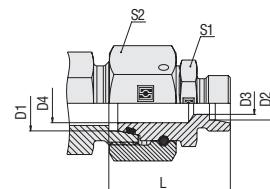
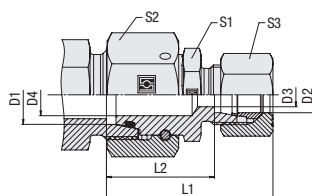


Straight Reducer for Tube Ends with 24° Taper / O-Ring Type FI-REDSD • Series S



Ordering Codes

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

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

FI-REDSD

* 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

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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		
S	8	6	800	4	4	34	42	27	14	19	17	4,46	FI-REDSD-08/06S-V-W3-DKO
	.31	.24	11600	.16	.16	1.34	1.65	1.06	.55	.75	.67	9.80	
	10	6	800	4	4	33	42	27,5	17	22	17	5,93	FI-REDSD-10/06S-V-W3-DKO
	.39	.24	11600	.16	.16	1.30	1.65	1.08	.67	.87	.67	13.05	
	10	8	800	5	5	33	42	27,5	17	22	19	6,07	FI-REDSD-10/08S-V-W3-DKO
	.39	.31	11600	.20	.20	1.30	1.65	1.08	.67	.87	.75	13.35	
	12	6	630	4	4	33	44	29	19	24	17	7,96	FI-REDSD-12/06S-V-W3-DKO
	.47	.24	9135	.16	.16	1.30	1.73	1.14	.75	.94	.67	17.52	
	12	8	630	5	5	33	44	29	19	24	19	8,04	FI-REDSD-12/08S-V-W3-DKO
	.47	.31	9135	.20	.20	1.30	1.73	1.14	.75	.94	.75	17.68	
	12	10	630	7	7	35	46	29,5	19	24	22	7,90	FI-REDSD-12/10S-V-W3-DKO
	.47	.39	9135	.28	.28	1.38	1.81	1.16	.75	.94	.87	17.38	
	14	6	630	4	4	36	46	32	22	27	17	10,46	FI-REDSD-14/06S-V-W3-DKO
	.55	.24	9135	.16	.16	1.42	1.81	1.26	.87	1.06	.67	23.02	
	14	8	630	5	5	36	46	32	22	27	19	10,53	FI-REDSD-14/08S-V-W3-DKO
	.55	.31	9135	.20	.20	1.42	1.81	1.26	.87	1.06	.75	23.16	
	14	10	630	7	7	37	47	31	22	27	22	10,12	FI-REDSD-14/10S-V-W3-DKO
	.55	.39	9135	.28	.28	1.46	1.85	1.22	.87	1.06	.87	22.27	
	14	12	630	8	8	37	47	31	22	27	24	10,44	FI-REDSD-14/12S-V-W3-DKO
	.55	.47	9135	.31	.31	1.46	1.85	1.22	.87	1.06	.94	22.97	
	16	6	630	4	11	37	47	32	22	30	17	10,79	FI-REDSD-16/06S-V-W3-DKO
	.63	.24	9135	.16	.43	1.46	1.85	1.26	.87	1.18	.67	23.74	
	16	8	630	5	11	37	47	32	22	30	19	11,04	FI-REDSD-16/08S-V-W3-DKO
	.63	.31	9135	.20	.43	1.46	1.85	1.26	.87	1.18	.75	24.29	
	16	10	630	7	7	38	48	31,5	22	30	22	7,67	FI-REDSD-16/10S-V-W3-DKO
	.63	.39	9135	.28	.28	1.50	1.89	1.24	.87	1.18	.87	16.87	
	16	12	630	8	8	38	48	31,5	22	30	24	12,07	FI-REDSD-16/12S-V-W3-DKO
	.63	.47	9135	.31	.31	1.50	1.89	1.24	.87	1.18	.94	26.55	
S / L	16	14	630	10	10	41	51	33	24	30	27	12,64	FI-REDSD-16/14S-V-W3-DKO
	.63	.55	9135	.39	.39	1.61	2.01	1.30	.94	1.18	1.06	27.80	
	16	15	400	11	11	40	47	32	24	30	27	11,66	FI-REDSD-16S/15L-V-W3-DKO
	.63	.59	5800	.43	.43	1.57	1.85	1.26	.94	1.18	1.06	25.71	
S / L	20	6	420	4	14	40	51	36	27	36	17	17,16	FI-REDSD-20/06S-V-W3-DKO
	.79	.24	6091	.16	.55	1.57	2.01	1.42	1.06	1.42	.67	37.75	
	20	8	420	5	14	40	51	36	27	36	19	17,61	FI-REDSD-20/08S-V-W3-DKO
	.79	.31	6091	.20	.55	1.57	2.01	1.42	1.06	1.42	.75	38.74	
	20	10	420	7	14	41	52	35,5	27	36	22	17,49	FI-REDSD-20/10S-V-W3-DKO
	.79	.39	6091	.28	.55	1.61	2.05	1.40	1.06	1.42	.87	38.48	
	20	12	420	8	14	41	52	35,5	27	36	24	17,76	FI-REDSD-20/12S-V-W3-DKO
	.79	.47	6091	.31	.55	1.61	2.05	1.40	1.06	1.42	.94	39.08	
S / L	20	14	420	10	14	44	55	37	27	36	27	19,83	FI-REDSD-20/14S-V-W3-DKO
	.79	.55	6091	.39	.55	1.73	2.17	1.46	1.06	1.42	1.06	43.62	
	20	15	400	12	12	43	51	35	27	36	30	18,38	FI-REDSD-20S/15L-V-W3-DKO
	.79	.59	5800	.47	.47	1.69	2.01	1.38	1.06	1.42	1.18	40.52	
S / L	20	16	420	12	12	44	55	36,5	27	36	30	19,34	FI-REDSD-20/16S-V-W3-DKO
	.79	.63	6091	.47	.47	1.73	2.17	1.44	1.06	1.42	1.18	42.56	
	20	18	400	14	14	43	54	35	27	36	32	18,10	FI-REDSD-20S/18L-V-W3-DKO
	.79	.71	5800	.55	.55	1.69	2.13	1.38	1.06	1.42	1.26	39.90	

¹ Approximate dimension in assembled condition.

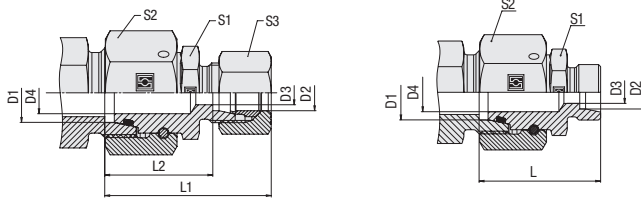
² Weight excluding cutting ring and union nut.

³ Standard scope of delivery: Fitting body only.

Standard seal material is FKM (Viton®).



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



Series	Tube OD (mm/in)	PN (bar/psi)	Dimensions (mm/in)										Weight (kg/lbs) ca.	Ordering Codes ³
	D1	D2	D3	D4	L	L1 ¹	L2	S1	S2	S3			per 100	
S	25	6	420	4	18	41	53	38,5	36	46	17	29,87		FI-REDSO-25/06S-V-W3-DKO
	.98	.24	6091	.16	.71	1.61	2.09	1.52	1.42	1.81	.67	65.72		FI-REDSO-25/08S-V-W3-DKO
	25	8	420	5	18	41	53	38,5	36	46	19	30,39		FI-REDSO-25/10S-V-W3-DKO
	.98	.31	6091	.20	.71	1.61	2.09	1.52	1.42	1.81	.75	66.85		FI-REDSO-25/12S-V-W3-DKO
	25	10	420	7	18	42	54	38	36	46	22	16,95		FI-REDSO-25/14S-V-W3-DKO
	.98	.39	6091	.28	.71	1.65	2.13	1.50	1.42	1.81	.87	37.29		FI-REDSO-25/16S-V-W3-DKO
	25	12	420	8	18	42	54	38	36	46	24	30,41		FI-REDSO-25/18L-V-W3-DKO
	.98	.47	6091	.31	.71	1.65	2.13	1.50	1.42	1.81	.94	66.91		FI-REDSO-25/20S-V-W3-DKO
	25	14	420	10	18	45	57	40	36	46	27	30,95		FI-REDSO-25/25S-V-W3-DKO
	.98	.55	6091	.39	.71	1.77	2.24	1.57	1.42	1.81	1.06	68.09		FI-REDSO-25/30S-V-W3-DKO
	25	16	420	12	18	45	57	39	36	46	30	30,29		FI-REDSO-25/30S-V-W3-DKO
	.98	.63	6091	.47	.71	1.77	2.24	1.54	1.42	1.81	1.18	66.65		FI-REDSO-25/30S-V-W3-DKO
S / L	25	18	400	15	18	45	53	37	36	46	32	30,54		FI-REDSO-30/06S-V-W3-DKO
	.98	.71	5800	.59	.71	1.77	2.09	1.46	1.42	1.81	1.26	67.33		FI-REDSO-30/08S-V-W3-DKO
	25	20	420	16	16	49	61	39	36	46	36	32,97		FI-REDSO-30/10S-V-W3-DKO
	.98	.79	6091	.63	.63	1.93	2.40	1.54	1.42	1.81	1.42	72.53		FI-REDSO-30/12S-V-W3-DKO
	30	6	420	4	22	46	59	44	41	50	17	37,93		FI-REDSO-30/14S-V-W3-DKO
	1.18	.24	6091	.16	.87	1.81	2.32	1.73	1.61	1.97	.67	83.45		FI-REDSO-30/16S-V-W3-DKO
	30	8	420	5	22	46	59	44	41	50	19	31,17		FI-REDSO-30/18S-V-W3-DKO
	1.18	.31	6091	.20	.87	1.81	2.32	1.73	1.61	1.97	.75	68.57		FI-REDSO-30/20S-V-W3-DKO
	30	10	420	7	22	47	60	43,5	41	50	22	38,28		FI-REDSO-30/25S-V-W3-DKO
	1.18	.39	6091	.28	.87	1.85	2.36	1.71	1.61	1.97	.87	84.22		FI-REDSO-30/30S-V-W3-DKO
	30	12	420	8	22	47	60	43,5	41	50	24	38,65		FI-REDSO-30/30S-V-W3-DKO
	1.18	.47	6091	.31	.87	1.85	2.36	1.71	1.61	1.97	.94	85.03		FI-REDSO-30/30S-V-W3-DKO
	30	14	420	10	22	50	63	45	41	50	27	38,88		FI-REDSO-30/30S-V-W3-DKO
	1.18	.55	6091	.39	.87	1.97	2.48	1.77	1.61	1.97	1.06	85.53		FI-REDSO-30/30S-V-W3-DKO
	30	16	420	12	22	50	63	44,5	41	50	30	38,59		FI-REDSO-30/30S-V-W3-DKO
	1.18	.63	6091	.47	.87	1.97	2.48	1.75	1.61	1.97	1.18	84.89		FI-REDSO-30/30S-V-W3-DKO
	30	20	420	16	22	53	66	44,5	41	50	36	39,86		FI-REDSO-30/30S-V-W3-DKO
	1.18	.79	6091	.63	.87	2.09	2.60	1.75	1.61	1.97	1.42	87.69		FI-REDSO-30/30S-V-W3-DKO
	30	25	420	20	20	56	69	45	41	50	46	42,96		FI-REDSO-38/06S-V-W3-DKO
	1.18	.98	6091	.79	.79	2.20	2.72	1.77	1.61	1.97	1.81	94.51		FI-REDSO-38/08S-V-W3-DKO
	1.50	.24	6091	.16	1.18	1.85	2.44	1.87	1.97	2.36	.67	122.10		FI-REDSO-38/10S-V-W3-DKO
	38	8	420	5	30	47	62	47,5	50	60	19	55,50		FI-REDSO-38/12S-V-W3-DKO
	1.50	.31	6091	.20	1.18	1.85	2.44	1.87	1.97	2.36	.75	122.10		FI-REDSO-38/14S-V-W3-DKO
	38	10	420	7	30	48	63	47	50	60	22	56,40		FI-REDSO-38/16S-V-W3-DKO
	1.50	.39	6091	.28	1.18	1.89	2.48	1.85	1.97	2.36	.87	124.08		FI-REDSO-38/20S-V-W3-DKO
	38	12	420	8	30	48	63	47	50	60	24	55,50		FI-REDSO-38/25S-V-W3-DKO
	1.50	.47	6091	.31	1.18	1.89	2.48	1.85	1.97	2.36	.94	122.10		FI-REDSO-38/30S-V-W3-DKO
	38	14	420	10	30	51	66	49	50	60	27	62,87		FI-REDSO-38/30S-V-W3-DKO
	1.50	.55	6091	.39	1.18	2.01	2.60	1.93	1.97	2.36	1.06	138.32		FI-REDSO-38/30S-V-W3-DKO
	38	16	420	12	30	51	66	48	50	60	30	55,80		FI-REDSO-38/30S-V-W3-DKO
	1.50	.63	6091	.47	1.18	2.01	2.60	1.89	1.97	2.36	1.18	122.76		FI-REDSO-38/30S-V-W3-DKO
	38	20	420	16	30	55	70	48	50	60	36	57,40		FI-REDSO-38/30S-V-W3-DKO
	1.50	.79	6091	.63	1.18	2.17	2.76	1.89	1.97	2.36	1.42	126.28		FI-REDSO-38/30S-V-W3-DKO
	38	25	420	20	30	58	73	48,5	50	60	46	59,30		FI-REDSO-38/30S-V-W3-DKO
	1.50	.98	6091	.79	1.18	2.28	2.87	1.91	1.97	2.36	1.81	130.46		FI-REDSO-38/30S-V-W3-DKO
	38	30	420	25	25	61	76	49	50	60	50	63,70		FI-REDSO-38/30S-V-W3-DKO
	1.50	1.18	6091	.98	.98	2.40	2.99	1.93	1.97	2.36	1.97	140.14		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**
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

