

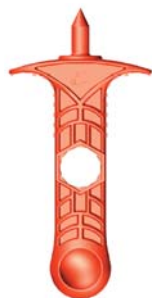
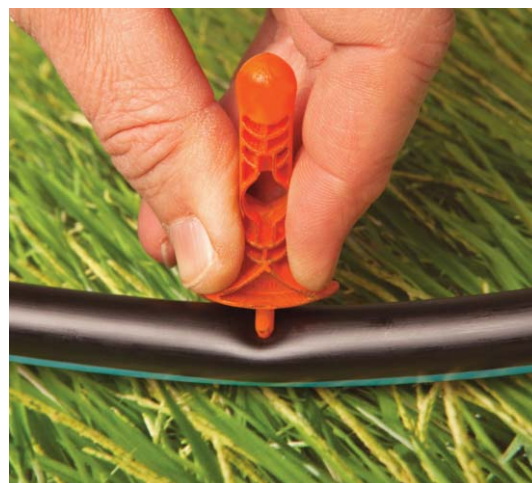
## Rigid Risers, Ratchet Clamps, Repair Plugs, Micro Saddle and Accessories

### FEATURES and BENEFITS

- Risers used to raise emitters above plant foliage.
- Rigid Risers available in three lengths, 200 mm, 300 mm and 450 mm with barbed connection or "FAST" thread connection.
- The Micro Saddle provides secure, leak free attachment to LDPE tube. **(Patented)**  
No tools required. Self Piercing for rapid installation.  
The 4.5 mm Barbed Take-Off adaptor provides connection for micro tube.
- Ratchet Clamps for securing LDPE tube to barbed fittings.
- Repair Plugs for repairing holes in Low Density Polyethylene tubing.
- Universal Key Punch aids in the installation and removal of micro fittings and sprays.

### APPLICATIONS

- Landscaped gardens, greenhouses and vegetable gardens.



Universal Key Punch



Ratchet Clamp  
OD16 - 18



Repair Plugs  
(Rack of 10)



Rigid Riser  
with  
Barbed Adaptor



Rigid Riser  
with "FAST"  
Thread Adaptor



Micro Saddle OD16 - 18 with  
4.5 mm Barbed Take-Off Adaptor



1/2" Blank Nut  
with Washer



3/4" Blank Nut  
with Washer

Rigid Risers, Ratche Clamps, Repair Plugs and Accessories														
PACKAGING		RIGID RISERS with BARBED ADAPTORS			RIGID RISERS with "FAST" THREAD ADAPTORS			RATCHET CLAMPS		MICRO SADDLE	REPAIR PLUGS	1/2" Blank Nut with Washer	3/4" Blank Nut with Washer	UNIVERSAL KEY PUNCH
		200mm	300 mm	450 mm	200 mm	300 mm	450 mm	OD16 -18	OD19 - 21	OD16 -18 with 4.5 mm Barbed Take-Off Adaptor	4.5 mm Barb	1/2" Female Thread	3/4" Female Thread	Hole punch to suit 4.5 mm Barb
Order Codes	Packs	200806	200816	200826	200836	200846	200856	101336	101356	104536	100802	204514	201694	101934
	Bulk	020080	020081	020082	020083	020084	020085	010133	010135	010453	010080	020451	020169	010193
Quantity per Bag	Packs	100	100	100	100	100	100	100	100	100	10	25	25	25
	Bulk	2300	1800	1100	2300	1800	1100	1000	1000	1000	500	500	1250	500
Bags per Carton	Packs	23	18	11	23	18	11	65	50	40	200	90	50	100
	Bulk	1	1	1	1	1	1	6	5	4	5	5	1	6
Weight per Carton (kg)	Packs	12.1	13.6	12.2	12.1	13.6	12.2	14.1	14.2	11.5	8.2	11.2	8.4	11.3
	Bulk	12.0	13.4	12.1	12.0	13.4	12.1	12.8	14.0	11.3	8.5	11.1	7.7	12.9
Dimensions	Height	216 mm	316 mm	466 mm	217 mm	317 mm	467 mm	32 mm	36 mm	43 mm	49 mm	20 mm	19 mm	57 mm
	Width	7.6 mm	7.6 mm	7.6 mm	14 mm	14 mm	14 mm	30 mm	35 mm	30 mm	28 mm	27 mm	33.6 mm	28 mm
	Depth	7.6 mm	7.6 mm	7.6 mm	7.7 mm	7.7 mm	7.7 mm	5.6 mm	6.6 mm	22 mm	8.5 mm	27 mm	33.6 mm	12 mm
	Weight	4.8 g	6.9 g	10.2 g	4.8 g	6.9 g	10.2 g	2.0 g	2.8 g	3.5 g	3.0 g	4.0 g	5.4 g	3.9 g
Material		U.V. Stabilized												