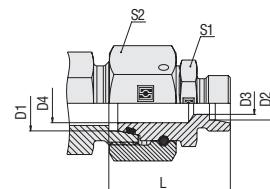
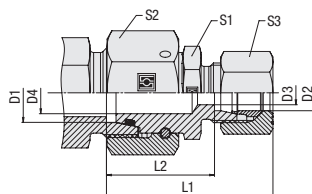


Straight Reducer for Tube Ends with 24° Taper / O-Ring Type FI-REDSO • Series L



Ordering Codes

FI-REDSO-10/*08*L*-V*-W3*-DKO*-MS

* Straight Reducer for Tube Ends with 24° Taper / O-Ring (DKO) **FI-REDSO**

* Outside Tube Diameter D1 (in mm) **-10**

* Outside Tube Diameter D2 (in mm) **08**

* Series Light Series (pages 144/145) **L**
Heavy Series (pages 146/147) **S**

* Seal Material FKM (Viton®) **-V**

* Material Code Steel, zinc/nickel-plated **-W3**

Please contact STAUFF for alternative materials and surface finishings.

* Assembling / Kitting Fitting body supplied with swivel nut and O-ring **-DKO**

Fitting body supplied with cutting ring and union nut **-MS**

Fitting body supplied with soft-sealing cutting ring and union nut **-MSV**

Connecting Parts



Cutting Ring
Type **FI-DS** Page 28



Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29



Support Sleeve
Type **FI-VH** Page 31



STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32



Union Nut
Type **FI-M** Page 33



37° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories



O-Ring
Type **O-RING** Page 239

Series	Tube OD mm		PN bar	Dimensions mm						Weight kg ca. per 100	Ordering Codes ³			
	D1	D2		D3	D4	L	L1 ¹	L2	S1			S2	S3	
L	8	6	500	4	4	30,5	38,5	23,5	12	17	14	3,01	FI-REDSO-08/06L-V-W3-DKO	
	10	6	500	4	4	32	40	25	14	19	14	3,80	FI-REDSO-10/06L-V-W3-DKO	
	10	8	500	6	6	32	40	25	14	19	17	3,99	FI-REDSO-10/08L-V-W3-DKO	
	10	12	400	10	6,5	34	45	27	19	19	22	5,01	FI-REDSO-10/12L-V-W3-DKO	
	12	6	400	4	4	32	40	25	17	22	14	5,69	FI-REDSO-12/06L-V-W3-DKO	
	12	8	400	6	6	32	40	25	17	22	17	5,53	FI-REDSO-12/08L-V-W3-DKO	
	12	10	400	8	8	33	41	26	17	22	19	5,33	FI-REDSO-12/10L-V-W3-DKO	
	12	15	400	12	8	34,5	44	27,5	24	22	27	7,16	FI-REDSO-12/15L-V-W3-DKO	
	15	6	400	4	11	35,5	43,5	28,5	22	27	14	8,83	FI-REDSO-15/06L-V-W3-DKO	
	15	8	400	6	11	35,5	44	28,5	22	27	17	9,08	FI-REDSO-15/08L-V-W3-DKO	
	15	10	400	8	8	36,5	44,5	29,5	22	27	19	9,61	FI-REDSO-15/10L-V-W3-DKO	
	15	12	400	10	10	36,5	44,5	29,5	22	27	22	9,25	FI-REDSO-15/12L-V-W3-DKO	
	18	6	400	4	13	35	43	28	24	32	14	11,07	FI-REDSO-18/06L-V-W3-DKO	
	18	8	400	6	13	35	43	28	24	32	17	7,57	FI-REDSO-18/08L-V-W3-DKO	
	18	10	400	8	8	36	44	29	24	32	19	12,64	FI-REDSO-18/10L-V-W3-DKO	
	18	12	400	10	10	36	44	29	24	32	22	12,24	FI-REDSO-18/12L-V-W3-DKO	
	18	15	400	12	12	37	45	30	24	32	27	12,27	FI-REDSO-18/15L-V-W3-DKO	
	22	6	250	4	17	39	47	32	27	36	14	16,34	FI-REDSO-22/06L-V-W3-DKO	
	22	8	250	6	17	39	48	32	27	36	17	16,27	FI-REDSO-22/08L-V-W3-DKO	
	22	10	250	8	17	40	49	33	27	36	19	16,33	FI-REDSO-22/10L-V-W3-DKO	
	22	12	250	10	17	40	49	33	27	36	22	16,30	FI-REDSO-22/12L-V-W3-DKO	
	22	15	250	12	12	41	50	34	27	36	27	19,01	FI-REDSO-22/15L-V-W3-DKO	
	22	18	250	15	15	41	50	33,5	27	36	32	18,13	FI-REDSO-22/18L-V-W3-DKO	
	L / S	22	20	250	16	16	47,5	60	37	36	32	36	22,22	FI-REDSO-22L/20S-V-W3-DKO
		28	6	250	4	23	41	49	34	36	41	14	22,90	FI-REDSO-28/06L-V-W3-DKO
		28	8	250	6	23	41	50	34	36	41	17	20,95	FI-REDSO-28/08L-V-W3-DKO
		28	10	250	8	23	42	51	35	36	41	19	21,74	FI-REDSO-28/10L-V-W3-DKO
		28	12	250	10	23	42	51	35	36	41	22	10,22	FI-REDSO-28/12L-V-W3-DKO
28		15	250	12	23	43	52	36	36	41	27	18,85	FI-REDSO-28/15L-V-W3-DKO	
28		18	250	15	23	43	52	35,5	36	41	32	22,50	FI-REDSO-28/18L-V-W3-DKO	
28		22	250	19	23	45	54	37,5	36	41	36	22,80	FI-REDSO-28/22L-V-W3-DKO	

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is FKM (Viton®).



Ordering Codes

* Straight Reducer for Tube Ends with 24° Taper / O-Ring (DKO)

* Outside Tube Diameter D1 (in mm) -10

* Outside Tube Diameter D2 (in mm) 08

* Series	Light Series (pages 144/145)	L
	Heavy Series (pages 146/147)	S

* Seal Material	FKM (Viton®)	-V
-----------------	--------------	----

* Material Code Steel, zinc/nickel-plated -W3

Please contact STAUFF for alternative materials and surface finishings.

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Fitting body supplied with
cutting ring and union nut **-MS**

Fitting body supplied with
soft-sealing cutting ring
and union nut **-MSV**

¹ Approximate dimension in assembled condition.

²Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is FKM (Viton®).

Connecting Parts

Cutting Ring
Type **FI-DS** Page 28Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29Support Sleeve
Type **FI-VH** Page 31

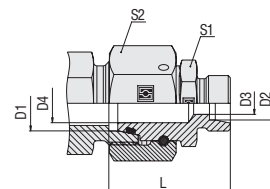
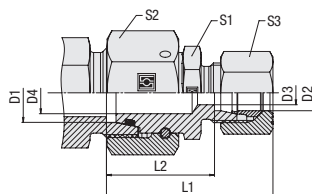
STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32

Union Nut
Type **FI-M** Page 3337° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories

O-Ring
Type **O-RING** Page 239

Straight Reducer for Tube Ends with 24° Taper / O-Ring Type FI-REDSO • Series S



Ordering Codes

***FI-REDSO*-10/*08*S*-V*-W3*-DKO*-MS**

* Straight Reducer for Tube Ends
with 24° Taper / O-Ring (DKO)

FI-REDSO

* Outside Tube Diameter D1 (in mm)

-10

* Outside Tube Diameter D2 (in mm)

08

* Series

Light Series (pages 144/145)

L

Heavy Series (pages 146/147)

S

* Seal Material

FKM (Viton®)

-V

* Material Code

Steel, zinc/nickel-plated

-W3

Please contact STAUFF for alternative
materials and surface finishings.

* Assembling / Kitting

Fitting body supplied with
swivel nut and O-ring

-DKO

Fitting body supplied with
cutting ring and union nut

-MS

Fitting body supplied with
soft-sealing cutting ring
and union nut

-MSV

Series	Tube OD mm		PN bar	Dimensions mm								Weight kg ca. per 100	Ordering Codes ³
	D1	D2		D3	D4	L	L1 ¹	L2	S1	S2	S3		
S	8	6	800	4	4	34	42	27	14	19	17	4,46	FI-REDSO-08/06S-V-W3-DKO
	10	6	800	4	4	34,5	42,5	27,5	17	22	17	5,93	FI-REDSO-10/06S-V-W3-DKO
	10	8	800	5	5	34,5	42,5	27,5	17	22	19	6,07	FI-REDSO-10/08S-V-W3-DKO
	12	6	630	4	4	37	48	30	19	24	17	7,96	FI-REDSO-12/06S-V-W3-DKO
	12	8	630	5	5	37	48	30	19	24	19	8,04	FI-REDSO-12/08S-V-W3-DKO
	12	10	630	7	7	37	48	29,5	19	24	22	7,90	FI-REDSO-12/10S-V-W3-DKO
	14	6	630	4	4	38,5	47	31,5	22	27	17	10,46	FI-REDSO-14/06S-V-W3-DKO
	14	8	630	5	5	38,5	47	31,5	22	27	19	10,53	FI-REDSO-14/08S-V-W3-DKO
	14	10	630	7	7	37,5	47	30	22	27	22	10,12	FI-REDSO-14/10S-V-W3-DKO
	14	12	630	8	8	38,5	49	31	22	27	24	10,44	FI-REDSO-14/12S-V-W3-DKO
	16	6	630	4	11	39	49	32	22	30	17	10,79	FI-REDSO-16/06S-V-W3-DKO
	16	8	630	5	11	39	49	31,5	22	30	19	11,04	FI-REDSO-16/08S-V-W3-DKO
	16	10	630	7	7	39	49	31,5	22	30	22	7,67	FI-REDSO-16/10S-V-W3-DKO
	16	12	630	8	8	39	49	31,5	22	30	24	12,07	FI-REDSO-16/12S-V-W3-DKO
	16	14	630	10	10	41	52	33	24	30	27	12,64	FI-REDSO-16/14S-V-W3-DKO
S / L	16	15	400	11	11	39	48	31,5	24	30	27	11,66	FI-REDSO-16S/15L-V-W3-DKO
	20	6	420	4	14	43	54	36	27	36	17	17,16	FI-REDSO-20/06S-V-W3-DKO
	20	8	420	5	14	43	54	36	27	36	19	17,61	FI-REDSO-20/08S-V-W3-DKO
	20	10	420	7	14	43	54	35,5	27	36	22	17,49	FI-REDSO-20/10S-V-W3-DKO
S / L	20	12	420	8	14	43	54	35,5	27	36	24	17,76	FI-REDSO-20/12S-V-W3-DKO
	20	14	420	10	14	45	56,5	37	27	36	27	19,83	FI-REDSO-20/14S-V-W3-DKO
	20	15	400	12	12	43	52,5	35,5	27	36	30	18,38	FI-REDSO-20S/15L-V-W3-DKO
	20	16	420	12	12	45	56	36,5	27	36	30	19,34	FI-REDSO-20/16S-V-W3-DKO
S / L	20	18	400	14	14	43	53	35,5	27	36	32	18,10	FI-REDSO-20S/18L-V-W3-DKO

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is FKM (Viton®).

Connecting Parts



Cutting Ring
Type **FI-DS**

Page 28



Soft-Sealing Cutting Ring
Type **FI-WDDS**

Page 29



Support Sleeve
Type **FI-VH**

Page 31



STAUFF Form EVO Sealing Ring
Type **FI-FD**

Page 32



Union Nut
Type **FI-M**

Page 33



37° Flared Tube Fitting Set
Type **FI-AB**

Page 37

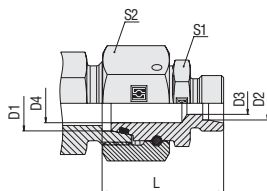
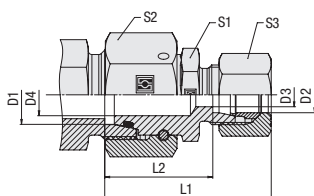
Spare Parts / Accessories



O-Ring
Type **O-RING**

Page 239

Straight Reducer for Tube Ends with 24° Taper / O-Ring Type FI-REDSO - Series S



Series	Tube OD mm	PN bar	Dimensions mm					Weight kg ca. per 100					Ordering Codes ³
	D1	D2	D3	D4	L	L ¹	L2	S1	S2	S3			
S	25	6	420	4	18	45,5	57,5	38,5	36	46	17	29,87	FI-REDSO-25/06S-V-W3-DKO
	25	8	420	5	18	45,5	57,5	38,5	36	46	19	30,39	FI-REDSO-25/08S-V-W3-DKO
	25	10	420	7	18	45,5	57,5	38,5	36	46	22	16,95	FI-REDSO-25/10S-V-W3-DKO
	25	12	420	8	18	45,5	57,5	38,5	36	46	24	30,41	FI-REDSO-25/12S-V-W3-DKO
	25	14	420	10	18	47,5	59	39,5	36	46	27	30,95	FI-REDSO-25/14S-V-W3-DKO
S / L	25	16	420	12	18	47,5	59,5	39	36	46	30	30,29	FI-REDSO-25/16S-V-W3-DKO
	25	18	400	15	18	45,5	55,5	38	36	46	32	30,54	FI-REDSO-25S/18L-V-W3-DKO
	25	20	420	16	16	49,5	61,5	39	36	46	36	32,97	FI-REDSO-25/20S-V-W3-DKO
	30	6	420	4	22	51	64	44	41	50	17	37,93	FI-REDSO-30/06S-V-W3-DKO
	30	8	420	5	22	51	64	44	41	50	19	31,17	FI-REDSO-30/08S-V-W3-DKO
	30	10	420	7	22	51	64	43,5	41	50	22	38,28	FI-REDSO-30/10S-V-W3-DKO
	30	12	420	8	22	51	64	43,5	41	50	24	38,65	FI-REDSO-30/12S-V-W3-DKO
	30	14	420	10	22	53	64,5	45	41	50	27	38,88	FI-REDSO-30/14S-V-W3-DKO
	30	16	420	12	22	53	66	44,5	41	50	30	38,59	FI-REDSO-30/16S-V-W3-DKO
	30	20	420	16	22	55	58	44,5	41	50	36	39,86	FI-REDSO-30/20S-V-W3-DKO
	30	25	420	20	20	57	70	45	41	50	46	42,96	FI-REDSO-30/25S-V-W3-DKO
	38	6	420	4	30	54,5	69,5	47,5	50	60	17	55,50	FI-REDSO-38/06S-V-W3-DKO
	38	8	420	5	30	54,5	69,5	47,5	50	60	19	55,50	FI-REDSO-38/08S-V-W3-DKO
	38	10	420	7	30	54,5	69,5	47	50	60	22	56,40	FI-REDSO-38/10S-V-W3-DKO
	38	12	420	8	30	54,5	69,5	47	50	60	24	55,50	FI-REDSO-38/12S-V-W3-DKO
	38	14	420	10	30	56,5	68	48,5	50	60	27	62,87	FI-REDSO-38/14S-V-W3-DKO
	38	16	420	12	30	56,5	71,5	48	50	60	30	55,80	FI-REDSO-38/16S-V-W3-DKO
	38	20	420	16	30	58,5	73,5	48	50	60	36	57,40	FI-REDSO-38/20S-V-W3-DKO
	38	25	420	20	30	60,5	75,5	48,5	50	60	46	59,30	FI-REDSO-38/25S-V-W3-DKO
	38	30	420	25	25	62,5	77,5	49	50	60	50	63,70	FI-REDSO-38/30S-V-W3-DKO

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is FKM (Viton®).

Ordering Codes

***FI-REDSO*-10/*08*S*-V*-W3*-DKO*-MS**

* Straight Reducer for Tube Ends with 24° Taper / O-Ring (DKO) **FI-REDSO**

* Outside Tube Diameter D1 (in mm) **-10**

* Outside Tube Diameter D2 (in mm) **08**

* Series Light Series (pages 144/145) **L**
Heavy Series (pages 146/147) **S**

* Seal Material FKM (Viton®) **-V**

* Material Code Steel, zinc/nickel-plated **-W3**

Please contact STAUFF for alternative materials and surface finishings.

* Assembling / Kitting Fitting body supplied with swivel nut and O-ring **-DKO**

Fitting body supplied with cutting ring and union nut **-MS**

Fitting body supplied with soft-sealing cutting ring and union nut **-MSV**

Connecting Parts


Cutting Ring
Type **FI-DS** Page 28

Soft-Sealing Cutting Ring
Type **FI-WDDS** Page 29

Support Sleeve
Type **FI-VH** Page 31

STAUFF Form EVO Sealing Ring
Type **FI-FD** Page 32

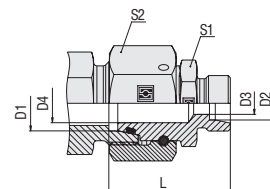
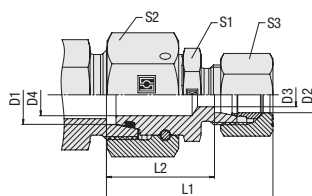
Union Nut
Type **FI-M** Page 33

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories


O-Ring
Type **O-RING** Page 239

Distance Adaptors with 24° Taper / O-Ring Type FI-REDSO • Series L / S



Ordering Codes

FI-REDSO-08*L*-V*-W3*-DKO*-MS

* Distance Adaptors with 24° Taper /
O-Ring (DKO)

FI-REDSO

* Outside Tube Diameter D1/D2 (in mm)

-08

* Series
Light Series

L

Heavy Series

S

* Seal Material
FKM (Viton®)

-V

* Material Code
Steel, zinc/nickel-plated

-W3

Please contact STAUFF for alternative
materials and surface finishings.

* Assembling / Kitting
Fitting body supplied with
swivel nut and O-ring

-DKO

Fitting body supplied with
cutting ring and union nut

-MS

Fitting body supplied with
soft-sealing cutting ring
and union nut

-MSV

Series	Tube OD mm		PN bar	Dimensions mm								Weight kg ca. per 100	Ordering Codes ³
	D1	D2		D3	D4	L	L1 ¹	L2	S1	S2	S3		
L	6	6	500	3	3	43	51	36	12	14	14	4,33	FI-RESD-06L-V-W3-DKO
	8	8	500	5	5	43	51	36	14	17	17	4,63	FI-RESD-08L-V-W3-DKO
	10	10	500	6,5	6,5	43	51	36	17	19	19	6,15	FI-RESD-10L-V-W3-DKO
	12	12	400	8	8	43	52	36	19	22	22	7,85	FI-RESD-12L-V-W3-DKO
	15	15	400	11	11	43	52	36	24	27	27	12,05	FI-RESD-15L-V-W3-DKO
	18	18	400	13	13	43,5	53	36	27	32	32	15,61	FI-RESD-18L-V-W3-DKO
	22	22	250	17	17	47,5	58,5	40	32	36	36	21,63	FI-RESD-22L-V-W3-DKO
	28	28	250	23	23	47,5	58,5	40	41	41	41	27,45	FI-RESD-28L-V-W3-DKO
	35	35	250	24	24	60,5	73,5	50	46	50	50	53,4	FI-RESD-35L-V-W3-DKO
	42	42	250	35	35	71	84,5	60	55	60	60	77,7	FI-RESD-42L-V-W3-DKO
S	6	6	800	3	3	43	51	36	14	17	17	4,91	FI-RESD-06S-V-W3-DKO
	8	8	800	4	4	43	51	36	17	19	19	6,64	FI-RESD-08S-V-W3-DKO
	10	10	800	6,5	6,5	43,5	53	36	19	22	22	8,18	FI-RESD-10S-V-W3-DKO
	12	12	630	8	8	43,5	54	36	22	24	24	10,28	FI-RESD-12S-V-W3-DKO
	14	14	630	9	9	48	59	40	24	27	27	13,75	FI-RESD-14S-V-W3-DKO
	16	16	630	11	11	48,5	60	40	27	30	30	16,53	FI-RESD-16S-V-W3-DKO
	20	20	420	14	14	56,5	69	46	32	36	36	26,97	FI-RESD-20S-V-W3-DKO
	25	25	420	18	18	62	75	50	41	46	46	46,37	FI-RESD-25S-V-W3-DKO
	30	30	420	22	22	69,5	84,5	56	46	50	50	60	FI-RESD-30S-V-W3-DKO
	38	38	420	32	32	76	93	60	55	60	60	82,5	FI-RESD-38S-V-W3-DKO

¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is FKM (Viton®).

Connecting Parts



Cutting Ring
Type **FI-DS**

Page 28



Soft-Sealing Cutting Ring
Type **FI-WDDS**

Page 29



Support Sleeve
Type **FI-VH**

Page 31



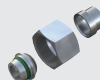
STAUFF Form EVO Sealing Ring
Type **FI-FD**

Page 32



Union Nut
Type **FI-M**

Page 33



37° Flared Tube Fitting Set
Type **FI-AB**

Page 37

Spare Parts / Accessories



O-Ring
Type **O-RING**

Page 239