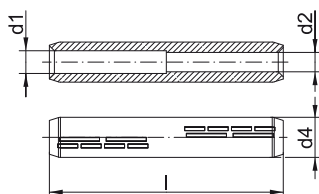




Reduction-compression joints, Al



- ▶ For non-tension connections of aluminium conductors to DIN EN 60228 and aluminium cables to DIN EN 50182
- ▶ For pre-rounded sector shaped conductors
- ▶ In nominal cross-section area tube dimension to DIN 46267, part 2
- ▶ With code number for clear tool assignment
- ▶ Filled with contact grease for optimum crimp characteristics

Characteristics

- For connecting different conductor cross-sections
- Easy to process due to crimp markings
- Simple cable entry due to internal chamfer

Material

- E-aluminium

Surface

- Bright

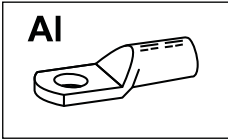
Technical instructions

- Tool: see 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)		
284R16	35	25	25	16	12	6.8	5.8	12	70	4/4	2/2	1.53	10
285R25	50	35	35	25	14	8.0	6.8	14	85	5/5	2/2	2.50	10
286R25	70	50	35	25	16	9.8	6.8	16	85	5/5	2/2	3.24	10
286R35	70	50	50	35	16	9.8	8.0	16	85	5/5	2/2	3.09	10
287R25	95	70	35	25	18	11.2	6.8	18.5	105	6/6	3/3	5.50	10
287R35	95	70	50	35	18	11.2	8.0	18.5	105	6/6	3/3	5.35	10
287R50	95	70	70	50	18	11.2	9.8	18.5	105	6/6	3/3	4.96	10
288R25	120	95	35	25	22	13.2	6.8	22	105	6/6	3/3	9.10	10
288R35	120	95	50	35	22	13.2	8.0	22	105	6/6	3/3	8.90	10
288R50	120	95	70	50	22	13.2	9.8	22	105	6/6	3/3	8.51	10
288R70	120	95	95	70	22	13.2	11.2	22	105	6/6	3/3	8.15	10
289R70	150	120	95	70	22	14.7	11.2	23	105	6/6	3/3	7.66	10
289R95	150	120	120	95	22	14.7	13.2	23	105	6/6	3/3	7.14	10
290R70	185	150	95	70	25	16.3	11.2	25	125	6/6	3/3	11.70	10
290R95	185	150	120	95	25	16.3	13.2	25	125	6/6	3/3	11.05	10
290R120	185	150	150	120	25	16.3	14.7	25	125	6/6	3/3	10.49	10
291R120	240	185	150	120	28	18.3	14.7	28.5	125	6/6	3/3	13.80	5
291R150	240	185	185	150	28	18.3	16.3	28.5	125	6/6	3/3	13.19	5
292R95	300	240	120	95	32	21.0	13.2	32	145	--	3/3	22.24	5
292R120	300	240	150	120	32	21.0	14.7	32	145	--	3/3	21.59	5
292R150	300	240	185	150	32	21.0	16.3	32	145	--	3/3	20.87	5



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