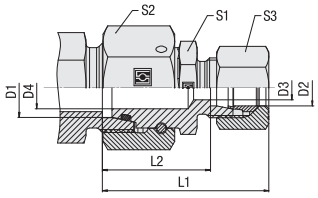
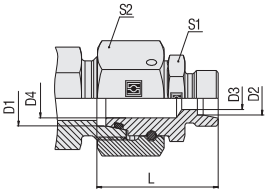
Straight Reducer for Tube Ends with 24° Taper / O-Ring
Type FI-REDSD ▪ Series L







H

Ordering Codes

***FI-REDSD*-10/*08*L*-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**
* 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

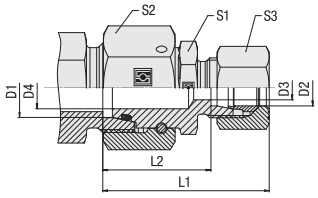

O-Ring
Type **O-RING** Page 239

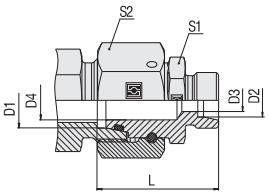
Series	Tube OD mm D1	D2	PN bar	Dimensions mm D3	D4	L	L1[1]	L2	S1	S2	S3	Weight kg ca. per 100	Ordering Codes[3]
L	8	6	500	4	4	30,5	38,5	23,5	12	17	14	3,01	FI-REDSD-08/06L-V-W3-DKO
	10	6	500	4	4	32	40	25	14	19	14	3,80	FI-REDSD-10/06L-V-W3-DKO
	10	8	500	6	6	32	40	25	14	19	17	3,99	FI-REDSD-10/08L-V-W3-DKO
	10	12	400	10	6,5	34	45	27	19	19	22	5,01	FI-REDSD-10/12L-V-W3-DKO
	12	6	400	4	4	32	40	25	17	22	14	5,69	FI-REDSD-12/06L-V-W3-DKO
	12	8	400	6	6	32	40	25	17	22	17	5,53	FI-REDSD-12/08L-V-W3-DKO
	12	10	400	8	8	33	41	26	17	22	19	5,33	FI-REDSD-12/10L-V-W3-DKO
	12	15	400	12	8	34,5	44	27,5	24	22	27	7,16	FI-REDSD-12/15L-V-W3-DKO
	15	6	400	4	11	35,5	43,5	28,5	22	27	14	8,83	FI-REDSD-15/06L-V-W3-DKO
	15	8	400	6	11	35,5	44	28,5	22	27	17	9,08	FI-REDSD-15/08L-V-W3-DKO
	15	10	400	8	8	36,5	44,5	29,5	22	27	19	9,61	FI-REDSD-15/10L-V-W3-DKO
	15	12	400	10	10	36,5	44,5	29,5	22	27	22	9,25	FI-REDSD-15/12L-V-W3-DKO
	15	18	400	11	11	36,5	45,5	29	27	27	32	12,2	FI-REDSD-15/18L-V-W3-DKO
	18	6	400	4	13	35	43	28	24	32	14	11,07	FI-REDSD-18/06L-V-W3-DKO
	18	8	400	6	13	35	43	28	24	32	17	7,57	FI-REDSD-18/08L-V-W3-DKO
	18	10	400	8	8	36	44	29	24	32	19	12,64	FI-REDSD-18/10L-V-W3-DKO
	18	12	400	10	10	36	44	29	24	32	22	12,24	FI-REDSD-18/12L-V-W3-DKO
	18	15	400	12	12	37	45	30	24	32	27	12,27	FI-REDSD-18/15L-V-W3-DKO
	22	6	250	4	17	39	47	32	27	36	14	16,34	FI-REDSD-22/06L-V-W3-DKO
	22	8	250	6	17	39	48	32	27	36	17	16,27	FI-REDSD-22/08L-V-W3-DKO
	22	10	250	8	17	40	49	33	27	36	19	16,33	FI-REDSD-22/10L-V-W3-DKO
	22	12	250	10	17	40	49	33	27	36	22	16,30	FI-REDSD-22/12L-V-W3-DKO
	22	15	250	12	12	41	50	34	27	36	27	19,01	FI-REDSD-22/15L-V-W3-DKO
	22	18	250	15	15	41	50	33,5	27	36	32	18,13	FI-REDSD-22/18L-V-W3-DKO
L / S	22	20	250	16	16	47,5	60	37	36	32	36	22,22	FI-REDSD-22L/20S-V-W3-DKO
	28	6	250	4	23	41	49	34	36	41	14	22,90	FI-REDSD-28/06L-V-W3-DKO
	28	8	250	6	23	41	50	34	36	41	17	20,95	FI-REDSD-28/08L-V-W3-DKO
	28	10	250	8	23	42	51	35	36	41	19	21,74	FI-REDSD-28/10L-V-W3-DKO
	28	12	250	10	23	42	51	35	36	41	22	10,22	FI-REDSD-28/12L-V-W3-DKO
	28	15	250	12	23	43	52	36	36	41	27	18,85	FI-REDSD-28/15L-V-W3-DKO
	28	18	250	15	23	43	52	35,5	36	41	32	22,50	FI-REDSD-28/18L-V-W3-DKO
	28	20	250	16	23	47	58	36,5	36	41	36	26,01	FI-REDSD-28L/20S-V-W3-DKO
	28	22	250	19	23	45	54	37,5	36	41	36	22,80	FI-REDSD-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®).

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







Series	Tube OD mm		PN bar	Dimensions mm								Weight kg ca.	Ordering Codes[3]
	D1	D2		D3	D4	L	L1[1]	L2	S1	S2	S3	per 100	
L	35	6	250	4	28	44	52,5	37	46	50	14	7,82	FI-REDSD-35/06L-V-W3-DKO
	35	8	250	6	28	44	52,5	37	46	50	17	35,43	FI-REDSD-35/08L-V-W3-DKO
	35	10	250	8	28	45	53,5	38	46	50	19	35,35	FI-REDSD-35/10L-V-W3-DKO
	35	12	250	10	28	45	56	38	46	50	22	33,34	FI-REDSD-35/12L-V-W3-DKO
	35	15	250	12	28	46	55,5	39	46	50	27	15,22	FI-REDSD-35/15L-V-W3-DKO
	35	18	250	15	28	46	57	38,5	46	50	32	34,32	FI-REDSD-35/18L-V-W3-DKO
	35	22	250	19	28	48	59	40,5	46	50	36	34,80	FI-REDSD-35/22L-V-W3-DKO
	35	28	250	24	24	48	59	40,5	46	50	41	38,10	FI-REDSD-35/28L-V-W3-DKO
	42	6	250	4	35	47,5	56	40,5	50	60	14	52,66	FI-REDSD-42/06L-V-W3-DKO
	42	8	250	6	35	47,5	59,5	40,5	50	60	17	52,58	FI-REDSD-42/08L-V-W3-DKO
	42	10	250	8	35	48,5	60,5	41,5	50	60	19	52,58	FI-REDSD-42/10L-V-W3-DKO
	42	12	250	10	35	48,5	60,5	41,5	50	60	22	52,60	FI-REDSD-42/12L-V-W3-DKO
	42	15	250	12	35	49,5	61,5	42,5	50	60	27	52,30	FI-REDSD-42/15L-V-W3-DKO
	42	18	250	15	35	49,5	61,5	42	50	60	32	52,00	FI-REDSD-42/18L-V-W3-DKO
	42	22	250	19	35	51,5	63,5	44	50	60	36	50,10	FI-REDSD-42/22L-V-W3-DKO
	42	28	250	24	35	51,5	63,5	44	50	60	41	50,19	FI-REDSD-42/28L-V-W3-DKO
	42	35	250	30	30	53,5	65,5	43	50	60	50	55,90	FI-REDSD-42/35L-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-REDSD*-10/*08*L*-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**
* 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

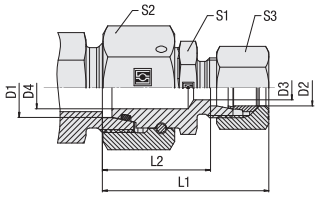

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

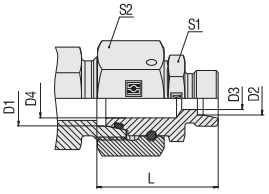
Spare Parts / Accessories


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

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







H

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

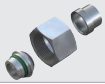

Cutting Ring
Type **FI-DS** Page 28


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

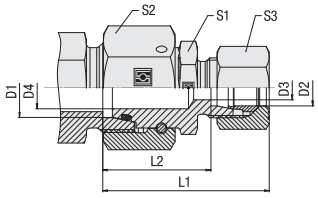

Union Nut
Type **FI-M** Page 33

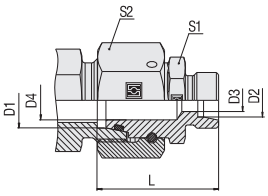

37° Flared Tube Fitting Set
Type **FI-AB** Page 37

Spare Parts / Accessories


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

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







Series	Tube OD mm		PN bar	Dimensions mm								Weight kg ca.	Ordering Codes[3]
	D1	D2		D3	D4	L	L1[1]	L2	S1	S2	S3	per 100	
S	25	6	420	4	18	45,5	57,5	38,5	36	46	17	29,87	FI-REDSD-25/06S-V-W3-DKO
	25	8	420	5	18	45,5	57,5	38,5	36	46	19	30,39	FI-REDSD-25/08S-V-W3-DKO
	25	10	420	7	18	45,5	57,5	38,5	36	46	22	16,95	FI-REDSD-25/10S-V-W3-DKO
	25	12	420	8	18	45,5	57,5	38,5	36	46	24	30,41	FI-REDSD-25/12S-V-W3-DKO
	25	14	420	10	18	47,5	59	39,5	36	46	27	30,95	FI-REDSD-25/14S-V-W3-DKO
	25	16	420	12	18	47,5	59,5	39	36	46	30	30,29	FI-REDSD-25/16S-V-W3-DKO
S / L	25	18	400	15	18	45,5	55,5	38	36	46	32	30,54	FI-REDSD-25S/18L-V-W3-DKO
	25	20	420	16	16	49,5	61,5	39	36	46	36	32,97	FI-REDSD-25/20S-V-W3-DKO
	30	6	420	4	22	51	64	44	41	50	17	37,93	FI-REDSD-30/06S-V-W3-DKO
	30	8	420	5	22	51	64	44	41	50	19	31,17	FI-REDSD-30/08S-V-W3-DKO
	30	10	420	7	22	51	64	43,5	41	50	22	38,28	FI-REDSD-30/10S-V-W3-DKO
	30	12	420	8	22	51	64	43,5	41	50	24	38,65	FI-REDSD-30/12S-V-W3-DKO
	30	14	420	10	22	53	64,5	45	41	50	27	38,88	FI-REDSD-30/14S-V-W3-DKO
	30	16	420	12	22	53	66	44,5	41	50	30	38,59	FI-REDSD-30/16S-V-W3-DKO
	30	20	420	16	22	55	58	44,5	41	50	36	39,86	FI-REDSD-30/20S-V-W3-DKO
	30	25	420	20	20	57	70	45	41	50	46	42,96	FI-REDSD-30/25S-V-W3-DKO
	38	6	420	4	30	54,5	69,5	47,5	50	60	17	55,50	FI-REDSD-38/06S-V-W3-DKO
	38	8	420	5	30	54,5	69,5	47,5	50	60	19	55,50	FI-REDSD-38/08S-V-W3-DKO
	38	10	420	7	30	54,5	69,5	47	50	60	22	56,40	FI-REDSD-38/10S-V-W3-DKO
	38	12	420	8	30	54,5	69,5	47	50	60	24	55,50	FI-REDSD-38/12S-V-W3-DKO
	38	14	420	10	30	56,5	68	48,5	50	60	27	62,87	FI-REDSD-38/14S-V-W3-DKO
	38	16	420	12	30	56,5	71,5	48	50	60	30	55,80	FI-REDSD-38/16S-V-W3-DKO
	38	20	420	16	30	58,5	73,5	48	50	60	36	57,40	FI-REDSD-38/20S-V-W3-DKO
	38	25	420	20	30	60,5	75,5	48,5	50	60	46	59,30	FI-REDSD-38/25S-V-W3-DKO
	38	30	420	25	25	62,5	77,5	49	50	60	50	63,70	FI-REDSD-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-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**
* 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