

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 $^\circ\text{C}$ to +140 $^\circ\text{C}$ (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.
Approval	NSF/ANSI 169
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	$ \begin{array}{ c c c c c c c c } \hline PN & T_{min} & -40 \ ^{\circ}C \\ \hline T_{max} & +140 \ ^{\circ}C \\ \hline T_{max} & +140 \ ^{\circ}C \\ \hline \end{array} & \mbox{Means that the fitting can be used up to the shown nominal pressure PN} \\ \hline n \ the specified temperature range "T". \\ \hline \end{array} $
	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