

REDUCERS

series
RE

Protection	Gas	Zone	1-2	II2G	Ex d IIC Gb / Ex e IIC Gb
	Dusts	Zone	21-22	II2D	Ex tb IIIC Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-40°C	+100°C
	Extended	-60°C	+180°C

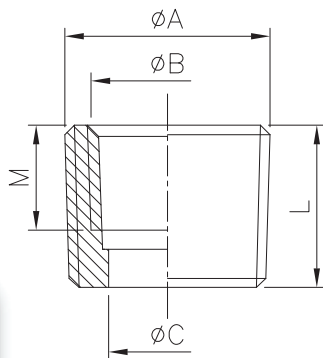


Entries Threading	NPT ANSI B1.20 or Metric ISO 262
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Material	Nickel plated Brass
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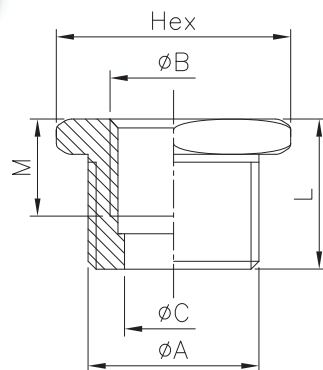
Standards and Certificates		Directive 2014/34/EU (ATEX) EN 60079 - 0 • EN 60079 - 1 EN 60079 - 7 • EN 60079 - 31
		INERIS 14 ATEX 0029X
		IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 7 • IEC 60079 - 31 IECEx INE 14.0038X

- Options**
- Material: Stainless Steel AISI 316L ("S") on request.
 - Sizes greater than 3".
 - Different threadings.



Code	ØA [NPT]	ØB [NPT]	Dimensions (mm)			Weight (g)	ØA (MALE) [NPT]	ØB (FEMALE) [NPT]							
			ØC	L	M			3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"
RE 138	1/2"	3/8"	10	19	16	30	1/2"	■	X	X	X	X	X	X	X
RE 21	3/4"	1/2"	13	21	18	50	3/4"	□	■	X	X	X	X	X	X
RE 31	1"	1/2"	13	21	18	110	1"	□	■	■	X	X	X	X	X
RE 32	1"	3/4"	19	21	18	75	1.1/4"	□	□	□	■	X	X	X	X
RE 43	1.1/4"	1"	25	27	23	160	1.1/2"	□	□	□	□	■	X	X	X
RE 54	1.1/2"	1.1/4"	32	27	23	150	2"	□	□	□	□	□	■	X	X
RE 65	2"	1.1/2"	38	27	23	300	2.1/2"	□	□	□	□	□	□	□	X
RE 76	2.1/2"	2"	50	27	23	380	3"	□	□	□	□	□	□	□	□
RE 87	3"	2.1/2"	60	35	31	750									

■ = available □ = available on request X = not available



Code	ØA [ISO]	ØB [ISO]	Dimensions (mm)				Weight (g)	ØA (MALE) [ISO]	ØB (FEMALE) [ISO]							
			ØC	L	M	Hex			M16	M20	M25	M32	M40	M50	M63	M75
RE 2016	M20x1,5	M16x1,5	10	20	16	26	35	M20	■	X	X	X	X	X	X	X
RE 2520	M25x1,5	M20x1,5	13	21	17	30	55	M25	□	■	X	X	X	X	X	X
RE 3220	M32x1,5	M20x1,5	13	21	17	38	115	M32	□	■	■	X	X	X	X	X
RE 3225	M32x1,5	M25x1,5	19	21	17	38	90	M40	□	□	□	■	X	X	X	X
RE 4032	M40x1,5	M32x1,5	25	24	19	46	150	M50	□	□	□	□	■	X	X	X
RE 5040	M50x1,5	M32x1,5	32	24	19	56	200	M63	□	□	□	□	□	■	X	X
RE 6350	M63x1,5	M40x1,5	42	25	19	70	350	M75	□	□	□	□	□	□	□	X
RE 7563	M75x1,5	M50x1,5	55	28	21	82	450	M90	□	□	□	□	□	□	□	□
RE 9075	M90x1,5	M63x1,5	65	30	23	98	700									

■ = available □ = available on request X = not available

- NOTES**
- Extended operating temperature range is -40°C ÷ +100°C with EPDM O-ring.
 - Extended operating temperature range is -60°C ÷ +180°C with Silicone O-ring.
 - The fitting may be mounted on electrical equipment suitable for group IM2 (firedamp mines) if it is not made of Aluminum light alloy. The resulting mode of protection will be: Ex d I Mb.

Example: RE32S

Order Coding

Example: RES2S

Type	Size and Threading (Male)	Size and Threading (Female)	Material
RE	1/2/3/4/5/6 = NPT ANSI B1.20 20/25/32/40/50/63/75/90 = Metric ISO 262	38/1/2/3/4/5 = NPT ANSI B1.20 16/20/25/32/40/50/63/75 = Metric ISO 262	B = Nickel plated Brass S = Stainless Steel AISI 316L

ADAPTERS

series
RE

Protection	Gas	Zone	1-2	II2G	Ex d IIC Gb / Ex e IIC Gb
	Dusts	Zone	21-22	II2D	Ex tb IIC Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-40°C	+100°C
	Extended	-60°C	+180°C



Entries Threading	NPT ANSI B1.20 or Metric ISO 262
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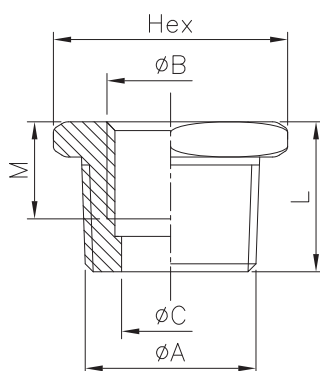
Material	Nickel plated Brass
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Standards and Certificates	Directive 2014/34/EU (ATEX)
	EN 60079 - 0 • EN 60079 - 1 EN 60079 - 7 • EN 60079 - 31
	CE INERIS 14 ATEX 0029X
	IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 7 • IEC 60079 - 31 IECEx INE 14.0038X

Options

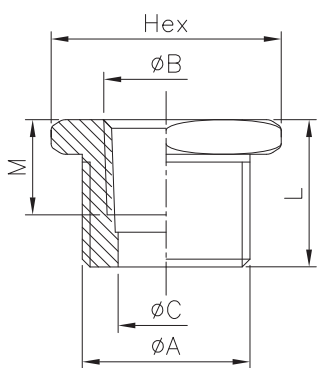
- Material: Stainless Steel AISI 316L ("S") on request.

- Sizes greater than 3".



Code	ØA [NPT]	ØB [ISO]	Dimensions (mm)				Weight (g)		ØB (FEMALE) [ISO]								
			ØC	L	M	Hex			M16	M20	M25	M32	M40	M50	M63	M75	
ØA (MALE) [NPT]	1/2"	■					X		X	X	X	X	X	X	X	X	X
RE 1N16M	1/2"	M16x1,5	10	22	18	22	40	3/4"	□	■	X	X	X	X	X	X	X
RE 2N20M	3/4"	M20x1,5	13	23	19	28	60	1"	□	■	■	X	X	X	X	X	X
RE 3N20M	1"	M20x1,5	13	28	21	35	150	1.1/4"	□	□	□	■	X	X	X	X	X
RE 3N25M	1"	M25x1,5	19	28	21	35	110	1.1/2"	□	□	□	□	■	X	X	X	X
RE 4N32M	1.1/4"	M32x1,5	25	29	21	44	180	2"	□	□	□	□	□	■	X	X	X
RE 5N40M	1.1/2"	M40x1,5	32	29	21	50	190	2.1/2"	□	□	□	□	□	□	□	□	X
RE 6N50M	2"	M50x1,5	42	30	21	62	300	3"	□	□	□	□	□	□	□	□	□
RE 7N63M	2.1/2"	M63x1,5	55	38	21	74	460	■ = available □ = available on request X = not available									
RE 8N75M	3"	M75x1,5	65	40	25	90	780										

■ = available □ = available on request X = not available



Code	ØA [ISO]	ØB [NPT]	Dimensions (mm)				Weight (g)		ØB (FEMALE) [NPT]								
			ØC	L	M	Hex			3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	
ØA (MALE) [ISO]	M20	■					X		X	X	X	X	X	X	X	X	X
RE 20M38N	M20x1,5	3/8"	10	20	16	26	35	M25	□	■	X	X	X	X	X	X	X
RE 25M1N	M25x1,5	1/2"	13	20	18	30	55	M32	□	■	■	X	X	X	X	X	X
RE 32M1N	M32x1,5	1/2"	13	22	18	38	120	M40	□	□	□	■	X	X	X	X	X
RE 32M2N	M32x1,5	3/4"	19	22	18	38	90	M50	□	□	□	□	■	X	X	X	X
RE 40M3N	M40x1,5	1"	25	24	23	46	180	M63	□	□	□	□	□	■	X	X	X
RE 50M4N	M50x1,5	1.1/4"	32	24	23	56	250	M75	□	□	□	□	□	□	□	X	X
RE 63M5N	M63x1,5	1.1/2"	38	24	23	70	450	M90	□	□	□	□	□	□	□	□	□
RE 75M6N	M75x1,5	2"	50	28	23	82	600	■ = available □ = available on request X = not available									
RE 90M7N	M90x1,5	2.1/2"	60	28	31	98	1000										

■ = available □ = available on request X = not available

NOTES

- Extended operating temperature range is -40°C ÷ +100°C with EPDM O-ring.
- Extended operating temperature range is -60°C ÷ +180°C with Silicone O-ring.

- The fitting may be mounted on electrical equipment suitable for group IM2 (firedamp mines) if it is not made of Aluminum light alloy. The resulting mode of protection will be: Ex d I Mb.

Example: RE75M3NB

Order Coding

Type	Size and Threading (Male)	Threading Identification (Male)	Size and Threading (Female)	Threading Identification (Female)	Material
RE	1/2/3/4/5/6/7/8 = NPT ANSI B1.20 20/25/32/40/50/63/75/90 = Metric ISO 262	N = NPT ANSI B1.20 M = Metric ISO 262	16/20/25/32/40/50/63/75 = Metric ISO 262 1/2/3/4/5/6/7 = NPT ANSI B1.20	M = Metric ISO 262 N = NPT ANSI B1.20	B = Nickel plated Brass S = Stainless Steel AISI 316L

REDUCERS

series
REB

Protection	Gas	Zone	1-2	II2G	Ex d IIC Gb / Ex e IIC Gb
	Dusts	Zone	21-22	II2D	Ex tb IIC Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-40°C	+100°C
	Extended	-60°C	+180°C

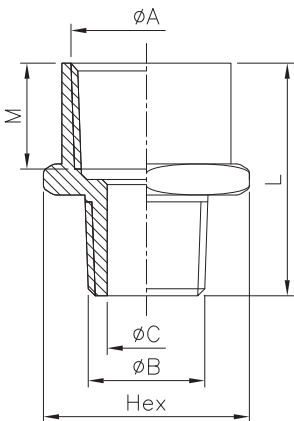


Entries Threading	NPT ANSI B1.20 or Metric ISO 262
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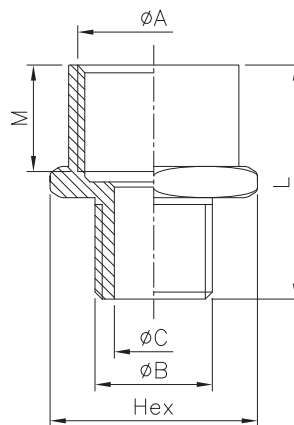
Material	Nickel plated Brass
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Standards and Certificates	Directive 2014/34/EU (ATEX) EN 60079 - 0 • EN 60079 - 1 EN 60079 - 7 • EN 60079 - 31 CE INERIS 14 ATEX 0029X IECEx IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 7 • IEC 60079 - 31 IECEx INE 14.0038X
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- Options**
- Material: Stainless Steel AISI 316L ("S") on request.
 - Sizes greater than 3".
 - Different threadings.



Code	ØA [NPT]	ØB [NPT]	Dimensions (mm)				Weight (g)		ØB (MALE) [NPT]								
			ØC	L	M	Hex			3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	
REB 138	1/2"	3/8"	10	38	18	24	60	ØA (FEMALE) [NPT]	1/2"	■	X	X	X	X	X	X	X
REB 21	3/4"	1/2"	13	40	18	30	90		3/4"	□	■	X	X	X	X	X	X
REB 31	1"	1/2"	13	45	23	38	150		1"	□	■	■	X	X	X	X	X
REB 32	1"	3/4"	19	45	23	38	150		1.1/4"	□	□	□	■	X	X	X	X
REB 43	1.1/4"	1"	25	50	23	48	240		1.1/2"	□	□	□	□	■	X	X	X
REB 54	1.1/2"	1.1/4"	32	50	23	52	260		2"	□	□	□	□	□	■	X	X
REB 65	2"	1.1/2"	38	50	23	64	330		2.1/2"	□	□	□	□	□	□	□	X
REB 76	2.1/2"	2"	50	60	31	78	620		3"	□	□	□	□	□	□	□	□
REB 87	3"	2.1/2"	60	67	31	94	920		■ = available □ = available on request X = not available								



Code	ØA [ISO]	ØB [ISO]	Dimensions (mm)				Weight (g)		ØB (MALE) [ISO]								
			ØC	L	M	Hex			M16	M20	M25	M32	M40	M50	M63	M75	
REB 2016	M20x1,5	M16x1,5	10	38	17	27	75		ØA (FEMALE) [ISO]	M20	■	X	X	X	X	X	X
REB 2520	M25x1,5	M20x1,5	13	38	17	30	80	M25		□	■	X	X	X	X	X	X
REB 3220	M32x1,5	M20x1,5	13	38	17	38	120	M32		□	■	■	X	X	X	X	X
REB 3225	M32x1,5	M25x1,5	19	38	17	38	120	M40		□	□	□	■	X	X	X	X
REB 4032	M40x1,5	M32x1,5	25	40	19	46	160	M50		□	□	□	□	■	X	X	X
REB 5040	M50x1,5	M32x1,5	32	42	19	56	230	M63		□	□	□	□	□	■	X	X
REB 6350	M63x1,5	M40x1,5	42	42	19	70	320	M75		□	□	□	□	□	□	□	X
REB 7563	M75x1,5	M50x1,5	55	44	21	82	410	M90		□	□	□	□	□	□	□	□
REB 9075	M90x1,5	M63x1,5	65	46	21	98	600	■ = available □ = available on request X = not available									

- NOTES**
- Extended operating temperature range is -40°C ÷ +100°C with EPDM O-ring.
 - Extended operating temperature range is -60°C ÷ +180°C with Silicone O-ring.
 - The fitting may be mounted on electrical equipment suitable for group IM2 (firedamp mines) if it is not made of Aluminum light alloy. The resulting mode of protection will be: Ex d I Mb.

Example: REB32S

Order Coding	Type	Size and Threading (Female)	Size and Threading (Male)	Material
	REB	1/2/3/4/5/6 = NPT ANSI B1.20 20/25/32/40/50/63/75/90 = Metric ISO 262	38/1/2/3/4/5 = NPT ANSI B1.20 16/20/25/32/40/50/63/75 = Metric ISO 262	B = Nickel plated Brass S = Stainless Steel AISI 316L

ADAPTERS

series
REB

Protection	Gas	Zone	1-2	II2G	Ex d IIC Gb / Ex e IIC Gb
	Dusts	Zone	21-22	II2D	Ex tb IIC Db

Degree of Protection	IP66
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Amb. Temp.	Standard	-40°C	+100°C
	Extended	-60°C	+180°C



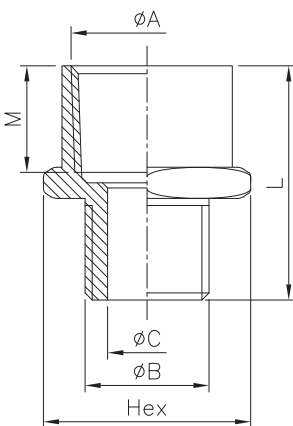
Entries Threading	NPT ANSI B1.20 or Metric ISO 262
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Material	Nickel plated Brass
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Standards and Certificates	Directive 2014/34/EU (ATEX) EN 60079 - 0 • EN 60079 - 1 EN 60079 - 7 • EN 60079 - 31 CE INERIS 14 ATEX 0029X IEC 60079 - 0 • IEC 60079 - 1 IEC 60079 - 7 • IEC 60079 - 31 IECEx INE 14.0038X
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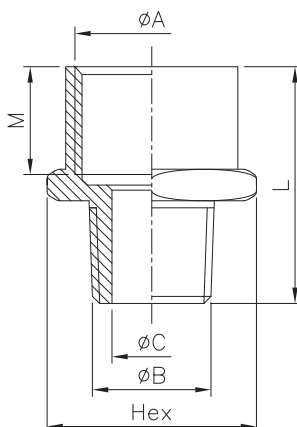
Options

- Material: Stainless Steel AISI 316L ("S") on request.
- Sizes greater than 3".
- Different threadings.



Code	ØA [NPT]	ØB [ISO]	Dimensions (mm)				Weight (g)	ØA (FEMALE) [NPT]	ØB (MALE) [ISO]							
			ØC	L	M	Hex			M16	M20	M25	M32	M40	M50	M63	M75
REB 38N16M	3/8"	M16x1,5	10	37	16	24	68	3/8"	■	x	x	x	x	x	x	x
REB 1N20M	1/2"	M20x1,5	13	39	18	27	80	1/2"	□	■	x	x	x	x	x	x
REB 2N20M	3/4"	M20x1,5	13	39	18	30	80	3/4"	□	■	■	x	x	x	x	x
REB 3N20M	1"	M20x1,5	13	44	23	38	150	1"	□	■	■	■	x	x	x	x
REB 2N25M	3/4"	M25x1,5	19	39	18	30	80	1.1/4"	□	□	□	□	■	x	x	x
REB 3N25M	1"	M25x1,5	19	44	23	38	150	1.1/2"	□	□	□	□	□	■	x	x
REB 3N32M	1"	M32x1,5	25	44	23	38	150	2"	□	□	□	□	□	□	■	x
REB 4N40M	1.1/4"	M40x1,5	32	46	23	48	240	2.1/2"	□	□	□	□	□	□	□	□
REB 5N50M	1.1/2"	M50x1,5	38	46	23	56	360	3"	□	□	□	□	□	□	□	□
REB 6N63M	2"	M63x1,5	50	46	23	70	520									
REB 7N75M	2.1/2"	M75x1,5	60	56	31	82	830									

■ = available □ = available on request X = not available



Code	ØA [ISO]	ØB [NPT]	Dimensions (mm)				Weight (g)	ØA (FEMALE) [ISO]	ØB (MALE) [NPT]							
			ØC	L	M	Hex			3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"
REB 16M38N	M16x1,5	3/8"	10	38	17	22	58	M16	■	x	x	x	x	x	x	x
REB 20M1N	M20x1,5	1/2"	13	40	17	27	80	M20	□	■	x	x	x	x	x	x
REB 25M1N	M25x1,5	1/2"	13	40	17	30	80	M25	□	■	■	x	x	x	x	x
REB 32M1N	M32x1,5	1/2"	13	40	17	38	120	M32	□	■	■	■	x	x	x	x
REB 25M2N	M25x1,5	3/4"	19	40	17	30	90	M40	□	□	□	□	■	x	x	x
REB 32M2N	M32x1,5	3/4"	19	40	17	38	130	M50	□	□	□	□	□	■	x	x
REB 32M3N	M32x1,5	1"	25	45	17	38	150	M63	□	□	□	□	□	□	■	x
REB 40M4N	M40x1,5	1.1/4"	32	47	19	46	220	M75	□	□	□	□	□	□	□	□
REB 50M5N	M50x1,5	1.1/2"	38	47	19	56	270	M90	□	□	□	□	□	□	□	□
REB 63M6N	M63x1,5	2"	50	47	19	70	370									
REB 75M7N	M75x1,5	2.1/2"	60	56	21	82	600									

■ = available □ = available on request X = not available

NOTES

- Extended operating temperature range is -40°C ÷ +100°C with EPDM O-ring.
- Extended operating temperature range is -60°C ÷ +180°C with Silicone O-ring.
- The fitting may be mounted on electrical equipment suitable for group IM2 (firedamp mines) if it is not made of Aluminum light alloy. The resulting mode of protection will be: Ex d I Mb.

Example: REB32M2NB

Order Coding

Type	Size and Threading (Female)	Threading Identification (Female)	Size and Threading (Male)	Threading Identification (Male)	Material
REB	38/1/2/3/4/5/6/7/8 = NPT ANSI B1.20	N = NPT ANSI B1.20	16/20/25/32/40/50/63/75/90 = Metric ISO 262	M = Metric ISO 262	B = Nickel plated Brass
	16/20/25/32/40/50/63/75/90 = Metric ISO 262	M = Metric ISO 262	38/1/2/3/4/5/6/7/8 = NPT ANSI B1.20	N = NPT ANSI B1.20	S = Stainless Steel AISI 316L