



Australian  
Standard

# STANDARDSMARK LICENCE

*SAI Global hereby grants to:*

## **Tyco Water Pty Ltd**

**Cnr. Sandford Road and Gibson Stree, WANGARATTA, VIC 3677, Australia**

*“the Licensee” the right to use the STANDARDSMARK as shown above only in respect of the goods described and detailed in the Schedule which are produced by the Licensee or on behalf of the Licensee\* and which comply with the appropriate Standard referred to below as from time to time amended. The Licence is granted subject to the rules governing the use of the STANDARDSMARK and the Terms and Conditions for certification and licence. The Licensee covenants to comply with all the Rules and Terms and Conditions.*

*Manufactured to:*

### **AS 4181:1999 - Stainless steel clamps for waterworks purposes**

*\* For details of manufacture, refer to the licensee*

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**Licence No.:** SMK1785  
**Issue Date:** 17 November 2008

Alex Ezrakhovich - General Manager Certification  
For and on behalf of SAI Global

**Certified Date:** 10 February 1998  
**Expiry Date:** 9 February 2013

Authorised Local Signatory, SAI Global





Australian Standard

# STANDARDSMARK SCHEDULE

## Tyco Water Pty Ltd

ABN75 087 415 745

### Trading As: Wang Components

Cnr Sandford Road & Gibson Street, Wangaratta, VIC 3677

AS4181:1999 - Stainless steel clamps for waterworks purposes

*Model identification of the goods on which the STANDARDSMARK may be used:*

**Plain Repair Clamps:**

Nominal diameter relative to pipe OD and minimum clamp length and maximum operating pressure

NOMINAL DIAMETER DN (MM)	OD PIPE RANGE (MM)	MINIMUM CLAMP LENGTH AS4181-1999 (MM)	MAXIMUM WORKING PRESSURE MPA
50	50 – 70	150	1.6
65	63 – 85	150	1.6
80	76 – 105	150	1.6
100	100 – 150	200	1.6
125	127 – 150	200	1.6
150	150 – 200	200	1.6
200	200 – 245	200	1.6
225	225 – 270	300	1.6
250	250 – 310	300	1.6
300	300 – 380	300	1.6
350	350 – 430	400	1.6
375	400 – 460	400	1.6
400	400 – 480	400	1.6
450	450 – 540	400	1.6
500	500 – 590	400	1.6
525	570 – 600	400	1.6

Licence No.: SMK1785

Issue Date: 4 February 2004

This schedule supersedes all previously issued schedules



# STANDARDSMARK SCHEDULE

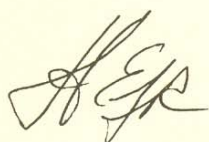
## Repair Clamps with Flanged Off takes:

### Minimum Lengths for Flange Clamps

NOMINAL DIAMETER DN (MM)	OD PIPE RANGE (MM)	FLANGE OUTLET SIZE DN									
		50	65	80	100	125	150	200	225	250	300
50	50-70	300	-	-	-	-	-	-	-	-	-
65	63 – 85	300	300	-	-	-	-	-	-	-	-
80	76 – 105	300	300	400	-	-	-	-	-	-	-
100	100 – 150	400	400	400	400	-	-	-	-	-	-
125	127 – 150	400	400	400	400	400	-	-	-	-	-
150	150 – 200	400	400	400	400	400	400	-	-	-	-
200	200 – 245	400	400	400	400	400	400	600	-	-	-
225	225 – 270	400	400	400	400	400	400	600	600	-	-
250	250 – 310	400	400	400	400	400	400	600	600	600	-
300	300 – 380	400	400	400	400	400	400	600	600	600	800
350	350 – 430	400	400	400	400	400	400	600	600	600	800
375	400 – 460	400	400	400	400	440	400	600	600	600	800
400	400 – 480	400	400	400	400	400	400	600	600	600	800
450	450 – 540	400	400	400	400	400	400	600	600	600	800
500	500 – 590	400	400	400	400	400	400	600	600	600	800
525	570 – 600	400	400	400	400	400	400	600	600	600	800

Pressure: Pressure rating of clamps with flanged off takes is pressure rating of the flange.  
 Maximum pressure rating of flange clamps fitted with Class 14 flange is 1.4 Mpa.

End of Record



Alex Ezrakhovich - General Manager Certification  
 For and on behalf of SAI Global Limited

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# STANDARDSMARK SCHEDULE

## Repair Clamps with BSP Off takes

### Minimum Lengths For Bossed Clamps

NOMINAL DIAMETER DN (MM)	OD PIPE RANGE (MM)	BOSS OUTLET SIZE BSP								
		15	20	25	32	40	50	65	80	100
50	50 – 70	150	150	150	150	-	-	-	-	-
65	63 – 85	150	150	150	150	150	-	-	-	-
80	76 – 105	150	150	150	150	150	-	-	-	-
100	100 – 150	200	200	200	200	200	200	-	-	-
125	127 – 150	220	200	200	200	200	200	-	-	-
150	150 – 200	200	200	200	200	200	200	-	-	-
200	200 – 245	200	200	200	200	200	200	400	400	400
225	225 – 270	300	300	300	300	300	300	400	400	400
250	250 – 310	300	300	300	300	300	300	400	400	400
300	300 – 380	400	400	400	400	400	400	400	400	400
350	350 – 430	400	400	400	400	400	400	400	400	400
375	400 – 460	400	400	400	400	400	400	400	400	400
400	400 – 480	400	400	400	400	400	400	400	400	400
450	450 – 540	400	400	400	400	400	400	400	400	400
500	500 – 590	400	400	400	400	400	400	400	400	400
525	570 – 600	400	400	400	400	400	400	400	400	400

Note: Maximum pressure rating of clamps with BSP off takes is 1.6 MPa.  
Further information refer to Wang product brochure

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