



# WSAA PRODUCT APPRAISAL CERTIFICATE

## Reece Australia Pty Ltd DIMAX Dismantling Joints

This Appraisal is for a range of Dimax PN16 thrust type dismantling joints in sizes from DN 80 to DN 750. The dismantling joints are manufactured from polymeric coated ductile iron. Other components are Grade 316 stainless steel fasteners and an EPDM seal. The dismantling joints flanges comply with AS/NZS 4087 Figure B5 PN 16.

The thrust type dismantling joint includes a ductile iron long body, short body and middle flange with stainless steel tie rods to provide restraint and activate the EPDM seal.

Quality Certificates, details of products and supplier contacts are included in the attached Schedules A, B and C.

<b>Product Category</b>	Dismantling Joints
<b>PA Number:</b>	PA 2403
<b>Supplier</b>	Reece Australia Pty Ltd
<b>Brand</b>	DIMAX
<b>Standards</b>	-
<b>WSAA Product Specification</b>	WSA PS 284 <i>Dismantling Joints</i>
<b>Issue date</b>	16 May 2024
<b>Expiry date</b>	15 May 2029
<b>Recommendations</b>	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise Dimax DN 80 to DN 750 PN16 thrust type dismantling joints, as detailed in this report, for use in water supply and sewerage pipeline systems provided they are installed in accordance with WSAA codes and manufacturer's requirements.
<b>Disclaimer</b>	The disclaimer on Page 2 explains a number of very important limits on your ability to rely on the information in this Product Appraisal Certificate and the assessment criteria used to underlay it. Please read it carefully and take it into account when considering the content in this Certificate.

## **1. Disclaimer**

This Product Appraisal Certificate (Certificate) is issued by WSAA on the understanding that:

This Certificate applies to the product(s) as submitted in Schedule A. Any changes to the product(s) either minor or major shall void this Certificate.

To maintain the recommendations of this Certificate any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Certificate including the product appraisal criteria underlying it and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Certificates will be reviewed and reissued at regular intervals not exceeding five (5) years.

WSAA reserves the right to withdraw this Certificate at any time in its sole and absolute discretion for any reason.

The following information explains a number of very important limits on your ability to rely on the information in this Certificate. Please read it carefully and take it into account when considering the contents of this Certificate.

Any enquiries regarding this Certificate should be directed to the Product Appraisal Manager Phone: 03 8605 7601 email [carl.radford@wsaa.asn.au](mailto:carl.radford@wsaa.asn.au).

### **1.1. Issue of Certificate**

This Certificate has been published and/or prepared by WSAA and nominated Project Manager and peer group of technical specialists (the Publishers).

The Certificate and the underlying product appraisal criteria have been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Certificate (the Recipients).

By accepting this Certificate, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Certificate and product appraisal criteria underlying it that the Recipient has understood and accepted the terms of this Disclaimer.

### **1.2. Limits on Reliance on Information and Recommendations**

#### **1.2.1. Disclaimer of liability**

Neither the Publisher(s) nor any person involved in the preparation of the Certificate and product appraisal criteria underlying it accept(s) any liability for any loss or damage suffered by any person however caused (including negligence or the omission by any person to do anything) relating in any way to the Certificate or the product appraisal criteria underlying it. This includes (without limitation) any liability for any recommendation or information in the Certificate or any errors or omissions.

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#### **1.2.3. Need for independent assessment**

The information and any recommendation contained (expressly or by implication) in this Certificate are provided in good faith (and subject to the limitations noted in this Certificate). However, you should treat the information as indicative only. You should not rely on that information or any such recommendation except to the extent that you reach an agreement to the contrary with the Publisher(s).

This Certificate does not contain all information that a person might require for the purposes of assessing any product discussed or appraised within it. The product appraisal criteria used in preparing this Certificate may not address all relevant aspects of the Product.

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WSAA has not evaluated the extent of the product liability and professional indemnity insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

### **1.3. No Updating**

Neither the Publisher(s) nor any person involved in the preparation of this Certificate or the product appraisal criteria underlying it [has] [have] any obligation to notify you of any change in the information contained in this Certificate or of any new information concerning the Publisher(s) or the Product or any other matter.

### **1.4. No Warranty**

The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Certificate, or the accuracy, completeness or reasonableness of any recommendation in this Certificate

**QUALITY CERTIFICATIONS**

A copy of the following Quality Certificate is also available from WSAA.

**TABLE B1**

**HEBEI VALVESFIELD TRADE CO LTD – MANAGEMENT SYSTEMS**

ZhongliangPlaza 345 Youyi North Street Shijiazhuang Hebei China	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	0123Q36042R0S/1300
Certifying Agency	China Quality Certification Center
First Date of Certification	7 August 2023
Current Date of Certification	7 August 2023
Expiry Date of Certification	6 August 2026



## DIMAX DISMANTLING JOINT THRUST PN16



### RANGE OVERVIEW

Ductile Iron components for high strength and impact resistance

Fasteners are grade 316 Stainless Steel for long life operation

Thrust type to provide longitudinal restraint

Longitudinal +/- 25mm adjustment

Thermal bonded polymeric coating for long life corrosion protection

Studs are fully threaded and PTFE coated

### DESCRIPTION

Dismantling joints are designed to facilitate the installation and removal of flanged valves, meters and pumps from pipelines.

### GENERAL APPLICATION

Dismantling Joints are used in pipelines where valves may need to be removed for future maintenance or replacement.

### TECHNICAL DATA

**Size Range**  
DN 50 -DN1400

**Allowable Operating Pressure**  
1600 kpa

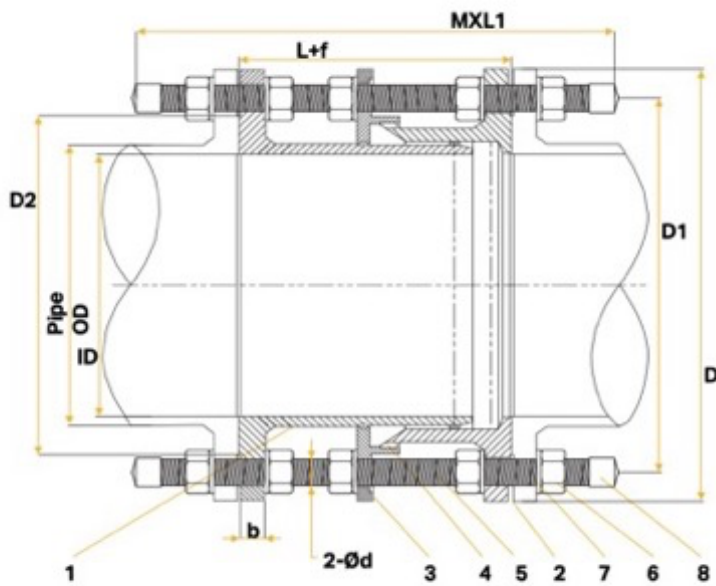
**Working Temperature**  
Max Design Temperature = 70°C  
Potable Water Temperature = 40°C

**End Connections**  
Flanges Drilled to AS 4087 PN16 (BS)

**Coating**  
Fusion Bonded Polymeric Coating to AS4158



# DIMAX DISMANTLING JOINT THRUST PN16



No	Description	Material / Standard
1	Long Flange Body	Ductile Iron
2	Short Flange Body	Ductile Iron
3	Middle Flange	Ductile Iron
4	Seal Ring	EPDM Rubber
5	Stud	316 Stainless Steel PTFE Coated
6	Nut	316 Stainless Steel
7	Washer	316 Stainless Steel
8	Cap	Plastic

NOMINAL SIZE DN	ID	Length		Adjustment	AS 4087 B5						Bolt Size (M)	Weight kg
		L	L1	f	D	D1	D2	b	n	d		
50	44	195	310	+/-25	150	114	90	19	4-	18	M16	10
65	52	195	310	+/-25	165	127	103	19	4-	18	M16	12
80	83	195	340	+/-25	185	146	122	19	4-	18	M16	12
100	101	195	340	+/-25	215	178	154	19	4-	18	M16	16
150	154	200	350	+/-25	280	235	211	19	8-	18	M16	26
200	206	210	350	+/-25	335	292	268	20	8-	18	M16	33
225	230	220	380	+/-25	370	324	300	20	8-	18	M16	40
250	258	220	380	+/-25	405	356	328	22	8-	22	M20	46
300	307	230	400	+/-25	455	406	378	25	12-	22	M20	65
350	359	240	410	+/-25	525	470	438	27	12-	26	M24	84
375	395	250	430	+/-25	550	495	463	28	12-	26	M24	98
400	408	250	430	+/-25	580	521	489	28	12-	26	M24	103
450	456	265	450	+/-25	640	584	552	30	12-	26	M24	127
500	508	275	460	+/-25	705	641	609	32	16-	26	M24	154
600	613	290	500	+/-25	825	756	720	36	16-	30	M27	226
700	711	295	510	+/-25	910	845	809	40	20-	30	M27	263
750	764	320	530	+/-25	995	927	888	41	20-	33	M30	322
800	817	320	560	+/-30	1060	984	942	43	20-	36	M33	380
900	911	320	580	+/-30	1175	1092	1050	47	24-	36	M33	498
1000	1012	325	600	+/-30	1255	1175	1133	50	24-	36	M33	709
1200	1216	355	640	+/-30	1490	1410	1368	57	32-	36	M33	920
1400	1420	380	680	+/-30	1680	1615	1573	50	36-	36	M33	

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Call 1800 032 566 or visit [www.reece.com.au/storesfinder](http://www.reece.com.au/storesfinder) for your nearest branch.

**CERTIFICATIONS**

Flange connection drilled to AS 4087 PN16 (B5)  
Fusion bonded polymeric coating to AS/NZS 4158

## SUPPLIER CONTACTS

### **Reece Australia Pty Ltd**

118 Burwood Highway

Burwood Vic 3125

Web: <https://www.reece.com.au/civil>

### **Viadux:**

Website store locator: <https://www.viadux.com.au/about-us/locations>

### **Reece Civil Stores:**

Website store locator: <https://www.reece.com.au/aboutus/contactus>

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