

FITTINGS DATA SHEET

PLUGS, ADAPTORS AND REDUCERS



T plugs series



Adaptors and reducers series **A** and **R**



Adaptors and reducers series **AM/RM**



Adaptors and reducers series **AF/RF**

Plugs, adaptors and reducers are suitable for installation in any areas of a plant where there is a risk of explosion and/or fire, or areas where combustible dust is present, classified as Zone 1, 2, 21, 22.

Installation:

hazardous areas - Zone 1 / 2 (Gases) - Zone 21 / 22 (Dusts)

classification:

Group II - Category 2G 2D

EN/IEC Rules of compliance:

EN/IEC 60079-0


EN/IEC 60079-1

EN/IEC 60079-7

EN/IEC 60079-11

EN/IEC 60079-31

Execution:

( II 2G) Ex db IIC Gb / Ex eb IIC Gb/ Ex tb IIIC Db – IP66

Ambient temperature:

Made in brass or nickel plated brass from -40°C + 130°C.

Made in stainless steel AISI 316L from -50°C + 150°C.

Directive ATEX 2014/34/EU

Certifications:

ATEX certificate: TUV CY24ATEX0207035X.

IECEx certificate: IECEx TPS 25.0074X

Mechanical features:

Material:

- Brass;
- Stainless steel AISI-316L.

Finishes: nickel plating (brass material only).

O-rings: silicon rubber.

On request accessories:

Different threads from standard

Different materials from standard

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PLUGS TYPE T

SIZE	THREAD SIZE		
	ANSI B1.20.1 NPT (N)	ISO 228-1 (G)	ISO-261 (M)
T0	3/8"	3/8"	M16
T1	1/2"	1/2"	M20
T2	3/4"	3/4"	M25
T3	1"	1"	M32
T4	1"1/4	1"1/4	M40
T5	1"1/2	1"1/2	M50
T6	2"	2"	M63



example of designation:

- 1) T1NIX → stainless steel plug 1"NPT;
- 2) T3MON → nickel plated brass plug M32.

ADAPTORS / REDUCERS

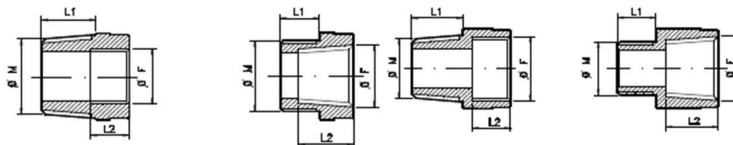
SIZE	THREAD SIZE		
	ANSI B1.20.1 NPT (N)	ISO 228-1 (G)	ISO-261 (M)
0	3/8"	3/8"	M16
1	1/2"	1/2"	M20
2	3/4"	3/4"	M25
3	1"	1"	M32
4	1"1/4	1"1/4	M40
5	1"1/2	1"1/2	M50
6	2"	2"	M63

A series – Male-Female adaptors – M and F have a different threads

M/F thread adaptor: M and F different thread

Adaptor type A xa yb

A = Adaptor
 x = M thread type
 a = M thread size
 y = F thread type
 b = F thread size



Ineltec S.r.l.

Via Toscanini n.17 – 20004 Arluno (MI)

Tel: +39 02 901 5051

Technical data subject to change without information

Email: info@ineltec-srl.com

Sito web: www.ineltec-srl.com

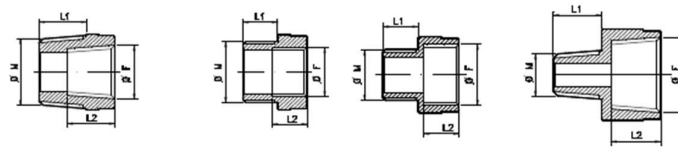
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R series – Male-Female adaptors – M and F have a same threads

M/F thread reducer: M and F same thread

Reducer type **R xa yb**

R = reducer
 x = M thread type
 a = M thread size
 y = F thread type
 b = F thread size



AM / RM series – Male-Male adaptor/reducer – M and M have same threads

M/M thread adaptor/reducer: M and M same thread

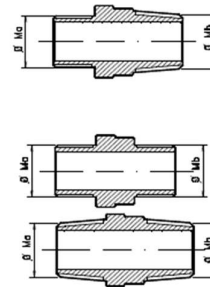
Adaptor type **AM xa yb**

AM = adaptor
 x = M thread type
 a = M thread size
 y = M thread type
 b = M thread size



Reducer type **RM xa yb**

RM = reducer
 x = M thread type
 a = M thread size
 y = M thread type
 b = M thread size



AF / RF series – Female-Female thread adaptor/reducer – F and F have same threads

F/F thread adaptor/reducer: F and F same thread

Adaptor type **AF xa yb**

AF = adaptor
 x = F thread type
 a = F thread size
 y = F thread type
 b = F thread size



Reducer type **RF xa yb**

RF = reducer
 x = F thread type
 a = F thread size
 y = F thread type
 b = F thread size

