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Manufactured By:
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Market leaders in

CABLE ACCESSORIES

CONTENT

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ABOUT DOWELL'S

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QUALITY IN EVERYTHING WE DO !

We are Cable accessories Specialists

DOWELL's brand is a synonym for designing great products with agility and quality. For over 60 years now, DOWELL's has sold millions of connecting solutions for all type of power cables, operating with highest reliability rating till date.

About Polycab - Polycab is engaged in the business of manufacturing and selling wires and cables and fast moving electrical goods 'FMEG' under the 'POLYCAB' brand. Apart from wires and cables, we manufacture and sell FMEG products such as electric fans, LED lighting and luminaires, switches and switchgear, solar products and conduits & accessories.

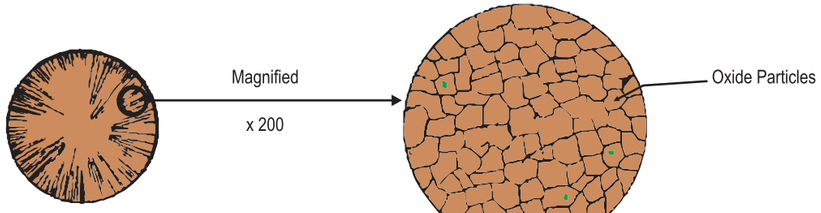
We manufacture and sell a diverse range of wires and cables and our key products in the wires and cables segment are power cables, control cables, instrumentation cables, solar cables, building wires, flexible cables, flexible/single multi core cables, communication cables and others including welding cables, submersible flat and round cables, rubber cables, overhead conductors, railway signaling cables, specialty cables and green wires. In 2009, we diversified into the engineering, procurement and construction 'EPC' business, which includes the design, engineering, supply, execution and commissioning of power distribution and rural electrification projects. In 2014, we diversified into the FMEG segment and our key FMEG products are switches and switchgear and conduits & accessories.

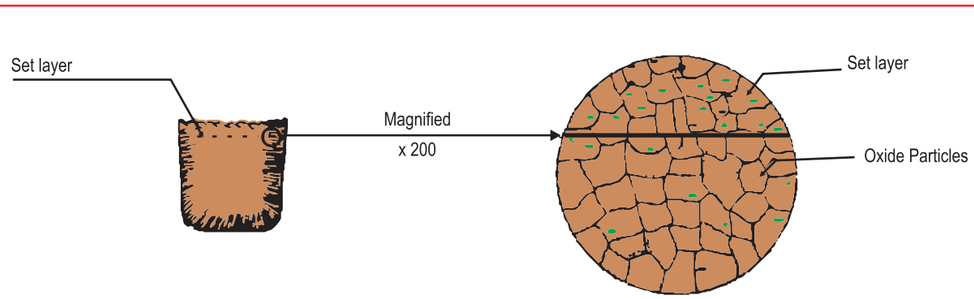
PRODUCT BASE

Dowell's product quality starts from the raw material. Widely, dowell's product range falls into two kind of raw materials-Aluminium and copper designed to suit respective conductors.

O.F.H.C. COPPER

In practice electrical wires and cable terminals are made out of electrolytic tough pitch copper (ETP grade copper). This grade of copper contains 150 ppm to 400 ppm oxygen through out the metal. In addition to that wire bars of ETP grade also have 8 to 10 mm thick set layer containing copper oxide particles.





Oxygen free high conductivity copper contains less than 30 ppm oxygen in the metal and is completely free from copper oxide particles. Lower oxygen content in oxygen free high conductivity copper has many advantages over ETP grade of copper as shown in the following table.

Use of OFHC copper in wire and cable industry is unknown in India due to its non-availablity and high cost. But now the advantages of OFHC copper have been realised and dowell's have taken the lead to manufacturer OFHC copper products.

ELECTROLYTIC ALUMINIUM

Vast use of Aluminium conductors has inducted the ALS series of Solderless Aluminium Terminals and connector which are made out of pure electrolytic grade Aluminium conforming to IS 5082 grade TIE.

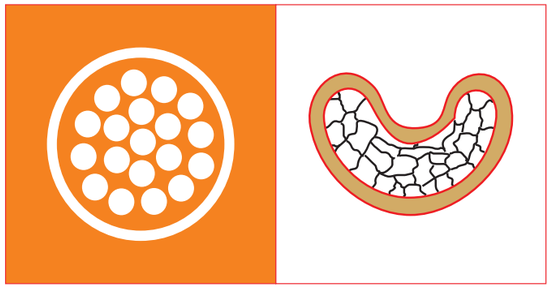
The product is generally supplied in 'O' condition.

The basic raw material used for terminals/ connectors contain minium 99.5% Aluminium and electrical conductivity of minimum 60% IACS.

The comparision between ETP grade and OFHC grade will give firm standing to dowell's OFHC copper product at each Installation

OFHC grade	ETP grade
Contains less than .003% oxygen (30 ppm).	Contains .015% to .04% oxygen (150 ppm to 400 ppm).
Free from any set oxide layer.	Wire bars possess set oxide layer of 8-10mm thick on the surface through out its length.
Semi, and finished products such as tube, bars, strips & wires would be free from embedded oxide particles.	Wire bars possess set oxide layer of 8-10mm thick on the surface through out its length.
Guarantees minimum 100% IACS conductivity, even on semis or finished products.	Possesses 100% conductivity but on processing semis and finished products, shows variation in conductivity to lower values.
Passes close bend test (hydrogen) embrittlement test.	Cannot pass close bend test.
Better thermal cycle behaviour.	Poor thermal cycle behaviour.
Consistency in brazed and welded joints can be achieved.	May lead to inconsistent brazed and welded joints.
Reliable and more durable in service against movements/jerks of electrical wires, e.g. telephone/ automobile wires.	Conventionally used wire of this grade crack under similar conditions.
Most suitable for use in high vaccum devices.	Not at all suitable.
Crimping lugs never show even hair cracks after crimping with electrical cables.	May show cras after crimping.
Gives reliability and longer service in electrical wiring, chokes, motors, dynamos, transformers, etc.	May give sudden failures.

Crimp Method:



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Dowell's compression crimping method of terminating electrical wire is an perfect science. The technique is mechanical and uniform from first to last crimp. Which makes this process controllable. The variables common to other methods such as melting temp., flux composition, entrapped gases, heat deformation of conductors, oxidisation and the like are eliminated.

The termination from this method satisfies mechanical and electrical properties, required for 'quality' Termination.

Introduction:

Extensively designed for large power cables and leads, dowell's terminals and splices are perfectly designed for power generation and distribution. This makes electrical equipment subject to continuous operation, such as generators, motors and pannel boards, a perfect application for dowell's products. designed to support a wide range of standard copper and Aluminium wire sizes (upto 1000 mm²) with flexibility and reliability at a best quality price.

The dowell's product range is being catered in avariety of Terminals and splices to suit customers design requirements. dowell's invites the problems to solve it in the best technical and appropriate manner.

Standard Packaging

Retail Packaging Standard

AMPS	BSS Relf.	Nos.	mm²	Nos.	mm²	Nos.
15 - 200	4E -	200	1.5 -	200	120 -	30
30 - 200	6E -	100	2.5 -	200	150 -	20
60 - 100	7E -	50	4.0 -	200	185 -	20
100 - 50	10E -	30	6 -	200	225 -	10
150 - 30	11E -	20	10 -	200	240 -	10
200 - 20	13E -	20	16 -	200	300 -	10
300 - 20	14E -	10	25 -	200	400 -	05
400 - 10	15E -	10	35 -	100	500 -	05
500/600 - 10	17E -	5	50 -	100	625 -	05
800 - 5	18E -	5	70 -	50	800 -	05
1000 - 5	20E -	5	95 -	50	1000 -	04

To expedite supplies indent your requirements as per above retail packaging. Requirements lesser than retail packing are subject to 10% surcharge.

Quality Finish:

Dowell's terminals and splices are made of oxygen free high conductivity seamless tubes to ensure maximum conductivity. Special tin plating process protects from corrosion and assures trouble free service. Dowell's distinguished manufacturing process converts the copper into double thick tongue with short transfer section. This formulates best quality product with firm grip on Electrical and Mechanical properties.

Standard Size

Comparison between German , USA. Brit. Assoc., Standard bolt size

German Din	U.S.A.			British Assorted
M2	# 1	=	9BA =	1.9 mm
	# 2	=	8BA =	2.2 mm
M2.6	# 3	=	7BA =	2.5 mm
M3	# 4	=	6BA =	2.8 mm
	# 5	=	5BA =	3.2 mm
M3.5	# 6	=	4BA =	3.5 mm
M4	# 8	=	3BA =	4.2 mm
M5	# 10	=	2BA =	4.8 mm
	# 12	=	1BA =	5 mm
M6	# 14	=	0BA =	6 mm
	# 1/4"	=	1/4" =	
M8	#5/16"	=	5/16" =	
M10	# 3/8"	=	3/8" =	
M12	#7/16"	=	7/16" =	
	# ½"	=	½" =	
M16	# 5/8"	=	5/8" =	
M20	# 3/4"	=	3/4" =	
M26	# 1"	=	1" =	

Features:

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1. SPECTRUM:

Stranded cables crimped with the dowell's tools, becomes a homogeneous mass with the dowell's terminals and connectors, Versality in the stud hole available with dowell's helps solve any termination problem.

We specialise to supply 1,2 & 4 holes or without stud holes for specific requirements. Covering wide range from 1.5 to 1000mm2 wire sizes dowell's terminals/ connectors provide reliability and low cost installation for power equipment wiring large cable size.

2. STRENGTH:

Dowell's terminals have formidable strength and resistance to vibration suitable for their intended use. This strength comes from the double thick tongue and short transfer section of the barrel, and is achieved without sacrificing any current carrying capacity. In addition great tensile strength is imparted to the dowell's terminals and connectors by means of dowell's perfectly designed dies and tools.

3.ECONOMY:

An important feature of dowell's product is low installed cost. Which is a result of perfect crimping system - a team of crimping tool and terminal. The crimping system ensures correct crimp-each time without fail so-each installation with dowell's product saves your cost.

4. CONDUCTIVITY CORROSION RESISTANCE AND TEMPERATURE RISE.:

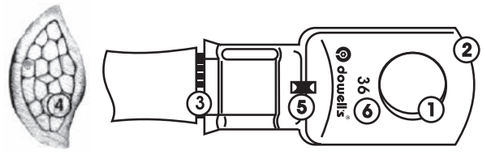
The nucleus of the dowell's termination method is the perfectly controlled crimping that forms terminal and connector barrel into homogeneous unit with conductor. Proper cold crimping brings the terminal into intimate contact with the conductor producing excellent resistance to corrosion.

5. INSPECTION PLUS:

Standard heavy duty dowell's terminals are supplied with inspection slot in barrel, which facilitates operator to confirm whether conductors have been fully and properly inserted into the barrel. This check can be done before as well as after crimping. Bell mouth construction of barrel allows easy insertion of conductor into the barrel.

6. IDENTIFICATION MARKING:

Standard heavy duty dowell's terminals are marked with respective conductor size of solid stranded wire and one size lower of flexible wiree.g. CUS-248-630 S-500 F. Normal compression type terminals copper and alluminium are marked with respective size of wire e.g. CUS-29-240 mm² ALS 236-240 mm². Soldering terminals have current carrying capacity marking e.g. DEW 208-400 DEW.



Copper Tube Terminals Medium Duty

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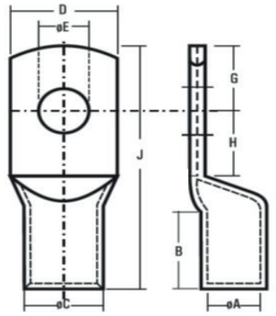
Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

No inspection window is ideal for corrosive environments
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Short/Standard length barrel is recommended for installations with limited space requirements



Product Code	Conductor	Stud Size	Dimensions							Recommended Tools & Dies		
	mm2	E	A	C	D	B	H	G	J	SYB 95	SYE 150B	SYT 102R
CUS-05	2.5	M5	2	3.7	9	7	5	5	20	SYA-427 / SYT-17 / SYT-2		
CUS-06	4	M6	3.1	4.8	11	7	6	6	22			
CUS-07	6	M6	3.8	5.5	11	9	6	6	24			
CUS-08	10	M6	4.4	6.2	11	9	6	6	24	W-TSA1024		
CUS-09	16	M6	5.3	7.1	11	12	8	6	30	W-TSA1025		
CUS-10	25	M6	7	9	13	12	12	8	37	W-TSA1026		
CUS-11	35	M6	8	10	15	12	12	8	37	W-TSA1027		
CUS-12		M8										
CUS-13	50	M6	9.2	11.2	16	16	11	10	45	W-TSA1028		
CUS-14		M8										
CUS-15		M10										
CUS-16	70	M8	11.6	13.8	20	18	15	13	56	W-TSA1029		W-TSA1114
CUS-17		M10										
CUS-18		M12										
CUS-19	95	M10	12.8	15.6	23	20	15	13	58	W-TSA1030		W-TSA1115
CUS-20		M12										
CUS-21	120	M10	14.8	17.8	26	22	16	14	62	W-TSA1031		W-TSA1116
CUS-22		M12										
CUS-23		M16										
CUS-24	150	M10	16	19.6	28	26	18	15	70		W-TSA1071	W-TSA1117
CUS-25		M12										
CUS-26		M16										
CUS-27	185	M12	18	22	32	30	21	21	83		W-TSA1072	W-TSA1118
CUS-28		M16										
CUS-231	225	M16	20	24	35	34	24	24	95		W-TSA1072	W-TSA1119
CUS-29	240	M16	22	26	38	36	24	24	97		W-TSA1073	W-TSA1119
CUS-30		M20										
CUS-31	300	M16	24	28.7	42	39	26	25	103		W-TSA1074	W-TSA1120
CUS-32		M20										
CUS-33	400	M20	28	33.2	49	44	27	27	116		W-TSA1075	W-TSA1121
CUS-34	500	M20	30	36	53	48	27	27	120		W-TSA1076	W-TSA1123
CUS-35	630	M20	35	41.5	61	55	33	31	137		W-TSA1077	W-TSA1124
CUS-062	800	- - -	39	46.3	67	65	38	37	165		W-TSA1078	
CUS-076	1000	- - -	43	53.8	76	90	45	45	210		W-TSA1079	

Copper Tube Terminals Long Barrel

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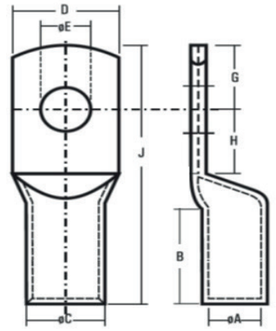
Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

No inspection window is ideal for corrosive environments
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection

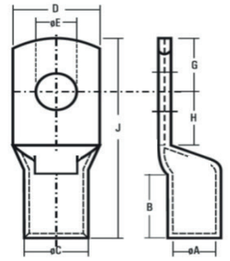


Product Code	Conductor	Stud Size	Dimensions							Recommended Tools & Dies		
	mm2		A	C	D	B	H	G	J	SYB 95	SYE 150B	SYT 102R
CEB-05	2.5	M5	2	3.7	9	10.5	5	5	23.5	SYA-427 / SYT-17 / SYT-2		
CEB-06	4	M6	3.1	4.8	11	10.5	6	6	25.5			
CEB-07	6	M6	3.8	5.5	11	13.5	6	6	28.5			
CEB-08	10	M6	4.4	6.2	11	13.5	6	6	28.5	W-TSA1024		
CEB-09	16	M6	5.3	7.1	11	18	8	6	36	W-TSA1025		
CEB-10	25	M6	7	9	13	18	12	8	43	W-TSA1026		
CEB-11	35	M6	8	10	15	18	12	8	43	W-TSA1027		
CEB-12		M8										
CEB-13	50	M6	9.2	11.2	16	24	11	10	53	W-TSA1028		
CEB-14		M8										
CEB-15		M10										
CEB-16	70	M8	11.6	13.8	20	27	15	13	65	W-TSA1029		W-TSA1114
CEB-17		M10										
CEB-18		M12										
CEB-19	95	M10	12.8	15.6	23	30	15	13	68	W-TSA1030		W-TSA1115
CEB-20		M12										
CEB-21	120	M10	14.8	17.8	26	33	16	14	73	W-TSA1031		W-TSA1116
CEB-22		M12										
CEB-23		M16										
CEB-24	150	M10	16	19.6	28	39	18	15	83		W-TSA1071	W-TSA1117
CEB-25		M12										
CEB-26		M16										
CEB-27	185	M12	18	22	32	45	21	21	98		W-TSA1072	W-TSA1118
CEB-28		M16										
CEB-231	225	M16	20	24	35	51	24	24	112		W-TSA1072	W-TSA1119
CEB-29	240	M16	22	26	38	54	24	24	115		W-TSA1073	W-TSA1119
CEB-30		M20										
CEB-31	300	M16	24	28.7	42	58	26	25	122		W-TSA1074	W-TSA1120
CEB-32		M20										
CEB-33	400	M20	28	33.2	49	66	27	27	138		W-TSA1075	W-TSA1121
CEB-34	500	M20	30	36	53	72	27	27	144		W-TSA1076	W-TSA1123
CEB-35	630	M20	35	41.5	61	83	33	31	165		W-TSA1077	W-TSA1124
CEB-62	800	- - -	39	46.3	67	98	38	37	198		W-TSA1078	
CEB-76	1000	- - -	43	53.8	76	135	45	45	255		W-TSA1079	

Copper Tube Terminals Heavy Duty

Material : EC Grade Copper (Cu ≥ 99.9%)
Finish : Electro Tinned

Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire Short/Standard length barrel is recommended for installations with limited space requirements



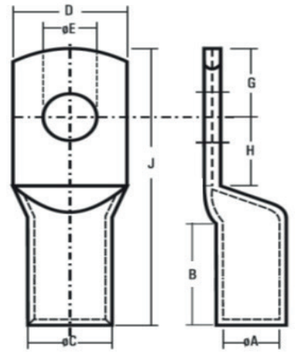
Product Code	Conductor	Stud Size	Dimensions							Recommended Tools & Dies		
	mm2	E	A	C	D	B	H	G	J	SYB 95	SYE 150B	SYT 102R
CUS-538	1.5	M5	1.8	3.7	8	5	5	4	16	SYA-427 / SYT-17 / SYT-2		
CUS-539		M6			10		6	5	18			
CUS-388		M4			8		5	4	18			
CUS-540	2.5	M5	2.4	4	10	7	6	5	20			
CUS-541		M6			10		6	5	20			
CUS-389	4	M5	3.1	4.8	10	7	6	5	20			
CUS-543		M6										
CUS-390		M5			10		6	5	23			
CUS-544	6	M6	3.8	5.5	12	9	9	6	27			
CUS-545		M8			12		9	6	27			
CUS-353	10	M6	4.5	6.2	12	9	7	6	25	W-TSA1024		
CUS-547		M8					9		27			
CUS-354	16	M6	5.4	7.1	12	12	7	7	30	W-TSA1025		
CUS-549		M8					9		32			
CUS-550	20	M8	6	7.7	12	12	9	7	32	W-TSA1025		
CUS-355		M6			13		7	7	30			
CUS-551	25	M8	6.8	8.8	18	12	11	10	37	W-TSA1026		
CUS-552		M10			18		11	10	37			
CUS-542		M6			15		9	9	35			
CUS-356	35	M8	8.2	10.6	15	12	9	9	35	W-TSA1027		
CUS-554		M10			18		11	10	38			
CUS-357	50	M8	9.5	12.4	18	16	11	10	43	W-TSA1028	W-TSA1067	W-TSA1114
CUS-556		M10										
CUS-557		M8										
CUS-358	70	M10	11.2	14.7	21	18	13	12	50	W-TSA1029	W-TSA1068	W-TSA1115
CUS-559		M12										
CUS-359	95	M10	13.5	17.4	25	20	13	13	55	W-TSA1031	W-TSA1069	W-TSA1116
CUS-561		M12										
CUS-241	120	M12	15	19.4	28	22	14	14	60		W-TSA1070	W-TSA1117
CUS-546		M16					16	16	64			
CUS-242	150	M12	16.5	21.2	30	26	16	16	69		W-TSA1071	W-TSA1118
CUS-564		M16										
CUS-243	185	M16	18.5	23.5	34	32	17	17	78		W-TSA1072	W-TSA1119
CUS-244	240	M16	21	26.5	38	38	20	20	92		W-TSA1073	W-TSA1120
CUS-567		M20										
CUS-245	300	M16	23.5	30	43	42	22	22	101		W-TSA1074	W-TSA1121
CUS-569		M20										
CUS-246	400	M16	26.8	34.8	50	44	26	26	114		W-TSA1075	W-TSA1122
CUS-571		M20										
CUS-247	500	M20	30	39	56	48	28	28	124		W-TSA1076	W-TSA1123
CUS-248	630	M20	35	45	65	56	33	33	144		W-TSA1077	W-TSA1124
CUS-599	800	---	39	50.6	73	78	40	35	170		W-TSA1078	
CUS-590	1000	---	43	56.2	81	90	45	45	200		W-TSA1079	

Copper Tube Terminals Heavy Duty & Long Barrel

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

No inspection window is ideal for corrosive environments Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection



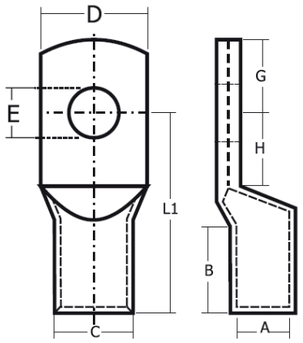
Product Code	Conductor	Stud Size	Dimensions							Recommended Tools & Dies		
	mm2		A	C	D	B	H	G	J	SYB 95	SYE 150B	SYT 102R
CUS-282	25	M8	7	9	13	16	12	8	41	W-TSA1026		
CUS-283	35	M8	8	10.6	15	20	14	9	48	W-TSA1027		
CUS-284	50	M8	9.2	12.2	17	26	16	10	59	W-TSA1028		W-TSA1114
CUS-285	70	M10	11.5	15	20	28	19	12	66	W-TSA1030		W-TSA1115
CUS-286	95	M12	12.8	17	24	32	20	12	74	W-TSA1031		W-TSA1116
CUS-287	120	M12	14.8	19.6	28	35	23	14	82			W-TSA1117
CUS-288	150	M12	16	21.2	30	38	24	14	86		W-TSA1070	W-TSA1118
CUS-289	185	M12	18	24	34	43	23	17	95		W-TSA1071	W-TSA1119
CUS-290	240	M16	22	28	40	50	30	20	112		W-TSA1072	W-TSA1120
CUS-291	300	M16	24	31	44	54	32	20	120		W-TSA1073	W-TSA1121
CUS-292	400	M20	28	36	52	67	32	24	139			W-TSA1122
CUS-293	500	M21	30	41	58	80	34	22	156			W-TSA1123
CUS-294	630	M21	35	46	66	93	38	28	181			W-TSA1124

Copper Tube Terminals – DIN 46235

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Complies to Standard DIN 46235
No inspection window is ideal for corrosive environments
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection



Product Code	Conductor	Stud Size	Dimensions							Recommended Tools & Dies		
	mm2		A	C	D	B	H	G	L1	SYB 95	SYE 150B	SYT 102R
DIN 6-5		M5			8.5		7.5	6.5				
DIN 6-6	6	M6	3.8	5.5	8.5	10	8	7.5	24	SYA-427 / SYT-17 / SYT-2		
DIN 6-8		M8			13		10	10				
DIN 10-5		M5			9		8.5	7				
DIN 10-6	10	M6	4.5	6	9	10	8.5	7.5	27	W-TSA1024		
DIN 10-8		M8			13		10	10				
DIN 16-6		M6			13		8	7.5				
DIN 16-8	16	M8	5.5	8.5	13	20	10	10	36	W-TSA1025		
DIN 16-10		M10			17		12	12				
DIN 16-12		M12			18		13	13				
DIN 25-6		M6			14		8	7.5				
DIN 25-8	25	M8	7	10	16	20	10	10	38	W-TSA1026		
DIN 25-10		M10			17		12	12				
DIN 25-12		M12			19		13	13				
DIN 35-6		M6			17		8	7.5				
DIN 35-8		M8			17		10	10				
DIN 35-10	35	M10	8.2	12.5	19	20	12	12	42	W-TSA1027		
DIN 35-12		M12			21		13	13				
DIN 35-14		M14			21		14.5	14.5				
DIN 50-8		M8			20		10	10				
DIN 50-10		M10			22		12	12				
DIN 50-12	50	M12	10	14.5	24	28	13	13	52	W-TSA1028		W-TSA1114
DIN 50-14		M14			24		14.5	14.5				
DIN 50-16		M16			28		16	16				
DIN 70-8		M8			24		10	10				
DIN 70-10		M10			24		12	12				
DIN 70-12	70	M12	11.5	16.5	24	28	13	13	55	W-TSA1030		W-TSA1115
DIN 70-14		M14			24		14.5	14.5				
DIN 70-16		M16			30		16	16				
DIN 95-8		M8			28		12	12				
DIN 95-10		M10			28		12	12				
DIN 95-12	95	M12	13.5	19	28	35	13	13	65	W-TSA1031		W-TSA1116
DIN 95-14		M14			28		14.5	14.5				
DIN 95-16		M16			32		16	16				

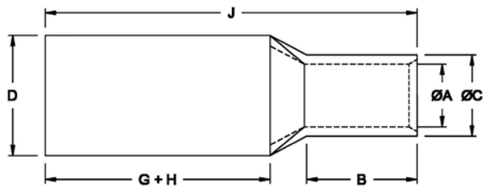
Product Code	Conductor	Stud Size	Dimensions							Recommended Tools & Dies		
	mm2		A	C	D	B	H	G	L1	SYB 95	SYE 150B	SYT 102R
DIN 120-10		M10			32		16	15				
DIN 120-12		M12			32		17	16				
DIN 120-14	120	M14	15.5	21	32	35	18	18	70		W-TSA1070	W-TSA1117
DIN 120-16		M16			32		20	19				
DIN 120-20		M20			38		22	21				
DIN 150-10		M10			34		16	15				
DIN 150-12		M12			34		17	16				
DIN 150-14	150	M14	17	23.5	34	35	20	19	78		W-TSA1071	W-TSA1118
DIN 150-16		M16			34		20	19				
DIN 150-20		M20			40		22	21				
DIN 185-10		M10			37		16	15				
DIN 185-12		M12			37		17	16				
DIN 185-14	185	M14	19	25.5	37	40	20	19	82		W-TSA1072	W-TSA1119
DIN 185-16		M16			37		20	19				
DIN 185-20		M20			40		22	21				
DIN 240-12		M12					17	16				
DIN 240-14	240	M14	21.5	29	42	40	20	19	92		W-TSA1073	W-TSA1120
DIN 240-16		M16					20	19				
DIN 240-20		M20					22	21				
DIN 300-14		M14						19				
DIN 300-16	300	M16	24.5	32	48	50	22	19	100		W-TSA1074	W-TSA1121
DIN 300-20		M20						22				
DIN 400-14		M14										
DIN 400-16	400	M16	27.5	38.5	55	70	25	25	115		W-TSA1075	W-TSA1122
DIN 400-20		M20										
DIN 500-16	500	M16	31	42	60	70	25	25	125		W-TSA1076	W-TSA1123
DIN 500-20		M20										
DIN 625-16	625	M16	34.5	44	60	80	25	25	135		W-TSA1077	W-TSA1124
DIN 625-20		M20										
DIN 800-16	800	M16	40	52	75	100	30	30	165		W-TSA1078	
DIN 800-20		M20										
DIN 1000-21	1000	M21	44	58	85	100	20	25	165		W-TSA1079	

Copper Tube Terminals with Extended Palm – Blank

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

No inspection window is ideal for corrosive environments
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire



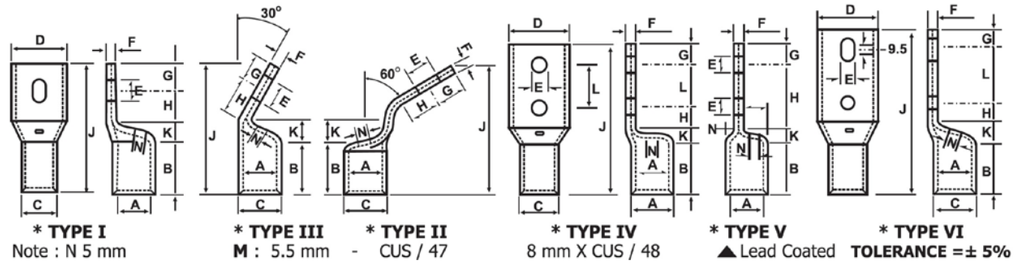
Product Code	Conductor	Dimensions						Recommended Tools & Dies		
	mm2	A	C	D	B	G+H	J	SYB 95	SYE 150B	SYT 102R
CUS-466	50	9.5	12.4	18	16	42	64	W-TSA1028	W-TSA1067	W-TSA1114
CUS-467	70	11.2	14.7	21	18	50	75	W-TSA1030	W-TSA1068	W-TSA1115
CUS-468	95	13.5	17.4	25	20	52	81	W-TSA1031	W-TSA1069	W-TSA1116
CUS-469	120	15	19.4	28	22	56	88		W-TSA1070	W-TSA1117
CUS-470	150	16.5	21.2	30	26	64	101		W-TSA1071	W-TSA1118
CUS-471	185	18.5	23.5	34	32	68	112		W-TSA1072	W-TSA1119
CUS-472	240	21	26.5	38	38	80	132		W-TSA1073	W-TSA1120
CUS-473	300	23.5	30	43	42	88	145		W-TSA1074	W-TSA1121
CUS-474	400	28.5	36.5	53	44	104	166		W-TSA1075	W-TSA1122
CUS-475	500	30	39	56	48	112	180		W-TSA1076	W-TSA1123
CUS-476	625	35	45	65	56	132	210		W-TSA1077	W-TSA1124

Copper Tube Terminal – D.L.W.

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Specially designed as per DLW specifications



Product Code	Conductor	Cable Size	Stud Hole Size	Dimensions								Type
	mm2			A	C	D	B	H	G	J	L	
CUS-37	133	650/0.5	10.3	17	22.2	32	27	28	19	82	-	I
CUS-38			10.3					19	14	67	-	I
CUS-40			10.3					19	14	62	-	I
CUS-41			10.3					19	14	67	-	III
CUS-47			8.7					11	11	79	22.2	V
CUS-51			8.7					14	13	109	44.4	VI▲
CUS-42	270	1325/0.5	16.6	24.6	31.7	46	40	22	21	94	-	I
CUS-43			13.5				40	22	21	94	-	I
CUS-44			13.5				35	22	21	86	-	III
CUS-48			10.3				40	13	12	97	25.4	V
CUS-49			13.5				40	13	12	105	31.7	IV
CUS-45	400	1925/0.5	17.4	29.3	37.2	53	47	29	22	108	-	I
CUS-46			13.5				47	29	22	108	-	I
CUS-50			14.3				51	27	13	130	31.7	IV

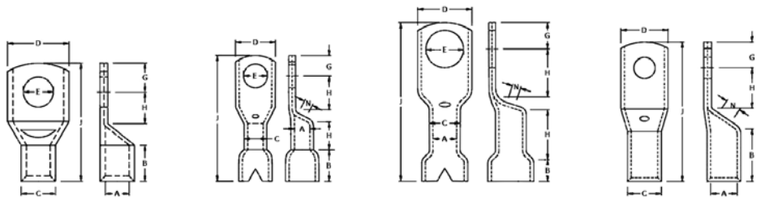
Copper Tube Terminal – C.L.W.

dowell's | POLYCAB

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Specially designed as per CLW specifications



Product Code	Conductor mm2	Cable Size	Stud Hole Size	Dimensions								Type
				A	C	D	B	H	G	J	N	
CUS-66	3	45/0.3	3.2	2.6	4.6	7	5.5	6.5	3.5	15.5	-	I
CUS-67			3.2			5			2.5	14.5		I
CUS-65			4.2			7.3			4	16		I
CUS-209	3	45/0.3	4.2	2.6	4.6	8	5.5	6	4	16	-	I
CUS-210			5.2		4.6	8	5.5	5	4	16	-	I
CUS-211			6.2		5	10	8	6.5	5	34	1.5	III
CUS-228	10	144/0.3	6.2	5	7	10	10	11	7	40	3	VII
CUS-68			8.2			12						VII
CUS-69			10.2			14						VII
CUS-212	25	127/0.5	6.2	8	10	15	16	14	10	45	3	IV
CUS-56			8.2									IV
CUS-187	35	-	8.2	9.6	12	17	20	21	14	60	3	IV
CUS-87	50	175/0.5	10.5	10.8	14	20	20	20	14	60	3	IV
CUS-230		175/0.6	15									IV
CUS-229	70	-	11	12.8	17	24	25	18	12	65	4	IV
CUS-55	120	427/0.6	14	17	22.2	32	30	27	18	88	4	IV
CUS-70			21									IV
CUS-54	150	525/0.6	16	18	24	34	35	25	18	90	5	IV
CUS-213	225	760/0.6	16	22	28	40	45	25	18	100	5	IV
CUS-214			11					22	15	130		V
CUS-71			11					25	18	100		IV
CUS-215	270	950/0.6	11	26	32	40	55	24	15	142	5	VIII
CUS-72			-		30	-	-	-	-	70	-	VI
CUS-74	475	1680/0.6	11	36.5	46.1	50	75	24	15	165	5	VIII
CUS-73			22					33	22	145		IV
CUS-75			11					33	22	145		IV

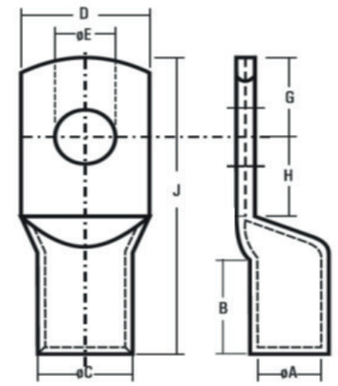
Copper Tube Terminal – I.C.F.

dowell's | POLYCAB

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

No inspection window is ideal for corrosive environments
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Specially designed as per ICF specifications



Product Code	AMPS	Stud Hole Size	Dimensions						
			A	C	D	B	H	G	J
CUS-106	11-17	M5	6	8.5	11.9	14	10	6	33
CUS-145		M6							
CUS-146		M8			16		11	9	37
CUS-109		M10							
CUS-107	11-23	M5	7.1	10.2	14.3	18	10	7	39
CUS-147		M6						7	39
CUS-148	17-23	M8	7.1	10.2	14.3	18	10	7	39
CUS-108		M10			19		12	10	44
CUS-110	23-29	M5	8	11.7	16.3	18	11	8	41
CUS-149		M6							
CUS-150		M8							
CUS-151		M10			20		14	11	47
CUS-111		M12							
CUS-116	29-45	M5	9.8	13.7	19.3	18	10	10	43
CUS-152		M6							
CUS-153		M8							
CUS-154		M10							
CUS-113		M12			22		14	11	48
CUS-112	45-57	M6	11.1	15.8	22.2	24	15	11	56
CUS-155		M8							
CUS-156		M10							
CUS-157		M12							
CUS-114	57-75	M6	12.6	17.8	25	24	15	13	58
CUS-158		M8							
CUS-159		M10							
CUS-160		M12							

Copper Tube Terminal – I.C.F.

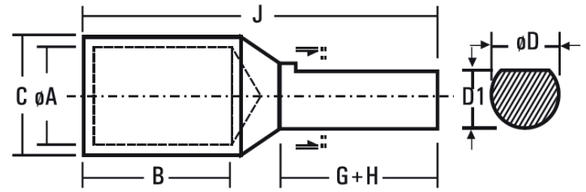
Product Code	AMPS	Stud Hole Size	Dimensions						
			A	C	D	B	H	G	J
CUS-137		M6							
CUS-161	75-90	M8	13.7	19.1	26.9	24	16	13	59
CUS-162		M10							
CUS-163		M12							
CUS-115		M6							
CUS-164	90-110	M8	15.3	20.9	29.6	24	17	15	62
CUS-165		M10							
CUS-166		M12							
CUS-138		M8							
CUS-167	110-146	M10	17.5	24	34	29	18	17	71
CUS-168		M12							
CUS-169		M16							
CUS-128		M10							
CUS-170	146-183	M12	19.8	26.9	38.2	29	21	18	76
CUS-171		M16							
CUS-139		M10							
CUS-172	183-225	M12	21.9	29.7	42.2	29	24	21	83
CUS-173		M16							
CUS-174		M20							
CUS-140		M12							
CUS-175	225-299	M16	25.4	34	48.5	29	26	24	89
CUS-176		M20							
CUS-141		M12							
CUS-177	299-366	M16	28	37.6	53.6	38	29	26	105
CUS-178		M20							
CUS-142		M12							
CUS-179	366-437	M16	30.5	41.7	59.1	38	32	29	111
CUS-180		M20							

Copper Reducer Terminals

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Short pin length design permits easy installation in limited space applications
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire



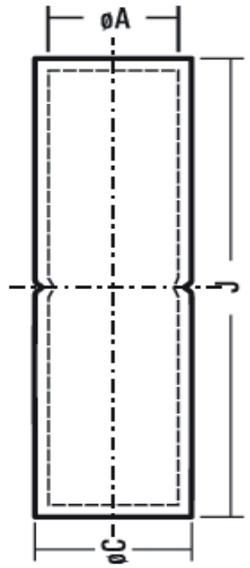
Product Code	Conductor	Dimensions							Recommended Tools & Dies		
	mm2	A	C	D	D-1	B	G+H	J	SYB 95	SYB 150B	SYT 102R
WPC-7	2.5	2.5	4.7	3.8	3.3	6	10	20	SYA-427 / SYT-17 / SYT-2		
WPC-16	4	2.8	4.7	3.8	3.3	6	10	20			
WPC-18	6	3.1	4.7	3.8	3.3	6	10	20			
WPC-20	10	3.8	5.5	3.8	3.3	9	10	23			
WPC-22	10	4.4	6.2	3.8	3.3	9	10	23	W-TSA1024		
WPC-2	16	5.3	7.1	3.8	3.3	13	13	30	W-TSA1025		
WPC-25	25	7	9	6	5.5	12	15	32	W-TSA1026		
WPC-4	35	8	10	7.5	6.5	12	20	37	W-TSA1027		
WPC-26	50	9.2	11.2	7.5	6.5	16	20	41	W-TSA1028		
WPC-27	70	11.3	13.8	7.5	6.5	18	20	43	W-TSA1029		W-TSA1114
WPC-29	95	12.8	15.6	11.5	10.5	20	25	51	W-TSA1030		W-TSA1115
WPC-35	120	14.8	17.8	11.5	10.5	22	32	60	W-TSA1031	W-TSA1070	W-TSA1116
WPC-37	150	16	19.6	11.5	10.5	26	32	64		W-TSA1071	W-TSA1117
WPC-38	185	18	22	11.5	10.5	32	32	70		W-TSA1072	W-TSA1118
WPC-39	225	20	26	15.6	14	38	32	78		W-TSA1073	W-TSA1119
WPC-43	240	21.2	26	15.6	14	38	32	78		W-TSA1073	W-TSA1119
WPC-45	300	24	28.7	16	15	42	42	92		W-TSA1074	W-TSA1120
WPC-101	400	27	33.2	15.6	14	46	32	90		W-TSA1075	W-TSA1121

Copper Tube In – Line Connector

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Manufactured from seamless tubing
Provides maximum conductivity, low resistance and ductility



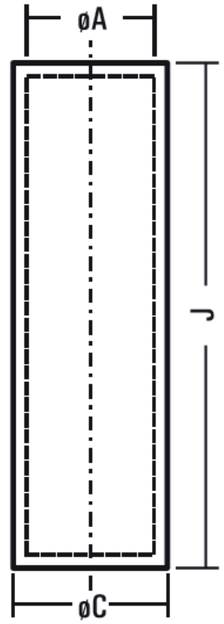
Product Code	Conductor	Dimensions			Recommended Tools & Dies		
	mm2	A	C	J	SYB 95	SYB 150B	SYT 102R
EH-453	1.5	1.6	3.2	15	SYA-427 / SYT-17 / SYT-2		
CB-41	1.5	1.8	3.7	12			
EH-454	2.5	2.4	4	15			
CB-3	4	3.1	4.8	15			
EH-455	4.6	3.5	5.5	15			
CB-4	6	3.8	5.5	15			
EH-460	10	4.5	6.2	20	W-TSA1024		
CB-6	16	5.4	7.1	20	W-TSA1025		
CB-47	20	6	7.7	22	W-TSA1025		
CB-24	25	6.8	8.8	32	W-TSA1026		
CB-25	35	8.2	10.6	36	W-TSA1027		
CB-26	50	9.5	12.4	40	W-TSA1028		W-TSA1114
CB-51	70	11.2	14.7	40	W-TSA1029		W-TSA1115
CB-52	95	13.5	17.4	45	W-TSA1030		W-TSA1116
CB-53	120	15	19.4	45	W-TSA1031	W-TSA1070	W-TSA1117
CB-54	150	16.5	21.2	55		W-TSA1071	W-TSA1118
CB-55	185	18.5	23.5	65		W-TSA1072	W-TSA1119
CB-56	240	21	26.5	80		W-TSA1073	W-TSA1120
CB-57	300	23.5	30	85		W-TSA1074	W-TSA1121
CB-58	400	26.8	34.8	90		W-TSA1075	W-TSA1122
CB-59	500	30	39	100		W-TSA1076	W-TSA1123
CB-61	630	35	45	110		W-TSA1077	W-TSA1124
CB-42	800	39	50.6	150		W-TSA1078	
CB-43	1000	43	56.2	170		W-TSA1079	

Copper Tube In – Line Connector – Long Barrel

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Manufactured from seamless tubing
Provides maximum conductivity, low resistance and ductility



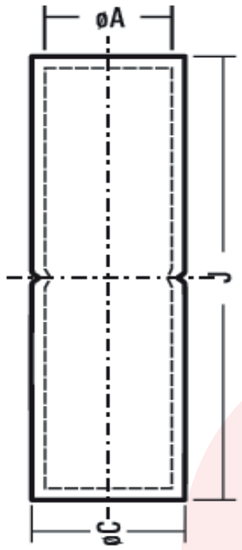
Product Code	Conductor	Dimensions			Recommended Tools & Dies		
	mm2	A	C	J	SYB 95	SYE 150B	SYT 102R
CBL-453	1.5	1.6	3.2	23	SYA-427 / SYT-17 / SYT-2		
CBL-23	2.5	2	3.7	23			
CBL-3	4	3.1	4.8	23			
CBL-4	6	3.8	5.5	23			
CBL-460	10	4.4	6.2	30	W-TSA1024		
CBL-6	16	5.3	7.1	30	W-TSA1025		
CBL-7	25	7	9	38	W-TSA1026		
CBL-8	35	8	10	45	W-TSA1027		
CBL-9	50	9.2	11.2	53	W-TSA1028		
CBL-10	70	11.6	13.8	60	W-TSA1029		W-TSA1114
CBL-11	95	12.8	15.6	68	W-TSA1030		W-TSA1115
CBL-12	120	14.8	17.8	75	W-TSA1031		W-TSA1116
CBL-13	150	16	19.6	83		W-TSA1071	W-TSA1117
CBL-14	185	18	22	90		W-TSA1072	W-TSA1118
CBL-20	225	20	24	98		W-TSA1073	W-TSA1119
CBL-15	240	22	26	98		W-TSA1073	W-TSA1119
CBL-16	300	24	28.7	113		W-TSA1074	W-TSA1120
CBL-17	400	28	33.2	135		W-TSA1075	W-TSA1121
CBL-18	500	30	36	143		W-TSA1076	
CBL-19	630	35	41.5	158		W-TSA1077	
CBL-21	800	39	46.3	180		W-TSA1078	
CBL-22	1000	43	53.8	225		W-TSA1079	

Copper Tube In-Line Connector - DIN 46267

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Heavy duty connectors desgin as per DIN 46267
Manufactured from seamless tubing
Provides maximum conductivity, low resistance and ductility



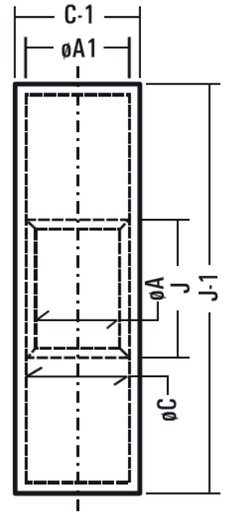
Product Code	Conductor	Dimensions			Recommended Tools & Dies		
	mm2	A	C	J	SYB 95	SYB 150B	SYT 102R
DIN-6	6	3.8	5.5	30	SYA-427 / SYT-17 / SYT-2		
DIN-10	10	4.5	6	30	W-TSA1024		
DIN-16	16	5.5	8.5	50	W-TSA1025		
DIN-25	25	7	10	50	W-TSA1026		
DIN-35	35	8.2	12.5	50	W-TSA1027		
DIN-50	50	10	14.5	56	W-TSA1028		W-TSA1114
DIN-70	70	11.5	16.5	56	W-TSA1030		W-TSA1115
DIN-95	95	13.5	19	70	W-TSA1031		W-TSA1116
DIN-120	120	15.5	21	70		W-TSA1070	W-TSA1117
DIN-150	150	17	23.5	80		W-TSA1071	W-TSA1118
DIN-185	185	19	25.5	85		W-TSA1072	W-TSA1119
DIN-240	240	21.5	29	90		W-TSA1073	W-TSA1120
DIN-300	300	24.5	32	100		W-TSA1074	W-TSA1121
DIN-400	400	27.5	38.5	150		W-TSA1075	W-TSA1122
DIN-500	500	31	42	160		W-TSA1076	W-TSA1123
DIN-625	625	34.5	44	160		W-TSA1077	W-TSA1124
DIN-800	800	40	52	200		W-TSA1078	
DIN-1000	1000	44	58	200		W-TSA1079	

Copper Tube In -Line Connector - Insulated

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Manufactured from seamless tubing
Provides maximum conductivity, low resistance and ductility
Polymeric insulation offers high dielectric strength and stability in oily environmental conditions



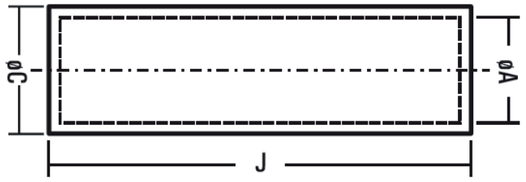
Product Code	Conductor	Dimensions						Recommended Tools
	mm2	A	C	A-1	C-1	J-1	J	SYT 102R
EH-463	1.5	1.6	3.2	3.3	4.9	25	15	SYG-2216/SYT-1546
EH-464	2.5	2.4	4	4.1	5.5	25	15	SYH-1614/SYT-1546
EH-465	4 - 6	3.5	5.5	5.6	7.2	27	15	SYI-1210/SYT-1546

Copper Tube In-Line Connector - D.L.W.

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Manufactured from seamless tubing
Specially designed as per DLW specifications



Product Code	Conductor	'C/C-1' Cable Size	Dimensions			Recommended Tools & Dies		
	mm2		A	C	J	SYB 95	SYB 150B	SYT 102R
EH-453	1.5	1/1.4	1.6	3.2	15	SYA-427 / SYT-17 / SYT-2		
CB-23	2.5	1/1.8	2	3.7	15			
CB-3	4	1/2.8	3.1	4.8	15			
CB-4	6	1/3.55	3.8	5.5	15			
EH-460	10	7/1.4	4.4	6.2	20	W-TSA1024		
CB-6	16	7/1.7	5.3	7.1	20	W-TSA1025		
CB-7	25	7/2.2	7	9	25	W-TSA1026		
CB-8	35	7/2.5	8	10	30	W-TSA1027		
CB-9	50	19/1.8	9.2	11.2	35	W-TSA1028		W-TSA1114
CB-10	70	19/2.24	11.5	13.8	40	W-TSA1029		W-TSA1115
CB-11	95	19/2.5	12.8	15.6	45	W-TSA1030		W-TSA1116
CB-12	120	37/2.06	14.8	17.8	50	W-TSA1031	W-TSA1070	W-TSA1117
CB-13	150	37/2.24	16	19.6	55		W-TSA1071	W-TSA1118
CB-14	185	37/2.5	18	22	60		W-TSA1072	W-TSA1119
CB-20	225	37/2.8	20	24	65		W-TSA1072	W-TSA1119
CB-15	240	61/2.24	22	26	65		W-TSA1073	W-TSA1120
CB-16	300	61/2.5	24	28.7	75		W-TSA1074	W-TSA1121
CB-17	400	61/3	28	33.2	90		W-TSA1075	W-TSA1122
CB-18	500	91/2.65	30	36	95		W-TSA1076	W-TSA1123
CB-19	625	91/3	35	41.5	105		W-TSA1077	W-TSA1124
CB-21	800	91/3.35	39	46.3	120		W-TSA1078	
CB-22	1000	91/3.65	43	53.8	150		W-TSA1079	

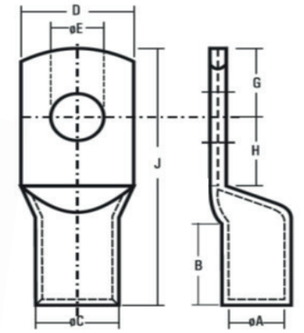
Aluminium Tube Terminals

Material : EC Grade Aluminium

Finish : Natural

Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire

Short/Standard length barrel is recommended for installations with limited space requirements



Product Code	Conductor	Stud Size	Dimensions						Recommended Tools & Dies		
	mm2	E	A	C	D	B	G+H	J	SYB 95	SYE 150B	SYT-102R
ALS-151	2.5	M3	2	5.5	7	7	8	18	SYA-427 / SYT-17 / SYT-2		
ALS-309		M3.5	2.6								
ALS-155	4	M4	2.9	5.5	7	7	8	18			
ALS-317		M5			12		13	24			
ALS-158	6	M5	3.5	5.5	8	7	13	24			
ALS-313		M6			12						
ALS-214	10	M6	4.4	7.4	10	9	17	30	W-TSA1024		
ALS-215		M8			15						
ALS-252		M6			11						
ALS-216	16	M8	5.4	8.3	11	13	20	37	W-TSA1025		
ALS-217		M10			18						
ALS-218		M8			14						
ALS-219	25	M10	7	10	20	16	21	44	W-TSA1027		
ALS-220		M12			20						
ALS-221	35	M8	8	10.8	15	18	22	47	W-TSA1037		
ALS-222		M10			20						
ALS-255		M8			18						
ALS-312	50	M10	9.3	13	23	22	24	54	W-TSA1029		W-TSA1114
ALS-224		M12			23						
ALS-256		M8									
ALS-225	70	M10	11.6	16	22	26	26	60	W-TSA1030		W-TSA1115
ALS-226		M12									
ALS-227		M10									
ALS-228	95	M12	12.9	17.1	25	28	28	64	W-TSA1031		W-TSA1116
ALS-229		M16									
ALS-257		M10									
ALS-230	120	M12	14.8	19.6	28	32	30	73	W-TSA1032	W-TSA1071	W-TSA1117
ALS-231		M16									
ALS-258		M10									
ALS-232	150	M12	16.1	21.2	31	34	34	79		W-TSA1072	W-TSA1118
ALS-233		M16									
ALS-311		M10									
ALS-234	185	M12	18	23.7	34	36	36	84		W-TSA1073	W-TSA1119
ALS-235		M16									
ALS-320	225	M12	20.6	27	39	40	40	94		W-TSA1073	W-TSA1120
ALS-236	240	M12	22	28	40	44	44	102		W-TSA1074	W-TSA1120
ALS-237		M16									
ALS-300	300	M16	24	31	45.7	47	54	115		W-TSA1075	W-TSA1121
ALS-259		M20									
ALS-260	400	M20	28	36	51	56	61	130		W-TSA1076	W-TSA1122
ALS-296	500	M20	30	41	58	60	65	140		W-TSA1077	W-TSA1123
ALS-261	630	M20	35	46	66	69	69	154		W-TSA1078	W-TSA1124
ALS-318	800	-	39	51	73	77	78	180		W-TSA1079	
ALS-319	1000	-	43.5	57	81	100	90	220			

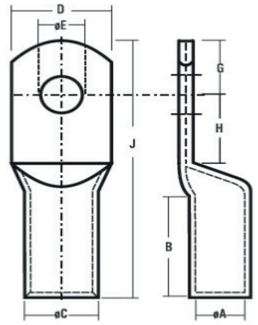
Aluminium Tube Terminals – Long Barrel

Material : EC Grade Aluminium

Finish : Natural

Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire

Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection



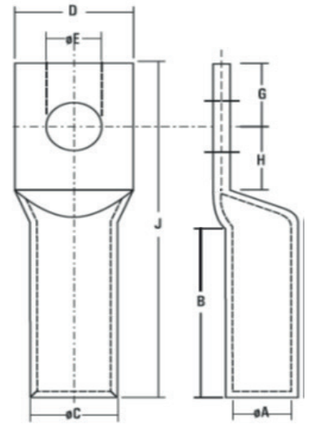
Product Code	Conductor	Stud Size	Dimensions						Recommended Tools & Dies		
	mm2		A	C	D	B	G+H	J	SYB 95	SYE 150B	SYT-102R
ALS-551	2.5	M3	2	5.5	7	10.5	8	21.5	SYA-427 / SYT-17 / SYT-2		
ALS-509		M3.5	2.6								
ALS-555	4	M4	2.9	5.5	7	10.5	8	21.5			
ALS-517		M5			12		13	27.5			
ALS-558	6	M5	3.5	5.5	8	10.5	13	27.5			
ALS-513		M6			12						
ALS-514	10	M6	4.4	7.4	10	13.5	17	34.5	W-TSA1024		
ALS-515		M8			15						
ALS-552		M6			11						
ALS-516	16	M8	5.4	8.3	11	19.5	20	43.5	W-TSA1025		
ALS-617		M10			18						
ALS-518		M8			14						
ALS-519	25	M10	7	10	20	24	21	52	W-TSA1027		
ALS-520		M12			20						
ALS-521	35	M8	8	10.8	15	27	22	56	W-TSA1037		
ALS-522		M10			20						
ALS-655		M8			18						
ALS-512	50	M10	9.3	13	23	33	24	65	W-TSA1029		W-TSA1114
ALS-524		M12			23						
ALS-556		M8									
ALS-525	70	M10	11.6	16	22	39	26	73	W-TSA1030		W-TSA1115
ALS-526		M12									
ALS-527		M10									
ALS-528	95	M12	12.9	17.1	25	42	28	78	W-TSA1031		W-TSA1116
ALS-529		M16									
ALS-557		M10									
ALS-530	120	M12	14.8	19.6	28	48	30	89	W-TSA1032	W-TSA1071	W-TSA1117
ALS-531		M16									
ALS-658		M10									
ALS-532	150	M12	16.1	21.2	31	51	34	96		W-TSA1072	W-TSA1118
ALS-533		M16									
ALS-511		M10									
ALS-534	185	M12	18	23.7	34	54	36	102		W-TSA1073	W-TSA1119
ALS-535		M16									
ALS-620	225	M12	20.6	27	39	60	40	114		W-TSA1073	W-TSA1120
ALS-536	240	M12	22	28	40	66	44	124		W-TSA1074	W-TSA1120
ALS-537		M16									
ALS-500	300	M16	24	31	45.7	70.5	54	138.5		W-TSA1075	W-TSA1121
ALS-559		M20									
ALS-560	400	M20	28	36	51	84	61	158		W-TSA1076	W-TSA1122
ALS-596	500	M20	30	41	58	90	65	170		W-TSA1077	W-TSA1123
ALS-561	630	M20	35	46	66	103.5	69	188.5		W-TSA1078	W-TSA1124
ALS-618	800		39	51	73	115.5	78	218.5		W-TSA1079	
ALS-619	1000		43.5	57	81	150	90	270			

Aluminium Tube Terminals – For XLPE Conductor

Material : EC Grade Aluminium

Finish : Natural

Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire
Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
Specially designed for compact XLPE conductor



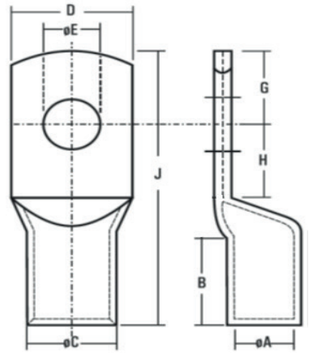
Product Code	Conductor	Stud Hole Size	Dimensions							Recommended Tools & Dies		
	mm2		A	C	D	B	H	G	J	SYB 95	SYE 150B	SYT-102R
ALS-XL17	25	8.2	7.2	9.6	14	41	12	9	69	W-TSA1027		
ALS-XL18	35	8.2	8.3	11.1	16	50	11	11	79	W-TSA1037		
ALS-XL19	50	10.2	10.1	13.5	19.5	49	13	11	81	W-TSA1029		W-TSA1114
ALS-XL20	70	10.2	10.2	14.5	20.5	62	13	13	96	W-TSA1030		W-TSA1115
ALS-XL21	95	12.7	12	16.9	23.5	73	14	14	109	W-TSA1031		W-TSA1116
ALS-XL22	120	12.7	13.7	19	26.5	73	15	15	114	W-TSA1032	W-TSA1071	W-TSA1117
ALS-XL23	150	12.7	15.1	21.1	29.5	83	17	17	128	W-TSA1033	W-TSA1072	W-TSA1118
ALS-XL24	185	12.7	16.6	23.9	33	83	18	18	131	W-TSA1043	W-TSA1073	W-TSA1119
ALS-XL25	225	12.7	18.6	26.1	36	86	20	20	140		W-TSA1073	W-TSA1120
ALS-XL26	240	12.7	19.3	27.2	37.5	86	22	22	144		W-TSA1074	W-TSA1120
ALS-XL27	300	20.3	21.8	30.2	42	89	27	27	157		W-TSA1075	W-TSA1121
ALS-XL28	400	20.3	25	34.8	48	113	30	30	187		W-TSA1076	W-TSA1122
ALS-XL29	500	20.3	28.2	39.1	54	125	32	32	205		W-TSA1077	W-TSA1123
ALS-XL30	630	20.3	31.7	44.4	61	140	34	34	224		W-TSA1078	W-TSA1124
ALS-XL31	800	20.3	35.7	49.5	68	147	39	39	250		W-TSA1079	
ALS-XL32	1000	20.3	41	56	77.5	160	45	45	280			

Aluminium Tube Terminals – Electro Tin Plated (Bi-Metallic)

Material : EC Grade Aluminium

Finish : Electro Tinned

Dual rated to accommodate both copper and aluminum wire
Manufactured from seamless tubing
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire



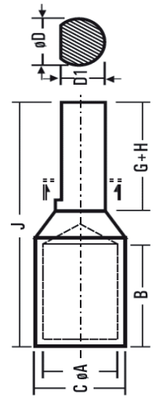
Product Code	Conductor	Stud Size	Dimensions						Recommended Tools & Dies		
	mm2		A	C	D	B	G+H	J	SYB 95	SYB 150B	SYT 102R
BL-1	10	M6	4.4	7.4	10	9	17	30	W-TSA1024		
BL-2		M8			15						
BL-3	16	M6	5.4	8.3	11	13	20	37	W-TSA1025		
BL-4		M8			11						
BL-5	25	M8	7	10	14	16	21	44	W-TSA1027		
BL-6		M10			20						
BL-7	35	M8	8	10.8	15	18	22	47	W-TSA1037		
BL-8		M10			20						
BL-9	50	M8	9.3	13	18	22	24	54	W-TSA1029		W-TSA1114
BL-10		M10			23						
BL-11	70	M10	11.6	16	22	26	26	60	W-TSA1030		W-TSA1115
BL-12		M12									
BL-13	95	M10	12.9	17.1	25	28	28	64	W-TSA1031		W-TSA1116
BL-14		M12									
BL-15	120	M10	14.8	19.6	28	32	30	73	W-TSA1032	W-TSA1071	W-TSA1117
BL-16		M12									
BL-17	150	M12	16.1	21.2	31	34	34	79		W-TSA1072	W-TSA1118
BL-18		M16									
BL-19	185	M12	18	23.7	34	36	36	84		W-TSA1073	W-TSA1119
BL-20		M16									
BL-21	225	M12	20.6	27	39	40	40	94		W-TSA1073	W-TSA1120
BL-22	240	M12	22	28	40	44	44	102		W-TSA1074	W-TSA1120
BL-23		M16									
BL-24	300	M16	24	31	45.7	47	54	115		W-TSA1075	W-TSA1121
BL-25		M20									
BL-26	400	M20	28	36	51	56	61	130		W-TSA1076	W-TSA1122
BL-27	500	M20	30	41	58	60	65	140		W-TSA1077	W-TSA1123
BL-28	630	M20	35	46	66	69	69	154		W-TSA1078	
BL-29	800		39	51	73	77	78	180		W-TSA1079	
BL-30	1000		43.5	57	81	100	90	220			

Aluminium Reducer Terminals

Material : EC Grade Aluminium

Finish : Natural

Short pin length design permits easy installation in limited space applications
Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire



Product Code	Conductor	Dimensions							Recommended Tools & Dies		
	mm2	A	C	D	D-1	B	G+H	J	SYB 95	SYE 150B	SYT-102R
AWP-1	2.5	2	5.5	4.5	4	7	10	21	SYT-17 SYA-427 SYT-2		
AWP-7		2.6		3.8	3.3						
AWP-15	4	2.9	5.5	4.5	4	7	10	21			
AWP-16				3.8	3.3						
AWP-17	6	3.5	5.5	4.5	4	7	10	21			
AWP-18				3.8	3.3						
AWP-19		3.8		4.5	4						
AWP-20	10	3.8	7.4	3.8	3.3	9	10	23	W-TSA1024		
AWP-21		4.4		4.5	4						
AWP-22		4.4		3.8	3.3						
AWP-23				6	5.5		15	33			
AWP-24	16	5.4	8.3	6	5.5	13	20	38	W-TSA1025		
AWP-2				3.8	3.3		13	31			
AWP-25	25	7	10	6	5.5	16	15	36	W-TSA1027		
AWP-3				7.5	6.5		20	41			
AWP-4	35	8	10.8	7.5	6.5	18	20	43	W-TSA1037		
AWP-26	50	9.3	13	7.5	6.5	22	20	47	W-TSA1029		W-TSA1114
AWP-5		10.4	14	14	13		24	53			
AWP-27				7.5	6.5		20	51			
AWP-6	70	11.6	16	11.5	10.5	26	25	56	W-TSA1030		W-TSA1115
AWP-28				11.5	10.5		32	63			
AWP-29				11.5	10.5		25	59			
AWP-8	95	12.9	17.1	15.6	14	28	27	61	W-TSA1031		W-TSA1116
AWP-31				7.5	6.5		22	56			
AWP-32				12.8	11.8		32	66			
AWP-33				11.5	10.5		25	63			
AWP-34	120	14.8	19.6	7.5	6.5	32	22	60	W-TSA1032	W-TSA1071	W-TSA1117
AWP-35				11.5	10.5		32	70			
AWP-36				15.6	14		32	70			
AWP-10	150	16.1	21.2	15.6	14	34	32	72		W-TSA1072	W-TSA1118
AWP-37				11.5	10.5						
AWP-30	185	18	23.7	15.6	14	36	32	74		W-TSA1073	W-TSA1119
AWP-38				11.5	10.5						
AWP-39				15.6	14		32	80			
AWP-46	225	20.6	27	21	18	40	42	90		W-TSA1074	W-TSA1120
AWP-42				16	15		42	90			
AWP-44	240	22	28	16	15	44	42	94		W-TSA1074	W-TSA1120
AWP-43				15.6	14		32	84			
AWP-45	300	24	31	16	15	47	42	97		W-TSA1075	W-TSA1121
AWP-47				15.6	14		32	87			

Aluminium Tube In - Line Connector

Material : EC Grade Aluminium
Finish : Natural

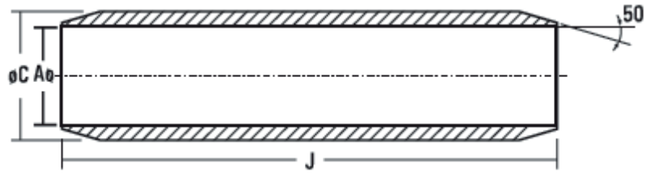
Manufactured from seamless tubing
Provides maximum conductivity, low resistance and ductility

Product Code	Conductor	Dimensions			Recommended Tools & Dies		
	mm2	A	C	J	SYB 95	SYE 150B	SYT 102R
ALS-6	2.5	2.6	5.5	16	SYA-427 SYT-17 SYT-2		
ALS-5	4	2.9	5.5	16			
ALS-13	6	3.5	5.5	16			
ALS-14	10	4.4	7.4	20	W-TSA1024		
ALS-4	16	5.4	8.3	26	W-TSA1025		
ALS-3	25	7	10	35	W-TSA1027		
ALS-2	35	8	10.8	40	W-TSA1037		
ALS-12	50	9.3	13	45	W-TSA1029		W-TSA1114
ALS-1	70	11.6	16	55	W-TSA1030	W-TSA1070	W-TSA1115
ALS-15	95	12.9	17.1	60	W-TSA1031	W-TSA1071	W-TSA1116
ALS-9	120	14.8	19.6	65	W-TSA1032	W-TSA1072	W-TSA1117
ALS-10	150	16.1	21.2	70		W-TSA1073	W-TSA1118
ALS-11	185	18	23.7	75		W-TSA1073	W-TSA1119
ALS-147	225	20.6	27	85		W-TSA1074	W-TSA1120
ALS-16	240	22	28	90		W-TSA1075	W-TSA1120
ALS-17	300	24	31	100		W-TSA1076	W-TSA1121
ALS-18	400	28	36	115		W-TSA1077	W-TSA1122
ALS-19	500	30	41	125		W-TSA1078	W-TSA1123
ALS-20	630	35	46	140		W-TSA1079	W-TSA1124
ALS-148	800	39	51	160			
ALS-149	1000	43.5	57	210			

Aluminium In -Line Connector For XLPE Conductor

Material : EC Grade Aluminium
Finish : Natural

Manufactured from seamless tubing
Provides maximum conductivity, low resistance and ductility
Specially designed for compact XLPE conductor

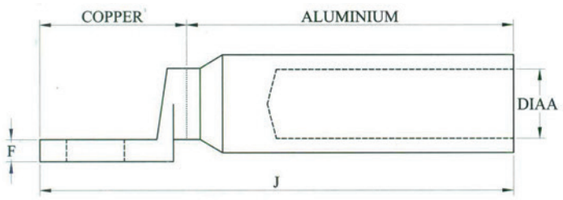


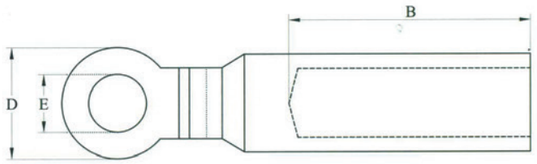
Product Code	Conductor	Dimensions			Recommended Tools & Dies		
	mm2	A	C	J	SYB 95	SYE 150B	SYT 102R
ALS-XL1	25	7.2	9.6	82	W-TSA1027		
ALS-XL2	35	8.3	11.1	90	W-TSA1037		
ALS-XL3	50	10.1	13.5	100	W-TSA1029		W-TSA1114
ALS-XL4	70	10.2	14.5	104	W-TSA1030		W-TSA1115
ALS-XL5	95	12	16.9	108	W-TSA1031		W-TSA1116
ALS-XL6	120	13.7	19	112	W-TSA1032	W-TSA1071	W-TSA1117
ALS-XL7	150	15.1	21.2	116	W-TSA1033	W-TSA1072	W-TSA1118
ALS-XL8	185	16.6	23.9	128	W-TSA1043	W-TSA1073	W-TSA1119
ALS-XL9	225	18.6	26.1	136		W-TSA1073	W-TSA1120
ALS-XL10	240	19.3	27.2	148		W-TSA1074	W-TSA1120
ALS-XL11	300	21.8	30.2	160		W-TSA1075	W-TSA1121
ALS-XL12	400	25	34.8	182		W-TSA1076	W-TSA1122
ALS-XL13	500	28.2	39.1	190		W-TSA1077	W-TSA1123
ALS-XL14	630	31.7	44.4	200		W-TSA1078	W-TSA1124
ALS-XL15	800	35.7	49.5	225		W-TSA1079	
ALS-XL16	1000	41	56	250			

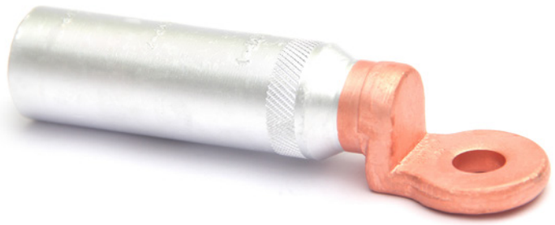
Bi-Metallic Terminals

Material : Palm - EC Grade Copper
Barrel - EC Grade Aluminium
Finish : Natural

Friction welded lugs suitable for Aluminium Conductor and Copper termination end
Barrel pre-filled with corrosion inhibiting compound and sealed with cap
Crimping positions are clearly marked on barrel





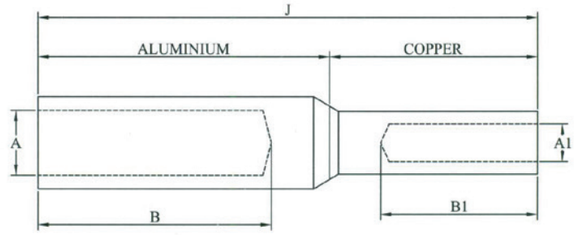


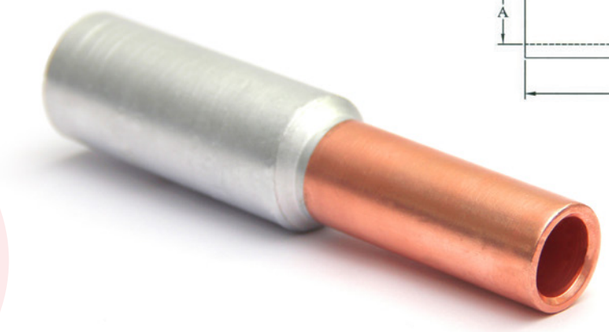
Product Code	Conductor	Stud Size	Dimensions				
	mm2		A	D	F	B	J
CAF-25-10	25	10.5	7.5	19	4	30	70
CAF-35-10	35	10.5	8.5	19	4	30	75
CAF-50-13	50	13	10.2	24	5	35	85
CAF-70-13	70	13	11.5	24	5	40	90
CAF-95-13	95	13	13.5	24	5	45	95
CAF-120-13	120	13	15.5	30	6	50	105
CAF-150-13	150	13	16.5	30	6	55	110
CAF-185-13	185	13	18	35	7	60	130
CAF-240-13	240	13	22	35	7	65	135
CAF-300-17	300	17	23.5	36	7.5	70	140
CAF-400-17	400	17	26.5	36	7.5	75	145
CAF-500	500	-	30	55	10.5	95	200
CAF-630	630	-	34	55	10.5	95	200

Bi-Metallic Connectors

Material : EC Grade Copper & EC Grade Aluminium
Finish : Natural

Friction welded lugs suitable connect Aluminium Conductor and Copper Conductor





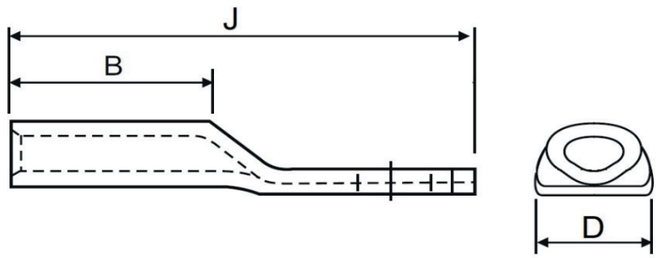
Product Code	Conductor Size mm2		Dimensions				
	Aluminium	Copper	A	B	A1	B1	J
CACF-16-16	16	16	5.5	43	5.6	29	88
CACF-25-16	25	16	6.5	43	5.6	29	88
CACF-25-25	25	25	6.5	43	7	29	88
CACF-35-16	35	16	8	43	5.6	29	88
CACF-35-25	35	25	8	43	7	29	88
CACF-35-35	35	35	8	43	8	29	88
CACF-50-25	50	25	9	43	7	29	88
CACF-50-35	50	35	9	43	8	29	88
CACF-50-50	50	50	9	43	9.5	29	88
CACF-70-35	70	35	11	43	8	29	88
CACF-70-50	70	50	11	43	9.5	29	88
CACF-70-70	70	70	11	43	11	33	90
CACF-95-50	95	50	12.5	43	9.5	29	88
CACF-95-70	95	70	12.5	43	11	33	90
CACF-95-95	95	95	12.5	43	13	33	90
CACF-120-70	120	70	13.7	59	11	33	107
CACF-120-95	120	95	13.7	59	13	33	107
CACF-120-120	120	120	13.7	59	14.2	33	107
CACF-150-95	150	95	15.5	59	13	33	107
CACF-150-120	150	120	15.5	59	14.2	33	107
CACF-150-150	150	150	15.5	59	16	33	107
CACF-185-120	185	120	17	59	14.2	33	107
CACF-185-150	185	150	17	59	16	33	107
CACF-185-185	185	185	17	59	18	43	120
CACF-240-150	240	150	19.5	59	16	33	107
CACF-240-185	240	185	19.5	59	18	43	120
CACF-240-240	240	240	19.5	59	20	43	120

Copper Sector Shaped Lug - Short Barrel

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Lugs are designed to fit 2 / 3 / 3.5 / 4 core sector shaped Copper cable
Reduction in contact resistance Increase in contact surface area.



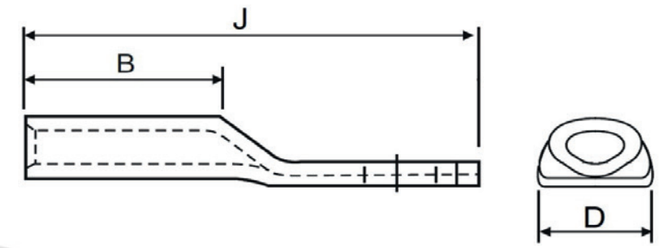
Product Code 2-Core Cable	Product Code 3-Core Cable	Product Code 3.5-Core Cable	Product Code 4-Core Cable	Conductor Size mm2	Dimensions				Crimping Tool & Dies for 2-Core Cable		Crimping Tool & Dies for 3, 3.5, 4-Core Cable	
					E	D	B	J	SYT 7	SYE 150B	SYT 7	SYE 150B
CUS-2101	CUS-3101	CUS-3601	CUS-4101	25	8.4	13.4	16	41	W-TSA1089	W-TSA1227	TD-SYT-7-025	W-TSA1201
CUS-2102	CUS-3102	CUS-3602	CUS-4102		10.5	20						
CUS-2103	CUS-3103	CUS-3603	CUS-4103		13	20						
CUS-2104	CUS-3104	CUS-3604	CUS-4104	35	8.4	16.3	18	48	W-TSA1090	W-TSA1228	TD-SYT-7-035	W-TSA1202
CUS-2105	CUS-3105	CUS-3605	CUS-4105		10.5	20						
CUS-2106	CUS-3106	CUS-3606	CUS-4106	50	8.4	17.8	22	52	W-TSA1091	W-TSA1229	TD-SYT-7-050	W-TSA1203
CUS-2107	CUS-3107	CUS-3607	CUS-4107		10.5	17.8						
CUS-2108	CUS-3108	CUS-3608	CUS-4108		13	20.1						
CUS-2109	CUS-3109	CUS-3609	CUS-4109	70	8.4	21.4	26	64	W-TSA1092	W-TSA1230	TD-SYT-7-070	W-TSA1204
CUS-2110	CUS-3110	CUS-3610	CUS-4110		10.5							
CUS-2111	CUS-3111	CUS-3611	CUS-4111		13							
CUS-2112	CUS-3112	CUS-3612	CUS-4112	95	10.5	25.12	28	67	W-TSA1093	W-TSA1231	TD-SYT-7-095	W-TSA1205
CUS-2113	CUS-3113	CUS-3613	CUS-4113		13							
CUS-2114	CUS-3114	CUS-3614	CUS-4114		17							
CUS-2115	CUS-3115	CUS-3615	CUS-4115	120	10.5	28	32	78	W-TSA1094	W-TSA1232	TD-SYT-7-120	W-TSA1206
CUS-2116	CUS-3116	CUS-3616	CUS-4116		13							
CUS-2117	CUS-3117	CUS-3617	CUS-4117		17							
CUS-2118	CUS-3118	CUS-3618	CUS-4118	150	10.5	32	34	82	W-TSA1095	W-TSA1233	TD-SYT-7-150	W-TSA1207
CUS-2119	CUS-3119	CUS-3619	CUS-4119		13							
CUS-2120	CUS-3120	CUS-3620	CUS-4120		17							
CUS-2121	CUS-3121	CUS-3621	CUS-4121	185	10.5	37	36	86	W-TSA1096	W-TSA1234	TD-SYT-7-185	W-TSA1208
CUS-2122	CUS-3122	CUS-3622	CUS-4122		13							
CUS-2123	CUS-3123	CUS-3623	CUS-4123		17							
CUS-2124	CUS-3124	CUS-3624	CUS-4124	240	13	38.1	44	104	W-TSA1097	W-TSA1235	TD-SYT-7-240	W-TSA1209
CUS-2125	CUS-3125	CUS-3625	CUS-4125		17							
CUS-2126	CUS-3126	CUS-3626	CUS-4126	300	17	46.2	47	107	W-TSA1098	W-TSA1236	TD-SYT-7-300	W-TSA1210
CUS-2127	CUS-3127	CUS-3627	CUS-4127		20.3							
CUS-2128	CUS-3128	CUS-3628	CUS-4128	400	20.3	51.3	56	119		W-TSA1237		W-TSA1211

Copper Sector Shaped Lug -Long Barrel

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Lugs are designed to fit 2 / 3 / 3.5 / 4 core sector shaped Copper cable
Reduction in contact resistance Increase in contact surface area
Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection



Product Code 2-Core Cable	Product Code 3-Core Cable	Product Code 3.5-Core Cable	Product Code 4-Core Cable	Conductor Size mm2	Dimensions				Crimping Tool & Dies for 2-Core Cable		Crimping Tool & Dies for 3, 3.5, 4-Core Cable	
					E	D	B	J	SYT 7	SYE 150B	SYT 7	SYE 150B
CUS-2001	CUS-3001	CUS-3501	CUS-4001	25	8.4	13.4	32	57	W-TSA1089	W-TSA1227	TD-SYT-7-025	W-TSA1201
CUS-2002	CUS-3002	CUS-3502	CUS-4002		10.5	20						
CUS-2003	CUS-3003	CUS-3503	CUS-4003		13	20						
CUS-2004	CUS-3004	CUS-3504	CUS-4004	35	8.4	16.3	42	72	W-TSA1090	W-TSA1228	TD-SYT-7-035	W-TSA1202
CUS-2005	CUS-3005	CUS-3505	CUS-4005		10.5	20						
CUS-2006	CUS-3006	CUS-3506	CUS-4006	50	8.4	17.8	42	72	W-TSA1091	W-TSA1229	TD-SYT-7-050	W-TSA1203
CUS-2007	CUS-3007	CUS-3507	CUS-4007		10.5	17.8						
CUS-2008	CUS-3008	CUS-3508	CUS-4008		13	20.1						
CUS-2009	CUS-3009	CUS-3509	CUS-4009	70	8.4	21.4	52	90	W-TSA1092	W-TSA1230	TD-SYT-7-070	W-TSA1204
CUS-2010	CUS-3010	CUS-3510	CUS-4010		10.5							
CUS-2011	CUS-3011	CUS-3511	CUS-4011		13							
CUS-2012	CUS-3012	CUS-3512	CUS-4012	95	10.5	25.12	56	95	W-TSA1093	W-TSA1231	TD-SYT-7-095	W-TSA1205
CUS-2013	CUS-3013	CUS-3513	CUS-4013		13							
CUS-2014	CUS-3014	CUS-3514	CUS-4014		17							
CUS-2015	CUS-3015	CUS-3515	CUS-4015	120	10.5	28	56	102	W-TSA1094	W-TSA1232	TD-SYT-7-120	W-TSA1206
CUS-2016	CUS-3016	CUS-3516	CUS-4016		13							
CUS-2017	CUS-3017	CUS-3517	CUS-4017		17							
CUS-2018	CUS-3018	CUS-3518	CUS-4018	150	10.5	32	60	108	W-TSA1095	W-TSA1233	TD-SYT-7-150	W-TSA1207
CUS-2019	CUS-3019	CUS-3519	CUS-4019		13							
CUS-2020	CUS-3020	CUS-3520	CUS-4020		17							
CUS-2021	CUS-3021	CUS-3521	CUS-4021	185	10.5	37	60	110	W-TSA1096	W-TSA1234	TD-SYT-7-185	W-TSA1208
CUS-2022	CUS-3022	CUS-3522	CUS-4022		13							
CUS-2023	CUS-3023	CUS-3523	CUS-4023		17							
CUS-2024	CUS-3024	CUS-3524	CUS-4024	240	13	38.1	70	130	W-TSA1097	W-TSA1235	TD-SYT-7-240	W-TSA1209
CUS-2025	CUS-3025	CUS-3525	CUS-4025		17							
CUS-2026	CUS-3026	CUS-3526	CUS-4026	300	17	46.2	70	130	W-TSA1098	W-TSA1236	TD-SYT-7-300	W-TSA1210
CUS-2027	CUS-3027	CUS-3527	CUS-4027		20.3							
CUS-2028	CUS-3028	CUS-3528	CUS-4028	400	20.3	51.3	75	138		W-TSA1237		W-TSA1211

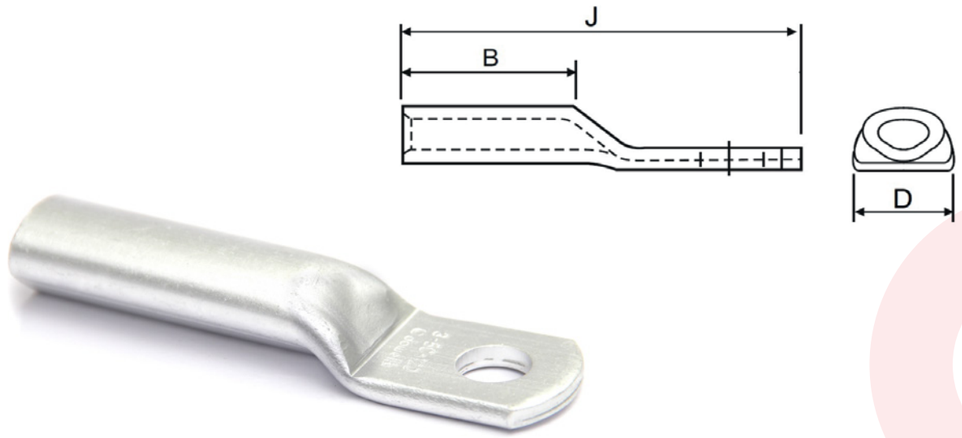
Aluminium Sector Shaped Lug – Short Barrel

dowell's | POLYCAB

Material : EC Grade Aluminium

Finish : Natural

Lugs are designed to fit 2 / 3 / 3.5 / 4 core sector shaped Aluminium cable
Reduction in contact resistance Increase in contact surface area



Product Code 2-Core Cable	Product Code 3-Core Cable	Product Code 3.5-Core Cable	Product Code 4-Core Cable	Conductor Size mm2	Dimensions				Crimping Tool & Dies for 2-Core Cable		Crimping Tool & Dies for 3, 3.5, 4-Core Cable	
					E	D	B	J	SYT 7	SYE 150B	SYT 7	SYE 150B
2S-ALS-218	3S-ALS-218	3.5S-ALS-218	4S-ALS-218	25	8.4	13.4	16	41	W-TSA1089	W-TSA1227	TD-SYT-7-025	W-TSA1201
2S-ALS-219	3S-ALS-219	3.5S-ALS-219	4S-ALS-219		10.5	20						
2S-ALS-220	3S-ALS-220	3.5S-ALS-220	4S-ALS-220		13	20						
2S-ALS-221	3S-ALS-221	3.5S-ALS-221	4S-ALS-221	35	8.4	16.3	18	48	W-TSA1090	W-TSA1228	TD-SYT-7-035	W-TSA1202
2S-ALS-222	3S-ALS-222	3.5S-ALS-222	4S-ALS-222		10.5	20						
2S-ALS-255	3S-ALS-255	3.5S-ALS-255	4S-ALS-255	50	8.4	17.8	22	52	W-TSA1091	W-TSA1229	TD-SYT-7-050	W-TSA1203
2S-ALS-312	3S-ALS-312	3.5S-ALS-312	4S-ALS-312		10.5	17.8						
2S-ALS-224	3S-ALS-224	3.5S-ALS-224	4S-ALS-224		13	20.1						
2S-ALS-256	3S-ALS-256	3.5S-ALS-256	4S-ALS-256	70	8.4	21.4	26	64	W-TSA1092	W-TSA1230	TD-SYT-7-070	W-TSA1204
2S-ALS-225	3S-ALS-225	3.5S-ALS-225	4S-ALS-225		10.5							
2S-ALS-226	3S-ALS-226	3.5S-ALS-226	4S-ALS-226		13							
2S-ALS-227	3S-ALS-227	3.5S-ALS-227	4S-ALS-227	95	10.5	25.12	28	67	W-TSA1093	W-TSA1231	TD-SYT-7-095	W-TSA1205
2S-ALS-228	3S-ALS-228	3.5S-ALS-228	4S-ALS-228		13							
2S-ALS-229	3S-ALS-229	3.5S-ALS-229	4S-ALS-229		17							
2S-ALS-257	3S-ALS-257	3.5S-ALS-257	4S-ALS-257	120	10.5	28	32	78	W-TSA1094	W-TSA1232	TD-SYT-7-120	W-TSA1206
2S-ALS-230	3S-ALS-230	3.5S-ALS-230	4S-ALS-230		13							
2S-ALS-231	3S-ALS-231	3.5S-ALS-231	4S-ALS-231		17							
2S-ALS-258	3S-ALS-258	3.5S-ALS-258	4S-ALS-258	150	10.5	32	34	82	W-TSA1095	W-TSA1233	TD-SYT-7-150	W-TSA1207
2S-ALS-232	3S-ALS-232	3.5S-ALS-232	4S-ALS-232		13							
2S-ALS-233	3S-ALS-233	3.5S-ALS-233	4S-ALS-233		17							
2S-ALS-311	3S-ALS-311	3.5S-ALS-311	4S-ALS-311	185	10.5	37	36	86	W-TSA1096	W-TSA1234	TD-SYT-7-185	W-TSA1208
2S-ALS-234	3S-ALS-234	3.5S-ALS-234	4S-ALS-234		13							
2S-ALS-235	3S-ALS-235	3.5S-ALS-235	4S-ALS-235		17							
2S-ALS-236	3S-ALS-236	3.5S-ALS-236	4S-ALS-236	240	13	38.1	44	104	W-TSA1097	W-TSA1235	TD-SYT-7-240	W-TSA1209
2S-ALS-237	3S-ALS-237	3.5S-ALS-237	4S-ALS-237		17							
2S-ALS-300	3S-ALS-300	3.5S-ALS-300	4S-ALS-300	300	17	46.2	47	107	W-TSA1098	W-TSA1236	TD-SYT-7-300	W-TSA1210
2S-ALS-259	3S-ALS-259	3.5S-ALS-259	4S-ALS-259		20.3							
2S-ALS-260	3S-ALS-260	3.5S-ALS-260	4S-ALS-260	400	20.3	51.3	56	119		W-TSA1237		W-TSA1211

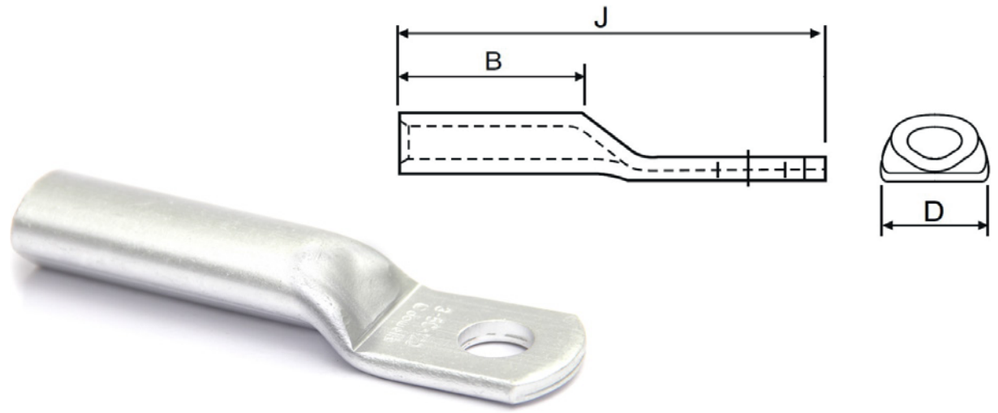
Aluminium Sector Shaped Lug – Long Barrel

dowell's | POLYCAB

Material : EC Grade Aluminium

Finish : Natural

Lugs are designed to fit 2 / 3 / 3.5 / 4 core sector shaped Aluminium cable
Reduction in contact resistance Increase in contact surface area
Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection



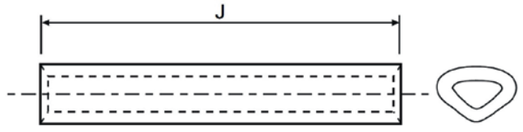
Product Code 2-Core Cable	Product Code 3-Core Cable	Product Code 3.5-Core Cable	Product Code 4-Core Cable	Conductor size mm2	Dimensions				Crimping Tool & Dies for 2-Core Cable		Crimping Tool & Dies for 3, 3.5, 4-Core Cable	
					E	D	B	J	SYT 7	SYE 150B	SYT 7	SYE 150B
2S-ALS-518	3S-ALS-518	3.5S-ALS-518	4S-ALS-518	25	8.4	13.4	32	57	W-TSA1089	W-TSA1227	TD-SYT-7-025	W-TSA1201
2S-ALS-519	3S-ALS-519	3.5S-ALS-519	4S-ALS-519		10.5	20						
2S-ALS-520	3S-ALS-520	3.5S-ALS-520	4S-ALS-520		13	20						
2S-ALS-521	3S-ALS-521	3.5S-ALS-521	4S-ALS-521	35	8.4	16.3	42	72	W-TSA1090	W-TSA1228	TD-SYT-7-035	W-TSA1202
2S-ALS-522	3S-ALS-522	3.5S-ALS-522	4S-ALS-522		10.5	20						
2S-ALS-655	3S-ALS-655	3.5S-ALS-655	4S-ALS-655	50	8.4	17.8	42	72	W-TSA1091	W-TSA1229	TD-SYT-7-050	W-TSA1203
2S-ALS-512	3S-ALS-512	3.5S-ALS-512	4S-ALS-512		10.5	17.8						
2S-ALS-524	3S-ALS-524	3.5S-ALS-524	4S-ALS-524		13	20.1						
2S-ALS-556	3S-ALS-556	3.5S-ALS-556	4S-ALS-556	70	8.4	21.4	52	90	W-TSA1092	W-TSA1230	TD-SYT-7-070	W-TSA1204
2S-ALS-525	3S-ALS-525	3.5S-ALS-525	4S-ALS-525		10.5							
2S-ALS-526	3S-ALS-526	3.5S-ALS-526	4S-ALS-526		13							
2S-ALS-527	3S-ALS-527	3.5S-ALS-527	4S-ALS-527	95	10.5	25.12	56	95	W-TSA1093	W-TSA1231	TD-SYT-7-095	W-TSA1205
2S-ALS-528	3S-ALS-528	3.5S-ALS-528	4S-ALS-528		13							
2S-ALS-529	3S-ALS-529	3.5S-ALS-529	4S-ALS-529		17							
2S-ALS-557	3S-ALS-557	3.5S-ALS-557	4S-ALS-557	120	10.5	28	56	102	W-TSA1094	W-TSA1232	TD-SYT-7-120	W-TSA1206
2S-ALS-530	3S-ALS-530	3.5S-ALS-530	4S-ALS-530		13							
2S-ALS-531	3S-ALS-531	3.5S-ALS-531	4S-ALS-531		17							
2S-ALS-658	3S-ALS-658	3.5S-ALS-658	4S-ALS-658	150	10.5	32	60	108	W-TSA1095	W-TSA1233	TD-SYT-7-150	W-TSA1207
2S-ALS-532	3S-ALS-532	3.5S-ALS-532	4S-ALS-532		13							
2S-ALS-533	3S-ALS-533	3.5S-ALS-533	4S-ALS-533		17							
2S-ALS-511	3S-ALS-511	3.5S-ALS-511	4S-ALS-511	185	10.5	37	60	110	W-TSA1096	W-TSA1234	TD-SYT-7-185	W-TSA1208
2S-ALS-534	3S-ALS-534	3.5S-ALS-534	4S-ALS-534		13							
2S-ALS-535	3S-ALS-535	3.5S-ALS-535	4S-ALS-535		17							
2S-ALS-536	3S-ALS-536	3.5S-ALS-536	4S-ALS-536	240	13	38.1	70	130	W-TSA1097	W-TSA1235	TD-SYT-7-240	W-TSA1209
2S-ALS-537	3S-ALS-537	3.5S-ALS-537	4S-ALS-537		17							
2S-ALS-500	3S-ALS-500	3.5S-ALS-500	4S-ALS-500	300	17	46.2	70	130	W-TSA1098	W-TSA1236	TD-SYT-7-300	W-TSA1210
2S-ALS-559	3S-ALS-559	3.5S-ALS-559	4S-ALS-559		20.3							
2S-ALS-560	3S-ALS-560	3.5S-ALS-560	4S-ALS-560	400	20.3	51.3	75	138		W-TSA1237		W-TSA1211

Copper Sector Shaped Connector

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Connectors are designed to fit 2 / 3 / 3.5 / 4 core sector shaped Copper cable
Reduction in contact resistance Increase in contact surface area.



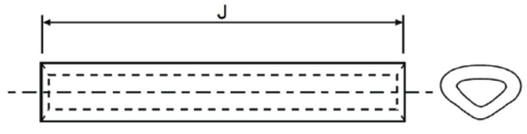
Product Code 2-Core Cable	Product Code 3-Core Cable	Product Code 3.5-Core Cable	Product Code 4-Core Cable	Conductor Size mm2	Dimensions	Crimping Tool & Dies for 2-Core Cable		Crimping Tool & Dies for 3, 3.5, 4-Core Cable	
					J	SYT 7	SYE 150B	SYT 7	SYE 150B
2S-CB-25	3S-CB-25	3.5S-CB-25	4S-CB-25	25	35	W-TSA1089	W-TSA1227	TD-SYT-7-025	W-TSA1201
2S-CB-35	3S-CB-35	3.5S-CB-35	4S-CB-35	35	40	W-TSA1090	W-TSA1228	TD-SYT-7-035	W-TSA1202
2S-CB-50	3S-CB-50	3.5S-CB-50	4S-CB-50	50	45	W-TSA1091	W-TSA1229	TD-SYT-7-050	W-TSA1203
2S-CB-70	3S-CB-70	3.5S-CB-70	4S-CB-70	70	55	W-TSA1092	W-TSA1230	TD-SYT-7-070	W-TSA1204
2S-CB-95	3S-CB-95	3.5S-CB-95	4S-CB-95	95	60	W-TSA1093	W-TSA1231	TD-SYT-7-095	W-TSA1205
2S-CB-120	3S-CB-120	3.5S-CB-120	4S-CB-120	120	65	W-TSA1094	W-TSA1232	TD-SYT-7-120	W-TSA1206
2S-CB-150	3S-CB-150	3.5S-CB-150	4S-CB-150	150	70	W-TSA1095	W-TSA1233	TD-SYT-7-150	W-TSA1207
2S-CB-185	3S-CB-185	3.5S-CB-185	4S-CB-185	185	75	W-TSA1096	W-TSA1234	TD-SYT-7-185	W-TSA1208
2S-CB-240	3S-CB-240	3.5S-CB-240	4S-CB-240	240	95	W-TSA1097	W-TSA1235	TD-SYT-7-240	W-TSA1209
2S-CB-300	3S-CB-300	3.5S-CB-300	4S-CB-300	300	100	W-TSA1098	W-TSA1236	TD-SYT-7-300	W-TSA1210
2S-CB-400	3S-CB-400	3.5S-CB-400	4S-CB-400	400	115		W-TSA1237		W-TSA1211

Aluminium Sector Shaped Connector

Material : EC Grade Aluminium

Finish : Natural

Connectors are designed to fit 2 / 3 / 3.5 / 4 core sector shaped Aluminium cable
Reduction in contact resistance Increase in contact surface area



Product Code 2-Core Cable	Product Code 3-Core Cable	Product Code 3.5-Core Cable	Product Code 4-Core Cable	Conductor Size mm2	Dimensions	Crimping Tool & Dies for 2-Core Cable		Crimping Tool & Dies for 3, 3.5, 4-Core Cable	
					J	SYT 7	SYE 150B	SYT 7	SYE 150B
2S-ALS-1	3S-ALS-1	3.5S-ALS-1	4S-ALS-1	25	35	W-TSA1089	W-TSA1227	TD-SYT-7-025	W-TSA1201
2S-ALS-2	3S-ALS-2	3.5S-ALS-2	4S-ALS-2	35	40	W-TSA1090	W-TSA1228	TD-SYT-7-035	W-TSA1202
2S-ALS-3	3S-ALS-3	3.5S-ALS-3	4S-ALS-3	50	45	W-TSA1091	W-TSA1229	TD-SYT-7-050	W-TSA1203
2S-ALS-4	3S-ALS-4	3.5S-ALS-4	4S-ALS-4	70	55	W-TSA1092	W-TSA1230	TD-SYT-7-070	W-TSA1204
2S-ALS-5	3S-ALS-5	3.5S-ALS-5	4S-ALS-5	95	60	W-TSA1093	W-TSA1231	TD-SYT-7-095	W-TSA1205
2S-ALS-6	3S-ALS-6	3.5S-ALS-6	4S-ALS-6	120	65	W-TSA1094	W-TSA1232	TD-SYT-7-120	W-TSA1206
2S-ALS-7	3S-ALS-7	3.5S-ALS-7	4S-ALS-7	150	70	W-TSA1095	W-TSA1233	TD-SYT-7-150	W-TSA1207
2S-ALS-8	3S-ALS-8	3.5S-ALS-8	4S-ALS-8	185	75	W-TSA1096	W-TSA1234	TD-SYT-7-185	W-TSA1208
2S-ALS-9	3S-ALS-9	3.5S-ALS-9	4S-ALS-9	240	95	W-TSA1097	W-TSA1235	TD-SYT-7-240	W-TSA1209
2S-ALS-10	3S-ALS-10	3.5S-ALS-10	4S-ALS-10	300	100	W-TSA1098	W-TSA1236	TD-SYT-7-300	W-TSA1210
2S-ALS-11	3S-ALS-11	3.5S-ALS-11	4S-ALS-11	400	115		W-TSA1237		W-TSA1211

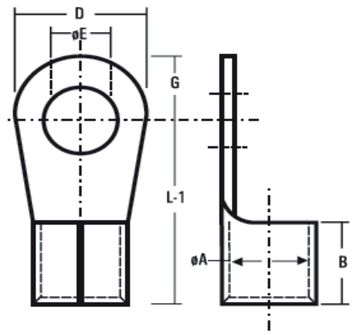
Copper Ring Terminals

dowell's | POLYCAB

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion



Product Code	Conductor	Stud Size	Dimensions					Recommended Tools & Dies			STD PKG
	mm2		A	D	B	G	L1		SYB 95	SYE 150A	SYT 185	
RS-7318	1	M3.5	1.2	8	5	4	12	SYA-427 SYT-17 SYT-2				
RS-7001		M3		6		3	11					
RS-7002		M3.5		6		3	11					
RS-7003		M4		6		3	11					
RS-7048		M3.5		6.8		3.4	9.6					
RS-7049		M4		6.8		3.4	9.6					
RS-7004	1.5	M4	1.6	8	5	4	12					
RS-7005		M5		8		4	12					
RS-7154		M4		7		3.5	11					
RS-7006		M5		10		5	13					
RS-7007		M6		10		5	13					
RS-7106		M6		12		6	12					
RS-7107		M3		6.5		3.2	9.5	SYA-427 SYT-17 SYT-2				
RS-7008		M3.5		6.5		3.2	9.5					
RS-7108		M3.5		8		4	12					
RS-7009		M4		8		4	12					
RS-7010		M5		8		4	12					
RS-7109	2.5	M5	2.3	10	5	5	13					
RS-7011		M6		10		5	13					
RS-7110		M5		12		6	16					
RS-7012		M6		12		6	16					
RS-7013		M8		12		6	16					
RS-7014		M8		16		8	17					
RS-7151		M10		18		9	20					
RS-7155		M4		8		4	13	SYA-427 SYT-17 SYT-2				
RS-7050		M5		8		4	13					
RS-7016		M5		10		5	14					
RS-7017		M6		12		6	14					
RS-7018		M8		12		6	14					
RS-7019	4 - 6	M6	3.5	12	6	6	16					
RS-7115		M6		14		7	18.5					
RS-7020		M8		14		7	18.5					
RS-7116		M8		16		8	22					
RS-7023		M10		18		9	21					
RS-7024		M12		18		9	21					

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Product Code	Conductor	Stud Size	Dimensions					Recommended Tools & Dies			STD PKG
	mm2		A	D	B	G	L1		SYB 95	SYE 150A	SYT 185	
RS-7025		M5		10		5	17					
RS-7026		M5		10		5	15					
RS-7120	10	M6	4.3	12	8	6	17	SYT-2	W-TSA1024			200
RS-7121		M8		16		8	19					
RS-7123		M10		22		11	23					
RS-7028		M12		22		11	23					
RS-7124		M5		10		5	19					
RS-7029		M6		12		6	20					
RS-7030	16	M8	5.6	16	10	8	22	SYT-2	W-TSA1025			200
RS-7128		M10		22		11	24					
RS-7033		M12		22		11	24					
RS-7156		M6		12		6	25					
RS-7034	25	M8	7.5	16	11	8	22		W-TSA1037			100
RS-7132		M10		22		11	31					
RS-7037		M12		22		11	31					
RS-7133		M6		16		8	23					
RS-7038	35	M8	9	16	12	8	23		W-TSA1028		W-TSA1147	100
RS-7135		M10		22		11	31					
RS-7040		M12		22		11	31					
RS-7136		M8		18		9	34					
RS-7137	50	M10	10.5	22	16	11	32		W-TSA1029		W-TSA1038	100
RS-7042		M12		24		12	36					
RS-7139		M16		32		16	38					
RS-7140		M10		22		11	36					
RS-7141	70	M12	12	24	18	12	36		W-TSA1030		W-TSA1039	50
RS-7142		M16		28		14	40					
RS-7144		M10		24		12	38					
RS-7044	95	M12	13.5	24	20	12	38		W-TSA1031		W-TSA1040	50
RS-7145		M16		28		14	44					
RS-7146		M12		26		13	39					
RS-7147	120	M16	15	32	22	16	48		W-TSA1032	W-TSA1125	W-TSA1041	30
RS-7148		M20		40		20	52					
RS-7149		M12		34		17	49					
RS-7045	150	M16	16.5	34	24	17	49			W-TSA1127		20
RS-7046		M20		40		20	54					

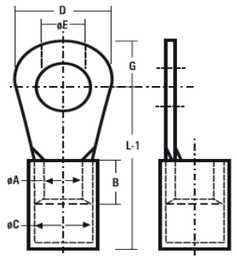
Copper Ring Terminals (Insulated)

dowell's | POLYCAB

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Provided with insulation support & flexibility



Product Code	Conductor Size	Stud Size	Dimensions						Recommended Tools
	mm2		A	D	B	G	C	L1	
RSI-7502	1	M3.5	1.2	8	5	4	2.8	17	
RSI-7054		M3		6		3		16	
RSI-7055		M3.5		6		3		16	
RSI-7056		M4		6		3		16	
RSI-7058		M3.5		6.8		3.4		14.6	
RSI-7059		M4		6.8		3.4		14.6	
RSI-7061	1.5	M4	1.6	8	5	4	3.2	17	SYG-2216
RSI-7062		M5		8		4		17	
RSI-7063		M4		7		3.5		16	
RSI-7065		M5		10		5		18	
RSI-7066		M6		10		5		18	
RSI-7067		M6		12		6		17	
RSI-7068		M3		6.5		3.2		14.5	
RSI-7069		M3.5		6.5		3.2		14.5	
RSI-7070		M3.5		8		4		17	
RSI-7071		M4		8		4		17	
RSI-7072		M5		8		4		17	
RSI-7073	2.5	M5	2.3	10	5	5	3.9	18	SYH-1614
RSI-7074		M6		10		5		18	
RSI-7075		M5		12		6		21	
RSI-7076		M6		12		6		21	
RSI-7077		M8		12		6		21	
RSI-7079		M8		16		8		22	
RSI-7081		M10		18		9		25	
RSI-7083		M4		8		4		21	
RSI-7084		M5		8		4		21	
RSI-7086		M5		10		5		22	
RSI-7089		M6		12		6		22	
RSI-7090		M8		12		6		22	
RSI-7092	4 - 6	M6	3.5	12	6	6	5.5	24	SYI-1210
RSI-7093		M6		14		7		26.5	
RSI-7094		M8		14		7		26.5	
RSI-7096		M8		16		8		30	
RSI-7099		M10		18		9		29	
RSI-7100		M12		18		9		29	

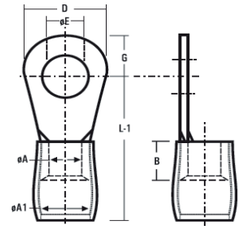
Copper Ring Terminals (Pre-Insulated)

dowell's | POLYCAB

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Provided with double grip for greater flexibility and insulation support



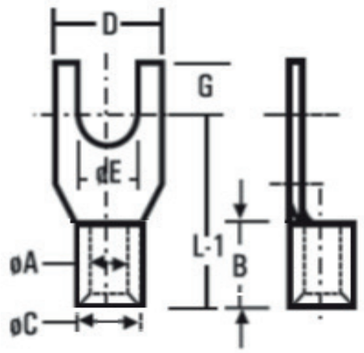
Product Code	Conductor Size	Stud Size	Dimensions						Recommended Tools & Dies
	mm2		A	D	B	G	A-1	L1	
PSD-7437		M3		6		3		16	
PSD-7438		M3.5		6		3		16	
PSD-7439		M4		6		3		16	
PSD-7441		M3.5		6.8		3.4		14.6	
PSD-7442		M4		6.8		3.4		14.6	
PSD-7444	1.5	M4	1.6	8	5	4	3.6	17	SYG-2216
PSD-7445		M5		8		4		17	
PSD-7446		M4		7		3.5		16	
PSD-7448		M5		10		5		18	
PSD-7449		M6		10		5		18	
PSD-7450		M6		12		6		17	
PSD-7451		M3		6.5		3.2		17.7	
PSD-7452		M3.5		6.5		3.2		17.7	
PSD-7453		M3.5		8		4		17	
PSD-7454		M4		8		4		17	
PSD-7455		M5		8		4		17	
PSD-7456	2.5	M5	2.3	10	5	5	4.4	18	SYH-1614
PSD-7457		M6		10		5		18	
PSD-7458		M5		12		6		21	
PSD-7459		M6		12		6		21	
PSD-7460		M8		12		6		21	
PSD-7462		M8		16		8		22	
PSD-7464		M10		18		9		25	
PSD-7466		M4		8		4		22	
PSD-7467		M5		8		4		22	
PSD-7469		M5		10		5		23	
PSD-7472		M6		12		6		23	
PSD-7473		M8		12		6		23	
PSD-7475	4 - 6	M6	3.5	12	6	6	6.4	25	SYI-1210
PSD-7476		M6		14		7		27.5	
PSD-7477		M8		14		7		27.5	
PSD-7479		M8		16		8		31	
PSD-7482		M10		18		9		30	
PSD-7483		M12		18		9		30	

Copper Fork Terminals

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Fork tongue design provides easy and fast installation



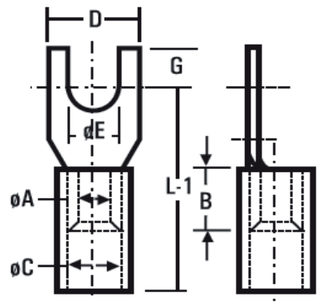
Product Code	Conductor Size	Stud Size	Dimensions					Recommended Tools
	mm2		A	D	B	G	L1	
RS-7249SPL	1	M3	1.2	6.6	5	3.4	11.1	SYT-17 SYA-427 SYT-2
RS-7249	1.5	M3.5	1.6	6.8	5	3.4	11.1	
RS-7251	2.5	M3.5	2.3	6.5	5	3.2	11.8	
RS-7252	4-6	M3	3.5	6	6	3.5	11.5	
RS-7253	4-6	M3.5	3.5	6	6	4	11	
RS-7280	2.5	M5	2.6	10.6	6.2	6.2	12.4	

Copper Fork Terminals (Insulated)

Material : EC Grade Copper

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Fork tongue design provides easy and fast installation
Provided with insulation support & flexibility



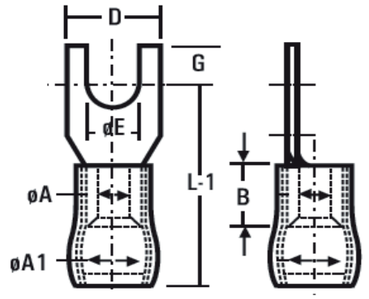
Product Code	Conductor Size	Stud Size	Dimensions						Recommended Tools
	mm2		A	D	B	G	C	L2	
RSI-7926SPL	1	M3	1.2	6.6	5	3.4	2.8	16.1	
RSI-7926	1.5	M3.5	1.6	6.8	5	3.4	3.2	16.1	SYG-2216 / SYT-1546
RSI-7928	2.5	M3.5	2.3	6.5	5	3.2	3.9	21.8	SYH-1614 / SYT-1546
RSI-7930	4-6	M3	3.5	6	6	3.5	5.5	27.5	
RSI-7931	4-6	M3.5	3.5	6	6	4	5.5	27	SYI-1210 / SYT-1546
RSI-7929	2.5	M5	2.6	10.6	6.2	6.2	4.6	20	

Copper Fork Terminals (Pre-Insulated)

Material : EC Grade Copper

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Fork tongue design provides easy and fast installation
Provided with double grip for greater flexibility and insulation support



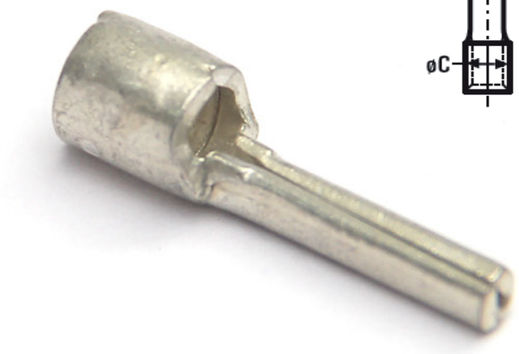
Product Code	Conductor Size	Stud Size	Dimensions						Recommended Tools
	mm2		A	D	B	G	A-1	L1	
PSD-7935	1.5	M3.5	1.6	6.8	5	3.4	3.6	16.1	SYG-2216 / SYT-1546
PSD-7937	2.5	M3.5	2.3	6.5	5	3.2	4.4	16.8	SYH-1614 / SYT-1546
PSD-7939	4-6	M3	3.5	6	6	3.5	6.4	20.5	
PSD-7940	4-6	M3.5	3.5	6	6	4	6.4	20	SYI-1210 / SYT-1546
PSD-7938	2.5	M5	2.6	10.6	6.2	6.2	4.4	16.2	

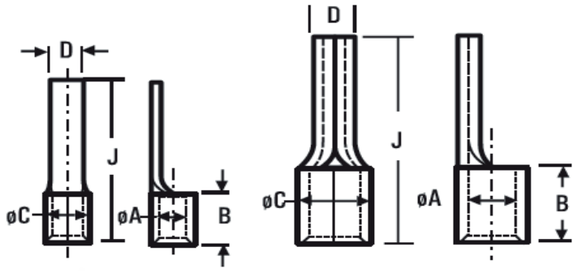
Copper Pin Terminals

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Pin type tongue design provides an easy and effective way for termination





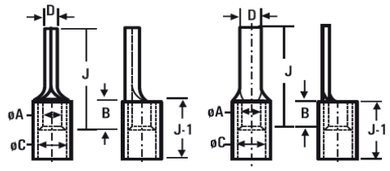
Product Code	Conductor	Dimensions					Recommended Tools & Dies
	mm2	A	C	D	B	J	
CP-44	1	1.2	2.8	1.4	5	17	
CP-9	1.5	1.6	3.2	1.9	5	17	
CP-35	1.5	1.6	3.2	3.1	5	17	SYT-17
CP-1	2.5	2.3	3.9	1.9	5	17	SYA-427
CP-2	2.5	2.3	3.9	3.1	5	17	SYT-2
CP-3	4	2.9	4.9	2.7	6	20	
CP-5	6	3.6	5.6	2.7	6	20	
CP-7	10	4.5	6.7	4.3	8	22	SYT-2
CP-8	16	5.8	8.2	5.5	10	26	
CP-86	25	7.5	11.1	7	11	32	SYB 95 - W-TSA1037
CP-87	35	9	12.6	7.5	12	37.8	SYB 95 - W-TSA1028
CP-88	50	10.5	14.1	9	16	42	SYB 95 - W-TSA1029
CP-89	70	12	16	9	18	47	SYB 95 - W-TSA1030
CP-90	95	13.5	18.1	9	20	52	SYB 95 - W-TSA1031

Copper Pin Terminals (Insulated)

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Pin type tongue design provides an easy and effective way for termination
Provided with insulation support & flexibility



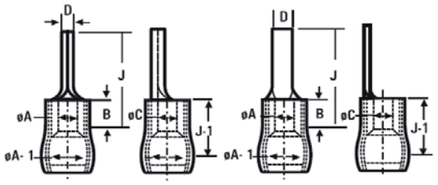
Product Code	Conductor	Dimensions						Recommended Tools & Dies
	mm2	A	C	D	B	J	J1	
CPI-45	1	1.2	2.8	1.4	5	17	10	
CPI-17	1.5	1.6	3.2	1.9	5	17	10	SYG-2216
CPI-40	1.5	1.6	3.2	3.1	5	17	10	
CPI-18	2.5	2.3	3.9	1.9	5	17	10	SYH-1614
CPI-19	2.5	2.3	3.9	3.1	5	17	10	
CPI-20	4	2.9	4.9	2.7	6	20	14	SYI-1210

Copper Pin Terminals (Pre-Insulated)

Material : EC Grade Copper (Cu ≥ 99.9%)

Finish : Electro Tinned

Provides an easy visual check of wire insertion
Pin type tongue design provides an easy and effective way for termination
Provided with double grip for greater flexibility and insulation support



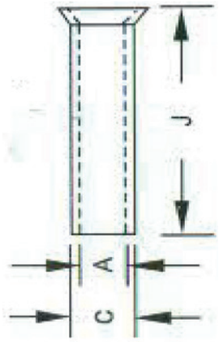
Product Code	Conductor	Dimensions							Recommended Tools & Dies
	mm2	A	C	D	B	A-1	J	J1	
CPD-26	1.5	1.6	3.2	1.9	5	3.6	17	10	SYG-2216
CPD-27	2.5	2.3	3.9	1.9	5	4.4	17	10	SYH-1614
CPD-28	2.5	2.3	3.9	3.1	5	4.4	17	10	
CPD-29	4	2.9	4.9	2.7	6	6.4	20	14	SYI-1210

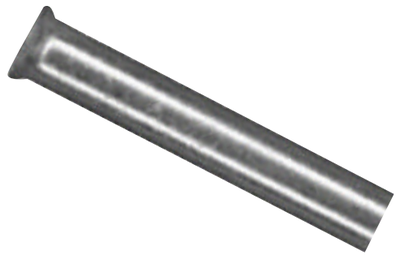
End Sealing Ferrules

Material : EC Grade Copper

Finish : Electro Tinned

Seamless barrels
Smooth funnel entry to make wire insertion easier





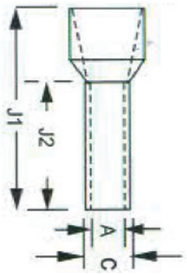
Product Code	Conductor	Dimensions			Recommended Tools
	mm2	A	C	J	
EH-508	0.5	1	1.4	6	
EH-509	0.75	1.4	1.8	6	
EH-510	1	1.6	2	6	
EH-511				10	
EH-512	1.5	1.8	2.2	7	
EH-513				10	
EH-514	2.5	2.3	2.7	7	SYT - 52M
EH-515				12	
EH-516	4	2.8	3.2	9	
EH-517				12	
EH-518				10	
EH-519	6	3.7	4.1	12	
EH-520				15	
EH-521				12	
EH-522	10	4.6	5	15	
EH-523				18	SYT - 53M
EH-524				12	
EH-525	16	5.9	6.3	15	
EH-526				18	

End Sealing Ferrules (Insulated)

Material : EC Grade Copper

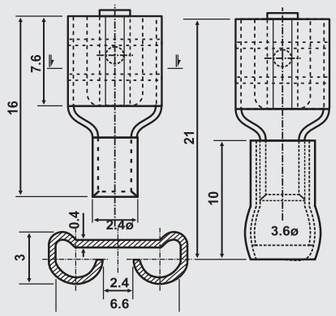
Finish : Electro Tinned

Seamless barrels
Smooth funnel entry to make wire insertion easier
Provided with insulation support & flexibility

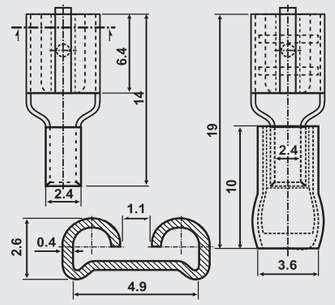


Product Code	Conductor	Dimensions				Recommended Tools
	mm2	A	C	J1	J2	
EHI-508	0.5	1	1.4	12	6	
EHI-509	0.75	1.4	1.8	12	6	
EHI-510	1	1.6	2	12	6	
EHI-511				16	10	
EHI-512	1.5	1.8	2.2	13	7	
EHI-513				16	10	
EHI-514	2.5	2.3	2.7	13	7	SYT - 52M
EHI-515				18	12	
EHI-516	4	2.8	3.2	16	9	
EHI-517				20	12	
EHI-518				18	10	
EHI-519	6	3.7	4.1	20	12	
EHI-520				21	15	
EHI-521				22	12	
EHI-522	10	4.6	5	24	15	
EHI-523				28	18	SYT - 53M
EHI-524				24	12	
EHI-525	16	5.9	6.3	25	15	
EHI-526				28	18	

Snap-On Terminals



Cat. No. 8351 Cat. No. 8352



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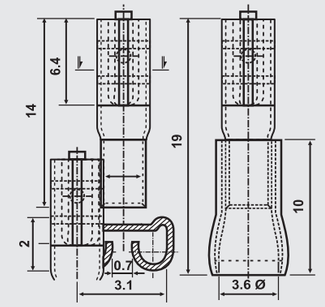

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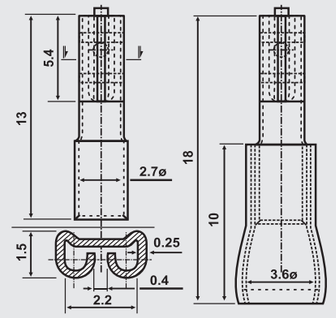

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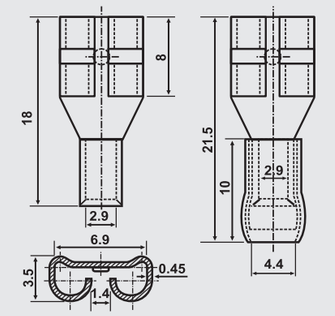

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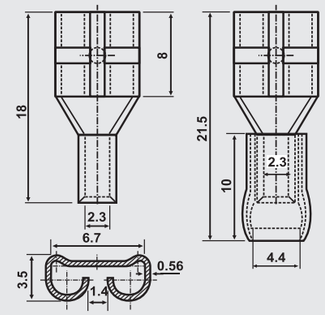

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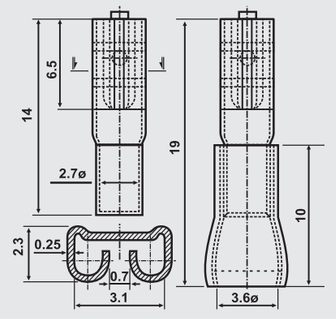

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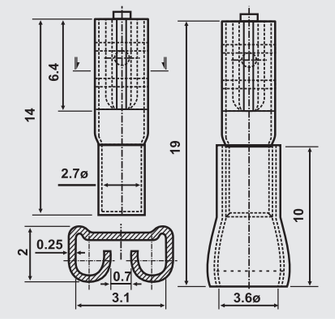

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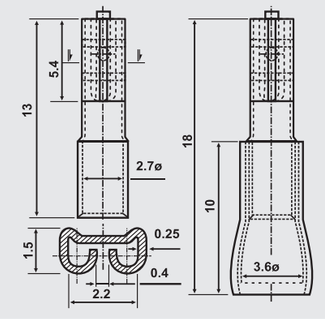

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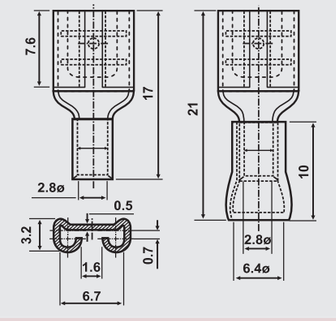

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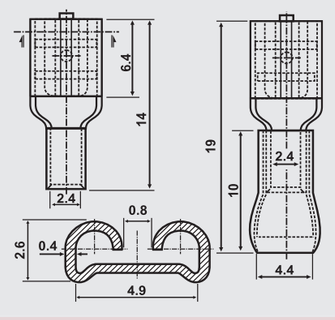

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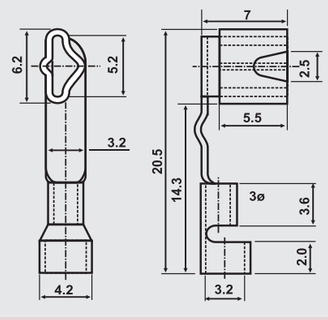

Cat. No. 8477

Material - Brass Tolerance=± 5%

We reserve the rights at any time to make any specification or dimensional changes deemed necessary to ensure advancement in the design or manufacture of any product

Snap-On Terminals

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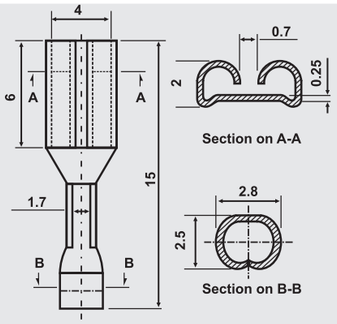

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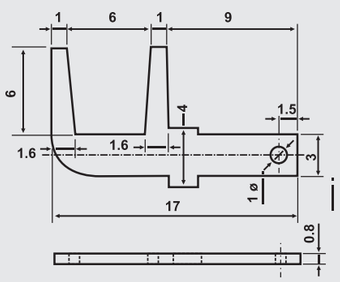

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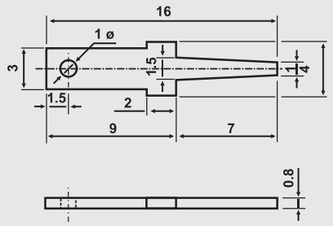

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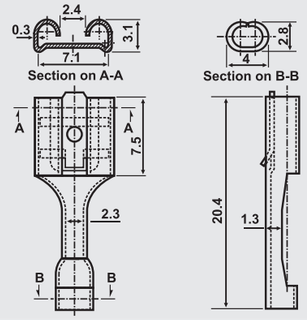

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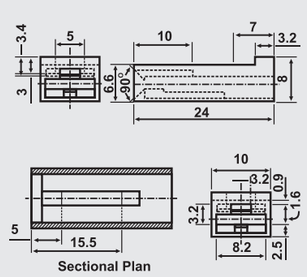

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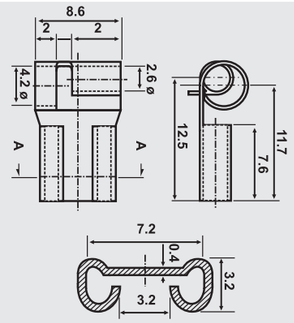

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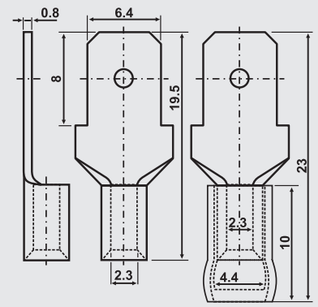

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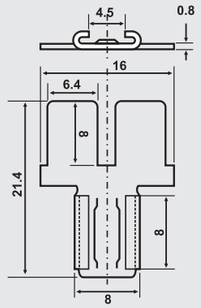

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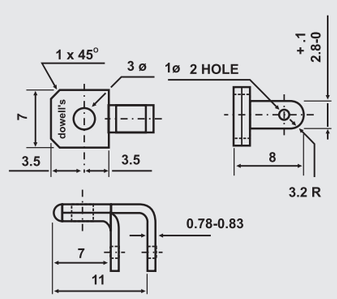

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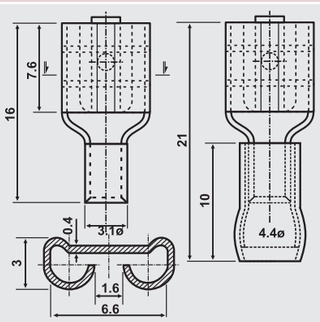

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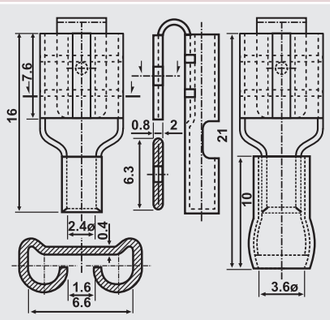
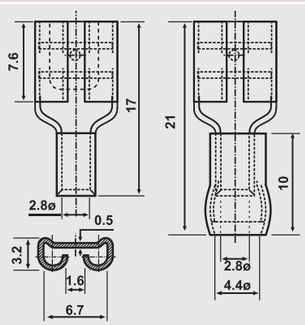


Cat. No. 8360 Cat. No. 8361



Cat. No. 8347 Cat. No. 8348

Material - Brass Tolerance=± 5%

We reserve the rights at any time to make any specification or dimensional changes deemed necessary to ensure advancement in the design or manufacture of any product

Dowell's Corrosion inhibiting compound GTZ-8785

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Recommended practice for resistance to corrosion

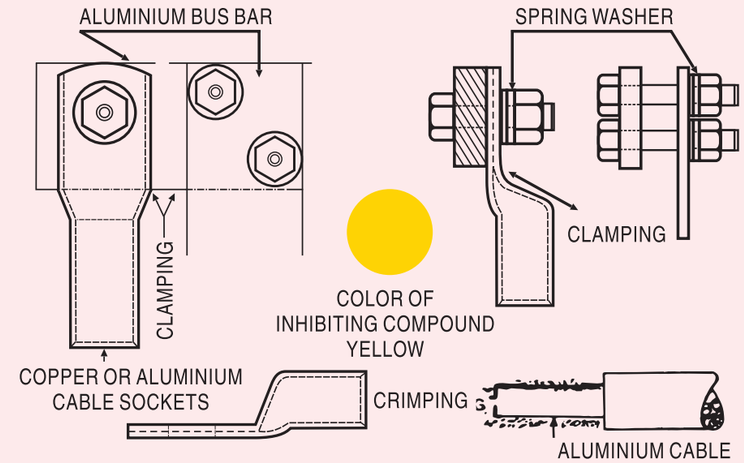
1. Whilst aluminium withstands weathering without protection during many years service the use of a corrosion inhibiting compound is recommended where conditions are particularly aggressive, such as chemical or salt-laden atmospheres, or where inspection and cleaning are likely to be irregular.

Such as inhibitor must:

a) Not affect electrical properties of the compression joint
b) Be non-corrosive to aluminium copper, steel, tin zinc and combinations of these:
c) Not deteriorate on exposure to atmosphere at conductor operating temperatures.
d) Have good sealing properties against moisture and contaminating substances in the atmosphere
e) Have a high temperature drop point.

2. The following compound is recommended for application over the prepared end of the conductor and inside the ferrule.

Demonstration for application of inhibiting compound to clamping & crimping connections



Dowell's corrosions inhibiting compound GTZ-8785

3. It is a useful procedure to fill the lug with compound. To prevent dirt getting into the corrosion-inhibiting compound and to give added protection to the joint.

We are marketing the above compound.

Packing

i) Collapsible Tubes wt. 50 gms.
ii) 15 tubes in a cartoon wt. 800 gms
iii) 60 collapsible tubes in one Jacket

We reserve the rights at any time to make any specification or dimensional changes deemed necessary to ensure advancement in the design or manufacture of any product

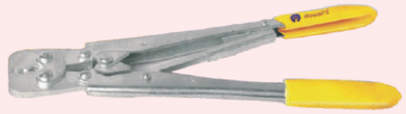
Smart Crimping System

dowell's | POLYCAB

SYT-17

Capacity : 1.5 mm² to 4-6mm²
Special Features: Non-Insulated terminations with inter locking arrangement and releasing system.

SYT-427



Capacity: 1.5mm² to 10mm²
Special Features: Non-insulated terminations with inter locking arrangement and releasing system

SYT-2

Capacity: 0.5mm² to 16mm²
Special Features: Non-insulated terminations with inter locking, arrangement and releasing system

SYT-185
(12 set of ring dies)

Capacity: 10mm2 to 185mm2
Special Features: Changeable ring types of dies from R1 to R13.

SYG -2622- 0.75mm2
SYG- 2216 – 1.5mm2
STG- 1614- 2.5 mm2
(Insulated / Pre-Insulated)

SYT- 400

Capacity: 25mm² to 400mm²
Special Features: Hand operated crimping system with hexagonal dies.

SYI- 1210/ SYO- 1210
(Insulated/ Pre-Insulated)

Capacity: 4mm² – 6mm²

SYT- 52M
(For end sealing ferrules)

Capacity: 0.5mm² to 6mm²
Special Features: Insulated terminations with inter locking arrangement and releasing system

SYB-95 (R-1 to R-10)
(R-8 Die is not available)
(9 Set Ring Dies)

Capacity: 10mm² to 95mm²

SYT-1546
(Insulated)

Capacity: 1.5mm² to 4-6mm²
Special Features: Insulated terminations with inter locking arrangement and releasing system

SYB- 9502 (R-1 to R-13)
(R-8 Die is not available)
(12 set ring dies)

Capacity : 10mm² to 185mm²

SYT-9
(Dieless)

Capacity: 6mm² to 50mm²
Special Features: Manual dieless (HEX-profile) rotating range for aluminium terminations

*In the view of Continuous Developments We Reserve the right to modify the design & Dimensions without Notice
*We Design Specific Crimping tools and Dies as per Job Specifications

Smart Crimping System

dowell's | POLYCAB

SYB-9502 H
(RH-1 to RH-13 Hex Dies)
(12 set ring dies)

Capacity: 10mm² to 185mm²

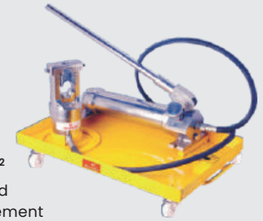
SYT-50
(Dieless)

Capacity: 16mm² to 50mm²
Special Features: Hand operated crimping tool

SYT-53
(End sealing terminal)

Capacity: 10mm² to 35mm²
Special Features: For End Sealing Ferrules insulated & Non-Insulated

SYD-20C



Capacity: 10mm² to 300mm²
Special Features: Hand Operated hydraulic tool with trolly arrangement

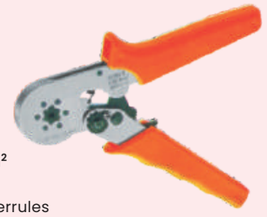
SYT-11
(Snap on terminal)

Capacity: 1.5mm² to 4.6mm²
Special Features: Self Locking & releasing Mechanism, Suitable for Non-Insulated Snap on Terminals

SYE-150A
(R11 to R18s)

Capacity: 10mm² to 1000mm²
Special Features: Hand operated hydraulic crimping system with 8 set of ring dies

SYT- 6-6
(Insulated / Pre-Insulated)



Capacity: 0.25mm² to 6mm²
Special Features: Self adjusting crimping tools for end sealing ferrules

SYE-150B
10 set of Hex Dies

Capacity: 10mm² to 1000mm²
Special Features: Hand operated crimping system with hexagonal dies.

SYT- 16-4
(End sealing ferrules)

Capacity: 6mm² to 16mm²
Special Features: Self adjusting crimping tools for end sealing ferrules

SYE-150C
(R11 to R16)

Capacity: 10mm² to 1000mm²
Special Features: Hand operated hydraulic changeable ring dies forming, W-type, D-type, P-type, H/RH- type dies also available extra

SYT-1547
(Insulated terminal)

Capacity: 1.5mm² to 4-6mm²
Special Features: Crimping machine for pre-insulated type terminals

SYT-102 R
(Foot operated)
(11 set of Hex Dies)

Capacity: 50mm² to 1630mm²
Special Features: Easy carry light weight crimping modified head with foot operated hydraulic pump, flip head (Hexagonal Dies)

*In the view of Continuous Developments We Reserve the right to modify the design & Dimensions without Notice
*We Design Specific Crimping tools and Dies as per Job Specifications

Smart Crimping System

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SYT-113

Capacity: 25mm² to 240mm²
Special Features: Flip type head

SYD-20A
(R 11 to R 16)

Capacity: 10mm² to 300mm²
Special Features: Hand operated hydraulic changeable ring dies forming dies, D-type, T-type, H/RH type dies also available extra

SYT-7

Capacity: 25mm² to 400mm²
Special Features: Gearpowered Changeable Regular Hex dies with interlocking releasing system

SYD-20 B
(8 Set of Hex Dies)

Capacity: 50mm² to 400mm²
Special Features: Hand operated hydraulic changeable, changeable hexagonal dies

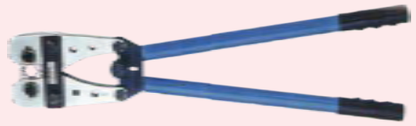
SYM-300

Capacity: 16mm² to 300mm²
Special Features: Mechanical crimping tool for tubular cable lug & connector crimping hexagonal crimping with telescopical handle.

SYT-104
(with hexagonal dies)

Capacity: 50mm² to 400mm²
Special Features: Flip type head

SYHX-150
(Dieless)



Capacity: 10mm² to 150mm²
Hand Crimping tool

SYO- 510H

Capacity: 50mm² to 400mm²
Special Features: Hydraulic crimping head, ram stroke 38mm with hexagonal die set.

SYB-120
(Dieless)

Capacity: 5=10mm² to 120mm²
Special Features: For non-insulated Terminal from 10-120 mm2 with moveable and revolving die Non-Insulated Ring Terminal Range- 10-120 Coper Tube Terminal Range 10-120 mm2

SPO-400H

Capacity: 50mm² to 400mm²
Special Features: Hydraulic Crimping Head Flip type head

SYHX-120

Capacity: 10mm² to 120mm²
Special Features: Rotating Dies

SYT-110
(Dieless)

Capacity: 16mm² – 400mm²
Special Features: Flip Type/ Portable / Hand Operated Hydraulic Crimping Tools Slim Design, Light Weight, Faster Lighter Tools

*In the view of Continuous Developments We Reserve the right to modify the design & Dimensions without Notice
*We Design Specific Crimping tools and Dies as per Job Specifications

Smart Crimping System

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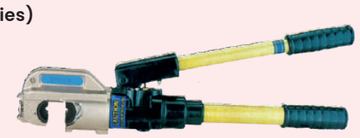
SYT-107 / SYT-108
(with hexagonal dies)

Capacity: (10 to 120mm²) (16 to 300mm²)
Special Features: New versatile head, light weight faster perfect crimping

CTE- 25 AS

Capacity: Max pressure 700 kg. / cm²
Special Features: Electrically Operated
Pump Voltage 220 & 50/ Hz storage oil 4ltr. Wt. 15.2 kg.

SYT-109
(with hexagonal dies)



Capacity : 50mm² to 400mm²
Special Features: Hand operated hydraulic crimping tool

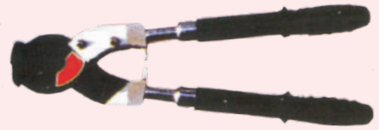
SYT- 120 – (Cutter)
SYT- 240 – (Cutter)
SYT- 500 –(Cutter)

Capacity: 120mm² to 240mm² to 500mm²
Special Features: Mechanical cable cutter for cutting copper & aluminium cable

SYT-106
(with hexagonal dies)

Capacity: 16mm² to 300mm²
Special Features: Hand operated hydraulic crimping tool

SYXL-240



Capacity: Up to 240mm²
Special Features: Mechanical cable cutter for XLPE Cables

Bell-Mouth Lug

- These lugs have flared opning which ensures easy insertion of flexible cables
- Made from EC Grade Copper with Tin Plating
- Available with / without inspection hole
- All copper lugs cab be available with with Bell-mouth opening.

Narrow Palm Lug

- Also known as Circuit Breaker Lugs
- Made from EC Grade copper with Tin Plating
- Specially designed for terminating cables in limited space applications like circuit breakers.

2 Hole Lug

- These lugs come with 2 number of stud holes
- Available in Copper as well as in Aluminium

4 Hole Lug

- These lugs come with 4 number of stud holes
- Generally use in tansformes
- Made from EC Grade copper with Tin Plating

Colour Coded Lugs & Connectors

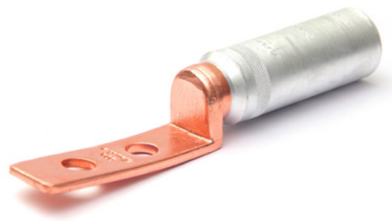
- Colour coded lugs are use for easy identification.
- All copper and aluminium lugs as well as connectors can be available with colour code.

Bend Lug

- These lugs are designed for angled surfaces.
- All copper lugs can be available with bend angle 45° and 90°
- Made from EC Grade copper with Tin Plating

2 Hole Bi-Metallic Lug

- Lugs with copper palm & aluminium barrel come with 2 number of stud holes
- Joints made by friction welding process



AWG VS METRIC WIRE SIZES

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Circ. Mils	Equivalent Circ. Mils	AWG Size	Metric Wire Size (mm)	Number of Strands	Approx. Overall Diameter	
					inches	mm
-	937	-	0.50	1	0.032	0.81
1020	-	20	-	7	0.036	0.91
-	1480	-	0.75	1	0.039	0.99
1620	-	18	-	1	0.040	1.02
1620	-	18	-	7	0.046	1.16
-	1974	-	1.0	1	0.045	1.14
-	1974	-	1.0	7	0.061	1.30
2580	-	16	-	1	0.051	1.29
2580	-	16	-	7	0.058	1.46
-	2960	-	1.5	1	0.055	1.40
-	2960	-	1.5	7	0.063	1.60
4110	-	14	-	1	0.064	1.63
4110	-	14	-	7	0.073	1.84
-	4934	-	2.5	1	0.071	1.80
-	4934	-	2.5	7	0.081	2.06
6530	-	12	-	1	0.081	2.05
6530	-	12	-	7	0.092	2.32
-	7894	-	4	1	0.089	2.26
-	7894	-	4	7	0.102	2.59
10380	-	10	-	1	0.102	2.59
10380	-	10	-	7	0.116	2.93
-	11840	-	6	1	0.109	2.77
-	11840	-	6	7	0.126	3.21
13000	-	9	-	1	0.114	2.91
13090	-	9	-	7	0.130	3.30
16510	-	8	-	1	0.128	3.25
16510	-	8	-	7	0.146	3.70
-	19740	-	10	1	0.141	3.58
-	19740	-	10	7	0.162	4.12
20520	-	7	-	1	0.144	3.67
20520	-	7	-	7	0.164	4.15
26240	-	6	-	1	0.162	4.11
26240	-	6	-	7	0.184	4.66
-	31580	-	16	7	0.204	5.13
33090	-	5	-	7	0.206	5.24
41740	-	4	-	7	0.232	5.88
-	49340	-	25	7	0.255	6.48
-	49340	-	25	19	0.260	6.60
52620	-	3	-	7	0.260	6.61
66300	-	2	-	7	0.292	7.42
-	69070	-	35	7	0.300	7.62
-	69070	-	35	19	0.305	7.75

AWG VS METRIC WIRE SIZES

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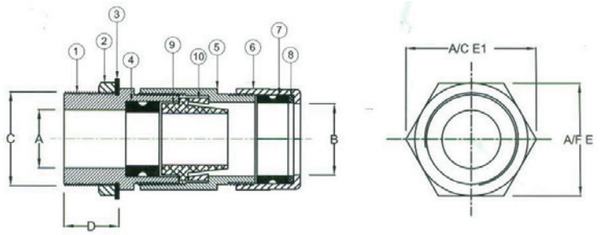
Circ. Mils	Equivalent Circ. Mils	AWG Size	Metric Wire Size (mm)	Number of Strands	Approx. Overall Diameter	
					inches	mm
83690	-	1	-	19	0.332	8.43
-	98680	-	50	19	0.365	9.27
105000	-	1/0	-	19	0.373	9.46
133100	-	2/0	-	19	0.419	10.6
-	138100	-	70	19	0.430	10.9
167800	-	3/0	-	19	0.470	11.9
167800	-	3/0	-	36	0.471	12.0
-	187500	-	95	19	0.505	12.8
-	187500	-	95	37	0.504	12.5
211600	-	4/0	-	19	0.528	13.4
-	237.8kcmil	-	120	37	0.567	14.4
250kcmil	-	-	-	37	0.575	14.6
300kcmil	-	-	150	37	0.630	16.0
350kcmil	-	-	-	37	0.681	17.3
-	365.1kcmil	-	185	37	0.700	17.8
400kcmil	-	-	-	37	0.728	18.5
-	473.6kcmil	-	240	37	0.798	20.3
-	473.6kcmil	-	240	61	0.801	20.3
500kcmil	-	-	-	37	0.813	20.7
500kcmil	-	-	-	61	0.814	20.7
-	592.1kcmil	-	300	61	0.891	22.6
600kcmil	-	-	-	61	0.893	22.7
700kcmil	-	-	-	61	0.964	24.5
750kcmil	-	-	-	6	0.998	25.4
750kcmil	-	-	-	91	0.998	25.4
-	789.4kcmil	-	400	61	1.026	26.1
800kcmil	-	-	-	61	1.031	26.2
800kcmil	-	-	-	91	1.032	26.2
1000kcmil	986.8kcmil	-	500	61	1.152	28.3
1000kcmil	-	-	-	91	1.153	29.3
-	1233.7kcmil	-	625	91	1.287	32.7
1250kcmil	-	-	-	91	1.289	32.7
1250kcmil	-	-	-	127	1.200	32.8
1500kcmil	-	-	-	91	1.412	36.9
1500kcmil	-	-	-	127	1.413	36.9
-	1578.8kcmil	-	800	91	1.452	36.9
-	1973.5kcmil	-	1000	91	1.617	41.1
2000kcmil	-	-	-	127	1.632	41.5
2000kcmil	-	-	-	169	1.632	41.5

Double Compression Brass Cable Gland (For Armoured Cable)

Material : Brass
Finish : Bright Nickel Plated

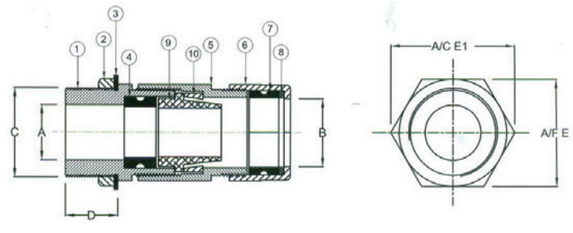


Sr.No.	Particulars	Matrial
1	Nipple	Brass
2	Lock Nut	Brass
3	Gasket	Neoprene / Nitrile
4	Inner Seal	Neoprene / Nitrile
5	Gland Body	Brass
6	Compression Nut	Brass
7	Outer Seal	Neoprene / Nitrile
8	Skid Washer	Nylon
9	Armour Clamping Cone	Brass
10	Armour Ring	Brass

Product Code		Suitable for Cable Diameter	D (mm)		Dimensions				
DBW Series	DBF Series		For DBW	For DBF	A	B	C	E	E1
DBW - 01SS	DBF - 01SS	6.0 - 12.0	13	25	12.5	13	3/4"	21	24
DBW - 01S	DBF - 01S	12.0 - 16.5	15	25	14.5	18	3/4"	25	29
DBW - 01	DBF - 01	16.5 - 18.5	15	25	14.5	19	3/4"	27.5	31.5
DBW - 01A	DBF - 01A	16.5 - 18.5	15	25	14.5	19	1"	27.5	31.5
DBW - 02	DBF - 02	18.5 - 20.0	15	25	18	21	1"	30	34.5
DBW - 02A	DBF - 02A	18.5 - 20.0	15	25	14.5	21	3/4"	30	34.5
DBW - 03	DBF - 03	20.0 - 23.0	15	25	19	23.5	1"	31.5	36
DBW - 04	DBF - 04	23.0 - 26.0	15	25	20.5	27	1"	36	41.5
DBW - 04A	DBF - 04A	23.0 - 26.0	15	25	22	27	1.1/4"	36	41.5
DBW - 05	DBF - 05	26.0 - 30.0	15	25	25.5	31	1.1/4"	41	47
DBW - 05A	DBF - 05A	26.0 - 30.0	15	25	27	31	1.1/2"	41	47
DBW - 06	DBF - 06	30.0 - 33.0	15	25	31	34.5	1.1/2"	47	54
DBW - 06A	DBF - 06A	30.0 - 33.0	15	25	27	34.5	1.1/4"	47	54
DBW - 07	DBF - 07	33.0 - 37.0	15	25	32	38	1.1/2"	50	57
DBW - 08	DBF - 08	37.0 - 41.0	15	25	38.5	42.5	2"	56	64
DBW - 09	DBF - 09	41.0 - 46.0	15	25	40	47	2"	59	67
DBW - 010	DBF - 010	46.0 - 52.0	20	25	44	53	2"	67	77
DBW - 010A	DBF - 010A	46.0 - 52.0	20	25	48	53	2.1/2"	67	77
DBW - 011A	DBF - 011A	52.0 - 54.0	20	25	51	57	2.1/2"	72	83
DBW - 011	DBF - 011	54.0 - 61.0	20	25	56.5	62	2.1/2"	80	92
DBW - 012	DBF - 012	61.0 - 66.0	20	25	64	68	3"	85	98
DBW - 013A	DBF - 013A	66.0 - 72.0	20	25	67	73	3"	89	103
DBW - 013	DBF - 013	72.0 - 78.0	20	25	74	80	3.1/4"	99	113
DBW - 014	DBF - 014	78.0 - 84.0	20	25	78	85	3.1/2"	105	121
DBW - 015	DBF - 015	84.0 - 94.0	20	25	90.5	97	4"	114	132
DBW - 016	DBF - 016	94.0 - 104.0	20	25	101	106	4.1/2"	130	149

DC Type Medium Duty Brass Cable Glands (For Armoured Cable)

Material : Brass
Finish : Bright Nickel Plated



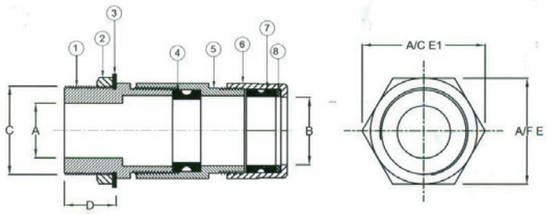
Sr.No.	Particulars	Matrial
1	Nipple	Brass
2	Lock Nut	Brass
3	Gasket	Neoprene / Nitrile
4	Inner Seal	Neoprene / Nitrile
5	Gland Body	Brass
6	Compression Nut	Brass
7	Outer Seal	Neoprene / Nitrile
8	Skid Washer	Nylon
9	Armour Clamping Cone	Brass
10	Armour Ring	Brass

Product Code	Suitable for Cable Diameter	Dimensions					
		A	B	C	D	E	E1
DGP10036	7.0 - 14.0	11.5	14.5	5/8"	25	20.5	23.5
DGP10037	14.1 - 15.5	12	16	5/8"	25	22	25.4
DGP10038	15.6 - 17.0	14.5	17.5	3/4"	25	24	27.7
DGP10039	17.1 - 18.5	14.5	19	3/4"	25	26	30
DGP10040	18.6 - 19.5	14.5	20	3/4"	25	26.5	30.6
DGP10041	19.6 - 22.5	20.5	23	1"	25	30.5	35.2
DGP10042	22.6 - 25.5	22.5	26	1.1/8"	25	34	39.2
DGP10043	25.6 - 31.5	25.5	32	1.1/4"	25	40	46.2
DGP10044	31.6 - 34.5	30	35	1.1/2"	25	42	48.5
DGP10045	34.6 - 36.5	32.5	37	1.1/2"	25	47	54.3
DGP10046	36.6 - 44.5	43	45	2"	25	56	64.5
DGP10047	44.5 - 49.5	43	50	2"	25	59	68.2
DGP10048	49.6 - 54.5	50.5	55	2.1/4"	25	65	75
DGP10049	54.6 - 63.5	57.5	64	2.1/2"	25	77	89
DGP10050	63.6 - 69.5	63	70	2.3/4"	25	81	93.5
DGP10051	69.6 - 74.5	69	75	3"	25	86	99.5
DGP10052	74.6 - 81.0	75	81.5	3.1/4"	25	91	104
DGP10053	81.1 - 86.0	81.5	86.5	3.1/2"	25	103	119
DGP10054	86.1 - 95.5	92	100	4"	25	116.5	132

Double Compression Brass Cable Gland (For Un-Armoured Cable)

dowell's | POLYCAB

Material : Brass
Finish : Bright Nickel Plated



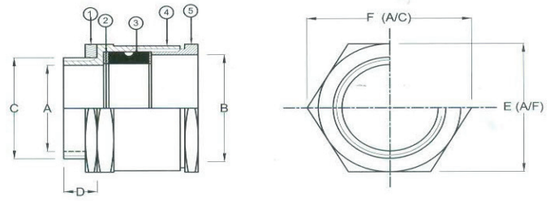
Sr.No.	Particulars	Matrial
1	Nipple	Brass
2	Lock Nut	Brass
3	Gasket	Neoprene / Nitrile
4	Inner Seal	Neoprene / Nitrile
5	Gland Body	Brass
6	Compression Nut	Brass
7	Outer Seal	Neoprene / Nitrile
8	Skid Washer	Nylon

Product Code	Suitable for Cable Diameter	Dimensions					
		A	B	C	D	E	E1
DBW - 01SS (UN)	6.0 - 12.5	13	13	3/4"	15	21.5	24.5
DBW - 01S (UN)	12.5 - 14.0	14.5	14.5	3/4"	15	25	28.7
DBW - 01A (UN)	14.1 - 17.0	18	18	1"	15	27.4	31.4
DBW - 02 (UN)	17.1 - 19.0	20	20	1"	15	30	35
DBW - 03 SP (UN)	19.1 - 22.0	23	23	28mm	15	31	36
DBW - 04A (UN)	22.1 - 25.0	26	26	1.1/4"	15	37	43
DBW - 05A (UN)	25.1 - 29.0	30	30	1.1/2"	15	41	47
DBW - 06 SP (UN)	29.1 - 32.0	33	33	40mm	15	46	53
DBW - 07 SP (UN)	32.1 - 35.0	36	36	42mm	15	50	57
DBW - 08 (UN)	35.1 - 40.0	41	41	2"	15	56	64
DBW - 09 (UN)	40.1 - 43.0	44	44	2"	15	58	66
DBW - 010A (UN)	43.1 - 51.0	52	52	2.1/2"	20	65	75
DBW - 011 SP (UN)	51.1 - 59.0	60	60	70mm	20	79	90
DBW - 012 (UN)	59.1 - 65.0	66	66	3"	20	84.5	96
DBW - 013 (UN)	65.1 - 71.0	72	72	3.1/4"	20	89	102
DBW - 014 (UN)	71.1 - 79.0	80	80	3.1/2"	20	104	121
DBW - 015 (UN)	79.1 - 89.0	90	90	4"	20	115	135

Single Compression Brass Cable Gland (For Un-Armoured Cable)

dowell's | POLYCAB

Material : Brass
Finish : Bright Nickel Plated

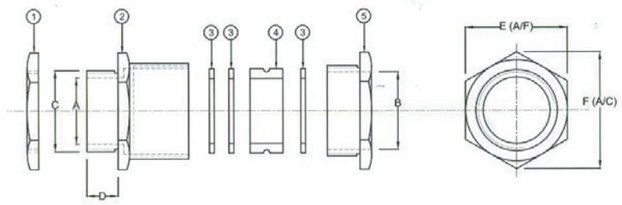


Sr.No.	Particulars	Matrial
1	Lock Nut	Brass
2	Metal Washer	MS
3	Sealing Ring	Neoprene / Nitrile
4	Gland Body	Neoprene / Nitrile
5	Compression Nut	Brass

Product Code	Suitable for Cable Diameter	Dimensions					
		A	B	C	D	E	F
DGP10001	6.0 - 12.5	11.5	12.5	15.5	7.5	18	20.5
DGP10002	12.6 - 14.0	12	15	15.5	8.5	22	25
DGP10003	14.1 - 15.5	14.5	16.5	18.5	8	21	24
DGP10004	15.6 - 16.5	14.5	17.5	19	8.5	23	26
DGP10005	16.5 - 19.0	14.5	20	18.5	8.5	25	29
DGP10006	19.1 - 22.0	20.5	23	25	9	29	33
DGP10007	22.1 - 27.0	24	28	28.5	10.5	35	40
DGP10008	27.1 - 31.0	27	32	31.5	11	40	46
DGP10009	31.1 - 34.5	29.5	35.5	34.5	11	44	50
DGP10010	34.6 - 38.5	33	39.5	38	11.5	47	54
DGP10011	38.5 - 43.5	40	44.5	44	11.5	54	62
DGP10012	43.6 - 50.5	45	51.5	50	13	60	69
DGP10013	50.6 - 57.0	51.5	58	56.5	13	68	78
DGP10014	57.1 - 61.5	57.5	62.5	63	14	72	82
DGP10015	61.6 - 68.0	63.5	69	69	15	80	90
DGP10016	68.1 - 74.0	68	75	75	16	87	99
DGP10017	74.1 - 80.5	75	81.5	82	16	92	105
DGP10018	80.6 - 87.0	81.5	86.5	88	16	102	115
DGP10019	87.1 - 100	92	101	100	17	110	125
DGP10020	100.1 - 108	107	109	105	20	129.5	148

Single Compression Brass Cable Gland Heavy Duty (SIBG Type)

Material : Brass
Finish : Bright Nickel Plated



Sr.No.	Particulars	Matrial
1	Lock Nut	Brass
2	Metal Washer	MS
3	Sealing Ring	Neoprene / Nitrile
4	Gland Body	Neoprene / Nitrile
5	Compression Nut	Brass

Product Code	Suitable for Cable Diameter	Dimensions					
		A	B	C	D	E	F
1616	9.0 - 12.0	12	16	16	9	22	25.5
1616A	12.0 - 15.5	12	18.5	16	9	25.5	29
1919	12.0 - 15.5	15	18.5	20	9	25.5	29
2119	18.0 - 20.0	15	24	20	9.5	30	34.5
2125	18.0 - 20.0	20.5	24	25	9.5	31.5	36
2925	21.0 - 25.0	20.5	28.5	25	10	35.5	40
2932	25.5 - 29.0	27	33	32	12	40	46
2938	29.0 - 33.0	34	37	40	12	46	53
3638	33.0 - 37.0	34	41	40	12	51.5	57.5
4251	38.0 - 42.0	44	47	50	13	58	67
5451	43.0 - 50.0	44	52	50	13	65	75
5463	48.0 - 54.0	55	61.5	63	14	73	84
6063	55.0 - 60.0	55	65	63	14	77	89
6675	61.0 - 66.0	68	71	75	15	85	98
7882	67.0 - 72.0	67	76	75	15	90	104
7882A	73.0 - 78.0	73	82	82	17	97	112

Flange Type Cable Gland

Material : Brass
Finish : Natural

Product Code	Suitable for Cable Diameter
DGP10021	12.0 - 16.0
DGP10022	16.1 - 18.0
DGP10023	18.1 - 21.0
DGP10024	21.1 - 25.0
DGP10025	25.1 - 29.0
DGP10026	29.1 - 33.0
DGP10027	33.1 - 35.0
DGP10028	35.1 - 38.0
DGP10029	38.1 - 41.0
DGP10030	41.1 - 45.0
DGP10031	45.1 - 52.0
DGP10032	52.1 - 59.0
DGP10033	59.1 - 67.0
DGP10034	67.1 - 76.0
DGP10035	76.1 - 84.0

PG Type Brass Cable Gland

Material : Brass
Finish : Bright Nickel Plated

Product Code	Suitable for Cable Diameter
MPG-7	2.0 - 5.0
MPG-9	3.0 - 8.0
MPG-11	4.0 - 10.0
MPG-13.5	5.0 - 12.0
MPG-16	8.0 - 14.0
MPG-21	12.0 - 17.0
MPG-29	16.0 - 25.0
MPG-36	20.0 - 32.0
MPG-42	28.0 - 37.0
MPG-48	32.0 - 42.0

PG Type Polymeric Cable Gland

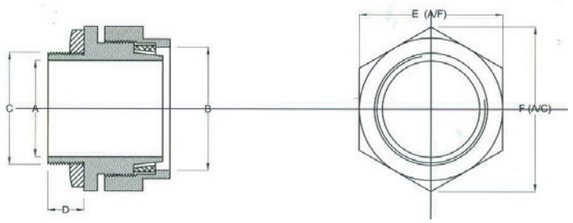
Material : Polyamide

Product Code	Suitable for Cable Diameter
PG-7	2.0 - 5.0
PG-9	3.0 - 8.0
PG-11	4.0 - 10.0
PG-13.5	5.0 - 12.0
PG-16	8.0 - 14.0
PG-21	12.0 - 17.0
PG-29	16.0 - 25.0
PG-36	20.0 - 32.0
PG-42	28.0 - 37.0
PG-48	32.0 - 42.0

BW Type Brass Cable Gland (For Armoured Cable)

dowell's | POLYCAB

Material : Brass
Finish : Bright Nickel Plated

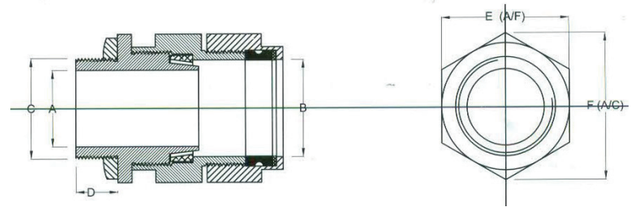


Product Code	Dimensions					
	A (Max)	B (Max)	C	D	E	F
DBW - 16	8.6	13.5	16	10	20	23
DBW - 20S	12.3	17	20	10	22	24
DBW - 20	14.3	20	20	10	25	27
DBW - 25S	18	23.8	25	10	30	32.5
DBW - 25	20.4	27	25	10	34	38
DBW - 32	26.5	33	32	10	41	45.5
DBW - 40S	31	37	40	10	45	50
DBW - 40	32.5	41	40	15	49	54
DBW - 50S	37.8	48	50	15	58	65
DBW - 50	44	53	50	15	62.3	69.5
DBW - 63S	50.5	60.5	63	15	70	77
DBW - 63	56.5	65.5	63	15	76	85
DBW - 75S	62.5	72	75	15	84	93
DBW - 75	67.5	78.5	75	15	90	100
DBW - 90	80	93	90	20	112	125

CW Type Brass Cable Gland (For Armoured Cable)

dowell's | POLYCAB

Material : Brass
Finish : Bright Nickel Plated



Product Code	Dimensions					
	A (Max)	B (Max)	C	D	E	F
DCW - 16	8.6	13.5	16	10	20	23
DCW - 20S	12	15	20	10	22	24
DCW - 20	14	20	20	10	26	29
DCW - 25S	17.8	23.8	25	10	31	34
DCW - 25	20.4	27	25	10	34.3	38.5
DCW - 32	26.5	33	32	10	41.5	46.5
DCW - 40S	31	37	40	10	45	50
DCW - 40	32.5	40	40	15	49	54
DCW - 50S	37.8	45	50	15	57	64
DCW - 50	44	51.5	50	15	62.3	69.5
DCW - 63S	50.5	60.5	63	15	70	78
DCW - 63	56.5	65.5	63	15	76.3	85
DCW - 75S	62.5	72	75	15	85	95
DCW - 75	67.5	78.5	75	15	91	112
DCW - 90	80	90	90	20	103	115

SHROUDS

Material : Black Polyvinylchloride High Grade Also in LSF & LSZH

Provides Additional Protection & enhances IP Rating of the Gland Termination.
Effective Solution to Weather and Corrosion Protection of a Cable Gland.
Available in same Gland Size.

EARTH TAG

Material : Brass, Alumiinium

Means connecting or an earth bond around the Cable Gland.
Available in various shapes and all sizes.
Ensures earth continuity between the electric equipment and the Glands
Can be coated or plated as per customer specifications.

Metric Size	Dowell's CAT no
M20	DET 20
M25	DET 25
M32	DET 32
M40	DET 40
M50	DET 50
M63	DET 63
M75	DET 75
M90	DET 90
M100	DET 100