

*Putting Water Where it Counts!*<sup>®</sup>



# Xpando<sup>®</sup> Take-Off Fittings & Director

Made in Australia

[antelco.com](http://antelco.com)

# Xpando® Take-Off Fittings

Antelco Xpando® Take-Off Adaptors are a proven method of connecting low pressure irrigation tubes and drip lines from HDPE and uPVC pipes and sub mains with a Capo® Grommet.

## Features

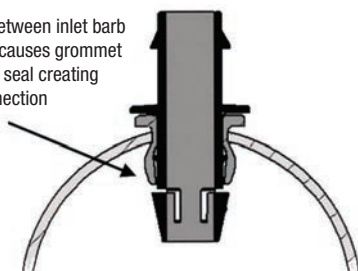
- Easy installation saves time and costs.
- Innovative Xpando® Take-Off Adaptor with collapsible barb prevents pullout and reduces grommet damage during the installation process.
- Capo® Grommet with internal step combines with Xpando® interference barb to hold off-take firmly in place.
- UV stabilised materials for long life.
- Use precision Xpando® Drill Bits to create clean round holes of the correct size to ensure reliable sealing.



## Applications

Agricultural, horticultural, vineyard and landscape applications.

Interference between inlet barb and grommet causes grommet to expand and seal creating a reliable connection



## Ordering Information - Xpando® Take-Off Adaptors







Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Xpando® 10 mm inlet x 13 mm Take-Off	45715	25	65	8.9
Xpando® 10 mm inlet x 14 mm Take-Off (16 OD)	45875	25	65	9.8
Xpando® 10 mm inlet x 15 mm Take-Off (17 OD)	45885	25	56	9.2
Xpando® 13 mm inlet x 13 mm Take-Off	45605	25	60	8.7
Xpando® 13 mm inlet x 14 mm Take-Off (16 OD)	45595	25	60	9.6
Xpando® 13 mm inlet x 15 mm Take-Off (17 OD)	45615	25	48	8.2
Xpando® 16 mm inlet x 16 mm Take-Off (18 OD)	45635	25	35	8.8
Xpando® 16 mm inlet x 18 mm Take-Off (20 OD)	45585	25	32	8.3
Xpando® 19 mm inlet x 18 mm Take-Off (20 OD)	45995	25	26	8.4
Xpando® 19 mm inlet x 19 mm Take-Off	45665	25	26	9.0
Xpando® 19 mm inlet x 21 mm Take-Off (23 OD)	45675	25	24	9.3
Xpando® 19 mm inlet x 25 mm Take-Off (27 OD)	45685	25	18	8.0

## Ordering Information - Capo® Rubber Grommets

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Capo® Rubber Grommet 10 mm	45725	100	40	12.7
Capo® Rubber Grommet 13 mm	45735	100	40	10.5
Capo® Rubber Grommet 16 mm	45745	100	24	10.8
Capo® Rubber Grommet 19 mm	45755	100	18	10.4

## Ordering Information - Xpando® Drill Bits

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
14 mm Drill Bit for 10 mm Xpando®	51835	1	36	1.8
16 mm Drill Bit for 13 mm Xpando®	51845	1	36	2.2
19 mm Drill Bit for 16 mm Xpando®	51855	1	36	2.7
22 mm Drill Bit for 19 mm Xpando®	51865	1	36	3.6

Xpando® Take -Off Adaptor	Min. ID	Min. Wall Thickness	Max. Wall Thickness	Capo® Grommet	Hole Size Drill Bit
					
Xpando® 10 mm x 13 mm	25 mm	1.5 mm	3.6 mm	10 mm (curved)	14 mm
Xpando® 10 mm x 14 mm					
Xpando® 10 mm x 15 mm					
Xpando® 13 mm x 13 mm	40 mm	1.5 mm	2.3 mm	13 mm	16 mm
Xpando® 13 mm x 14 mm					
Xpando® 13 mm x 15 mm					
Xpando® 16 mm x 16 mm	50 mm	1.5 mm	3.6 mm	16 mm	19 mm
Xpando® 16 mm x 18 mm					
Xpando® 19 mm x 18 mm	50 mm	1.5 mm	6.0 mm	19 mm	22 mm
Xpando® 19 mm x 19 mm					
Xpando® 19 mm x 21 mm					
Xpando® 19 mm x 25 mm					



Xpando® Take-Off Adaptor



Capo® Rubber Grommet



Drill Bit for Xpando®

# Xpando® Take-Off Director

Threaded Xpando® Take-Off Directors allow direct connection of threaded sprinkler risers to HDPE and uPVC lateral pipework.

## Features

- Xpando® Take-Off Director features a collapsible barb that prevents pullout and minimises grommet damage during installation.
- 1/2" BSPM thread connection for riser.
- Large 19 mm Take-Off provides minimal friction losses.
- Capo® Grommet with internal step combines with Xpando® interference barb to hold off-take firmly in place.
- Use precision 22 mm Xpando® Drill Bit to create clean round holes of the correct size to ensure reliable sealing.



## Applications

Lateral Take-Off fitting for sprinkler riser installations. Provides a more economical method than the traditional tapping saddle method.

## Ordering Information - Xpando® Director

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Xpando® Director 1/2" BSPM x 19 mm Take-Off	45985	20	20	10.1
Capo® Rubber Grommet 19 mm	45755	100	18	10.4
22 mm Drill Bit for 19 mm Xpando®	51865	1	36	3.6

Xpando® Director	Min. ID	Min. Wall Thickness	Max. Wall Thickness	Capo® Grommet	Hole Size Drill Bit
Xpando® Director 19 mm	50 mm	1.5 mm	6.0 mm	19 mm	22 mm



# Ratchet Clamps

Ratchet Clamps secure low density polyethylene (LDPE) tube to a wide range of fittings.

## Features

- Smooth edges allow assembly by hand.
- Range of sizes to suit most (LDPE) tube connections.
- Sharp serrated teeth provide secure lock and firmly hold tube to fitting.
- Can be twisted and unclamped if required.
- Sizes available to suit dripline tubing.
- Improved ratcheting action and ability to fit to a trellis wire.
- Ratchet Clamps stamped for easy identification.



## Applications

Home gardens and landscaping applications.



Retail Ready Packaging



Ratchet Clamp



## Ordering Information - Ratchet Clamps - Retail Packs

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
13 mm Ratchet Clamp #15	44307	15	30	1.2
19 mm Ratchet Clamp #22	44317	15	25	1.3

\* Retail ready packaging available in tear-off cartons for easy shelf display.

## Ordering Information - Ratchet Clamps - Commercial Packs

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
13 mm Ratchet Clamp #15	44305	100	50	12.4
Ratchet Clamp #17	44345	100	45	11.8
16 mm Ratchet Clamp #18	44335	100	45	11.1
Ratchet Clamp #20	44295	100	40	11.1
19 mm Ratchet Clamp #22	44315	100	35	10.6
Ratchet Clamp #23	44285	100	32	10.6
25 mm Ratchet Clamp #28	44325	100	16	10.1

## Ordering Information - Ratchet Clamps - Projects (Loose product)

Type	Order Code	Quantity Per Carton	Carton (kg)
13 mm Ratchet Clamp #15	44308	5500	13.7
Ratchet Clamp #17	44348	5000	12.7
16 mm Ratchet Clamp #18	44338	5000	12.2
Ratchet Clamp #20	44298	4500	12.1
19 mm Ratchet Clamp #22	44318	4000	11.9
Ratchet Clamp #23	44288	3500	11.3
25 mm Ratchet Clamp #28	44328	1750	10.8

	Suits ID Poly	Tube OD Range	Suits OD Dripline
13 mm Ratchet Clamp #15	13 mm	15 - 16 mm	15 mm
14 mm Ratchet Clamp #17	14 mm	16 - 18 mm	16 - 17 mm
16 mm Ratchet Clamp #18	16 mm	17 - 19 mm	18 mm
18 mm Ratchet Clamp #20	18 mm	19 - 21 mm	20 mm
19 mm Ratchet Clamp #22	19 mm	21 - 23 mm	22 mm
21 mm Ratchet Clamp #23	21 mm	22 - 24 mm	23 mm
25 mm Ratchet Clamp #28	25 mm	27 - 30 mm	27 mm

# Stainless Steel Clamps

Stainless Steel Clamps are a compact range of clamps to suit all Antelco fittings. The innovative design allows one clamp to suit multiple tube sizes.

## Features

- Stamped size for easy identification.
- Easy installation using a range of crimping tools.
- Robust interlocking design.
- Screwless one piece clamp.
- 7mm clamp width for secure seal.
- StepLess® design overlaps on the inner circumference of the clamp eliminating steps and providing a full 360° clamping force.



## Applications

Vineyards, agriculture & commercial irrigation and landscape applications. Suits lateral tubing, dripline tube and LDPE pipe.



Description	Clamp Range	Suits Antelco Fittings
Stainless Steel Clamp 14.5	12.0-14.5 mm	10 mm
Stainless Steel Clamp 17.8	14.6-17.8 mm	13mm 14 mm 15mm
Stainless Steel Clamp 21.0	17.8-21.0 mm	16 mm 17 mm
Stainless Steel Clamp 24.1	20.9-24.1 mm	17 mm 18 mm 19 mm
Stainless Steel Clamp 25.6	22.4-25.6 mm	21 mm
Stainless Steel Clamp 30.1	26.9-30.1 mm	25 mm
Stainless Steel Clamp 31.6	28.4-31.6 mm	25 mm
Stainless Steel Clamp 38.5	35.4-38.6 mm	32 mm

\* Confirm tube specifications with tubing manufacturer.

### Ordering Information - Retail Ready Packs (Packs of 10)

Type	Clamp Range	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Stainless Steel Clamp	14.5 (12.0-14.5 mm)	70567	10	30	1.0
Stainless Steel Clamp	17.8 (14.6-17.8 mm)	70577	10	30	1.2
Stainless Steel Clamp	21.0 (17.8-21.0 mm)	70587	10	30	1.3
Stainless Steel Clamp	24.1 (20.9-24.1 mm)	70597	10	30	1.4
Stainless Steel Clamp	25.6 (22.4-25.6 mm)	70607	10	25	1.2
Stainless Steel Clamp	30.1 (26.9-30.1 mm)	70647	10	25	1.3
Stainless Steel Clamp	31.6 (28.4-31.6 mm)	70617	10	25	1.3
Stainless Steel Clamp	38.5 (35.4-38.6 mm)	70627	10	25	2.0

\* Retail ready packaging available in tear-off cartons for easy shelf display.

### Ordering Information - Commercial Packs (Packs of 50)

Type / Clamp Range	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Stainless Steel Clamp 14.5 (12.0-14.5 mm)	70565	50	35	4.5
Stainless Steel Clamp 17.8 (14.6-17.8 mm)	70575	50	35	5.6
Stainless Steel Clamp 21.0 (17.8-21.0 mm)	70585	50	30	5.3
Stainless Steel Clamp 24.1 (20.9-24.1 mm)	70595	50	25	5.0
Stainless Steel Clamp 25.6 (22.4-25.6 mm)	70605	50	24	5.0
Stainless Steel Clamp 30.1 (26.9-30.1 mm)	70645	50	20	4.7
Stainless Steel Clamp 31.6 (28.4-31.6 mm)	70615	50	15	3.5
Stainless Steel Clamp 38.5 (35.4-38.6 mm)	70625	50	12	4.4

### Ordering Information - Projects (Loose product)

Type / Clamp Range	Order Code	Quantity Per Carton	Carton (kg)
Stainless Steel Clamp 14.5 (12.0-14.5 mm)	70568	3500	8.5
Stainless Steel Clamp 17.8 (14.6-17.8 mm)	70578	2500	7.6
Stainless Steel Clamp 21.0 (17.8-21.0 mm)	70588	2000	6.8
Stainless Steel Clamp 24.1 (20.9-24.1 mm)	70598	1500	5.7
Stainless Steel Clamp 25.6 (22.4-25.6 mm)	70608	1500	6.2
Stainless Steel Clamp 30.1 (26.9-30.1 mm)	70647	1200	5.4
Stainless Steel Clamp 31.6 (28.4-31.6 mm)	70618	1000	4.5
Stainless Steel Clamp 38.5 (35.4-38.6 mm)	70628	700	5.0

### Ordering Information - Crimping Tools

Type	Order Code	Pack Quantity	Packs Per Carton	Carton (kg)
Dawn Crimpers 200 mm (8")	CT108	1	50	19.0
Oetiker Compound Action Pincers	70638	1	1	3.0



Compound Action Pincers



Dawn Industries Crimpers

