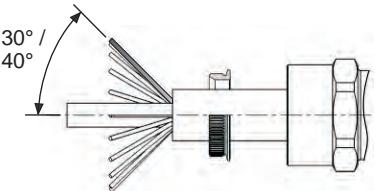
2



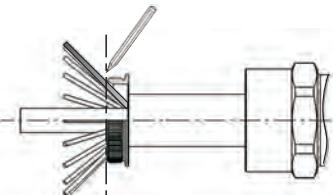
3



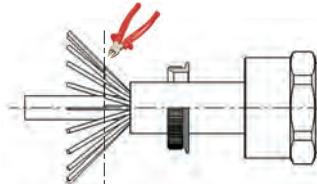
4



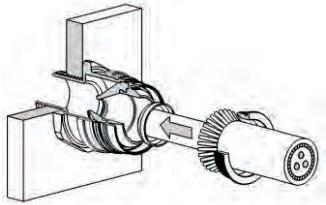
5



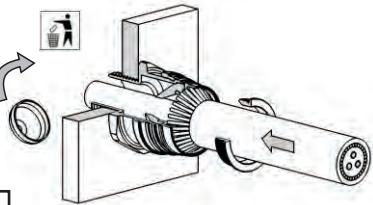
6



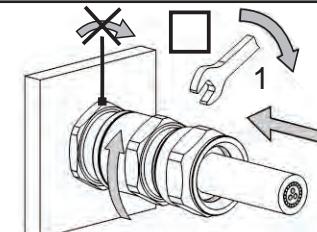
7



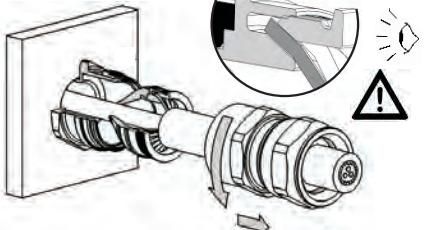
8



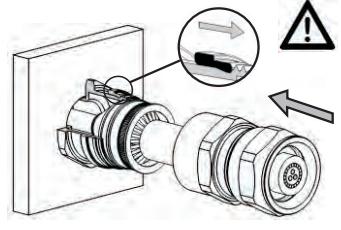
9



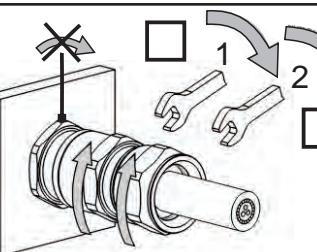
10



11



12



N°	Ø mm
4	7.5
6	12.5
8	20
10	30
12	55
14	100
16	135
18	175
20	240
22	300
24	400
26	480
28	610

ADE- 6FC

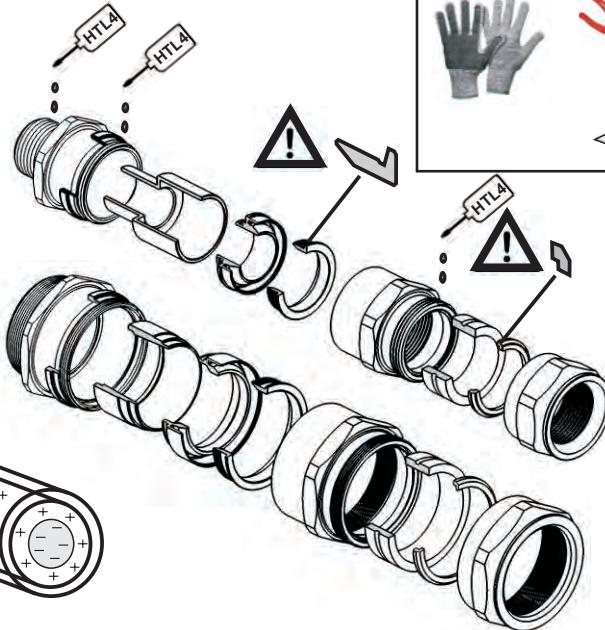
CAP184227



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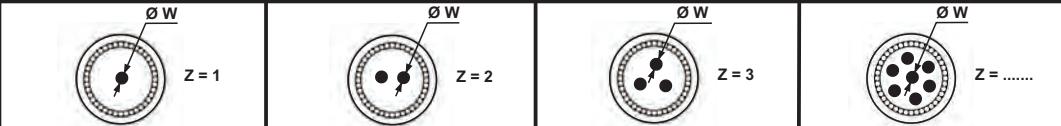
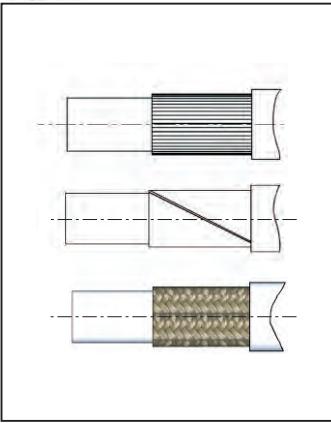


5 - 11

12 - 17

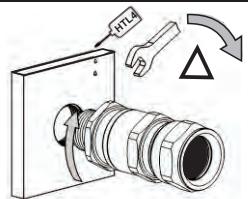
NPT	ISO	
3/8"	M16	12,5
1/2"	M20	20
3/4"	M25	30
1"	M32	55
1"1/4	M40	75
1"1/2	M50	100
2"	M63	135
2"1/2	M75	175
3"	M90	300
3"1/2	-	400
4"	M110	480

ADE	N°		→ N/m		
	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
5	6 - 12	8	0,2 - 0,9	6,5	12,5
6	8,5 - 16	12	0,2 - 1,25	9,5	20
7	12 - 21	16	0,2 - 1,25	12	30
8	16 - 27,5	21	0,2 - 1,6	17	55
9	21 - 34	27	0,2 - 1,6	23	75
10	27 - 41	34	0,2 - 2,0	29	100
11	33 - 48	41	0,2 - 2,5	36	135
12	40 - 56	48	0,2 - 2,5	43	175
13	47 - 65	56	0,2 - 2,5	50	240
14	54 - 74	65	0,2 - 2,5	59	300
15	63 - 83	73	0,2 - 3,15	66	400
16	72 - 93	82	0,2 - 3,15	75	480
17	85 - 104	92	0,2 - 3,15	85	610

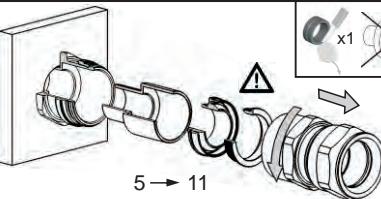


NPT	ISO	Nm
1/8"	M12	20
1/4"	M20	30
3/8"	M28	50
1/2"	M32	70
5/8"	M38	100
3/4"	M44	150
7/8"	M52	210
1"	M63	270
9/16"	M90	400
5/8"	M100	500

1

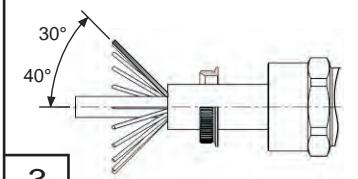
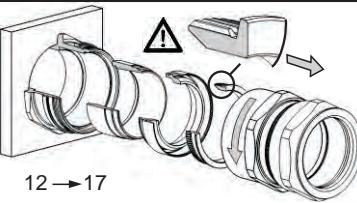


2

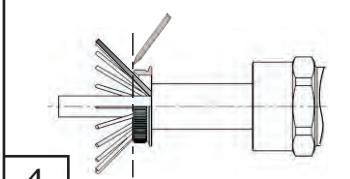


5 → 11

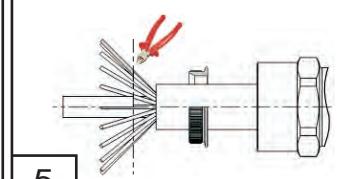
12 → 17



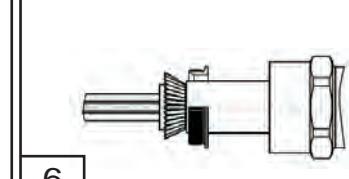
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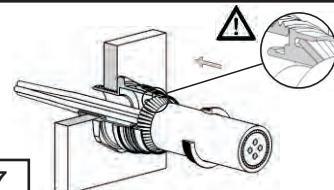
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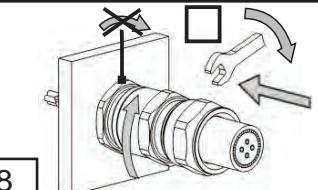
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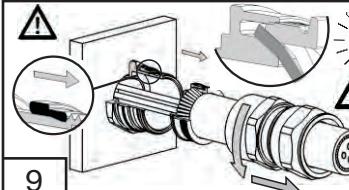
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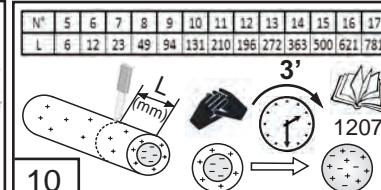
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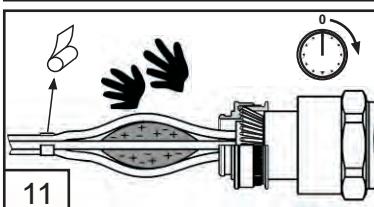
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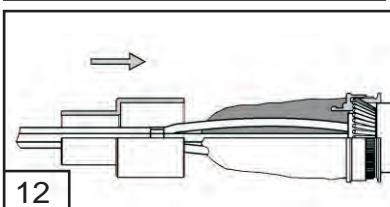
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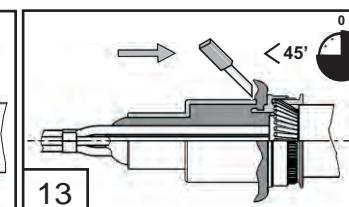
10



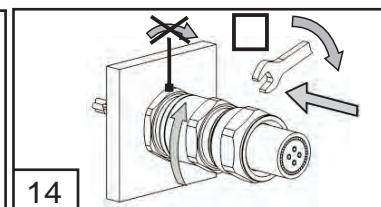
11



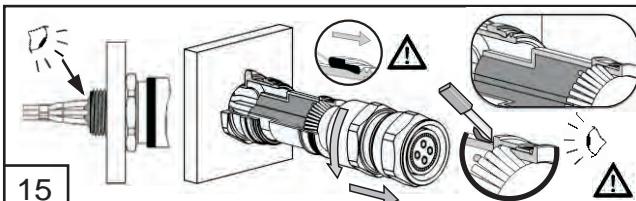
12



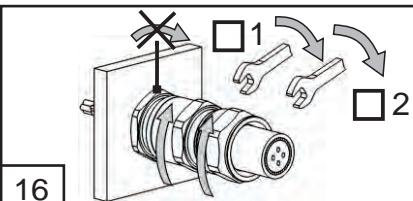
13



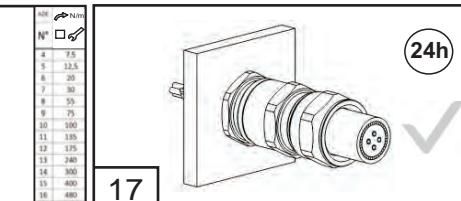
14



15



16



17

24h

