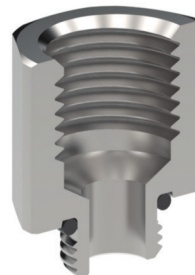


Fitting Accessories Stainless Steel AISI 316L (1.4404)



Stainless steel version

Operating pressure Technical vacuum up to maximum pressure as stated in the respective specification table under PN.

Temperature range: -40 °C to +140 °C (for restrictions see specification table)

Application

Fitting accessories made of stainless steel 1.4404 are used in particular for aggressive gaseous and liquid media under harsh operating conditions. These connectors are equipped with FDA-compliant FKM sealing rings, on request they are available with FDA-compliant and KTW-approved EPDM sealing rings.

CHARACTERISTICS

BODY MATERIAL / SUITABILITY

Stainless steel AISI 316L	Corresponds to 1.4404 stainless steel . Suitable for many aggressive media, in particular at higher pressures. The FKM seal is FDA-compliant and can be used in the food and pharmaceutical industries.
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Approval	NSF/ANSI 169
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THREAD

External thread	"G" cylindrical thread: Whitworth pipe thread DIN ISO 228-1 G 1/8-G 1/2
External thread	"R" conical thread: Whitworth pipe thread DIN 2999-1 and ISO 7/1 R 1/8 up to R 1/2. Designed so it can be paired with internal thread according to DIN ISO 228-1.
Internal thread	"G" cylindrical thread: Whitworth pipe thread DIN ISO 228-1 G 1/8 up to G 1/2

OPERATING PRESSURE / TEMPERATURE

Metal version	<table><tr><td>PN</td><td>T_{min}</td><td>-40 °C</td></tr><tr><td>50</td><td>T_{max}</td><td>+140 °C</td></tr></table> Means that the fitting can be used up to the shown nominal pressure PN in the specified temperature range "T".	PN	T _{min}	-40 °C	50	T _{max}	+140 °C
PN	T _{min}	-40 °C					
50	T _{max}	+140 °C					
	Allowable operating pressure and operating temperature of pipe/tube must be complied with.						

THREAD SEAL

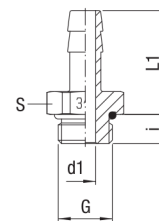
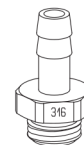
Cylindrical threaded nipple	Seal with FKM sealing rings (FDA-compliant)
Conical threaded nipple	Seal with Teflon tape winding (FDA-compliant) on request

Hose Tail Adaptor

Price group	13	PN 25	T _{min} -20 °C T _{max} +140 °C	Thread cylindrical	Seal FKM (FDA-compliant)	 NSF	Stainless steel AISI 316L
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for tube LW	G	i	L1	d1	S	Weight in [g]	Type	Order number	Price
3.5-4	M 5	3.5	12.5	-	-	2.5	260X4-4-M5FF	356553	o. r.
5-6	G 1/8	5	24	4	13	10	260X4-7-1/8FF	356561	o. r.
5-6	G 1/4	7	24.5	4	17	34.7	260X4-7-1/4FF	356562	o. r.
6-7	G 1/8	5	24	5	13	10.1	260X4-8-1/8FF	356563	o. r.
6-7	G 1/4	7	24.5	5	17	18.8	260X4-8-1/4FF	356564	o. r.
7-8	G 1/8	5	24	6	13	18.7	260X4-9-1/8FF	356565	o. r.
7-8	G 1/4	7	24.5	6	17	17.9	260X4-9-1/4FF	356566	o. r.
7-8	G 3/8	8	24.5	6	19	44.9	260X4-9-3/8FF	356567	o. r.
9-10	G 1/4	7	24.5	7	17	34.7	260X4-10-1/4FF	356568	o. r.
10-11	G 1/4	7	24.5	8	17	20	260X4-12-1/4FF	356570	o. r.
10-11	G 3/8	8	24.5	9	19	24.1	260X4-12-3/8FF	356571	o. r.
10-11	G 1/2	9	25	9	24	41.8	260X4-12-1/2FF	356572	o. r.
12-13	G 1/4	7	24.5	8	17	26.2	260X4-14-1/4FF	356573	o. r.
12-13	G 3/8	8	24.5	11	19	22.7	260X4-14-3/8FF	356574	o. r.
12-13	G 1/2	9	25	11	24	39.5	260X4-14-1/2FF	356575	o. r.
15-16	G 3/8	8	29	11	19	50.4	260X4-17-3/8FF	356576	o. r.
15-16	G 1/2	9	29.5	14	24	36.9	260X4-17-1/2FF	356577	o. r.
18-19	G 1/2	9	29.5	15	24	44.6	260X4-20-1/2FF	356578	o. r.

Illustration

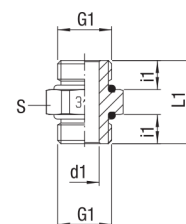
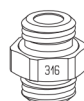


Double Nipple

Price group	13	PN 25	T _{min} -20 °C T _{max} +140 °C	Thread cylindrical	Seal FKM (FDA-compliant)	 NSF	Stainless steel AISI 316L
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G1	i1	L1	d1	S	Weight in [g]	Type	Order number	Price
G 1/8	5	15.5	6	13	7	250X4-1/8FF	356603	o. r.
G 1/4	7	20	8	17	15.5	250X4-1/4FF	356604	o. r.
G 3/8	8	22	11	19	20.7	250X4-3/8FF	356605	o. r.
G 1/2	9	24.5	14	24	55	250X4-1/2FF	356606	o. r.

Illustration

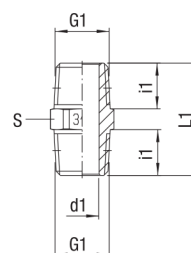


Double Nipple

Price group	13	PN 50	T _{min} -40 °C T _{max} +140 °C	Thread conical		 NSF	Stainless steel AISI 316L
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G1	i1	L1	d1	S	Weight in [g]	Type	Order number	Price
R 1/8	7.5	19.5	5.5	10	7	250X4-1/8K	256621	o. r.
R 1/4	11	27	8	14	15.4	250X4-1/4K	256622	o. r.
R 3/8	11.5	28	11	17	24.3	250X4-3/8K	256623	o. r.
R 1/2	14	33.5	15	22	38.4	250X4-1/2K	256624	o. r.

Illustration

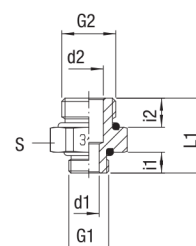


Double Reducing Nipple

Price group	13	PN 25	T _{min} -20 °C T _{max} +140 °C	Thread cylindrical	Seal FKM (FDA-compliant)	 NSF	Stainless steel AISI 316L
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G1	G2	i1	i2	L1	d1	d2	S	Weight in [g]	Type	Order number	Price
G 1/8	G 1/4	5	7	18	6	8	17	20.9	251X4-1/8-1/4FF	356652	o. r.
G 1/8	G 3/8	5	8	19	6	11	19	27.5	251X4-1/8-3/8FF	356653	o. r.
G 1/8	G 1/2	5	9	20.5	6	14	24	46.7	251X4-1/8-1/2FF	356654	o. r.
G 1/4	G 3/8	7	8	21	8	11	19	18	251X4-1/4-3/8FF	356655	o. r.
G 1/4	G 1/2	7	9	22.5	8	14	24	31	251X4-1/4-1/2FF	356656	o. r.
G 3/8	G 1/2	8	9	23.5	11	14	24	32.1	251X4-3/8-1/2FF	356657	o. r.

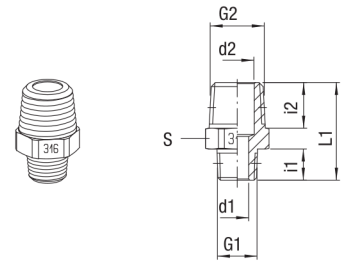
Illustration



Double Reducing Nipple

Price group	13	PN 50	T _{min} -40 °C T _{max} +140 °C	Thread "R" conical						Stainless steel AISI 316L	
G1	G2	i1	i2	L1	d1	d2	S	Weight in [g]	Type	Order number	Price
R 1/8	R 1/4	7.5	11	23.5	5.5	8.2	14	13.1	251X4-1/8K-1/4K	256671	o. r.
R 1/8	R 3/8	7.5	11.5	24	5.5	11	17	19.2	251X4-1/8K-3/8K	256672	o. r.
R 1/8	R 1/2	7.5	14	27	5.5	15	22	31.9	251X4-1/8K-1/2K	256673	o. r.
R 1/4	R 3/8	11	11.5	27.5	8.2	11	17	21.3	251X4-1/4K-3/8K	256674	o. r.
R 1/4	R 1/2	11	14	30.5	8.2	15	22	34.6	251X4-1/4K-1/2K	256675	o. r.
R 3/8	R 1/2	11.5	14	31	11	15	22	35.7	251X4-3/8K-1/2K	256676	o. r.

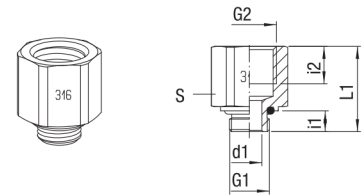
Illustration



Reducer

Price group	13	PN 25	T _{min} -20 °C T _{max} +140 °C	Thread "G" cylindrical	Seal FKM (FDA-compliant)	 Stainless steel AISI 316L				
G1	G2	i1	i2	L1	d1	S	Weight in [g]	Type	Order number	Price
G 1/8	G 1/8	5	6.5	17	6	13	8.9	252X4-1/8FF-1/8	356703	o. r.
G 1/8	G 1/4	5	9	20.5	6	17	23.4	252X4-1/8FF-1/4	356704	o. r.
G 1/8	G 3/8	5	9.5	21.5	6	19	18	252X4-1/8FF-3/8	356705	o. r.
G 1/8	G 1/2	5	12.5	26.5	6	24	40.7	252X4-1/8FF-1/2	356706	o. r.
G 1/4	G 1/4	7	9	21.5	8	17	45.6	252X4-1/4FF-1/4	356707	o. r.
G 1/4	G 3/8	7	9.5	23	8	19	20	252X4-1/4FF-3/8	356708	o. r.
G 1/4	G 1/2	7	12.5	27.5	8	24	61.3	252X4-1/4FF-1/2	356709	o. r.
G 3/8	G 3/8	8	9.5	23	11	19	20.2	252X4-3/8FF-3/8	356710	o. r.
G 3/8	G 1/2	8	12.5	28	11	24	39.5	252X4-3/8FF-1/2	356711	o. r.
G 1/2	G 1/2	9	12.5	28.5	14	24	63.2	252X4-1/2FF-1/2	356712	o. r.

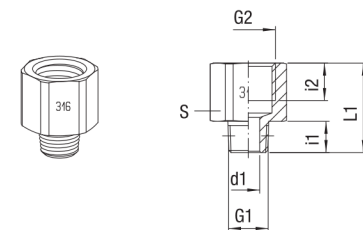
Illustration



Reducer

Price group	13	PN 50	T _{min} -40 °C T _{max} +140 °C	Thread "R" conical, Thread "G" zylindrical		 Stainless steel AISI 316L				
G1	G2	i1	i2	L1	d1	S	Weight in [g]	Type	Order number	Price
R 1/8	G 1/8	7.5	6.5	18	5.5	13	9.2	252X4-1/8K-1/8	256751	o. r.
R 1/8	G 1/4	7.5	9	21.5	5.5	17	17.7	252X4-1/8K-1/4	256752	o. r.
R 1/8	G 3/8	7.5	9.5	23	5.5	19	18.9	252X4-1/8K-3/8	256753	o. r.
R 1/8	G 1/2	7.5	12.5	27.5	5.5	24	38.9	252X4-1/8K-1/2	256754	o. r.
R 1/4	G 1/4	11	9	25	8.2	17	20.4	252X4-1/4K-1/4	256755	o. r.
R 1/4	G 3/8	11	9.5	26	8.2	19	18.3	252X4-1/4K-3/8	256756	o. r.
R 1/4	G 1/2	11	12.5	30.5	8.2	24	39.5	252X4-1/4K-1/2	256757	o. r.
R 3/8	G 3/8	11.5	9.5	26.5	11	19	23.4	252X4-3/8K-3/8	256758	o. r.
R 3/8	G 1/2	11.5	12.5	31	11	24	40.8	252X4-3/8K-1/2	256759	o. r.
R 1/2	G 1/2	14	12.5	33.5	15	24	45.1	252X4-1/2K-1/2	256760	o. r.

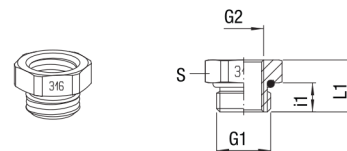
Illustration



Reducer

Price group	13	PN	25	T _{min}	-20 °C	T _{max}	+140 °C	Thread	cylindrical	Seal FKM (FDA-compliant)		NSF	Stainless steel AISI 316L
G1	G2	i1	L1	S	Weight in [g]	Type	Order number	Price					
G 1/4	G 1/8	7	12.5	17	10.1	253X4-1/4FF-1/8	356802	o. r.					
G 3/8	G 1/8	8	13.5	19	17.7	253X4-3/8FF-1/8	356803	o. r.					
G 1/2	G 1/8	9	15.5	24	36.9	253X4-1/2FF-1/8	356804	o. r.					
G 3/8	G 1/4	8	13.5	19	11.7	253X4-3/8FF-1/4	356805	o. r.					
G 1/2	G 1/4	9	15.5	24	30.1	253X4-1/2FF-1/4	356806	o. r.					
G 1/2	G 3/8	9	15.5	24	20.3	253X4-1/2FF-3/8	356807	o. r.					

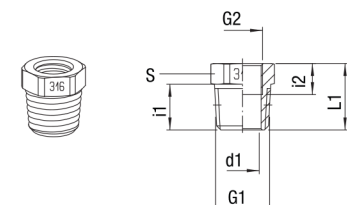
Illustration



Reducer

Price group	13	PN 50	T _{min} -40 °C T _{max} +140 °C	Thread "R" conical, Thread "G" zylindrical					NSF	Stainless steel AISI 316L	
G1	G2	i1	i2	L1	d1	S	Weight in [g]	Type	Order number	Price	
R 1/4	G 1/8	11	7.5	16	8.9	14	8.6	253X4-1/4K-1/8	256852	o. r.	
R 3/8	G 1/8	11.5	7.5	16.5	8.9	17	18.4	253X4-3/8K-1/8	256853	o. r.	
R 1/2	G 1/8	14	7.5	19.5	8.9	22	41.7	253X4-1/2K-1/8	256854	o. r.	
R 3/8	G 1/4	11.5	9	16.5	8.9	17	13.5	253X4-3/8K-1/4	256855	o. r.	
R 1/2	G 1/4	14	11.5	19.5	12	22	33.5	253X4-1/2K-1/4	256856	o. r.	
R 1/2	G 3/8	14	11.5	19.5	15.5	22	37.7	253X4-1/2K-3/8	256857	o. r.	

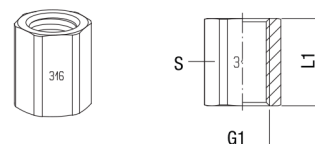
Illustration



Socket

Price group	13	PN 50	T _{min} -40 °C T _{max} +140 °C	Thread cylindrical					Stainless steel AISI 316L
G1	L1	S	Weight in [g]	Type	Order number	Price			
G 1/8	15	13	8.8	254X4-1/8	256902	o. r.			
G 1/4	21	17	20	254X4-1/4	256903	o. r.			
G 3/8	23	19	20	254X4-3/8	256904	o. r.			
G 1/2	30	24	41.5	254X4-1/2	256905	o. r.			

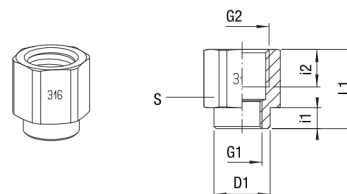
Illustration



Reducing Socket

Price group	13	PN 50	T _{min} -40 °C T _{max} +140 °C	Thread cylindrical					NSF	Stainless steel AISI 316L
G1	G2	i1	i2	L1	D1	S	Weight in [g]	Type	Order number	Price
G 1/8	G 1/4	5	9	19	13.5	17	17.9	255X4-1/8-1/4	256922	o. r.
G 1/8	G 3/8	5.5	9.5	20.5	13.5	19	18	255X4-1/8-3/8	256923	o. r.
G 1/8	G 1/2	5	12.5	25	13.5	24	38.9	255X4-1/8-1/2	256924	o. r.
G 1/4	G 3/8	7.5	9.5	22	17	19	19.7	255X4-1/4-3/8	256925	o. r.
G 1/4	G 1/2	7.5	12.5	27	17	24	39.3	255X4-1/4-1/2	256926	o. r.
G 3/8	G 1/2	7	12.5	27	21	24	38.9	255X4-3/8-1/2	256927	o. r.

Illustration



Blind Plug

Price group	13	PN	25	T _{min}	-20 °C	T _{max}	+140 °C	Thread	cylindrical	Seal FKM (FDA-compliant)		NSF	Stainless steel AISI 316L
G1	i1	L1	D1	t	S	Weight in [g]	Type	Order number	Price				
G 1/8	5	8	13	4	5	4.2	262X4-1/8FF	356522	o. r.				
G 1/4	7	10.5	16	5.5	6	9.2	262X4-1/4FF	356526	o. r.				
G 3/8	8	11.5	20	5.5	8	16.2	262X4-3/8FF	356529	o. r.				
G 1/2	9	13	25	5.5	10	29.4	262X4-1/2FF	356532	o. r.				

Illustration

