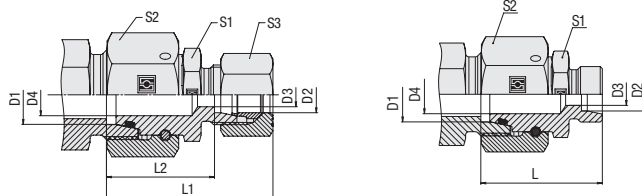


Straight Reducer for Tube Ends with 24° Taper / O-Ring Type FI-REDSO • Series L



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)
Heavy Series (pages 146/147)

L

S

* Seal Material FKM (Viton®)
EPDM

-V

-E

* 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

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¹ Approximate dimension in assembled condition.

² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

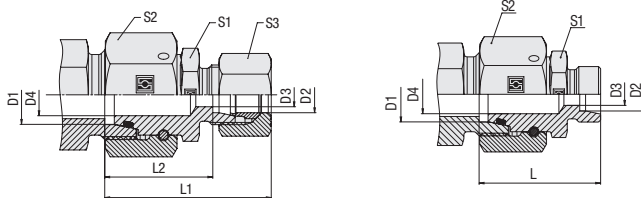
Standard seal material is FKM (Viton®).

Series	Tube OD		PN (bar/psi)	Dimensions									Weight (kg/lbs) ca. per 100	Ordering Codes ³
	D1	D2		D3	D4	L	L1 ¹	L2	S1	S2	S3			
L	8	6	500	4	4	30	38	23.5	12	17	14	3,01	FI-RESDS-08/06L-V-W3-DKO	
	.31	.24	7250	.16	.16	1.18	1.50	.93	.47	.67	.55	6.61		
	10	6	500	4	4	32	40	25	14	19	14	3,80	FI-RESDS-10/06L-V-W3-DKO	
	.39	.24	7250	.16	.16	1.26	1.57	.98	.55	.75	.55	8.36		
	10	8	500	6	6	32	40	25	14	19	17	3,99	FI-RESDS-10/08L-V-W3-DKO	
	.39	.31	7250	.24	.24	1.26	1.57	.98	.55	.75	.67	8.78		
	10	12	400	10	6,5	35	45	28	19	19	22	5,01	FI-RESDS-10/12L-V-W3-DKO	
	.39	.47	5800	.39	.26	1.38	1.77	1.10	.75	.75	.87	11.04		
	12	6	400	4	4	32	40	25	17	22	14	5,69	FI-RESDS-12/06L-V-W3-DKO	
	.47	.24	5800	.16	.16	1.26	1.57	.98	.67	.87	.55	12.52		
	12	8	400	6	6	32	40	25	17	22	17	5,53	FI-RESDS-12/08L-V-W3-DKO	
	.47	.31	5800	.24	.24	1.26	1.57	.98	.67	.87	.67	12.17		
	12	10	400	8	8	33	41	26	17	22	19	5,33	FI-RESDS-12/10L-V-W3-DKO	
	.47	.39	5800	.31	.31	1.30	1.61	1.02	.67	.87	.75	11.72		
	12	15	400	12	8	34	45	28	24	22	27	7,16	FI-RESDS-12/15L-V-W3-DKO	
	.47	.59	5800	.47	.31	1.34	1.77	1.10	.94	.87	1.06	15.79		
	15	6	400	4	11	35	43	29	22	27	14	8,83	FI-RESDS-15/06L-V-W3-DKO	
	.59	.24	5800	.16	.43	1.38	1.69	1.14	.87	1.06	.55	19.43		
	15	8	400	6	11	35	43	29	22	27	17	9,08	FI-RESDS-15/08L-V-W3-DKO	
	.59	.31	5800	.24	.43	1.38	1.69	1.14	.87	1.06	.67	19.98		
	15	10	400	8	8	35	43	30	22	27	19	9,61	FI-RESDS-15/10L-V-W3-DKO	
	.59	.39	5800	.31	.31	1.38	1.69	1.18	.87	1.06	.75	21.14		
	15	12	400	10	10	36	44	30	22	27	22	9,25	FI-RESDS-15/12L-V-W3-DKO	
	.59	.47	5800	.39	.39	1.42	1.73	1.18	.87	1.06	.87	20.35		
	18	6	400	4	13	35	43	28	24	32	14	11,07	FI-RESDS-18/06L-V-W3-DKO	
	.71	.24	5800	.16	.51	1.38	1.69	1.10	.94	1.26	.55	24.36		
	18	8	400	6	13	35	43	28	24	32	17	7,57	FI-RESDS-18/08L-V-W3-DKO	
	.71	.31	5800	.24	.51	1.38	1.69	1.10	.94	1.26	.67	16.66		
	18	10	400	8	8	36	44	29	24	32	19	12,64	FI-RESDS-18/10L-V-W3-DKO	
	.71	.39	5800	.31	.31	1.42	1.73	1.14	.94	1.26	.75	27.81		
	18	12	400	10	10	36	44	29	24	32	22	12,24	FI-RESDS-18/12L-V-W3-DKO	
	.71	.47	5800	.39	.39	1.42	1.73	1.14	.94	1.26	.87	26.93		
	18	15	400	12	12	37	45	30	24	32	27	12,27	FI-RESDS-18/15L-V-W3-DKO	
	.71	.59	5800	.47	.47	1.46	1.77	1.18	.94	1.26	1.06	26.99		
	22	6	250	4	17	38	47	32	27	36	14	16,34	FI-RESDS-22/06L-V-W3-DKO	
	.87	.24	3625	.16	.67	1.50	1.85	1.26	1.06	1.42	.55	35.96		
	22	8	250	6	17	38	47	32	27	36	17	16,27	FI-RESDS-22/08L-V-W3-DKO	
	.87	.31	3625	.24	.67	1.50	1.85	1.26	1.06	1.42	.67	35.80		
	22	10	250	8	17	39	48	33	27	36	19	16,33	FI-RESDS-22/10L-V-W3-DKO	
	.87	.39	3625	.31	.67	1.54	1.89	1.30	1.06	1.42	.75	35.92		
	22	12	250	10	17	39	48	33	27	36	22	16,30	FI-RESDS-22/12L-V-W3-DKO	
	.87	.47	3625	.39	.67	1.54	1.89	1.30	1.06	1.42	.87	35.87		
	22	15	250	12	12	40	49	34	27	36	27	19,01	FI-RESDS-22/15L-V-W3-DKO	
	.87	.59	3625	.47	.47	1.57	1.93	1.34	1.06	1.42	1.06	41.82		
	22	18	250	15	15	41	50	34	27	36	32	18,13	FI-RESDS-22/18L-V-W3-DKO	
	.87	.71	3625	.59	.59	1.61	1.97	1.34	1.06	1.42	1.26	39.89		
	22	20	250	16	16	50	63	39	36	32	36	22,22	FI-RESDS-22L/20S-V-W3-DKO	
	.87	.79	3625	.63	.63	1.97	2.48	1.54	1.42	1.26	1.42	48.99		
28	6	250	4	23	40	49	34	36	41	14	22,90	FI-RESDS-28/06L-V-W3-DKO		
1.10	.24	3625	.16	.91	1.57	1.93	1.34	1.42	1.61	.55	50.37			
28	8	250	6	23	40	49	34	36	41	17	20,95	FI-RESDS-28/08L-V-W3-DKO		
1.10	.31	3625	.24	.91	1.57	1.93	1.34	1.42	1.61	.67	46.09			
28	10	250	8	23	41	50	35	36	41	19	21,74	FI-RESDS-28/10L-V-W3-DKO		
1.10	.39	3625	.31	.91	1.61	1.97	1.38	1.42	1.61	.75	47.83			
28	12	250	10	23	41	50	35	36	41	22	10,22	FI-RESDS-28/12L-V-W3-DKO		
1.10	.47	3625	.39	.91	1.61	1.97	1.38	1.42	1.61	.87	22.49			
28	15	250	12	23	42	51	36	36	41	27	18,85	FI-RESDS-28/15L-V-W3-DKO		
1.10	.59	3625	.47	.91	1.65	2.01	1.42	1.42	1.61	1.06	41.47			
28	18	250	15	23	43	52	36	36	41	32	22,50	FI-RESDS-28/18L-V-W3-DKO		
1.10	.71	3625	.59	.91	1.69	2.05	1.42	1.42	1.61	1.26	49.50			
28	22	250	19	23	45	54	38	36	41	36	22,80	FI-RESDS-28/22L-V-W3-DKO		
1.10	.87	3625	.75	.91	1.77	2.13	1.50	1.42	1.61	1.42	50.16			

L / S



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



Series	Tube OD (mm/in)		PN (bar/psi)	Dimensions (mm/in)							Weight (^{kg} /lbs) ca. per 100	Ordering Codes ³	
	D1	D2		D3	D4	L	L1 ¹	L2	S1	S2			S3
L	35	6	250	4	28	41	52	37	46	50	14	7,82	FI-RESDS-35/06L-V-W3-DKO
	1.38	.24	3625	.16	1.10	1.61	2.05	1.46	1.81	1.97	.55	17.20	
	35	8	250	6	28	41	52	37	46	50	17	35,43	FI-RESDS-35/08L-V-W3-DKO
	1.38	.31	3625	.24	1.10	1.61	2.05	1.46	1.81	1.97	.67	77.95	
	35	10	250	8	28	42	53	38	46	50	19	35,35	FI-RESDS-35/10L-V-W3-DKO
	1.38	.39	3625	.31	1.10	1.65	2.09	1.50	1.81	1.97	.75	77.77	
	35	12	250	10	28	42	53	38	46	50	22	33,34	FI-RESDS-35/12L-V-W3-DKO
	1.38	.47	3625	.39	1.10	1.65	2.09	1.50	1.81	1.97	.87	73.34	
	35	15	250	12	28	43	54	39	46	50	27	15,22	FI-RESDS-35/15L-V-W3-DKO
	1.38	.59	3625	.47	1.10	1.69	2.13	1.54	1.81	1.97	1.06	33.49	
	35	18	250	15	28	44	55	39	46	50	32	34,32	FI-RESDS-35/18L-V-W3-DKO
	1.38	.71	3625	.59	1.10	1.73	2.17	1.54	1.81	1.97	1.26	75.50	
	35	22	250	19	28	46	57	41	46	50	36	34,80	FI-RESDS-35/22L-V-W3-DKO
	1.38	.87	3625	.75	1.10	1.81	2.24	1.61	1.81	1.97	1.42	76.57	
	35	28	250	24	24	46	57	41	46	50	41	38,10	FI-RESDS-35/28L-V-W3-DKO
	1.38	1.10	3625	.94	.94	1.81	2.24	1.61	1.81	1.97	1.61	83.82	
	42	6	250	4	35	36	48	41	50	60	14	52,66	FI-RESDS-42/06L-V-W3-DKO
	1.65	.24	3625	.16	1.38	1.42	1.89	1.61	1.97	2.36	.55	115.85	
	42	8	250	6	35	36	48	41	50	60	17	52,58	FI-RESDS-42/08L-V-W3-DKO
	1.65	.31	3625	.24	1.38	1.42	1.89	1.61	1.97	2.36	.67	115.67	
	42	10	250	8	35	44	56	42	50	60	19	52,58	FI-RESDS-42/10L-V-W3-DKO
	1.65	.39	3625	.31	1.38	1.73	2.20	1.65	1.97	2.36	.75	115.68	
	42	12	250	10	35	44	56	42	50	60	22	52,60	FI-RESDS-42/12L-V-W3-DKO
	1.65	.47	3625	.39	1.38	1.73	2.20	1.65	1.97	2.36	.87	115.72	
	42	15	250	12	35	46	58	43	50	60	27	52,30	FI-RESDS-42/15L-V-W3-DKO
	1.65	.59	3625	.47	1.38	1.81	2.28	1.69	1.97	2.36	1.06	115.06	
	42	18	250	15	35	46	58	42	50	60	32	52,00	FI-RESDS-42/18L-V-W3-DKO
	1.65	.71	3625	.59	1.38	1.81	2.28	1.65	1.97	2.36	1.26	114.40	
	42	22	250	19	35	48	60	44	50	60	36	50,10	FI-RESDS-42/22L-V-W3-DKO
	1.65	.87	3625	.75	1.38	1.89	2.36	1.73	1.97	2.36	1.42	110.21	
	42	28	250	24	35	49	61	44	50	60	41	50,19	FI-RESDS-42/28L-V-W3-DKO
	1.65	1.10	3625	.94	1.38	1.93	2.40	1.73	1.97	2.36	1.61	110.43	
	42	35	250	30	30	53	65	43	50	60	50	55,90	FI-RESDS-42/35L-V-W3-DKO
	1.65	1.38	3625	1.18	1.18	2.09	2.56	1.69	1.97	2.36	1.97	122.98	

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-RESDS*-10/*08*L*-V*-W3*-DKO*-MS**

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

* 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**
EPDM **-E**

* 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

