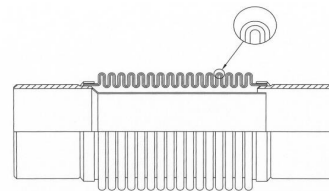


AXIAL EXP. JOINTS
PN 16 ALL STAINLESS
STEEL 304 “GTW4”

FEATURES AND PARTICULARS

The axial expansion joints "GTW4" PN 16, were designed to solve problems related to corrosion of the joints, with normal terminal in carbon steel (rust). They are in fact COMPLETELY IN STAINLESS STEEL 304 and consist of a multiply bellow (up to 2000 cycles life EJMA) in stainless steel 304, with internal sleeve in stainless steel 304 and connected with welding ends in stainless steel 304 (GTW4M), which can be welded flanges, also made in stainless steel 304 (GTW4F), with various type of drilling (UNI PN 10, 16, ANSI 150 ecc.). These joints are ideal to absorb plants axial expansions, that require only the use of stainless steel: sanitatio, hospitals, near the sea (due to salinity), for hot and cold water, steam, thermal oil and fluids compatible with stainless steel and where the terminal carbon steel can not be used!

For other usage don't esitate to contact our technical office, also for ask our catalog "EXPANSION AND DISMANTLING JOINTS", where you can find all technical details, about installations, pressure/temperature diagrams and other information for big diameter metallic joints.



TECHNICAL AND DIMENSIONAL DETAILS

In case of flanged expansion joints (GTW4F), the total length will be added of 10 mm

DN	Length	Axial compression	Axial extension	Total axial movement	PN a 20°C (*)	Effective surface Am
mm	mm	mm	mm	mm	bar	cm2
15	210	-16	+8	24	16	4
20	210	-20	+10	30	16	5
25	210	-22	+10	32	16	8
32	225	-22	+10	32	16	14
40	235	-27	+13	40	16	20
50	255	-30	+15	45	16	32
65	255	-30	+15	45	16	50
80	255	-30	+15	45	16	67
100	285	-33	+17	50	16	109
125	295	-33	+17	50	16	164
150	325	-33	+17	50	16	241
200	335	-33	+17	50	16	419

(*): For others operating temperatures, see the corrective factor table, that you can find in the our catalog "EXPANSION AND DISMANTLING JOINTS".