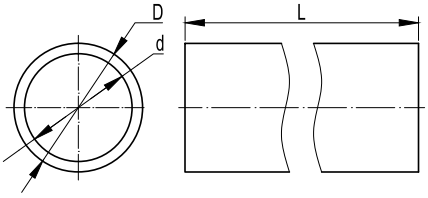
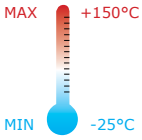
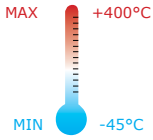
Non-threadable galvanised steel conduits - art. 6008-L

New ZL coating: better resistance than traditional galvanised metallic conduit.

Characteristics:
Electro-coupled conduits made from Sendzimir continuous hot-dip zinc coated sheet (UNI EN 10346:2009) with zinc facing on welding area.
DKC Cosmec 6008-L conduit offer a corrios resistance five times greater than conduit made of standard galvanised steel (verified in compliance with ISO 12944 standard).
The new ZL coating form a barrier against oxidising agents for steel, not only for coated surfaces but also in proximity of side of cut (sacrificial protection).
The internal welding with reduct dimensions and the absence of cutting roughness allows a perfect sliding of cables without risk of covering damages.
The electrical continuity and air/water-tight seal of the system are guaranteed through the use of the connectors indicated in the chart to the right (all approvals are based on the closed system to certify conformity of the conduit/connector as a whole).
They offer good protection against electro-magnetic interference on a wide frequency band. Non-threadable conduits suitable for cold bending, including with limited radius (2,5-3 times conduit Ø).
Conduits are manufactured in these following lenght:
- 3000 mm (0 / +5 mm)
- 4000 mm (0 / -50 mm).

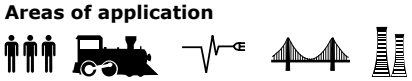






The temperature is referred to conduit - connectors assembly certified as per IMQ

Areas of application



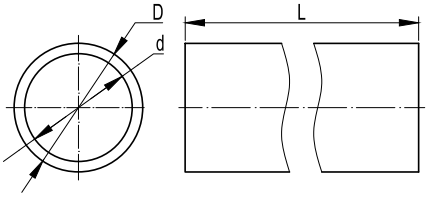
Classification

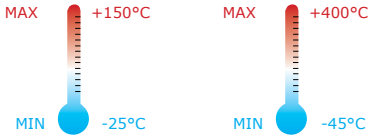
Standard	CEI EN 61386-1, 61386-21 and CEI EN 60423
Significant classification codes CEI EN 61386-1	5 5 4 5
Protection degree in compliance with CEI EN 60529	IP66/IP67
Working temperature	From -25° C to +150° C (temperature referred at conduits-connectors system)
Compression resistance	4000 N (Very heavy)
Resistance to impact	20 J (Very heavy)
Tensile strength	1000 N (Heavy)
Suspended load capacity	450 N (Heavy)
Corrosion resistance CEI EN 61386	2 (Medium)
Corrosion resistance ISO 12944	Class C3-High (H)
EMC Shielding in compliance with IEC TS 61587: 30-230MHz	Level n. 2 (Minimum shooting down of 50dB)
Compliance and certifications according to CEI EN 61386	IMQ n° EM569 RINA n° ELE121113CS VDE n° 40033414
Electrical Properties	Electrical continuity guaranteed

Certification	Diameter ØD mm	Thickness S mm	Conduit length 3 mt		Conduit length 4 mt	
			Pack/mt	Code	Pack/mt	Code
	16	1	45	6008-16L3	60	6008-16L4
	20	1	45	6008-20L3	40	6008-20L4
	25	1,2	30	6008-25L3	40	6008-25L4
	32	1,2	24	6008-32L3	20	6008-32L4
	40	1,2	15	6008-40L3	20	6008-40L4
	50	1,2	15	6008-50L3	16	6008-50L4
	63	1,5	9	6008-63L3	–	–
	75	1,5	3	6008-75L3	-	-

Threadable galvanised steel conduits - art. 6008-P

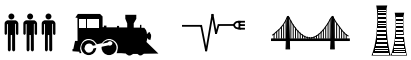
Characteristics:
Electro-coupled conduits made from Sendzimir continuous hot-dip zinc coated sheet (UNI EN 10346:2009), with zinc facing on welding area, subject to IMQ.
The internal welding with reduct dimensions and the absence of cutting roughness allows a perfect sliding of cables without risk of covering damages.
Particulars are threadable with Isometric screw in accordance with CEI EN 60423 standards.
The electrical continuity and air/water-tight seal of the system are guaranteed using DKC Cosmec connectors (all approvals are based on the closed system to certify conformity of the conduit/connector as a whole).
They offer good protection against electro-magnetic interference on a wide frequency band.
Suitable for cold bending, including with limited radius (2,5-3 times conduit Ø).
Conduits are manufactured in this following lenght:
- 3000 mm (0 / +5 mm)





The temperature is referred to conduit - connectors assembly certified as per IMQ

Areas of application



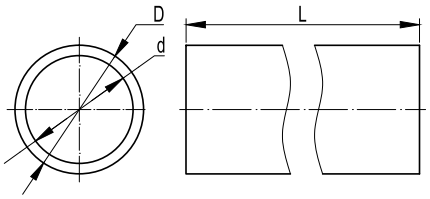
Classification

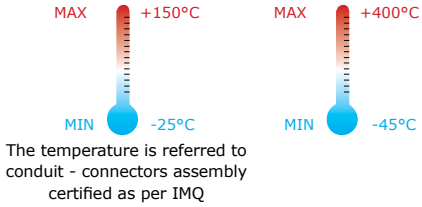
Standard	CEI EN 61386-1, 61386-21 and CEI EN 60423
Significant classification codes CEI EN 61386-1	5 5 4 5
Protection degree in compliance with CEI EN 60529	IP66/IP67
Working temperature	From -25° C to +150° C (temperature referred at system conduit-connector)
Compression resistance	4000 N (Very heavy)
Tensile strength	1000 N (Very heavy)
Suspended load capacity	450 N (Heavy)
Resistance to impact	20 J (Very heavy)
Corrosion resistance	2 (Medium)
EMC Shielding in compliance with IEC TS 61587: 30-230MHz	Level n. 2 (Minimum shooting down of 50dB)
Compliance and certifications according to CEI EN 61386	IMQ n° EM568 RINA n° ELE121113CS
Electrical Properties	Electrical continuity guaranteed

Certifications	Diameter ØD mm	Thickness S mm	Conduit length 3 mt	
			Pack/mt	Code
	16	1,5	45	6008-16P3
	20	1,5	30	6008-20P3
	25	1,5	30	6008-25P3
	32	1,5	21	6008-32P3
	40	1,5	15	6008-40P3
	50	1,5	12	6008-50P3

AISI 304 and AISI 316L stainless steel conduits - art. 6700 and 6700A

Characteristics:
Electro-coupled conduits made from sheets of AISI 304 (X5CrNi1810 1.4301 UNI EN 10088-1) or AISI 316L (X2CrNiMo17-12-2 1.4404 UNI EN10088-1) uniformly brushed stainless steel, in order to obtain a good surface finishing.
The removed inner welding allows for perfect cable sliding without any coating damage risk.
Thanks to a wide range of fittings and accessories it is possible to assemble the entire system in stainless steel; the uniform dimensions however also allow the use of normal nickel-plated brass quick fittings.
Electrical continuity and water tightness are guaranteed by using DKC Cosmec connectors (all approvals are based on the closed system to certify conformity of the conduit/connector as a whole).
Non-threadable conduits are suitable for cold bending, including with limited radius too (2,5-3 times the conduit's diameter).
Conduits are manufactured in these following lenght:
- cod. 6700 = 4000 mm (0/+20mm),
- cod. 6700A = 3000 mm (0/+10mm).
Conduits in lengths of 6000mor to customer specifications, are avaiable in minimum lots of production.





The temperature is referred to conduit - connectors assembly certified as per IMQ

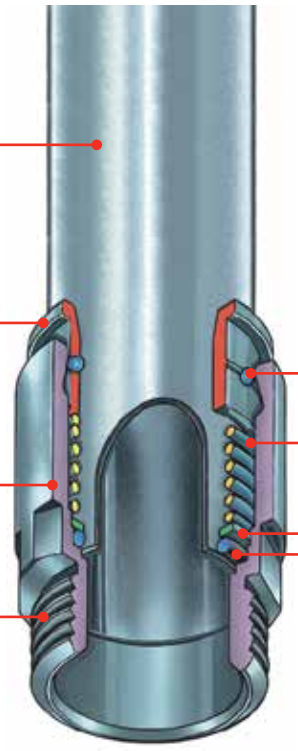
Areas of application

Classification

Standard	CEI EN 61386-1, 61386-21 and CEI EN 60423
Significant classification codes CEI EN 61386-1	5 5 4 5
Protection degree in compliance with CEI EN 60529	IP66/IP67
Working temperature	From -25° C to +150° C (temperature referred at conduits-connectors system)
Compression resistance	4000 N (Very heavy)
Tensile strength	1000 N (Heavy)
Suspended load capacity	450 N (Heavy)
Resistance to impact	20 J (Very heavy)
Corrosion resistance	4 (High)
EMC Shielding in compliance with IEC TS 61587: 30-230MHz	Level n.1 (Minimum shooting down of 35dB)
Compliance and certifications according to CEI EN 61386	IMQ n° CA02.02791 RINA n° ELE121113CS
Electrical Properties	Electrical continuity guaranteed

Certifications		Diameter ØD mm	Thickness S mm	AISI 304 lenght 4 mt		AISI 316L lenght 3 mt	
				Pack/mt	Code	Pack/mt	Code
		16	1	40	6700-16L4	45	6700A16L3
		20	1	40	6700-20L4	45	6700A20L3
		25	1,2	40	6700-25L4	30	6700A25L3
		32	1,2	20	6700-32L4	24	6700A32L3
		40	1,2	20	6700-40L4	15	6700A40L3
		50	1,2	16	6700-50L4	15	6700A50L3
		63	1,5	9	6700-63L4	9	6700A63L3

Characteristics for metal rigid conduits connectors



Steel rigid conduit

Ring support balls
Patented system for coupling of connector-rigid conduit.

Connector body
• made of nickel plated brass/stainless steel;
• totally smooth to prevent the damage of cables;
• high durability and reliability;
• high resistance to aggressive substances.

Thread
Different thread types available

Patented locking system with steel balls

Easy coupling of the conduit with accesories
• fast and easy installation;
• electrical conductivity guaranteed

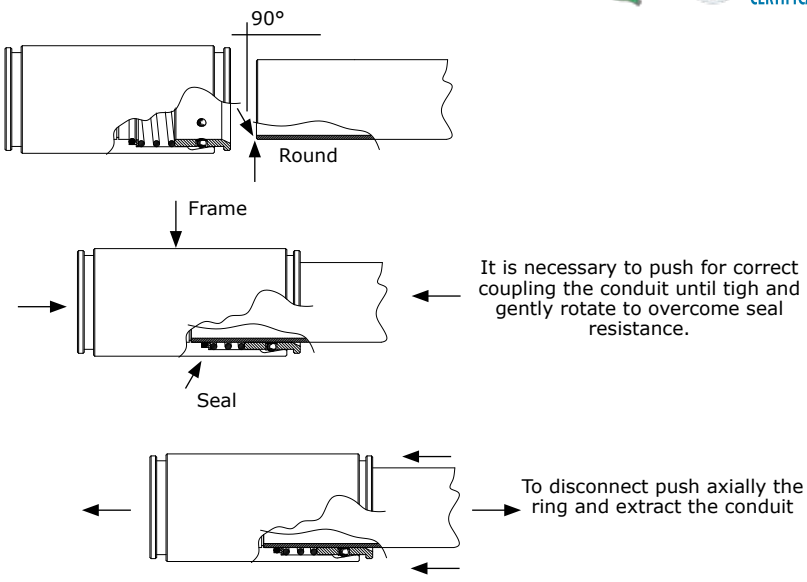
High reliability connection
• it does not scratches the galvanizing of the conduit, avoiding the possible creation of oxidation points

Pressure spring

Seal protection ring
• guarantee the locking and the protection of seal

Seal
Perfect seal (IP66 / IP67)

TYPE APPROVAL CERTIFICATE



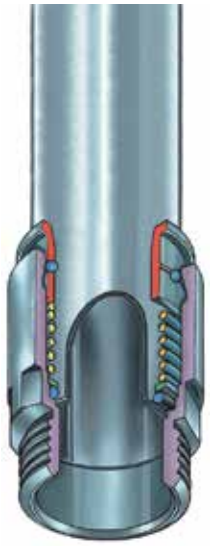
Locking system

• The quick locking system allows to fix the conduit in the accessory with a simple movement;
• the spring gives a pressure on steel balls which allows to lock the conduit providing a high resistance to tensile strenght and an electrical continuity in compliance with CEI EN 61386;
• no necessity of threads;
• it is not required to use installation tools;
• no necessity of welding;
• for the diconnection just press the ring axially and extract the conduit;
• the semplicity of the installation of these connectors, allows to reduce the installation time considerably.

Installation instruction

The seal ensures a high IP protection (IP66/IP67). To achieve a tight sealing just follow some simple rules:
• the conduit must be cut square and deburred to prevent damage of the seal and the cable;
• push the conduit until tight and gently rotate to overcome seal resistance.

Patented quick-coupling connectors in nickel plated brass



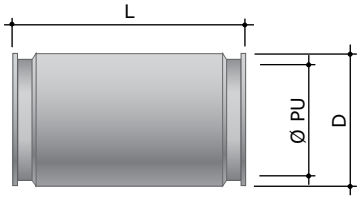
Characteristics:
Made of brass which is then nickel plated in order to improve resistance in face of the hard environmental conditions in which they are going to be used.
Certified products, they are under the IMQ and VDE Quality Mark controls. The connector is coupled to the conduit by means of a patented device consisting of a system of steel balls that, on the basis of the truncated conical shape of the inside of the connector, will lock the conduit once it has been inserted.
This ensures increased levels of resistance to traction and guarantees electrical continuity in compliance with CEI EN 61386 Standard. Electrical continuity is guaranteed in time because the ball bearings do not scratch the galvanization on the conduit, which prevents possible areas of oxidation.
The system's IP66/IP67 seal is guaranteed by a toroidal seal inserted into the conduit; to ensure that this requisite is met, a number of elementary instructions must be followed:
- the conduit must be cut orthogonally and burrs removed to avoid damage to the seal and cable coating during insertion;
- join the two pieces by pushing the conduit that is inserted and gently rotate to overcome seal resistance.
The semplicity of the installation of these connectors, that allows a big reduction of installation times, had a great success, so much to replace all the other solutions of connection between conduits. To cope with different installation requirements, there are different kind of connectors: conduit-conduit, rigid conduit-flexible conduit, conduit-box, conduit-female thread.
Suggested threads are: Iso Metric in compliance with CEI EN 60423 Standard (in accordance with CEI EN 61386 Standard) and cylindrical GAS UNI ISO 228 The particular care in processing these connectors, can ensure a perfect fitting of cables without any risks of coating damages.

Areas of application

Classification

Standard	CEI EN 61386
Significant classification codes CEI EN 61386-1	5 5 4 5
Protection degree in compliance with CEI EN 60529	IP66/IP67
Working temperature	From -25° C to +150° C
Tensile strength	1000 N (Heavy)
Suspended load capacity	450 N (Heavy)
Corrosion Resistance	2 (Medium)
Compliance and certifications according to CEI EN 61386	IMQ n° EM568 - EM 569 RINA n° ELE121113CS VDE n° 40033414

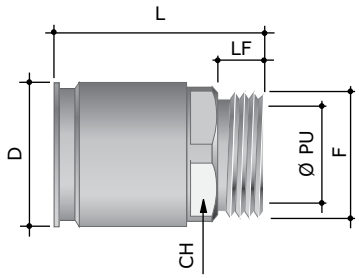
Conduit-conduit connectors made of nickel plated brass - art. 6110



Certifications	Diameter conduit ØD mm	Dimensions, mm			Pack/pcs	Code
		Ø PU	L	D		
	16	15	58	23	8	6110-16N
	20	19	58	27	8	6110-20N
	25	24	58	32	5	6110-25N
	32	31	63	39	4	6110-32N
	40	38	80	50	5	6110-40
	50	48	80	60	5	6110-50
	63	61	84	75	1	6110-63N
	75	73	122	86	1	* 6110-75

* Screw clamping system

Conduit-box connectors made of nickel plated brass - art. 6111



Metric

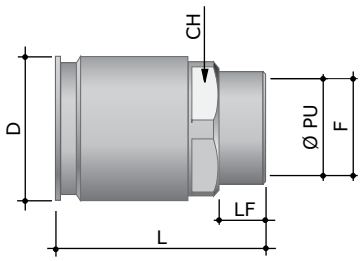
Certifications	Diameter conduit ØD mm	Dimensions, mm						Pack/pcs	Code
		F	Ø PU	CH	LF	D	L		
	16	M16x1,5	12,7	20	10	26	41	8	6111-A16N
	20	M20x1,5	16,0	24	10	27	41	8	6111-A20N
	25	M25x1,5	21,0	29	10	32	41	5	6111-A25N
	32	M32x1,5	27,5	37	12	39	46	4	6111-A32N
	40	M40x1,5	35,0	46	14	50	57	5	6111-A40
	50	M50x1,5	45,0	55	14	60	57	5	6111-A50
	63	M63x1,5	55,0	75	14	75	68	1	6111-A63N
	75	M75x1,5	68,0	Ø86	20	86	84	1	* 6111-A75

* Screw clamping system

ISO 228 GAS Cylindrical

Diameter conduit ØD mm	Dimensions, mm						Pack/pcs	Code
	F	Ø PU	CH	LF	D	L		
16	3/8''	12,7	20	10	26	41	8	6111-16N
20	1/2''	16,0	24	10	27	41	8	6111-20N
25	3/4''	21,0	29	10	32	41	5	6111-25N
32	1''	27,5	37	12	39	46	4	6111-32N
40	1'' 1/4	36,0	46	14	50	57	5	6111-40
50	1'' 1/2	42,0	55	14	60	57	5	6111-50

Conduit-female thread connectors made of nickel plated brass - art. 6112



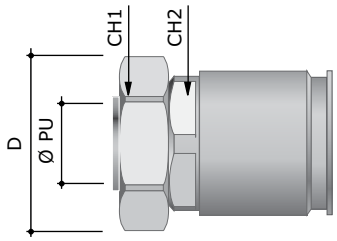
Metric

Certification		Diameter conduit ØD mm	Dimensions, mm						Pack/pcs	Code
			F	Ø PU	CH	LF	D	L		
		16	M16x1,5	14,5	20	10	26	39	8	6112-A16
		20	M20x1,5	18,5	24	10	27	39	8	6112-A20
		25	M25x1,5	23,5	29	10	32	39	5	6112-A25
		32	M32x1,5	30,5	37	12	39	44	4	6112-A32
		40	M40x1,5	38,5	46	15	50	58	5	6112-A40
		50	M50x1,5	48,5	55	15	60	58	5	6112-A50
		63	M63x1,5	60,0	Ø75	21,5	75	67	1	6112-A63N

ISO 228 GAS Cylindrical

Diameter conduit ØD mm	Dimensions, mm						Pack/pcs	Code
	F	Ø PU	CH	LF	D	L		
16	3/8''	15,0	20	12	26	41	8	6112-16N
20	1/2''	18,9	24	12	27	41	8	6112-20N
25	3/4''	24,5	29	12	32	41	5	6112-25N
32	1''	31,0	37	12	39	46	4	6112-32N
40	1'' 1/4	38,0	46	15	50	58	5	6112-40
50	1'' 1/2	45,1	55	15	60	58	5	6112-50

Rigid conduit-flexible conduits connectors made of nickel plated brass - art. 6117



Certification	Diameter conduit ØD mm	Diameter flexible conduit Ød mm	Dimensions, mm				Pack/pcs	Code
			Ø PU	CH1	CH2	D		
	16	10,0	8,5	24	24	27	25	6117-10N
	16	12,0	10,0	26	24	29	25	6117-12N
	16	15,5	13,8	30	28	33	25	6117-16N
	20	15,5	13,8	30	28	33	25	6117-20N
	20	20,5	18,0	37	35	40	15	6117-2020
	25	20,5	18,0	37	35	40	15	6117-25N
	25	26,5	23,0	45	42	50	10	6117-2527
	32	26,5	24,0	45	42	50	10	6117-32N
	32	35,0	30,0	52	50	55	5	6117-3235
	40	40,0	38,0	61	58	64	5	6117-40
	40	35,0	32,0	52	58	55	5	6117-4035
	50	40,0	38,0	61	58	64	5	6117-5040
	50	50,5	48,0	74	70	78	5	6117-50
	63	50,5	48,0	74	Ø75	78	1	6117-63N
	75	63	59,5	94	94	100	1	* 6117-75

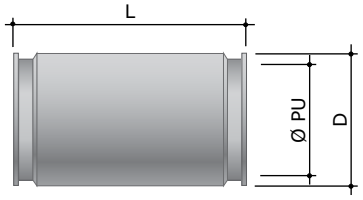
* Screw clamping system

AISI 316L stainless steel connectors

Classification

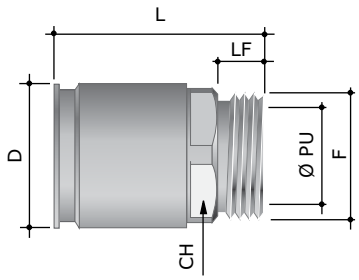
Standard	CEI EN 61386
Significant classification codes CEI EN 61386-1	5 5 4 5
Protection degree in compliance with CEI EN 60529	IP66/IP67
Working temperature	From -25° C to +150° C
Tensile strenght	1000 N (Heavy)
Suspended load capacity	450 N (Heavy)
Corrosion resistance	4 (High)
Compliance and certifications according to CEI EN 61386	IMQ n° CA02.02791 RINA n° ELE121113CS

Conduit-conduit connectors made of AISI 316L stainless steel - art. 6110-XX



Certifications	Diameter conduit ØD mm	Dimensions, mm			Pack/pcs	Code
		Ø PU	L	D		
	16	15	58	24	8	6110-16XX
	20	19	58	28	8	6110-20XX
	25	24	58	32	5	6110-25XX
	32	31	60	40	4	6110-32XX
	40	38	76	50	5	6110-40XX
	50	48	76	60	5	6110-50XX
	63	61	92	75	1	6110-63XX

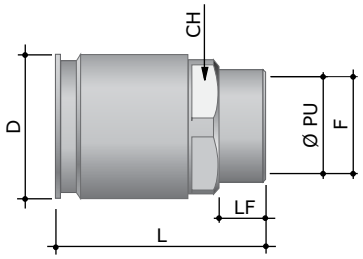
Conduit-box connectors made of AISI 316L stainless steel - art. 6111-XX



Metric

Certifications	Diameter conduit ØD mm	Dimensions, mm						Pack/pcs	Code
		F	Ø PU	CH	LF	D	L		
	16	M16x1,5	12,7	20	10	24	43	8	6111-16XX
	20	M20x1,5	16,0	24	10	28	43	8	6111-20XX
	25	M25x1,5	21,0	29	10	32	43	5	6111-25XX
	32	M32x1,5	27,5	37	12	40	47	4	6111-32XX
	40	M40x1,5	35,0	46	14	50	55	5	6111-40XX
	50	M50x1,5	45,0	55	14	60	55	5	6111-50XX
	63	M63x1,5	55	Ø75	14	75	65,5	1	6111-63XX

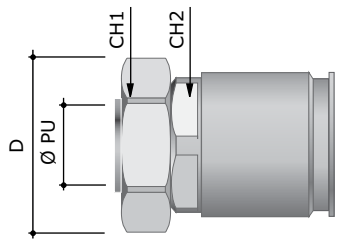
Conduit-female thread connectors made of AISI 316L stainless steel - art. 6112-XX



Metric

Certification		Diameter conduit ØD mm	Dimensions, mm						Pack/pcs	Code
			F	Ø PU	CH	LF	D	L		
		16	M16x1,5	14,5	20	10	24	41,5	8	6112-16XX
		20	M20x1,5	18,5	24	10	28	41,5	8	6112-20XX
		25	M25x1,5	23,5	29	10	32	41,5	5	6112-25XX
		32	M32x1,5	30,5	37	12	39	44,0	4	6112-32XX
		40	M40x1,5	38,5	46	15	50	58,0	5	6112-40XX
		50	M50x1,5	48,5	55	15	60	58,0	5	6112-50XX
		63	M63x1,5	57	Ø75	21,5	75	71,5	1	6112-63XX

Rigid conduit-flexible conduit connectors made of AISI 316L stainless steel art. 6117XX



Certification		Diameter conduit ØD mm	Diameter flexible conduit Ød mm	Dimensions, mm				Pack/pcs	Code
				Ø PU	CH1	CH2	D		
		20	15,5	13,8	30	30	33	25	6117XX20N
		25	20,5	18,0	36	36	40	15	6117XX25N
		32	26,5	24,0	46	46	50	10	6117XX32N
		40	35,0	32,0	55	50	55	5	6117XX4035
		50	40,0	38,0	60	60	64	5	6117XX5040
		63	50,5	48	74	Ø75	75	1	* 6117XX63N

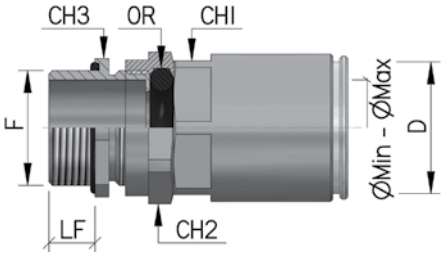
* On request

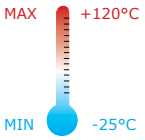
Connector glands for rigid metal conduits - art. 6111P

Classification:
Produced in conformity with the following standards: CEI EN 61386 and CEI EN 50262.
System protection in accordance with EN 60529: IP66/IP68

Requirements of use
Accessories designed for use when it becomes necessary giving the water tightness to the system.

Characteristics:
Made of nickel plated brass. The operating characteristics are identical to part no. 6110-6111.
These special fittings include a glands adapter with a metric male threaded heads. The thread is ISO Metric and complies with CEI EN 60423.

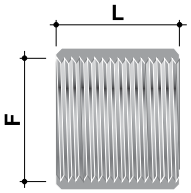




Metric

Diameter conduit ØD mm	Tightening ØMin ØMax	Dimensions, mm					Pack/pcs	Code
		F	CH1	CH2	CH3	LF		
16	05 ÷ 09	M 12x1,5	20	20	20	10	30	6111P16M120509
16	05 ÷ 09	M 16x1,5	20	20	20	10	30	6111P16M160509
16	08 ÷ 12	M 20x1,5	20	24	24	10	30	6111P16M200812
20	08 ÷ 12	M 16x1,5	24	24	24	10	30	6111P20M160812
20	08 ÷ 12	M 20x1,5	24	24	24	10	30	6111P20M200812
20	11 ÷ 16	M 25x1,5	24	30	30	10	30	6111P20M251116
25	11 ÷ 16	M 20x1,5	29	30	30	10	20	6111P25M201116
25	11 ÷ 16	M 25x1,5	29	30	20	10	20	6111P25M251116
25	15 ÷ 21	M 32x1,5	29	36	36	10	20	6111P25M321521
32	15 ÷ 21	M 25x1,5	37	36	36	10	10	6111P32M251521
32	15 ÷ 21	M 32x1,5	37	36	36	10	10	6111P32M321521
32	20 ÷ 27	M 40x1,5	37	45	45	10	10	6111P32M402027
40	20 ÷ 27	M 32x1,5	46	45	45	10	5	6111P40M322027
40	20 ÷ 27	M 40x1,5	46	45	45	10	5	6111P40M402027

Couplings - art. 6003



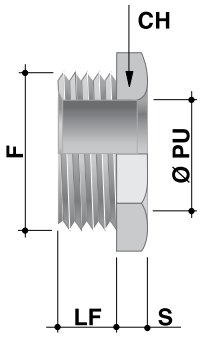
Classification:
Manufactured in compliance with CEI EN 61386
System protection rating: IP 67
Electrical properties: Electrical continuity guaranteed
IMQ approval: n° EM568

Characteristics:
Made of brass which is then nickel plated in order to improve resistance to hard environmental conditions in which they are used.
These connectors allow the coupling of two identical male threads and therefore cannot be used with non-threadable metal conduits. The connector is coupled to the rigid conduit by screwing it into the conduit.
If screwed together correctly the level of protection is IP67, and electrical continuity is in line with CEI standards (See D.A.T. IMQ n° EM568).
The thread is ISO Metric and complies with CEI CEI EN 60423.

Metric

Certification	Diameter conduit ØD mm	Thread F	Lenght mm	Pack/pcs	Code
	16	M16x1,5	27	100	6003-16A
	20	M20x1,5	30	100	6003-20
	25	M25x1,5	36	50	6003-25
	32	M32x1,5	40	25	6003-32A
	40	M40x1,5	40	20	6003-40
	50	M50x1,5	50	5	6003-50
	63	M63x1,5	65	2	6003-63

Adaptor - art. 6052



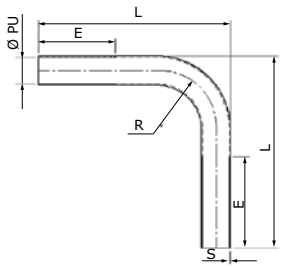
Classification:
Manufactured in compliance with CEI EN 61386
System protection rating: IP 67
Electrical properties: Electrical continuity guaranteed

Characteristics:
Made of brass which is then nickel plated in order to improve resistance to hard environmental conditions in which they are used. These end connectors, totally smooth and with a radial mouth, are used for branching from boxes without attachments or metal ducts in order to reduce internal clutter.
Their use requires the use of female threaded connectors fitted on the conduit side and simplify the possible dismantling of conduit-boxes connection when the installation is already fixed.
The thread is ISO Metric and complies with CEI EN 60423

Metric

Thread F	Dimensions, mm				Pack/pcs	Code
	Ø PU	CH	LF	S		
M16x1,5	13	22	10	3,0	20	6052-16A
M20x1,5	15	26	10	3,0	20	6052-20
M25x1,5	21	30	12	3,5	20	6052-25
M32x1,5	28	40	12	4,0	10	6052-32A
M40x1,5	35	50	14	4,0	1	6052-40
M50x1,5	44	58	18	5,0	1	6052-50

90° non-threading elbows made from rigid metal conduit - art. 6013



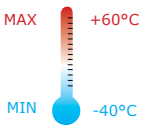
Classification:
Manufactured in compliance with CEI EN 61386-1 and 61386-21
System Protection Rating: IP66/IP67
Electrical Properties: Electrical continuity guaranteed

Characteristics:
COD.6013 Elbows made from galvanised steel conduit cod. 6008-L.
COD.6013-X Elbows made from stainless steel conduit cod cod. 6700.
COD.6013-XX Elbows made from stainless steel conduit cod. 6700A.
The mouth-pieces finishing is done with the greatest care, in order to ensure a perfect nest of cables without any damages to the coating. Usually they are used when particular needs of application do not allow the conduit's bending itself.

Galvanised steel							
Conduit diameter ØD mm	Dimensions, mm (quota E, L tolerance +/-10mm)					Pack/pcs	Code
	S	Ø PU	E	R	L		
16	1,0	14,0	100	40,0	150	5	6013-16L
20	1,0	18,0	100	50,0	155	5	6013-20L
25	1,2	22,5	100	62,5	180	5	6013-25L
32	1,2	29,5	100	80,0	200	5	6013-32L
40	1,2	37,5	100	100,0	240	5	6013-40
50	1,2	47,5	170	170,0	370	1	6013-50
63	1,5	60,0	200	230,0	460	1	6013-63

Conduit diameter ØD mm	Dimensions, mm (quota E, L tolerance +/-10mm)					Pack/pcs	AISI 304 Code	AISI 316L Code
	S	Ø PU	E	R	L			
16	1,0	14,0	100	46,0	155	5	6013-16X	–
20	1,0	18,0	110	67,0	195	5	6013-20X	6013-20XX
25	1,2	22,5	125	82,0	225	5	6013-25X	6013-25XX
32	1,2	29,5	150	112,0	285	5	6013-32X	6013-32XX
40	1,2	37,5	150	190,0	360	5	6013-40X	6013-40XX
50	1,2	47,5	175	250,0	450	1	6013-50X	6013-50XX
63	1,5	60				1	6013-63X	6013-63XX

Bushing - art. 6097L



Characteristics:
Made of a PE-LD plastic material halogen-free and applied to the ends of metal conduits to prevent the cables from coming into direct contact with the edges of the conduit during feeding.

Colours
RAL 7035 Grey

Diameter conduit ØD mm	Ø PU, mm	Pack/pcs	Code
16	14,0	100	6097L16B
20	18,0	100	6097L20B
25	22,5	100	6097L25B
32	29,5	50	6097L32B
40	37,5	50	6097L40B
50	47,5	25	6097L50B
63	60,0	20	6097L63B

Speedy Fix collars - art. 6044

Characteristics:
Galvanised steel conduit clip collars speedy fix system are made from Fe60 relaminated steel that is subsequently electro-galvanised.
Stainless steel conduit clip collar are made from AISI 304 stainless steel ribbon (X5CrNi1810 1.4301 UNI EN 10088-1) or AISI 316 (X5CrNiMo17-12-2 1.4401 UNI EN 10088-1).
They are composed by a shaped support, which base has a threaded nut, and by a half moon shaped strip with two fastening screws that lock the conduit in place.
The base units are available with a 6x10mm slot, the burr-free edges mean they can be installed without scratching the conduit.
The screw-free system means they can be installed and the conduit inserted in place without the use of tools, thus drastically reducing the assembly time required.
Screws and plugs must be ordered separately.

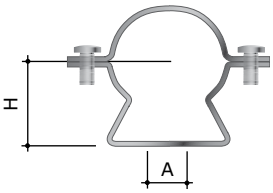
Patented

Position **Insert** **Close**

Conduit diameter ØD mm	Center distance from base, mm	Slot dimension	Pack/pcs	Galvanised steel code	AISI 304 code
16	20,0	6x10	100	6044-A16	-
20	20,0	6x10	100	6044-A20	6044-XA20
25	26,0	6x10	50	6044-A25	6044-XA25
32	27,0	6x10	50	6044-A32	6044-XA32
40	36,0	6x10	25	6044-A40	-
50	40,0	6x10	25	6044-A50	-

Dowel without the screw, wall hole of Ø8mm	100	6041P

Conduit clip collar - art. 6040



Made from steel ribbon, which is then electro-galvanised. Consisting of a shaped support, the base of which has a slot, which helps with its alignment, and a crescent that by means of the tightening of two screws, secures the conduit to be supported.

Ø conduit	Ø tightening, mm	H, mm	A, mm	Pack/pcs	Code
16-3/8″	16,0–19,5	20	6x10	125	6040-16
20-1/2″	20,0–23,5	22	6x10	100	6040-22
25-3/4″	23,5–26,0	25	6x10	75	6040-25
32-1″	26,5–33,0	32	6x12	60	6040-32
40-1″1/4	35,0–40,0	41	6x12	40	6040-38
50-1″1/2	43,0–50,0	45	8x14	30	6040-50
63-2″	54,0–63,0	53	8x14	20	6040-60

Grounding collars - art. 6042

Made from steel ribbon, which is then electrogalvanised.
They are used for equipotential connections between metal conduits using cables of up to 16mm^2.

Ø conduit	Pack/pcs	Code
16-3/8″	125	6042-16
20-1/2″	100	6042-20
25-3/4″	75	6042-25
32-1″	50	6042-32
40-1″1/4	40	6042-40
50-1″1/2	30	6042-50
63-2″	20	6042-63

Bars for multiple fastenings - art. 6190 and 6191

The bars, part no. 6190, are made of shaped steel and then heat galvanised. The length of a bar is 2m. The blocks, cod. 6191, are moulded and electro galvanised. Both these accessories are used for aligning banks of positioning collars, and help with the positioning of rigid metal conduits

Description	Pack/pcs	Code
Bars for multiple fastenings	20	6190
Fastening blocks M6	50	6191

Heavy conduit clip collar with lock nut - art. 6040-P

Made from steel ribbon, which is then galvanised, with galvanised steel fixing screws with combined cut hexagonal head. They are made up of a shape support and its base has a threadable electro-welded nut; the upper part consists of circular steel sheet that is fixed by two screws that lock the conduit in place. The burr-free edges allow it to be installed without scratching the conduit surface. The good mechanical characteristics make them suitable for harsh conditions.

Ø conduit	Ø tightening, mm	Center distance from base, mm	Thread joint	Flat dimension, mm	Pack/pcs	Code
1/2''	18-24	20	M8	20x2,5	100	6040-P12
3/4''	25-30	23	M8	20x2,5	100	6040-P34
1''	30-36	27	M8	20x2,5	100	6040-P01
1'' 1/4	38-44	30	M8	20x2,5	100	6040-P114
1'' 1/2	44-50	35	M8	20x2,5	100	6040-P112
2	56-63	42	M8	20x2,5	100	6040-P02
2'' 1/2	75-80	50	M10	30x2,5	100	6040-P212
3''	84-90	57	M10	30x2,5	100	6040-P03
4''	112-118	70	M10	30x2,5	100	6040-P04

Heavy stainless steel conduit clip collars with lock nut - art. 6040 stainless steel

Made from AISI 304 stainless steel ribbon (X5CrNi1810 1.4301 UNI EN 10088-1) or AISI 316 (X5CrNiMo17-12-2 1.4401 UNI EN 10088-1), which is then polished. They are composed by a shaped support, which base has a threaded nut, and by a half moon shaped strip with two fastening screws that lock the conduit in place.
The burr-free edges allow it to be installed without scratching the conduit surface.
The good mechanical characteristics make them suitable for harsh conditions

Ø conduit	Ø tightening, mm	Thread joint	Flat dimension, mm	F* Nm	Pack/pcs	AISI 304 code	AISI 316L code
3/8''	15–19	M 8	20x2	80	100	6040-038	–
1/2''	20–24	M 8	20x2	80	100	6040-012	6040-012X
3/4''	25–29	M 8	20x2	80	100	6040-034	6040-034X
1''	32–36	M 8	20x2	80	100	6040-001	6040-001X
1'' 1/4	40–45	M 8	20x2,5	90	100	6040-114	6040-114X
1'' 1/2	47–51	M 8	20x2,5	90	100	6040-112	6040-112X
2''	59–63	M 8	20x2,5	90	100	6040-002	–
2'' 1/2	73–78	M 10	30x2,5	130	100	6040-212	–
3''	86–92	M 10	30x2,5	130	100	6040-003	–
4''	108–115	M 10	30x2,5	130	100	6040-004	–

* Minimum strenght of the welded nuts