



### Summary of Test Results

Reference no. : BC-SUMMARY-2017-32

Customer : Tozen (HK) Limited  
 Address : Unit 1607, 16/F., Ho Lik Centre, 66A Sha Tsui Road, Tsuen Wan, Hong Kong  
 Sample description : Stainless Steel Expansion Joint  
 Nominal pressure (PN) : 16  
 Manufacturer : Tozen Corporation  
 Brand name : Tozen  
 Body marking : TOZEN  
 Model no. : JBF-316P  
 Origin : PRC  
 Sample submitted by : Tozen (HK) Limited  
 Test standard : BS EN 12266-1 : 2012  
 Test period : 16 December 2016 to 03 February 2017

#### A) Sample List

DN (mm)	Inch	Specimen no.
20	3/4"	BC0161129-002-MISL
25	1"	BC0161129-003-MISL
32	1-1/4"	BC0161129-004-MISL
40	1-1/2"	BC0161129-005-MISL
50	2"	BC0161129-006-MISL
65	2-1/2"	BC0161129-007-MISL
80	3"	BC0161129-008-MISL
100	4"	BC0161129-009-MISL
125	5"	BC0161129-010-MISL
150	6"	BC0161129-011-MISL
200	8"	BC0161129-012-MISL
250	10"	BC0161129-013-MISL
300	12"	BC0161129-014-MISL

#### B) Test Item

##### 1) Dimensions Check (In-house method based on Manufacturer requirement)

DN (mm)	Inch	Test results	Castco LRN
20	3/4"	Passed	BC0161129-001-MISL
25	1"	Passed	
32	1-1/4"	Passed	
40	1-1/2"	Passed	
50	2"	Passed	
65	2-1/2"	Passed	
80	3"	Passed	
100	4"	Passed	
125	5"	Passed	
150	6"	Passed	
200	8"	Passed	
250	10"	Passed	
300	12"	Passed	

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## B) Test Item (con't)

## 2) Hydrostatic Strength Test (BS EN 12266-1 : 2012 Clause 4 Annex A)

DN (mm)	Inch	Test results	Castco LRN
20	3/4"	Passed	BC0161129-001-MISL
25	1"	Passed	
32	1-1/4"	Passed	
40	1-1/2"	Passed	
50	2"	Passed	
65	2-1/2"	Passed	
80	3"	Passed	
100	4"	Passed	
125	5"	Passed	
150	6"	Passed	
200	8"	Passed	
250	10"	Passed	
300	12"	Passed	

## 3) Burst Pressure Test (In-house method)

DN (mm)	Inch	Test results	Castco LRN
20	3/4"	Passed	BC0161129-001-MISL
25	1"	Passed	
32	1-1/4"	Passed	
40	1-1/2"	Passed	
50	2"	Passed	
65	2-1/2"	Passed	
80	3"	Passed	
100	4"	Passed	
125	5"	Passed	
150	6"	Passed	
200	8"	Passed	
250	10"	Passed	
300	12"	Passed	

## 4) Chemical Composition (BS EN 10088-1 : 2014 Table 2 Grade 1.4401(316))

DN (mm)	Inch	Test results	Castco LRN
20	3/4"	Passed	MS0170202-1
40	1-1/2"	Passed	MS0161223-33
80	3"	Passed	MS0161223-34
150	6"	Passed	MS0161223-35
300	12"	Passed	MS0161223-36

Prepare by :  
Date : 28 February 2017
  
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Review by :  
Date : 28 February 2017
  
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