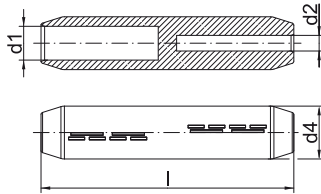


Reduction compression joints, Al, barrier type



- ▶ For non-tension connections of aluminium conductors to DIN EN 60228 and aluminium cables to DIN EN 50182
- ▶ In nominal cross-section area tube dimension to DIN 46267, part 2
- ▶ For pre-rounded sector shaped conductors
- ▶ Ideal for connecting differing conductor cross-sections
- ▶ Filled with contact grease for optimum crimp characteristics

Characteristics

- Barrier design with oil stop
- Unique tool assignment due to DIN die coding
- Easy to process due to crimp markings
- Simple cable entry due to internal chamfer

Material

- E-aluminium

Surface

- Bright

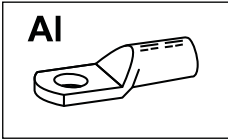
Technical instructions

- Tools: see chart page 103

Additional information

- re = round single solid wire, rm = round multi-stranded, se = sector shaped single solid wire, sm = sector shaped multi-stranded, sector shaped conductors must be pre-rounded

Part No.	Nominal cross section mm ²				Code	Dimension mm				Number of crimps		Weight 100 pcs. ~kg	Packing unit/pcs
	re/se from	rm/sm from	re/se to	rm/sm to		d1	d2	d4	l	Al (7 mm)	Al (wide)		
425R25	50	35	35	25	14	8.0	6.8	14	95	4/4	2/2	2.8	5
426R35	70	50	50	35	16	9.8	8.0	16	95	4/4	2/2	3.45	5
428R50	120	95	70	50	22	13.2	9.8	22	105	4/4	2/2	7.60	5
428R70	120	95	95	70	22	13.2	11.2	22	105	4/4	2/2	7.35	5
429R70	150	120	95	70	22	14.7	11.2	23	110	4/4	2/2	7.10	5
429R95	150	120	120	95	22	14.7	13.2	23	110	4/4	2/2	6.55	5
430R70	185	150	95	70	25	16.3	11.2	25	110	4/4	2/2	9.80	5
430R95	185	150	120	95	25	16.3	13.2	25	110	4/4	2/2	9.50	5
430R120	185	150	150	120	25	16.3	14.7	25	110	4/4	2/2	8.65	5
431R70	240	185	95	70	28	18.3	11.2	28.5	130	--	2/2	15.05	5
431R95	240	185	120	95	28	18.3	13.2	28.5	130	--	2/2	14.40	5
431R120	240	185	150	120	28	18.3	14.7	28.5	130	5/5	2/2	13.70	5
431R150	240	185	185	150	28	18.3	16.3	28.5	130	5/5	2/2	13.05	5
432R120	300	240	150	120	32	21.0	14.7	32	130	--	2/2	18.80	5
432R150	300	240	185	150	32	21.0	16.3	32	130	5/5	2/2	18.125	5
432R185	300	240	240	185	32	21.0	18.3	32	130	5/5	2/2	17.275	5
433R150	-	300	185	150	34	23.3	16.3	34	135	5/5	2/2	21.10	1
433R185	-	300	240	185	34	23.3	18.3	34	135	5/5	2/2	20.12	1
433R240	-	300	300	240	34	23.3	21.0	34	135	5/5	2/2	18.73	1
434R300	-	400	-	300	38	26.0	23.3	34	165	--	3/3	31.20	1



Tool application chart

Compression cable lugs and connectors made from E-AI

Compression cable lugs for full-tension connections from AI conductors DIN EN 50182, 16 - 95 mm²

Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	10 - 70	K354		236	317	
	10 - 185	K18		238	325	
	10 - 300	K22		240	330	
Hand hydraulic crimping tools	10 - 185	HK6018		280	325	
		HK60UNV	+UA18	465	325	
	10 - 300	HK6022		282	330	
		HK60UNV	+UA22	465	330	
		HK12030		286	336	
		HK12042		288	336	
		HK120U		290	336	
Battery powered crimping tools	10 - 70	EK354ML		250	317	
		EK354		256	317	
	10 - 150	EK505		258	321	
	10 - 185	EK5018		260	325	
		EK60UNV	+UA18	468	325	
		EKM60UNV	+UA18	467	325	
	10 - 300	EK6022		264	330	
		EKM6022		262	330	
		50 - 240	EKM60ID*		268	
	10 - 300	EK60UNV	+UA22	468	330	
		EKM60UNV	+UA22	467	330	
		EK120UNV		469		
		EK12032		270	336	
		EK12042		272	336	
		EK120U	+UA15T	274	336	
		EK135FT	+UA12T	276	336	
Hydraulic crimping systems	10 - 185	THK18		294	325	
	10 - 300	THK22		296	330	
		THK120		300	336	
	10 - 500	HK252	+25A13	308	336 + 340	
	150 - 500	HK45		309	342	
Hydraulic crimping heads	10 - 185	PK18		294	325	
		PK60UNV	+UA18	466	325	
	10 - 300	PK22		296	330	
		PK60UNV	+UA22	466	330	
		PK12042		300	336	
		PK120U		302	336	
	10 - 500	PK252	+25A13	304	336 + 340	
	50 - 240	PK60ID*		299		
	150 - 500	PK45		306	342	

* Not suitable for full-tension connections