



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: IECEx IMQ 16.0007U Issue No: 1 Certificate history:
Status: **Current** Page 1 of 5 Issue No. 1 (2019-03-15)
Date of Issue: **2019-03-15** Issue No. 0 (2016-03-04)
Applicant: **DKC Europe S.r.l.**
Via Giovanni Marradi 1 - 20123 Milano (MI)
Italy
Ex Component: **Fittings series EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...; EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...; EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...**

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Ex eb; Ex tb**

Marking:

Ex eb IIC Gb

Ex tb IIIC Db

Approved for issue on behalf of the IECEx
Certification Body:

Mr. Mauro CASARI

Position:

IMQ ExCB Manager

Signature:
(for printed version)

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Istituto Italiano del Marchio di Qualità S.p.A
Via Quintiliano 43
20138 Milano
Italy





IECEX Certificate of Conformity

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Manufacturer: **DKC Europe S.r.l.**
Via Giovanni Marradi 1 - 20123 Milano (MI)
Italy

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex Component covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The Ex Component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0
IEC 60079-31 : 2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2
IEC 60079-7 : 2015 Explosive atmospheres – Part 7: Equipment protection by increased safety "e"
Edition:5.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the Ex Component listed has successfully met the examination and test requirements as recorded in

Test Report:

[IT/IMQ/ExTR16.0007/01](#)

Quality Assessment Report:

[IT/IMQ/QAR16.0002/05](#)



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Schedule

Ex Component(s) covered by this certificate is described below:

Fittings, series EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...; EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...; EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-..., made in brass or stainless steel, are suitable to be installed in zone 1 and zone 21 on equipment with type of protection Ex e IIC / Ex tb IIIC.

The degree of protection IP66/67 is achieved by using gaskets/O-rings on accessories with cylindrical thread, as shown on the drawings listed to Certificate.

All fittings can be dismantled only by use of a tool.

All cylindrical threads tolerance are 6g-6H according ISO 965-1 and ISO 965-3 standards.
The coupling threads to electrical equipment enclosures can be:

- ISO 262 (Mx1,5)
- ISO 228 – GAS
- ISO 7/1
- PG (DIN 40430)
- ANSI B1 20.1 – NPT

Service temperature range: from -45°C to +85°C.

Trademark: "DKC" or "DKC manufactured by COSMEC" or "Cosmec" or "DKC Cosmec" or "ARMEX"

Note:

Models covered by this Certificate are only those belonging to series shown in first page of this Certificate.

Additional accessories series: EX6110-...; EX6110-...XX; EX6117-...; EX6117XX...; EXT06117...



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SCHEDULE OF LIMITATIONS:

- The fitting used shall be suitable to the installation zone, gas/dust group and temperature present.
- Service temperature: from -45°C to +85°C.
- In zones with presence of combustible dusts it is necessary to periodically clean to limit the depth of the layer to less than 5 mm, if non-metallic conduits are used electrostatic charge hazardous shall be take into account.
- The conduit of fittings if non-conductive may generate an ignition-capable level of electrostatic charges under certain extreme conditions (see instructions for detail)
- The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions that might cause a build-up of electrostatic charges on non-conducting surfaces.
- When fittings and conduits are used to connect two increased safety enclosures they shall be positioned in the same hazardous area (for example only Zone 1 or Zone 21). Is not permitted to connect an enclosure located in Zone 1 to another located in Zone 2 or in safe area.
- The installation and maintenance of fittings type EX60**-** must be realized in accordance to the plant and maintenance standards for classified area with the presence of potentially explosive gases or dusts (IEC 60079-14, IEC 60079-17).
- All fittings shall be fully tightened without damaging the threads. The nominal torque to be applied is indicated in relevant safety notes.
- Mounting ground or equipotential bonding conductor: minimum cable cross-section at least 4 mm².
The metallic fittings and conduits shall be connected to grounding or equipotential bonding according to IEC 60079-0, connection shall have low resistance
- Protective earth connections have to be protected against self-loosening.



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

IECEX IMQ 16.0007 U - Issue 1:

Update to Standard IEC 60079-7:2015

New company name, DKC EUROPE S.r.l.

Annex:

[IECEX IMQ 16.0007 U issue No. 1 Annex.pdf](#)

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



General description

Fittings, series EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...; EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...; EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-..., made in brass or stainless steel, are suitable to be installed in zone 1 and zone 21 on equipment with type of protection Ex e IIC / Ex tb IIIC.

The degree of protection IP66/67 is achieved by using gaskets/O-rings on accessories with cylindrical thread, as shown on the drawings listed to Certificate.

All fittings can be dismantled only by use of a tool.

All cylindrical threads tolerance are 6g-6H according ISO 965-1 and ISO 965-3 standards.

The coupling threads to electrical equipment enclosures can be:

- ISO 262 (Mx1,5)
- ISO 228 - GAS
- ISO 7/1
- PG (DIN 40430)
- ANSI B1 20.1 – NPT

Service temperature range: from -45°C to +85°C.

Trademark: "DKC" or "DKC manufactured by COSMEC" or "Cosmec" or "DKC Cosmec" or "ARMEX"

Design options

Table 1: Connectors for flexible conduits	
Series	Description
EX6014-...	Fixed male connectors
EX6014XX...	Fixed male connectors made in stainless steel
EX6015-... EX6115-...	Fixed female connectors
EX6024-...	Elbow fittings 45°
EX6025-...	Elbow fittings 90°
EXT06014-...	Double locking connectors for conduits with braided sleeving

Table 2: Connectors for rigid conduits	
Series	Description
EX6111-...	Quick coupling fittings with male thread
EX6111-...XX	Quick coupling fittings with male thread made in stainless steel
EX6112-...	Quick coupling fittings with female thread
EX6112-...XX	Quick coupling fittings with female thread made in stainless steel

Table 3: Fittings	
Series	Description
EX6003-...	Couplings
EX6016-...	Reducers
EX6028-...	Elbow fittings 45°
EX6029-...	Elbow fittings 90°
EX6050-...	Plugs
EX6051-...	Nipples
EX6052-...	Adaptors

Note: Models covered by this Certificate are only those belonging to series shown in Tables 1, 2 and 3, as above.

Additional accessories series: EX6110-...; EX6110-...XX; EX6117-...; EX6117XX...; EXT06117...

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



Schedule of limitations:

- The fitting used shall be suitable to the installation zone, gas/dust group and temperature present.
- Service temperature: from -45°C to +85°C.
- In zones with presence of combustible dusts it is necessary to periodically clean to limit the depth of the layer to less than 5 mm, if non-metallic conduits are used electrostatic charge hazardous shall be take into account.
- The conduit of fittings if non-conductive may generate an ignition-capable level of electrostatic charges under certain extreme conditions (see instructions for detail).
- The user should ensure that the equipment is not installed in a location where it may be subjected to external conditions that might cause a build-up of electrostatic charges on non-conducting surfaces.
- When fittings and conduits are used to connect two increased safety enclosures they shall be positioned in the same hazardous area (for example only Zone 1 or Zone 21). Is not permitted to connect an enclosure located in Zone 1 to another located in Zone 2 or in safe area.
- The installation and maintenance of fittings type EX60**-* must be realized in accordance to the plant and maintenance standards for classified area with the presence of potentially explosive gases or dusts (IEC 60079-14, IEC 60079-17).
- All fittings shall be fully tightened without damaging the threads.
The nominal torque to be applied is indicated in relevant safety notes.
- Mounting ground or equipotential bonding conductor: minimum cable cross-section at least 4 mm².
The metallic fittings and conduits shall be connected to grounding or equipotential bonding according to IEC 60079-0, connection shall have low resistance.
- Protective earth connections have to be protected against self-loosening.

Manufacturer's documentation:

Safety, maintenance and mounting instructions code:

- Safety Notes EX60xx-SN dated 2018-07-18;
- Safety Notes EX611x-SN3 dated 2018-07-18;
- Safety Notes EXT06xxx-SN2 dated 2018-07-18.

Models sizes

FIXED MALE CONNECTORS

Code	Dimensions		
	Thread	Flexible tube diameter	Length
EX6014-1016	M16x1.5mm	10.0 mm	28.0 mm
EX6014-16A	M16x1.5mm	12.0 mm	29.0 mm
EX6014-1616	M16x1.5mm	15.5 mm	32.3 mm
EX6014-20A	M20x1.5mm	15.5 mm	32.3 mm
EX6014-2020	M20x1.5mm	20.5 mm	35.0 mm
EX6014-25A	M25x1.5mm	20.5 mm	35.0 mm
EX6014-2527	M25x1.5mm	26.5 mm	38.5 mm
EX6014-32A	M32x1.5mm	26.5 mm	38.5 mm
EX6014-40A	M40x1.5mm	40.0 mm	44.5 mm
EX6014-4035	M40x1.5mm	35.0 mm	43.0 mm
EX6014-50A	M50x1.5mm	50.5 mm	54.5 mm
EX6014-5040	M50x1.5mm	40.0 mm	48.5 mm

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
 EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
 EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



Code	Dimensions			
	Thread	Flexible tube diameter	Length	
EX6014-6350	M63x1.5mm	50.5 mm	54.5 mm	
EX6014-07	PG	PG 7	28.0 mm	
EX6014-1009		PG 9	28.0 mm	
EX6014-1011		PG 11	28.0 mm	
EX6014-1013		PG 13.5	28.0 mm	
EX6014-09		PG 9	29.0 mm	
EX6014-11		PG 11	29.0 mm	
EX6014-1213		PG 13.5	29.0 mm	
EX6014-1215		PG 16	29.0 mm	
EX6014-13		PG 13.5	31.3 mm	
EX6014-15		PG 16	30.5 mm	
EX6014-1520		PG 16	33.0 mm	
EX6014-21		PG 21	33.0 mm	
EX6014-29		PG 29	38.5 mm	
EX6014-36		PG 36	41.0 mm	
EX6014-42		PG 42	44.0 mm	
EX6014-48		PG 48	54.5 mm	
EX6014-10		GAS	1/4"	28.0 mm
EX6014-1038			3/8"	28.0 mm
EX6014-12			3/8"	29.0 mm
EX6014-1212	1/2"		29.0 mm	
EX6014-16	1/2"		31.3 mm	
EX6014-22	3/4"		35.0 mm	
EX6014-32	1"		38.5 mm	
EX6014-38	1.1/4"		43.0 mm	
EX6014-40	1.1/2"		44.5 mm	
EX6014-50	2"		54.5 mm	
EX6014-16NPT	NPT	1/2"	34.5 mm	
EX6014-22NPT		3/4"	37.5 mm	
EX6014-32NPT		1"	44.5 mm	
EX6014-38NPT		1.1/4"	49.0 mm	
EX6014-40NPT		1.1/2"	46.5 mm	
EX6014-50NPT		2"	58.5 mm	
EX6014-16I7	ISO 7/1	1/2"	34.5 mm	
EX6014-22I7		3/4"	37.5 mm	
EX6014-32I7		1"	44.5 mm	

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Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
 EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
 EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



Code	Dimensions		
	Thread	Flexible tube diameter	Length
EX6014-3817	1.1/4"	35.0 mm	49.0 mm
EX6014-4017	1.1/2"	40.0 mm	46.5 mm
EX6014-5017	2"	50.5 mm	58.5 mm

FIXED MALE CONNECTORS MADE IN STAINLESS STEEL

Code	Dimensions			
	Thread	Flexible tube diameter	Length	
EX6014XX-1016	ISO 262	M16x1.5mm	10.0 mm	28.0 mm
EX6014XX-16A		M16x1.5mm	12.0 mm	29.0 mm
EX6014XX-1616		M16x1.5mm	15.5 mm	32.3 mm
EX6014XX-20A		M20x1.5mm	15.5 mm	32.3 mm
EX6014XX-2020		M20x1.5mm	20.5 mm	35.0 mm
EX6014XX-25A		M25x1.5mm	20.5 mm	35.0 mm
EX6014XX-2527		M25x1.5mm	26.5 mm	38.5 mm
EX6014XX-32A		M32x1.5mm	26.5 mm	38.5 mm
EX6014XX-40A		M40x1.5mm	40.0 mm	44.5 mm
EX6014XX-4035		M40x1.5mm	35.0 mm	43.0 mm
EX6014XX-50A		M50x1.5mm	50.5 mm	54.5 mm
EX6014XX-5040		M50x1.5mm	40.0 mm	48.5 mm
EX6014XX-6350		M63x1.5mm	50.5 mm	54.5 mm

FIXED FEMALE CONNECTORS

Code	Dimensions			
	Thread	Flexible tube diameter	Length	
EX6015-10A	ISO 262	M16x1.5mm	10.0 mm	27.0 mm
EX6015-12A		M16x1.5mm	12.0 mm	28.5 mm
EX6015-16A		M16x1.5mm	15.5 mm	32.3 mm
EX6015-20		M20x1.5mm	15.5 mm	32.3 mm
EX6015-2020		M20x1.5mm	20.5 mm	33.0 mm
EX6015-25		M25x1.5mm	20.5 mm	35.0 mm
EX6015-2527		M25x1.5mm	26.5 mm	38.5 mm
EX6015-32A		M32x1.5mm	26.5 mm	38.5 mm
EX6015-3235		M32x1.5mm	35.0 mm	43.0 mm
EX6015-40		M40x1.5mm	40.0 mm	48.5 mm
EX6015-4035		M40x1.5mm	35.0 mm	43.0 mm
EX6015-50		M50x1.5mm	50.5 mm	51.5 mm

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Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



Code	Dimensions		
	Thread	Flexible tube diameter	Length
EX6015-5040	GAS	M50x1.5mm	40.0 mm
EX6015-6350		M63x1.5mm	50.5 mm
EX6015-10		3/8"	10.0 mm
EX6015-12		3/8"	12.0 mm
EX6015-16		3/8"	15.5 mm
EX6115-12		1/2"	15.5 mm
EX6115-34		3/4"	20.5 mm
EX6115-01		1"	26.5 mm
EX6115-114		1.1/4"	35.0 mm
EX6115-112		1.1/2"	40.0 mm
EX6115-02		2"	50.5 mm

ELBOW FITTINGS 45°

Code	Dimensions		
	Thread	Flexible tube diameter	Length
EX6024-1610	M16x1.5mm	10.0 mm	45.5 mm
EX6024-1612	M16x1.5mm	12.0 mm	46.8 mm
EX6024-1616	M16x1.5mm	15.5 mm	49.0 mm
EX6024-2016	M20x1.5mm	15.5 mm	52.7 mm
EX6024-2020	M20x1.5mm	20.5 mm	53.8 mm
EX6024-2520	M25x1.5mm	20.5 mm	57.4 mm
EX6024-2527	M25x1.5mm	26.5 mm	61.0 mm
EX6024-3227	M32x1.5mm	26.5 mm	65.7 mm

ELBOW FITTINGS 90°

Code	Dimensions		
	Thread	Flexible tube diameter	Length
EX6025-1610	M16x1.5mm	10.0 mm	50.9 mm
EX6025-1612	M16x1.5mm	12.0 mm	52.0 mm
EX6025-1616	M16x1.5mm	15.5 mm	54.0 mm
EX6025-2016	M20x1.5mm	15.5 mm	59.3 mm
EX6025-2020	M20x1.5mm	20.5 mm	60.0 mm
EX6025-2520	M25x1.5mm	20.5 mm	65.5 mm
EX6025-2527	M25x1.5mm	26.5 mm	69.5 mm
EX6025-3227	M32x1.5mm	26.5 mm	76.6 mm

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



DOUBLE LOCKING CONNECTORS FOR METAL CONDUIT PROTECTED BY BRANDED SLEEVING

Code	Dimensions		
	Flexible tube diameter	Thread	Length
EXT06014-1016	10.0 mm	M16x1.5mm	43.8 mm
EXT06014-16A	12.0 mm	M16x1.5mm	44.7 mm
EXT06014-1616	15.5 mm	M16x1.5mm	50.5 mm
EXT06014-20A	15.5 mm	M20x1.5mm	50.5 mm
EXT06014-2020	20.5 mm	M20x1.5mm	53.4 mm
EXT06014-25A	20.5 mm	M25x1.5mm	55.2 mm
EXT06014-2527	26.5 mm	M25x1.5mm	60.5 mm
EXT06014-32A	26.5 mm	M32x1.5mm	60.5 mm
EXT06014-4035	35.0 mm	M40x1.5mm	61.0 mm
EXT06014-40A	40.0 mm	M40x1.5mm	66.0 mm
EXT06014-5040	40.0 mm	M50x1.5mm	70.0 mm
EXT06014-50A	50.5 mm	M50x1.5mm	74.5 mm
EXT06014-6350	50.5 mm	M63x1.5mm	74.5 mm

CONNECTORS FOR RIGID CONDUITS QUICK COUPLING FITTINGS WITH MALE THREAD

Code	Dimensions		
	Thread	Tube diameter	Length
EX6111-A16N	M16x1.5mm	16 mm	43.4 mm
EX6111-A20N	M20x1.5mm	20 mm	44.4 mm
EX6111-A25N	M25x1.5mm	25 mm	45.4 mm
EX6111-A32N	M32x1.5mm	32 mm	48.9 mm
EX6111-A40	M40x1.5mm	40 mm	56.0 mm
EX6111-A50	M50x1.5mm	50 mm	56.0 mm
EX6111-A63N	M63x1.5mm	63 mm	65.5 mm
EX6111-16N	3/8"	16 mm	43.4 mm
EX6111-20N	1/2"	20 mm	44.4 mm
EX6111-25N	3/4"	25 mm	45.4 mm
EX6111-32N	1"	32 mm	48.9 mm
EX6111-40	1.1/4"	40 mm	56.0 mm
EX6111-50	1.1/2"	50 mm	56.0 mm

QUICK COUPLING FITTINGS WITH MALE THREAD MADE IN STAINLESS STEEL

Code	Dimensions		
	Thread	Tube diameter	Length
EX6111-16XX	M16x1.5mm	16 mm	43.5 mm
EX6111-20XX	M20x1.5mm	20 mm	45.0 mm

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



Code	Dimensions		
	Thread	Tube diameter	Length
EX6111-25XX	M25x1.5mm	25 mm	45.0 mm
EX6111-32XX	M32x1.5mm	32 mm	49.0 mm
EX6111-40XX	M40x1.5mm	40 mm	57.0 mm
EX6111-50XX	M50x1.5mm	50 mm	57.0 mm
EX6111-63XX	M63x1.5mm	63 mm	66.5 mm

QUICK COUPLING FITTINGS WITH FEMALE THREAD

Code	Dimensions		
	Thread	Tube diameter	Length
EX6112-A16	M16x1.5mm	16 mm	40.5 mm
EX6112-A20	M20x1.5mm	20 mm	40.5 mm
EX6112-A25	M25x1.5mm	25 mm	40.5 mm
EX6112-A32	M32x1.5mm	32 mm	44.0 mm
EX6112-A40	M40x1.5mm	40 mm	58.0 mm
EX6112-A50	M50x1.5mm	50 mm	58.0 mm
EX6112-A63N	M63x1.5mm	63 mm	71.5 mm
EX6112-16N	3/8"	16 mm	42.5 mm
EX6112-20N	1/2"	20 mm	42.5 mm
EX6112-25N	3/4"	25 mm	42.5 mm
EX6112-32N	1"	32 mm	44.0 mm
EX6112-40	1.1/4"	40 mm	58.0 mm
EX6112-50	1.1/2"	50 mm	58.0 mm

QUICK COUPLING FITTINGS WITH FEMALE THREAD MADE IN STAINLESS STEEL

Code	Dimensions		
	Thread	Tube diameter	Length
EX6112-16XX	M16x1.5mm	16 mm	41.5 mm
EX6112-20XX	M20x1.5mm	20 mm	41.5 mm
EX6112-25XX	M25x1.5mm	25 mm	41.5 mm
EX6112-32XX	M32x1.5mm	32 mm	44.0 mm
EX6112-40XX	M40x1.5mm	40 mm	58.0 mm
EX6112-50XX	M50x1.5mm	50 mm	58.0 mm
EX6112-63XX	M63x1.5mm	63 mm	71.5 mm

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



FITTINGS, COUPLINGS

Code	Dimensions	
	Thread	Length
EX6003-16A	M16x1.5mm	27 mm
EX6003-20	M20x1.5mm	30 mm
EX6003-25	M25x1.5mm	36 mm
EX6003-32A	M32x1.5mm	40 mm
EX6003-40	M40x1.5mm	40 mm
EX6003-50	M50x1.5mm	50 mm
EX6003-63	M63x1.5mm	65 mm

REDUCERS

Code	Dimensions			
	Male Thread	Female Thread	Length	Type
EX6016-1620	M16x1.5mm	M20x1.5mm	21 mm	B
EX6016-2016	M20x1.5mm	M16x1.5mm	12 mm	A
EX6016-2025	M20x1.5mm	M25x1.5mm	21 mm	B
EX6016-2520	M25x1.5mm	M20x1.5mm	14 mm	A
EX6016-2532	M25x1.5mm	M32x1.5mm	25 mm	B
EX6016-3220	M32x1.5mm	M20x1.5mm	14 mm	A
EX6016-3225	M32x1.5mm	M25x1.5mm	14 mm	A
EX6016-3240	M32x1.5mm	M40x1.5mm	25 mm	B
EX6016-4020	M40x1.5mm	M20x1.5mm	18 mm	A
EX6016-4025	M40x1.5mm	M25x1.5mm	18 mm	A
EX6016-4032	M40x1.5mm	M32x1.5mm	18 mm	A
EX6016-4050	M40x1.5mm	M50x1.5mm	32 mm	B
EX6016-5032	M50x1.5mm	M32x1.5mm	19 mm	A
EX6016-5040	M50x1.5mm	M40x1.5mm	19 mm	A
EX6016-5063	M50x1.5mm	M63x1.5mm	35 mm	B
EX6016-6340	M63x1.5mm	M40x1.5mm	21 mm	A
EX6016-6350	M63x1.5mm	M50x1.5mm	21 mm	A

All threads are equipped with a silicon gasket.

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: Fittings series:

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



ELBOW FITTINGS 45°

Code	Dimensions	
	Thread	Length
EX6028-16	M16x1.5mm	26.7 mm
EX6028-20	M20x1.5mm	30.0 mm
EX6028-25	M25x1.5mm	34.5 mm
EX6028-32	M32x1.5mm	39.5 mm

ELBOW FITTINGS 90°

Code	Dimensions	
	Thread	Length
EX6029-16	M16x1.5mm	31.8 mm
EX6029-20	M20x1.5mm	36.8 mm
EX6029-25	M25x1.5mm	42.5 mm
EX6029-32	M32x1.5mm	49.7 mm

All threads are equipped with a silicon gasket.

PLUGS

Code	Dimensions	
	Thread	Length
EX6050-16A	M16x1.5mm	13.0 mm
EX6050-20	M20x1.5mm	11.5 mm
EX6050-25	M25x1.5mm	13.5 mm
EX6050-32A	M32x1.5mm	13.5 mm
EX6050-40	M40x1.5mm	18.0 mm
EX6050-50	M50x1.5mm	20.0 mm
EX6050-63	M63x1.5mm	21.0 mm

All threads are equipped with a silicon gasket.

NIPPLES

Code	Dimensions	
	Thread	Length
EX6051-16A	M16x1.5mm	21.0 mm
EX6051-20	M20x1.5mm	24.5 mm
EX6051-25	M25x1.5mm	25.0 mm
EX6051-32A	M32x1.5mm	32.0 mm
EX6051-40	M40x1.5mm	37.0 mm
EX6051-50	M50x1.5mm	50.0 mm

Annex to: IECEx IMQ 16.0007U issue No. 1

Applicant: DKC EUROPE S.r.l.

Apparatus: **Fittings series:**

EX6014-...; EX6014XX...; EX6015-...; EX6115-...; EX6024-...; EX6025-...;
EXT06014-...; EX6111-...; EX6111-...XX; EX6112-...; EX6112-...XX; EX6003-...;
EX6016-...; EX6028-...; EX6029-...; EX6050-...; EX6051-...; EX6052-...



ADAPTORS

Code	Dimensions	
	Thread	Length
EX6052-16A	M16x1.5mm	13.0 mm
EX6052-20	M20x1.5mm	13.0 mm
EX6052-25	M25x1.5mm	15.0 mm
EX6052-32A	M32x1.5mm	16.0 mm
EX6052-40	M40x1.5mm	18.0 mm
EX6052-50	M50x1.5mm	20.0 mm

All threads are equipped with a silicon gasket.