

Adaptors Made of Metal Series 8293

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14494E00

- > Numerous versions
 - Enlargement
 - Reducer
 - Adaptors
- > Degree of protection IP66



The adaptors of Series 8293 are suitable for adapting different thread types and different thread sizes. They have been manufactured in impact-resistant design according to IEC/EN 60079-0 and IEC/EN60079-1.

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in		x	x		x	x

E10

WebCode 8293A

Adaptors Made of Metal

Series 8293

Explosion Protection

Global (IECEX)

Gas and dust	IECEX SIR 10.0160 X Ex d IIC Ex e II Ex tD A21 IP6X
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Europe (ATEX)

Gas and dust	Sira 10 ATEX 1313 X ⊕ II 2 G Ex d IIC ⊕ II 2 G Ex e II ⊕ II 2 D Ex tD A21 IP6X
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Certifications and certificates

Certificates	IECEX, ATEX, Russia (GOST R), Belarus (operating licence)
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Technical Data

Ambient conditions

Operation temperature	-60 ... +200 °C
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Mechanical data


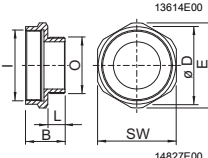

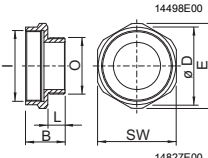

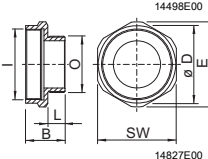
Degree of protection	IP66
Material	Brass, nickel-plated brass, stainless steel (316L)

Adaptors Made of Metal

Series 8293




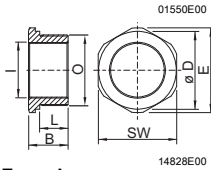

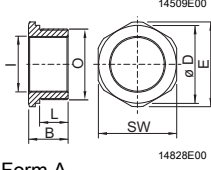
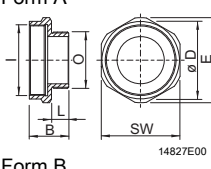


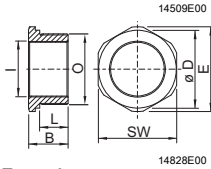
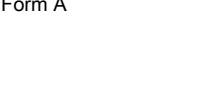
Selection Table

Version	Male thread O	Female thread I	Dimensions [mm]						Type	Order number	Weight kg
			D	L	B	A/F	E				
Extension metric / metric brass  	M16 x 1.5	M20 x 1.5	24	15	35	24	26	Form B	8293/11-BS-OM16x1,5-IM20x1,5	0.050	
	M20 x 1.5	M25 x 1.5	29	15	35	30	32	Form B	8293/11-BS-OM20x1,5-IM25x1,5	0.075	
	M25 x 1.5	M32 x 1.5	36	15	35	36	39	Form B	8293/11-BS-OM25x1,5-IM32x1,5	0.075	
	M32 x 1.5	M40 x 1.5	45	15	35	46	50	Form B	8293/11-BS-OM32x1,5-IM40x1,5	0.100	
	M40 x 1.5	M50 x 1.5	55	15	35	55	59	Form B	8293/11-BS-OM40x1,5-IM50x1,5	0.150	
	M50 x 1.5	M63 x 1.5	69	15	35	70	78	Form B	8293/11-BS-OM50x1,5-IM63x1,5	0.175	
Form B	M63 x 1.5	M75 x 1.5	79	15	35	79	85	Form B	8293/11-BS-OM63x1,5-IM75x1,5	0.250	
Extension metric / metric nickel-plated brass  	M16 x 1.5	M20 x 1.5	25	15	35	24	26	Form B	8293/11-BN-OM16x1,5-IM20x1,5	0.050	
	M20 x 1.5	M25 x 1.5	29	15	35	30	32	Form B	8293/11-BN-OM20x1,5-IM25x1,5	0.075	
	M25 x 1.5	M32 x 1.5	36	15	35	36	39	Form B	8293/11-BN-OM25x1,5-IM32x1,5	0.075	
	M32 x 1.5	M40 x 1.5	45	15	35	46	50	Form B	8293/11-BN-OM32x1,5-IM40x1,5	0.100	
	M40 x 1.5	M50 x 1.5	55	15	35	55	59	Form B	8293/11-BN-OM40x1,5-IM50x1,5	0.150	
	M50 x 1.5	M63 x 1.5	69	15	35	70	78	Form B	8293/11-BN-OM50x1,5-IM63x1,5	0.175	
Form B	M63 x 1.5	M75 x 1.5	79	15	35	79	52	Form B	8293/11-BN-OM63x1,5-IM75x1,5	0.250	
Extension metric / metric stainless steel  	M16 x 1.5	M20 x 1.5	24	15	35	24	26	Form B	8293/11-SS-OM16x1,5-IM20x1,5	0.050	
	M20 x 1.5	M25 x 1.5	29	15	35	30	32	Form B	8293/11-SS-OM20x1,5-IM25x1,5	0.075	
	M25 x 1.5	M32 x 1.5	36	15	35	36	39	Form B	8293/11-SS-OM25x1,5-IM32x1,5	0.075	
	M32 x 1.5	M40 x 1.5	45	15	35	46	50	Form B	8293/11-SS-OM32x1,5-IM40x1,5	0.100	
	M40 x 1.5	M50 x 1.5	55	15	35	55	59	Form B	8293/11-SS-OM40x1,5-IM50x1,5	0.150	
	M50 x 1.5	M63 x 1.5	69	15	35	70	76	Form B	8293/11-SS-OM50x1,5-IM63x1,5	0.175	
Form B	M63 x 1.5	M75 x 1.5	79	15	35	79	85	Form B	8293/11-SS-OM63x1,5-IM75x1,5	0.250	

Adaptors Made of Metal

Series 8293

Selection Table


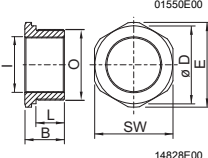
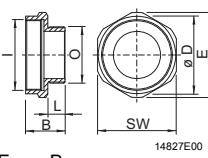

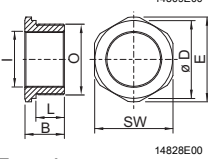
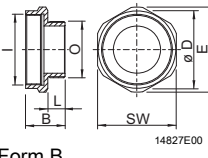

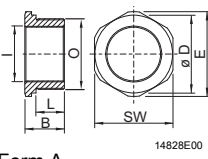
Version	Male thread O	Female thread I	Dimensions [mm]					Type	Order number	Weight kg
			D	L	B	A/F	E			
Reduction metric / metric brass  	M20 x 1.5	M16 x 1.5	24	15	24	24	26	Form A	8293/11-BS-OM20x1,5-IM16x1,5	0.075
	M25 x 1.5	M20 x 1.5	30	15	24	30	32	Form A	8293/11-BS-OM25x1,5-IM20x1,5	0.075
	M32 x 1.5	M25 x 1.5	36	15	24	36	39	Form A	8293/11-BS-OM32x1,5-IM25x1,5	0.100
	M40 x 1.5	M32 x 1.5	46	15	24	46	50	Form A	8293/11-BS-OM40x1,5-IM32x1,5	0.150
	M50 x 1.5	M32 x 1.5	55	15	24	55	59	Form A	8293/11-BS-OM50x1,5-IM32x1,5	0.175
	M50 x 1.5	M40 x 1.5	55	15	24	55	59	Form A	8293/11-BS-OM50x1,5-IM40x1,5	0.175
M63 x 1.5	M32 x 1.5	70	15	25	70	76	Form A	8293/11-BS-OM63x1,5-IM32x1,5	0.250	
Form A Reduction metric / metric nickel-plated brass   Form A  Form B 	M20 x 1.5	M16 x 1.5	24	15	24	24	26	Form A	8293/11-BN-OM20x1,5-IM16x1,5	0.075
	M25 x 1.5	M16 x 1.5	30	15	24	30	32	Form A	8293/11-BN-OM25x1,5-IM16x1,5	0.075
	M25 x 1.5	M20 x 1.5	30	15	24	30	32	Form A	8293/11-BN-OM25x1,5-IM20x1,5	0.075
	M32 x 1.5	M20 x 1.5	36	15	24	36	39	Form A	8293/11-BN-OM32x1,5-IM20x1,5	0.100
	M32 x 1.5	M25 x 1.5	36	15	24	36	39	Form A	8293/11-BN-OM32x1,5-IM25x1,5	0.100
	M33 x 1.5	M24 x 1.5	36	15	24	36	39	Form A	8293/11-BN-OM33x1,5-IM24x1,5	0.100
	M40 x 1.5	M32 x 1.5	46	15	24	46	50	Form A	8293/11-BN-OM40x1,5-IM32x1,5	0.150
	M48 x 1.5	M42 x 1.5	55	15	35	55	59	Form B	8293/11-BN-OM48x1,5-IM42x1,5	0.175
	M50 x 1.5	M32 x 1.5	55	15	24	55	59	Form A	8293/11-BN-OM50x1,5-IM32x1,5	0.175
	M50 x 1.5	M40 x 1.5	55	15	24	55	59	Form A	8293/11-BN-OM50x1,5-IM40x1,5	0.175
	M56 x 1.5	M42 x 1.5	65	15	25	65	70	Form A	8293/11-BN-OM56x1,5-IM42x1,5	0.200
	M56 x 1.5	M48 x 1.5	65	15	25	65	70	Form A	8293/11-BN-OM56x1,5-IM48x1,5	0.200
	M63 x 1.5	M32 x 1.5	70	15	25	70	76	Form A	8293/11-BN-OM63x1,5-IM32x1,5	0.250
	M63 x 1.5	M40 x 1.5	70	15	25	70	76	Form A	8293/11-BN-OM63x1,5-IM40x1,5	0.250
	M63 x 1.5	M50 x 1.5	70	15	25	70	76	Form A	8293/11-BN-OM63x1,5-IM50x1,5	0.250
M75 x 1.5	M63 x 1.5	79	15	25	79	85	Form A	8293/11-BN-OM75x1,5-IM63x1,5	0.300	
M90 x 1.5	M75 x 1.5	100	20	30	100	108	Form A	8293/11-BN-OM90x1,5-IM75x1,5	0.350	
Reduction metric / metric stainless steel   Form A 	M20 x 1.5	M16 x 1.5	24	15	24	24	26	Form A	8293/11-SS-OM20x1,5-IM16x1,5	0.075
	M25 x 1.5	M20 x 1.5	30	15	24	30	32	Form A	8293/11-SS-OM25x1,5-IM20x1,5	0.075
	M32 x 1.5	M25 x 1.5	36	15	24	36	39	Form A	8293/11-SS-OM32x1,5-IM25x1,5	0.100
	M40 x 1.5	M32 x 1.5	46	15	24	46	50	Form A	8293/11-SS-OM40x1,5-IM32x1,5	0.120
	M50 x 1.5	M32 x 1.5	55	15	24	55	59	Form A	8293/11-SS-OM50x1,5-IM32x1,5	0.175
	M50 x 1.5	M40 x 1.5	55	15	24	55	59	Form A	8293/11-SS-OM50x1,5-IM40x1,5	0.175
	M63 x 1.5	M32 x 1.5	70	15	25	70	76	Form A	8293/11-SS-OM63x1,5-IM32x1,5	0.250
	M63 x 1.5	M40 x 1.5	70	15	25	70	76	Form A	8293/11-SS-OM63x1,5-IM40x1,5	0.250
	M63 x 1.5	M50 x 1.5	70	15	25	70	76	Form A	8293/11-SS-OM63x1,5-IM50x1,5	0.250
	M75 x 1.5	M63 x 1.5	79	15	25	79	85	Form A	8293/11-SS-OM75x1,5-IM63x1,5	0.300
M90 x 1.5	M75 x 1.5	100	20	30	100	108	Form A	8293/11-SS-OM90x1,5-IM75x1,5	0.350	

Adaptors Made of Metal

Series 8293



Selection Table


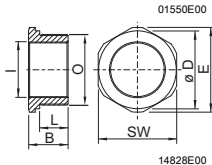

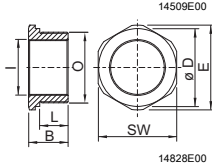
Version	Male thread O	Female thread I	Dimensions [mm]					Type	Order number	Weight kg
			D	L	B	A/F	E			
Adaptor metric / NPT brass   Form A  Form B	M20 x 1.5	3/8" NPT	24	15	24	24	26	Form A	8293/11-BS-OM20x1,5-I3/8"NPT	0.075
	M25 x 1.5	1/2" NPT	30	15	24	30	32	Form A	8293/11-BS-OM25x1,5-I1/2"NPT	0.075
	M25 x 1.5	3/4" NPT	30	15	35	30	32	Form B	8293/11-BS-OM25x1,5-I3/4"NPT	0.075
	M32 x 1.5	3/4" NPT	36	15	24	36	39	Form A	8293/11-BS-OM32x1,5-I3/4"NPT	0.100
	M40 x 1.5	1" NPT	46	15	24	46	50	Form A	8293/11-BS-OM40x1,5-I1"NPT	0.150
	M50 x 1.5	1 1/4" NPT	55	15	25	55	59	Form A	8293/11-BS-OM50x1,5-I1 1/4"NPT	0.175
	M63 x 1.5	1 1/2" NPT	70	15	25	70	76	Form A	8293/11-BS-OM63x1,5-I1 1/2"NPT	0.250
	M75 x 1.5	2" NPT	80	15	25	80	86	Form A	8293/11-BS-OM75x1,5-I2"NPT	0.300
	M90 x 1.5	2" NPT	100	15	25	100	108	Form A	8293/11-BS-OM90x1,5-I2"NPT	0.350
	M100 x 2	3" NPT	109	20	30	110	119	Form A	8293/11-BS-OM100x2-I3"NPT	0.400
Adaptor metric / NPT nickel-plated brass   Form A  Form B	M20 x 1.5	3/8" NPT	24	15	24	24	26	Form A	8293/11-BN-OM20x1,5-I3/8"NPT	0.075
	M25 x 1.5	1/2" NPT	30	15	24	30	32	Form A	8293/11-BN-OM25x1,5-I1/2"NPT	0.075
	M25 x 1.5	3/4" NPT	30	15	35	30	32	Form B	8293/11-BN-OM25x1,5-I3/4"NPT	0.075
	M32 x 1.5	3/4" NPT	36	15	24	36	39	Form A	8293/11-BN-OM32x1,5-I3/4"NPT	0.100
	M40 x 1.5	1" NPT	46	15	24	46	50	Form A	8293/11-BN-OM40x1,5-I1"NPT	0.150
	M50 x 1.5	1 1/4" NPT	55	15	25	55	59	Form A	8293/11-BN-OM50x1,5-I1 1/4"NPT	0.175
	M63 x 1.5	1 1/2" NPT	70	15	25	70	76	Form A	8293/11-BN-OM63x1,5-I1 1/2"NPT	0.250
	M75 x 1.5	2" NPT	80	15	25	80	86	Form A	8293/11-BN-OM75x1,5-I2"NPT	0.300
	M90 x 2	1 1/2" NPT	100	16	30	100	108	Form A	8293/11-BN-OM90x2-I1 1/2"NPT	0.350
	M100 x 2	3" NPT	109	20	30	110	119	Form A	8293/11-BN-OM100x2-I3"NPT	0.400
Adaptor metric / NPT stainless steel   Form A	M20 x 1.5	3/8" NPT	24	15	24	24	26	Form A	8293/11-SS-OM20x1,5-I3/8"NPT	0.075
	M25 x 1.5	1/2" NPT	29	15	24	30	32	Form A	8293/11-SS-OM25x1,5-I1/2"NPT	0.075
	M32 x 1.5	3/4" NPT	36	15	24	36	39	Form A	8293/11-SS-OM32x1,5-I3/4"NPT	0.100
	M40 x 1.5	1" NPT	46	15	24	46	50	Form A	8293/11-SS-OM40x1,5-I1"NPT	0.150
	M50 x 1.5	1 1/4" NPT	55	15	25	55	59	Form A	8293/11-SS-OM50x1,5-I1 1/4"NPT	0.175
	M63 x 1.5	1 1/2" NPT	70	15	25	70	76	Form A	8293/11-SS-OM63x1,5-I1 1/2"NPT	0.250
	M75 x 1.5	2" NPT	80	15	25	80	86	Form A	8293/11-SS-OM75x1,5-I2"NPT	0.300

E10

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Series 8293

Selection Table

Version	Male thread O	Female thread I	Dimensions [mm]					Type	Order number	Weight kg
			D	L	B	A/F	E			
Adaptor NPT / metric brass   Form A	3/8" NPT	M10 x 1.5	24	15	24	24	26	Form A	8293/11-BS-OM3/8"NPTxM10x1,5	0.150
	1/2" NPT	M10 x 1.5	24	20	29	24	26	Form A	8293/11-BS-OM1/2"NPTxM10x1,5	0.100
	3/4" NPT	M16 x 1.5	30	20	30	30	32	Form A	8293/11-BS-OM3/4"NPTxM16x1,5	0.125
	3/4" NPT	M20 x 1.5	30	20	30	30	32	Form A	8293/11-BS-OM3/4"NPTxM20x1,5	0.125
	1" NPT	M20 x 1.5	36	25	34	36	39	Form A	8293/11-BS-OM1"NPTxM20x1,5	0.150
	1" NPT	M25 x 1.5	36	25	34	36	39	Form A	8293/11-BS-OM1"NPTxM25x1,5	0.150
	1 1/4" NPT	M32 x 1.5	46	26	36	46	50	Form A	8293/11-BS-OM1 1/4"NPTxM32x1,5	0.150
	1 1/2" NPT	M32 x 1.5	50	26	35	50	54	Form A	8293/11-BS-O1 1/2"NPTxM32x1,5	0.150
	2" NPT	M50 x 1.5	65	27	36	65	70	Form A	8293/11-BS-OM2"NPTxM50x1,5	0.200
	Adaptor NPT / metric nickel-plated brass   Form A	3/8" NPT	M10 x 1.5	24	15	24	24	26	Form A	8293/11-BN-OM3/8"NPTxM10x1,5
1/2" NPT		M10 x 1.5	24	20	29	24	26	Form A	8293/11-BN-OM1/2"NPTxM10x1,5	0.100
3/4" NPT		M16 x 1.5	30	21	30	30	32	Form A	8293/11-BN-OM3/4"NPTxM16x1,5	0.125
3/4" NPT		M20 x 1.5	30	21	30	30	32	Form A	8293/11-BN-OM3/4"NPTxM20x1,5	0.125
1" NPT		M20 x 1.5	36	25	34	36	39	Form A	8293/11-BN-OM1"NPTxM20x1,5	0.150
1" NPT		M25 x 1.5	36	25	34	36	39	Form A	8293/11-BN-OM1"NPTxM25x1,5	0.150
1 1/4" NPT		M32 x 1.5	46	26	36	46	50	Form A	8293/11-BN-OM1 1/4"NPTxM32x1,5	0.150
1 1/2" NPT		M32 x 1.5	50	26	35	50	54	Form A	8293/11-BN-OM1 1/2"NPTxM32x1,5	0.150
2" NPT		M50 x 1.5	65	27	36	65	70	Form A	8293/11-BN-OM2"NPTxM50x1,5	0.200

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.