



Un-insulated cable lugs and connectors



Wires jointing techniques

Joining tools help making detachable or permanent connections between wires of different types and cross-sections or between wires and other electric elements. It is recommended to use joining elements made of the same material (copper or aluminium), to avoid flow transition resistances, electrochemical potential differences and overheating of transition points. Our products are adapted for various purposes, like electrical installations in buildings or motor vehicles, and cover all requirements in the cross-section range 0,5 ... 625 mm², for insulated or non-insulated joints.

Un-insulated ring type cable lug

From tinned copper

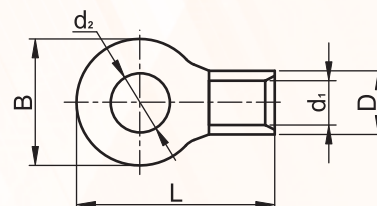


RELEVANT STANDARD

MSZ-05-45.1601-1
EN 61238-1

TÜV MEEI TEST DOCUMENTATION

V-07008



Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	B (mm)	Wire (mm²)			Suggested crimping tools					
						Solid	Twisted	Flexible	Hexagonal profile			Semicircle profile		
SZ1.5-3	2,3	4,3	4	16	8.4	1.5-2.5	1.5-2.5	1-1.5	D31; D31E	HD156; HD156R	KH14	KH16	KH8	
SZ1.5-4	2,3	4.3	4	16	8.4									
SZ1.5-5	2,3	5.3	4	16	8.4									
SZ1.5-6	2,3	6.4	4	21.5	11.6									
SZ1.5-8	2,3	8.4	4	21.5	11.6									
SZ1.5-10	2,3	10.5	4	25.5	13.7									
SZ2.5-4	3	4.3	5	17.8	8	4-6	2.5-4	2.5-4		D31; D31E	HD156; HD156R	KH14	KH16	KH8
SZ2.5-5	3	5.3	5	17.8	8									
SZ2.5-6	3	6.4	5	21	12									
SZ2.5-8	3	8.4	5	27.5	15									
SZ2.5-10	3	10.5	5	27.5	15									
SZ2.5-12	3	13	5	30.8	18.9									
SZ2.5-16	3	17	5	41.2	26.7	4-6	(2.5)4-6	(2.5)4-6	D31; D31E		HD156; HD156R	KH14	KH16	KH8
SZ4-4	3.4	4.3	5.5	19	9.6									
SZ4-5	3.4	5.3	5.5	19.6	9.6									
SZ4-6	3.4	6.4	5.5	23	12									
SZ4-8	3.4	8.4	5.5	27.6	15									
SZ4-10	3.4	10.5	5.5	27.6	15									
SZ10-4	4,5	4.3	7.1	23.8	12	6-10	(4)6-10	4-6		D31; D31E	HD156; HD156R	KH14	KH16	KH8
SZ10-5	4,5	5.3	7.1	23.8	12									
SZ10-6	4,5	6.4	7.1	23.8	12									
SZ10-8	4,5	8.4	7.1	29.7	15									
SZ10-10	4,5	10.5	7.1	29.7	15									
SZ10-12	4,5	13	7.1	32.8	19									
SZ16-5	5.8	5.3	9	28	12	16-25	10-16	6-10	D31; D31E		HD156; HD156R	KH14	KH16	KH8
SZ16-6	5.8	6.4	9	28	12									
SZ16-8	5.8	8.4	9	32.2	16									
SZ16-10	5.8	10.5	9	32.2	16									
SZ16-12	5.8	13	9	40.9	22									



Un-insulated cable lugs and connectors



Un-insulated ring type cable lug

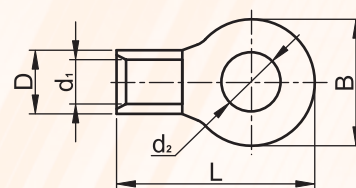
From tinned copper

RELEVANT STANDARD

MSZ-05-45.1601-1

RELEVANT STANDARD

EN 61238-1



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Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	B (mm)	Wire (mm ²)			Suggested crimping tools	
						Solid	Twisted	Flexible	Hexagonal profile	Semicircle profile
SZ25-5	7.7	5.3	11.5	33.7	16.4	25-35	16-25	10-16	HX50B	D31; D31E
SZ25-6	7.7	6.4	11.5	33.7	16.4					
SZ25-8	7.7	8.4	11.5	33.7	16.4					
SZ25-10	7.7	10.5	11.5	36.7	17.4					
SZ25-12	7.7	13	11.5	42.6	22					
SZ35-6	9.4	6.4	13.5	42.8	22.1	50-70	35-50	25-35	HX120B	D51; D55E
SZ35-8	9.4	8.4	13.5	42.8	22.1					
SZ35-10	9.4	10.5	13.5	42.8	22.1					
SZ35-12	9.4	13	13.5	42.8	22.1					
SZ50-6	11.4	6.4	15.5	50	22	70-95	50-70	35-50	HX150B	D62E
SZ50-8	11.4	8.4	15.5	50	22					
SZ50-10	11.4	10.5	15.5	50	22					
SZ50-12	11.4	13	15.5	47.2	22					
SZ50-16	11.4	17	15.5	57.4	32					
SZ70-6	13.3	6.4	17.5	51	24	95-120	70-95	50-70	C130L	KH120
SZ70-8	13.3	8.4	17.5	51	24					
SZ70-10	13.3	10.5	17.5	51	24					
SZ70-12	13.3	13	17.5	51	24					
SZ70-16	13.3	17	17.5	60.7	31.8					
SZ95-8	14.5	8.4	19.5	54	27	120-150	95-120	50-70	C130L	KH120
SZ95-10	14.5	10.5	19.5	54	27					
SZ95-12	14.5	13	20.5	54	23.8					
SZ95-16	14.5	17	20.5	58	27.8					
SZ120-8	16.4	8.4	22.5	56	28.4	-	120-150	70-95	C130L	KH120
SZ120-10	16.4	10.5	22.5	56	28.4					
SZ120-12	16.4	13	22.5	55.6	28.4					
SZ120-16	16.4	17	22.5	69	32					
SZ150-10	19.5	10.5	26.5	65.8	36	-	185	150	C130L	KH120
SZ150-12	19.5	13	26.5	65.8	36					
SZ150-16	19.5	17	26.5	65.8	36					
SZ150-20	19.5	21	26.5	80.5	36					
SZ150-24	19.5	25	26.5	80.5	36					
SZ185-10	21	10.5	28.5	68.8	38.4	-	240	150-185	C130L	KH120
SZ185-12	21	13	28.5	68.8	38.4					
SZ185-16	21	17	28.5	68.8	35.8					
SZ185-20	21	21	28.5	87	38.8					
SZ185-24	21	25	28.5	87	38.8					
SZ240-10	24	10.5	32.5	71.5	44	-	300	185-240	C130L	KH120
SZ240-12	24	13	32.5	71.5	44					
SZ240-16	24	17	32.5	71.5	44					
SZ240-20	24	21	32.5	90.6	44					
SZ240-24	24	25	32.5	90.6	44					



Un-insulated cable lugs and connectors



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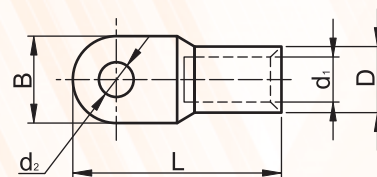
Un-insulated ring-tube type cable lug

From tinned copper



RELEVANT STANDARD

MSZ-05-45.1601-1
EN 61238-1



Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	B (mm)	Wire (mm ²)			Suggested crimping tools	
						solid	twisted	flexible	Hexagonal profile	Semicircle profile
CL1.5-3	1.9	3.7	3.4	17	8	1.5-2.5	1.5	1-1.5		
CL1.5-4	1.9	4.3	3.4	17	8					
CL1.5-5	1.9	5.5	3.4	17	8.5					
CL2.5-4	2.4	4.3	3.9	18	8	2.5-4	2.5	1.5		
CL2.5-5	2.4	5.3	3.9	18	8					
CL2.5-6	2.4	6.4	3.9	19	10					
CL4-5	2.8	5.3	4.5	20.5	10	4-6	4	2.5		
CL4-6	2.8	6.4	4.5	20.5	10					
CL6-5	3.8	5.3	5.5	23	10	10	6	4		
CL6-6	3.8	6.4	5.5	23.5	10					
CL6-8	3.8	8.4	5.5	24.5	12.4					
CL10-6	4.4	6.5	6.1	24.5	10.2	10-16	10	6		
CL10-8	4.4	8.6	6.1	25.5	12.6					
CL16-6	5.4	6.4	7.1	30	10.2	16	16	10		
CL16-8	5.4	8.4	7.1	30	12.7					
CL25-6	6.8	6.4	8.8	30	12.6	25-35	25	16		
CL25-8	6.8	8.4	8.6	30	12.4					
CL25-10	6.8	10.5	8.8	31	15					
CL35-6	8.2	6.4	10.5	35	15.3	50	35	25		
CL35-8	8.2	8.4	10.5	35	15.3					
CL35-10	8.2	10.5	10.5	35	15.3					
CL35-12	8.2	13	10.5	36.5	18.6					
CL50-8	9.5	8.4	12.5	43	18	70	50	35		
CL50-10	9.5	10.5	12.5	43	18					
CL50-12	9.5	13	12.5	43	19					
CL70-8	11.2	8.4	16.5	50	23	95	70	50		
CL70-10	11.2	10.5	14.5	50	21					
CL70-12	11.2	13	14.5	50	21					
CL95-10	13.5	10.5	17.2	55	25	120	95	70		
CL95-12	13.5	13	17.2	55	25.5					
CL120-10	14.5	10.5	19.2	60	28	150	120	70-95		
CL120-12	14.5	13	19.2	60	28					
CL120-16	14.5	17	19.2	60	28					
CL150-12	16.5	13	20.8	69	30.5	-	150	95		
CL150-14	16.5	14	20.8	72	30.5					
CL150-16	16.5	17	20.8	75	31					
CL185-12	18	13	23.2	78	35	-	185	120-150		
CL185-14	18.5	15	23.2	78	35					
CL185-16	18	17	23.2	78	35					
CL240-14	21	15	26	90	38.3	-	240	150-185		
CL240-16	20.3	17	26	90	38.3					
CL300-16	23.5	17	30	100	43.5	-	300	185-240		
CL400-16	28.5	17	36.5	115	53	-	400	300		
CL400-20	28.5	21	36.5	115	53	-	400	300		
CL500-16	29.5	17	39	125	56	-	500	300		
CL625-16	34.5	17	44	130	62	-	625	400		

EVPÚ CERTIFICATE NO.

02337/101/1/2001



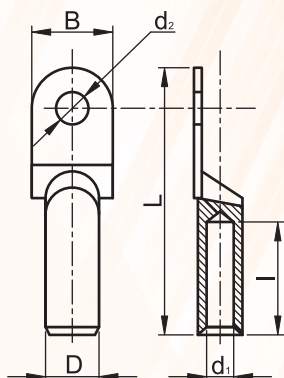
Un-insulated cable lugs and connectors



Un-insulated long ring-tube type cable lug from aluminum

With mechanical surface treatment

A



RELEVANT STANDARD

EN 61238-1
MSZ-05-45.1601-1
MSZ-05-45.1601-22

TÜV MEEI TEST DOCUMENTATION

D0409V061



Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	I (mm)	B (mm)	Wire (mm ²)		Suggested crimping tools
							Solid	Twisted	
AS16-6	5.5	6.4	8.5	65	32	13	25	16	HX50B
AS16-8	5.5	8.4	8.5	69	32	13	25	16	
AS25-6	7	6.4	10	68	32	14	35	25	
AS25-8	7	8.4	10	72	32	16	35	25	
AS25-10	7	10.5	10	74	32	17	35	25	
AS35-6	8.2	6.4	12.5	59	32	15	50	35	
AS35-8	8.2	8.4	12.5	77	32	17	50	35	
AS35-10	8.2	10.5	12.5	80	32	19	50	35	
AS35-12	8.2	13	12.5	81	32	21	50	35	
AS50-8	10	8.4	14.5	91	45	20	70	50	
AS50-10	10	10.5	14.5	94	45	22	70	50	
AS50-12	10	13	14.5	95	45	24	70	50	
AS70-8	11.5	8.4	16.5	95	45	24	95	70	HX120B
AS70-10	11.5	10.5	16.5	98	45	24	95	70	
AS70-12	11.5	13	16.5	100	45	24	95	70	
AS95-10	13.5	10.5	19	112	56	28	120	95/120	
AS95-12	13.5	13	19	113	56	28	120	95/120	
AS120-10	15.5	10.5	21	119	56	32	150	120/150	
AS120-12	15.5	13	21	121	56	32	150	120/150	
AS120-14	15.5	15	21	98	56	32	150	120/150	
AS120-16	15.5	17	21	125	56	32	150	120/150	
AS150-10	17	10.5	23.5	130	56	34	185	150	
AS150-12	17	13	23.5	132	56	34	185	150	
AS150-14	17	15	23.5	109	56	34	185	150	
AS150-16	17	17	23.5	136	56	34	185	150	HX150B
AS185-10	19	10.5	25.5	136	64	37	240	185	
AS185-12	19	13	25.5	137	64	37	240	185	
AS185-14	19	15	25.5	115	64	37	240	185	
AS185-16	19	17	25.5	142	64	37	240	185	
AS240-12	21.5	13	29	151	64	42	300	240	
AS240-14	21.5	15	29	130	64	42	300	240	
AS240-16	21.5	17	29	156	64	42	300	240	

Suggested crimping tools

HX50B

HX120B

HX150B

D31; D31E

D51; D55E

D62E

C130L

KH120

Un-insulated cable lugs and connectors

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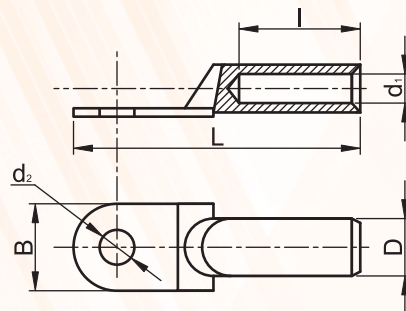
Un-insulated copper long ring-tube type cable lug

With mechanical surface treatment



RELEVANT STANDARD

MSZ-05-45.1601-1
EN 61238-1



Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	I (mm)	B (mm)	Wire (mm ²)		
							Solid	Twisted	Flexible
SZ-CL16	6	8.5	10	68.5	31	16	25	16	10
SZ-CL25	7.3	8.5	11.2	73.5	34	18	35	25	16
SZ-CL35	8.5	8.5	12.2	78.5	34	20.5	50	35	25
SZ-CL50	10	10.5	14.2	86.5	39.5	23	70	50	35
SZ-CL70	11.5	12.5	16	100	42	26	95	70	50
SZ-CL95	13.6	12.5	18.2	104	44.5	28	120	95	70
SZ-CL120	15	14.7	20	112.5	51	30	150	120	70-95
SZ-CL150	17	14.7	22	118.5	56	34	-	150	120
SZ-CL185	19	16.5	25	127.5	62	37	-	185	120-150
SZ-CL240	21	16.5	27	137	65	39.5	-	240	150-185

Suggested crimping tools

HX50B

HX120B

HX150B

D31; D31E

D51; D55E

D62E; C130L

KH120

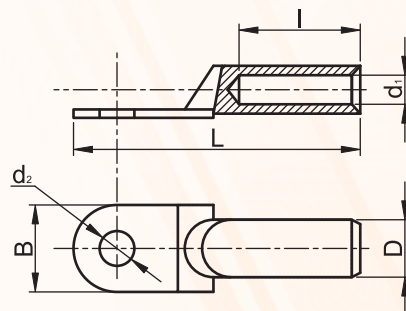
Un-insulated copper/aluminium

With mechanical surface treatment



RELEVANT STANDARD

EN 61238-1
MSZ-05-45.1601-1
MSZ-05-45.1601-22



Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	I (mm)	B (mm)	Wire (mm ²)	
							Solid	Twisted
RA16-6	5.8	6.5	10.3	69	32	16	16-25	16
RA16-8	5.8	8.5	10.3	69	32	16	16-25	16
RA25-8	7.5	8.5	12	76	32	18	35	25
RA35-8	8.5	8.8	14.3	85	37.5	20	50	35-50
RA50-10	9.5	10.5	16	91	41	23	70	50
RA70-12	11.5	12.5	18	101	43.5	26	95	70
RA95-12	13.5	12.5	20	107	46.5	28	120	95-120
RA120-14	15.5	14.5	23	118	53	30	150	120-150
RA150-14	16.5	14.5	24	125	55	34	185	150
RA185-16	18.5	17	27	133	60	37	240	185
RA240-16	21	16.5	30	139	60	40	300	240

Suggested crimping tools

HX50B

HX120B

HX150B

D31; D31E

D51; D55E

D62E

C130L

KH120



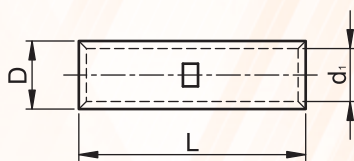
Un-insulated cable lugs and connectors



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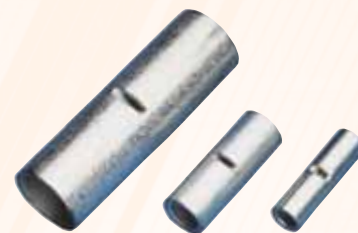
Un-insulated sleeve connector

From tinned copper

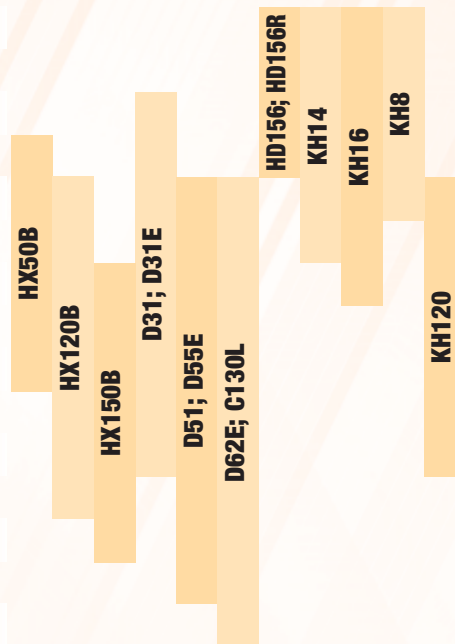


RELEVANT STANDARD

MSZ-05-45.1601-1
EN 61238-1

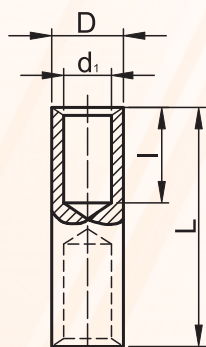


Tracon code	d ₁ (mm)	D (mm)	L (mm)	Wire (mm ²)			Suggested crimping tools	
				Solid	Twisted	Flexible	Hexagonal profile	Semicircle profile
TH1	1.5	3	12	1-1.5	1	0.75-1		
TH1.5	1.9	3.5	12	1.5-2.5	1.5	1-1.5		
TH2.5	2.4	3.9	13	4	2.5	1.5		
TH4	2.8	4.5	15	4-6	4	2.5		
TH6	3.8	5.5	15	6-10	6	4		
TH10	4.5	6.1	15	10-16	10	6		
TH16	5.4	7.1	21	16-25	16	10		
TH25	6.8	8.7	26	25-35	25	16		
TH35	8.2	10.5	29	50	35	25		
TH50	9.5	12.4	32	70	50	35		
TH70	11.2	14.7	36	95	70	50		
TH95	13.5	17.4	37	120	95	70		
TH120	15	19.4	38	150	120	70/95		
TH150	16.5	21.2	38	-	150	95		
TH185	18.5	23.5	54	-	185	120		
TH240	21	26.5	72	-	240	150-185		



Un-insulated aluminium sleeve connector

With mechanical surface treatment

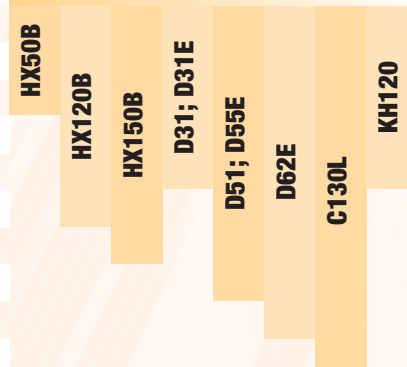


RELEVANT STANDARD

EN 61238-1
MSZ-05-45.1601-1
MSZ-05-45.1601-21



Tracon code	d ₁ (mm)	D (mm)	L (mm)	I (mm)	Wire (mm ²)		Suggested crimping tools	
					Solid	Twisted		
AT16	6.4	11.4	70	30.5	25	16		
AT25	7	12.2	75	31.5	35	25		
AT35	8.5	14.1	85	36	50	35		
AT50	9.7	16.2	95	45	70	50		
AT70	11.2	18.1	105	46	95	70		
AT95	13.5	21.3	110	49.5	120	95-120		
AT120	14.6	23.1	115	52.5	150	120-150		
AT150	16.6	24	120	55	185	150		
AT185	18.5	27.6	125	60.5	240	185		
AT240	21	30.2	130	60	300	240		



Un-insulated cable lugs and connectors

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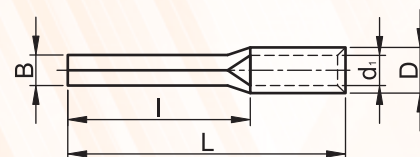
Un-insulated pin type cable lug

From tinned copper



EVPÚ CERTIFICATE NO.

02337/101/1/2001



Tracon code	d ₁ (mm)	D (mm)	L (mm)	I (mm)	B (mm)	Wire (mm ²)			Suggested crimping tools
						Solid	Twisted	Flexible	
CS1.5	1.7	3.2	16.7	11.5	1.7	1.5-2.5	1.5	1-1.5	HD156; HD156R; KH8; KH14; KH16
CS2.5	2.3	3.8	16.7	11.5	2	2.5-4	2.5	1.5	
CS4	3.4	5.5	20	12.5	2.6	6	4-6	4	

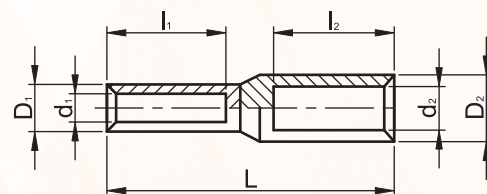
Un-insulated copper-aluminium sleeve connector

With mechanical surface treatment



RELEVANT STANDARD

EN 61238-1
MSZ-05-45.1601-1
MSZ-05-45.1601-21



Tracon code	d ₁ /d ₂ (mm)	D ₁ /D ₂ (mm)	L (mm)	L ₁ /L ₂ (mm)	Wire (mm ²)					Suggested crimping tools
					Solid	Copper Twisted	Flexible	Aluminum Solid	Twisted, compacted	
RT10/16	5.6/6.2	9.2/11.3	70	25/30	10	6	4	16	10	↑ KH16 HX50B HX120B D31; D31E D51; D55E D62E C130L KH120 KH14 HX150B
RT16/25	6/6.7	10/12.1	75	26.5/32	16	10	6	25	16	
RT16/70	5.5/11	12/17.5	90.5	29.5/45	16	10	6	70	50	
RT25/35	7.3/8	11.6/13.1	83.5	30/40	25	16	10	35	25	
RT35/50	8.5/10	13.3/15.3	95.6	32/42	35	25	16	50	35-50	
RT35/70	8.5/11	12/17.5	90	30/45	35	25	16	70	50	
RT50/70	9.5/11.5	14.6/18	104.5	38/50	50	35	25	70	50	
RT70/95	11.5/13.5	17/21.5	111	40/50	70	50	35	95	70	
RT95/120	12.6/15	19/23.2	110	42/55	95	70	50	120	95-120	
RT95/150	13.5/16.5	19/24.8	116	42/55	95	70	50	150	120-150	
RT120/150	15/17	19/24	118	44/55	120	95	70	150	120-150	
RT150/185	16.6/18	22.5/25.2	125	46/60	-	120	95	185	150-185	
RT185/240	18.5/21	26/30	130	54/60	-	150	120	240	185	
RT185/300	18.5/23	26/34	136	54/65	-	150	120	300	240	
RT240/300	21/23	28/34	145	56/65	-	185	120-150	300	240	



SCAN THE QR CODE!

- Check our new products
- Be updated

Our assortment is expanding quickly and continuously! This catalogue reflects the status in November 2013.
Be up to date by our web page!

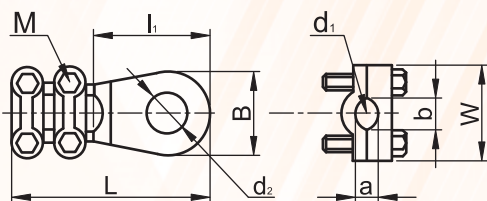


Un-insulated cable lugs and connectors



Un-insulated ring type cable lug with screw

WCJB: plate bent, tinned version; WCJC: casting covered with chrome



RELEVANT STANDARD
MSZ-05-45.1601-12

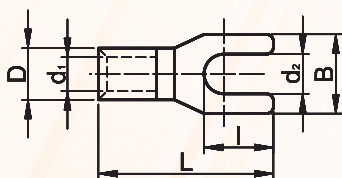


WCJC

Tracon code	a (mm)	b (mm)	d ₂ (mm)	L (mm)	L _i (mm)	B (mm)	W (mm)	M (mm)	Wire cross-section (mm ²)
WCJB-16-25-2	4	6	8.5	45.3	22	18	22.5	4 pcs M5×20	16-25
WCJB-25-35	4	7	10.5	52.5	25	21.5	24.5	4 pcs M5×22	25-35
WCJB-50-70	5	10	10.5	61	26	23	31	4 pcs M6×24	50-70
WCJB-70-95	5.5	11.5	10.5	69	32	23.5	35	4 pcs M6×30	70-95
WCJB-95-120	5.5	13	13.5	74	28.5	28.5	42	4 pcs M8×35	95-120
WCJB-120-150	5.5	13	13.5	74	30	27	41	4 pcs M8×35	120-150
WCJB-150-185	6.5	13	13.5	76.5	31	28	42.5	4 pcs M8×35	150-180
WCJB-185-240	6.5	14	13.5	80.3	32.5	30	44	4 pcs M8×35	185-240
WCJC-16	3	4.5	8	37	22.5	16	21.5	2 pcs M5×20	16
WCJC-25-35	5	8.5	11	47.5	27.5	22	22	2 pcs M5×23	25-35
WCJC-50-70	6	9.5	11	60.5	31	23	30	4 pcs M6×24	50-70
WCJC-70-95	7	12	13	66.5	35	27	33	4 pcs M6×29	70-95
WCJC-120-150	7	12.5	15	72.5	42	32	32	4 pcs M6×29	120-150
WCJC-185-240	14	19	18	90	46	39	45	4 pcs M8×40	185-240
WCJC-300	14.5	23	21	106	54	45.5	55.5	4 pcs M10×48	300
WCJC-400	19.5	25.5	22.3	122	63	50	59.5	4 pcs M10×52	400

Un-insulated spade type cable lug

From tinned copper



RELEVANT STANDARD
MSZ-05-45.1601-1
MSZ-05-45.1601-22



Tracon code	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	I (mm)	B (mm)	Wire (mm²)			Suggested crimping tools							
							Solid	Twisted	Flexible								
V1.5-3	1.7	3.7	3.4	15.5	6.5	5.7	1.5	1-1.5	0.5-1	HD156; HD156R	KH14	KH16	KH8				
V1.5-4	1.7	4.3	3.4	15.5	6.7	7.2											
V1.5-5	1.7	5.3	3.4	15.5	7.8	6.4											
V1.5-6	1.7	6.4	3.4	15.5	8.9	8.1											
V2.5-3	2.3	3.7	4.1	16	6.9	6	2.5-4	2.5	1.5					HX50B; HX120B; D31; D31E			
V2.5-4	2.3	4.3	4.1	16	7.3	7.2											
V2.5-5	2.3	5.3	4.1	16	7.7	8.1											
V2.5-6	2.3	6.4	4.1	16	8.8	9.5											
V4-3	3.4	3.7	5.6	19.5	6.7	8.3	6	4-6	4								
V4-4	3.4	4.3	5.6	19.5	7	8.3											
V4-5	3.4	5.3	5.6	19.5	7.5	9											
V4-6	3.4	6.4	5.6	19.5	10.3	12											
V10-4	4.5	4.3	7.2	23	8.3	8.7	10-16	10	6								
V10-5	4.5	5.3	7.2	24.5	8.7	12											
V10-6	4.5	6.4	7.2	24.5	9.4	12											
V16-5	5.8	5.3	9	28	9.7	12	25	16	10								
V16-6	5.8	6.4	9	28	9.8	14											



Un-insulated cable lugs and connectors



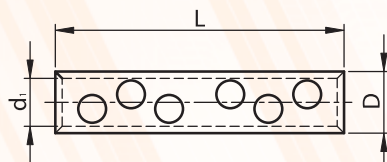
Connectors and cable lugs with break-off head screws

These products are to be used with conductors of circular cross- section. For easiness, only normal wrenches are needed for installation. The central position of the screw ensures reliable connection and protection against loosening.

The ends of the fastening screws are of spherical calotte shape, to minimize damage to the conductor.

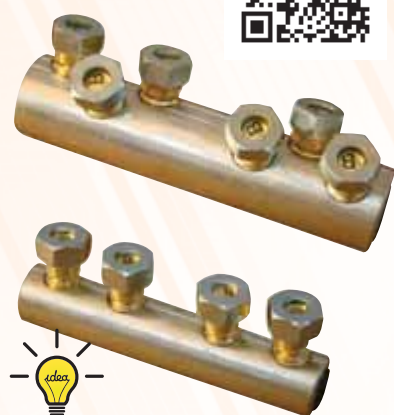


Aluminium connectors to be used with break-off head screws

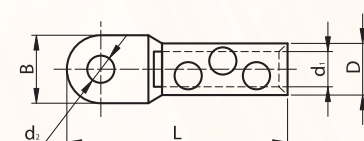


Material: Al, 99.5% ;
Surface treatment: tin coating, min. thickness, 15 µm

Tracon code	Conductor cross-section (mm ²)	d ₁ (mm)	D (mm)	L (mm)	Screw dimension, number
AT16-70CS	A: 16 - 35	11	21.7	107	M12, 2×2 db
	B: 50 - 70				M12, 2×2 db
AT95-150CS	A: 95 - 120	16	27	133	M12, 2×2 db
	B: 150				M12, 2×2 db
AT185-240CS	A: 185	20	34	145	M16, 2×3 db
	B: 240				M16, 2×3 db



Aluminium cable lugs to be used with break-off head screws

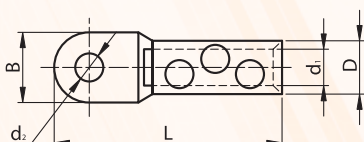


Material: Al, 99.5% ;
Surface treatment: tin coating, min. thickness, 15 µm

Tracon code	Conductor cross-section (mm ²)	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	B (mm)	Screw dimension, number
AS16-70CS12	A: 16 - 35	11	13	23	90	25	M12, 2 pcs
	B: 50 - 70						M12, 2 pcs
AS95-150CS12	A: 95 - 120	16	12	30	110	30	M12, 2 pcs
	B: 150						M12, 2 pcs
AS185-240CS16	A: 185	20	17	35	125	38	M16, 3 pcs
	B: 240						M16, 3 pcs



Aluminium/copper cable lugs to be used with break-off head screws



Material: Al, 99.5% and electrolytic copper;
Surface treatment: tin coating, min. thickness, 15 µm

Tracon code	Conductor cross-section (mm ²)	d ₁ (mm)	d ₂ (mm)	D (mm)	L (mm)	B (mm)	Screw dimension, number
RA16-70CS12	A: 16 - 35	11	13	23	104	25	M12, 2 pcs
	B: 50 - 70						M12, 2 pcs
RA95-150CS12	A: 95 - 120	16	13	30	120	30	M12, 2 pcs
	B: 150						M12, 2 pcs
RA185-240CS16	A: 185	20	17	35	140	30	M16, 3 pcs
	B: 240						M16, 3 pcs





Un-insulated cable lugs and connectors



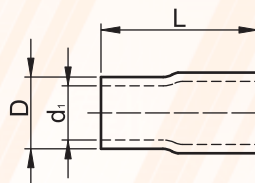
A

Insulation for bare cable lugs

From self-extinguishing PVC, for SZ and CL type cable lugs

Tracon code	d _i (mm)	D (mm)	L (mm)	Wire (mm ²)
FSZIG10	6	9.4	21.5	10
FSZIG16	8.1	11.4	28.3	16
FSZIG25	9.8	13.1	30.1	25
FSZIG35	11	14.4	34.7	35
FSZIG50	13.8	17.2	43.7	50
FSZIG95	15.8	19.3	47.5	95
FSZIG120	17.6	21.2	56.6	120

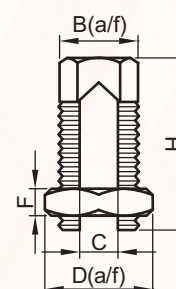
RELEVANT STANDARD
EN 60529



Screw branch joint terminal

The YCSK screw terminal family was designed especially for branch joints of low voltage cables. The stripped main wire can be slip into the groove of screw rod without cutting the main cable in two pieces. The stripped branch wire(s) have to be placed between the main wire and the closed end of groove. The size of branch wire(s) can be the same or smaller as the main wire. After tighten the fixing bolt (max. 14 Nm!) user can get a reliable joint after relevant standards. Naturally the joint must protect with some proper cover against outer impact and accident contact! The terminals can be use for KYT cast resin branch joint terminals.

The material of terminal is brass.



Tracon code	Terminal capacity (mm ²)	H (mm)	C (mm)	B (a/f) (mm)	D (a/f) (mm)	F (mm)	Thread
YCSK-6	1,5 – 6	24	3,2	10	12,7	6,5	M12
YCSK-10	2,5 - 10	27,3	5,5	12,7	19	5,6	M12
YCSK-16	4 - 16	27,3	5,5	12,7	19	5,6	M12
YCSK-25	6 - 25	28,9	6,9	15	19	5,6	M14



Protection and contact paste

This special grease improves contact conductivity of the connections and prevents oxidation and other forms of corrosion. It's use is equally recommended for contact surfaces of Al – Al, Al – Cu and Cu – Cu. The contacting surfaces should be coated with the product prior to pressing together, or fixing with screws or rivets.

Tracon code	Description	Content
VKP	Protection and contact paste	250 g / tube



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