

# Barb

## HWD CONNECTORS

Suitable for heavy wall driplines, our user-friendly and reliable barb connectors prevent leakage for a full range of surface and subsurface drip irrigation installations.



Reliable



High durability



Superb quality

## / Benefits & Features

- ✓ Versatile structure for easy installation and minimal maintenance
- ✓ UV, chemical-resistant polymer body for extended durability
- ✓ Simple design for easy installation and operation, as well as greater labor savings
- ✓ Wide array of reuse, recoiling and subsurface for comprehensive application coverage

## / Specifications

→ In heavy wall driplines 0.9, 1.0 and 1.2mm

### → Technical Data

Connectors for HWD	Dripline	
	Internal Diameter (mm)	Wall Thickness (mm)
<b>Barb</b>		
12	10.2	1.0 - 1.2
16	14.2	0.9 - 1.2
17	14.6	1.2
20	17.5	1.0 - 1.2
25	22.0	1.5

→ Barb Connectors


Brown background represents brown products

\* Catalog number starting with 32500 + (any of next 6 digits)

	ID mm	Wall Thickness		Fits Netafim™ Driplines
		mm	mil	
12 mm	10.2	1.0	39	12010
16 mm	14.2	0.9	35	16009
		1.0	39	16010
		1.2	47	16012
17 mm	14.6	1.2	47	17012
20 mm	17.5	1.0	39	20010
		1.2	47	20012
25 mm	22	1.5		25/4**


\*\* To fit Netafim PE pipes


Barb Coupling		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002200	32500-010735	32500-004280	32500-060000	32500-021500
	50 Units/Bag	32500-002220	32500-010736	32500-004283	32500-060025	-
	100 Units/Bag	32500-002230	32500-010737	32500-004290	32500-060030	-


Barb Reducing Coupling		16-12	17-12	20-12	17-16	20-16	20-17	25-20
	1 Unit	*010800	*004100	*007800	*004250	*007900	*004300	*014830
	50 Units/Bag	*010820	*004120	*007830	*004260	*007920	*004315	-
	100 Units/Bag	*010830	-	-	*004270	*007930	*004330	-


Barb Straight MTH ½"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002300	32500-010900	32500-004400	32500-060800	32500-014801
	50 Units/Bag	32500-002306	32500-010920	32500-004430	-	-
	100 Units/Bag	-	-	32500-004440	-	-


Barb Straight MTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002400	32500-011000	32500-004490	32500-008100	32500-014825
	50 Units/Bag	32500-002420	32500-011020	32500-004492	32500-008120	-
	100 Units/Bag	-	32500-011030	32500-004493	32500-008130	-


Barb Elbow		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003200	32500-012500	32500-050800	32500-010000	32500-022600
	50 Units/Bag	32500-003220	32500-012520	32500-050812	32500-010020	-
	100 Units/Bag	32500-003230	32500-012530	32500-050813	32500-010030	-


Barb Elbow MTH ½"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003300	32500-012700	32500-006000	32500-014500	32500-022650
	50 Units/Bag	32500-003320	32500-012720	32500-006020	32500-014515	-
	100 Units/Bag	-	32500-012730	32500-006030	-	-


Barb Elbow MTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003400	32500-012800	32500-006100	32500-010100	32500-022700
	50 Units/Bag	32500-003420	32500-012820	32500-006120	32500-010110	-
	100 Units/Bag	32500-003430	32500-012830	32500-006130	-	-


Barb Tee		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002500	32500-011300	32500-050700	32500-008400	32500-023700
	50 Units/Bag	32500-002520	32500-011320	32500-050712	32500-008420	-
	100 Units/Bag	32500-002530	32500-011330	32500-050713	32500-008430	-


Barb Reducing Tee		12-16-12	16-12-16	16-20-16	17-16-17	20-12-20	20-16-20	25-20-25
	1 Unit	*002600	*011400	*011500	*005000	*008500	*008600	*014850
	50 Units/Bag	*002620	*011420	*011520	*005020	-	*008610	-
	100 Units/Bag	*002630	-	-	-	-	*008620	-


Barb Tee MTH ½"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002310	32500-011600	32500-004450	32500-014550	32500-023790
	50 Units/Bag	32500-002320	32500-011620	-	-	-
	100 Units/Bag	32500-002330	-	-	-	-


Barb Tee MTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	32500-011800	32500-004800	32500-008800	32500-023800
	50 Units/Bag	-	32500-011820	32500-004820	32500-008820	-
	100 Units/Bag	-	-	32500-004830	32500-008830	-


Barb "Y" MTH ½"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	-	32500-004460	-	-
	50 Units/Bag	-	-	-	-	-
	100 Units/Bag	-	-	32500-004475	-	-


Barb "Y" MTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002800	32500-011200	32500-004600	32500-008300	-
	50 Units/Bag	32500-002810	32500-011220	32500-004620	32500-008320	-
	100 Units/Bag	-	32500-011230	32500-004630	32500-008330	-


Barb "W" MTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002820	32500-012400	32500-005200	32500-009000	-
	50 Units/Bag	32500-002840	32500-012425	32500-005220	32500-009020	-
	100 Units/Bag	-	32500-012430	32500-005230	32500-009030	-


Barb Cross		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003180	32500-012450	32500-006300	-	-
	50 Units/Bag	-	-	32500-006320	-	-
	100 Units/Bag	-	-	32500-006330	-	-

Barb Straight FTHL ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	32500-011100	-	32500-008270	-
	50 Units/Bag	-	32500-011090	-	-	-
	100 Units/Bag	-	32500-011130	-	-	-

Barb Tee FTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	32500-011700	32500-004700	32500-008900	-
	50 Units/Bag	-	32500-011720	32500-004720	32500-008920	-
	100 Units/Bag	-	-	32500-004730	32500-008930	-

Barb Tee FTH 1"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	-	32500-005500	32500-009400	-
	50 Units/Bag	-	-	32500-005520	32500-009420	-
	100 Units/Bag	-	-	32500-005530	32500-009430	-


Barb x3 FTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-002900	32500-011900	32500-005100	32500-009100	-
	50 Units/Bag	32500-002920	32500-011920	32500-005120	32500-009120	-
	100 Units/Bag	-	-	32500-005130	32500-009130	-


Barb x3 FTH 1"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	-	32500-005600	32500-009500	-
	50 Units/Bag	-	-	32500-005610	32500-009520	-
	100 Units/Bag	-	-	32500-005620	32500-009530	-


Brown background represents brown products


ID mm	Wall Thickness		Fits Netafim™ Driplines	
	mm	mil		
12 mm	10.2	1.0	39	12010
16 mm	14.2	0.9	35	16009
		1.0	39	16010
17 mm	14.6	1.2	47	16012
		1.0	39	17012
20 mm	17.5	1.2	47	20010
		1.0	39	20012
25 mm	22	1.5		25/4*


\* To fit Netafim PE pipes

Barb x4 FTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003000	32500-012100	32500-005300	32500-009200	-
	50 Units/Bag	32500-003020	32500-012120	32500-005320	32500-009220	-
	100 Units/Bag	-	-	32500-005330	32500-009230	-

Barb x4 FTH 1"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	-	32500-005700	32500-009600	-
	50 Units/Bag	-	-	32500-005710	32500-009620	-
	100 Units/Bag	-	-	-	32500-009630	-

Barb x6 FTH ¾"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003100	32500-012300	32500-005400	32500-009300	-
	50 Units/Bag	32500-003120	32500-012320	32500-005420	32500-009320	-
	100 Units/Bag	32500-003130	-	32500-005430	32500-009330	-

Barb x6 FTH 1"		12mm	16mm	17mm	20mm	25mm
	1 Unit	-	-	32500-005800	32500-009800	-
	50 Units/Bag	-	-	32500-005810	32500-009820	-
	100 Units/Bag	-	-	-	32500-009830	-

End Line "8"		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003500	32500-013000	32500-013000	32500-014400	-
	50 Units/Bag	32500-003520	32500-013020	32500-013020	32500-014420	-
	100 Units/Bag	32500-003530	32500-013030	32500-013030	32500-014430	-

DL Valve Barb		12mm	16mm	17mm	20mm	25mm
	1 Unit	76220-008680	76220-008700	76220-008800	76220-008900	76220-008920


Barb Connector Tool		16mm & 17mm	20mm
	1 Unit	45000-000004	45000-000005


Brown background represents brown products

ID mm	Wall Thickness		Fits Netafim™ Driplines	
	mm	mil		
12 mm	10.2	1.0	39	12010
16 mm	14.2	0.9	35	16009
		1.0	39	16010
17 mm	14.6	1.2	47	16012
		1.2	47	17012
20 mm	17.5	1.0	39	20010
		1.2	47	20012
25 mm	22	1.5		25/4*

\* To fit Netafim PE pipes

→ Insert Start Connectors for PVC Pipes

Start Connector for PVC Barb W/Seal, Model P		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003706	32500-013770	32500-006620	32500-010470	-
	50 Units/Bag	-	32500-013785	32500-006630	32500-010485	-
	100 Units/Bag	-	-	-	-	-

Start Connector for PVC Barb W/Seal, Model T		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-024000	32500-013700	32500-006700	32500-010300	32500-018400
	50 Units/Bag	-	32500-013720	32500-006720	32500-010330	32500-018420
	100 Units/Bag	-	32500-013730	32500-006730	32500-010340	-


	ID mm	Wall Thickness		Fits Netafim™ Driplines
		mm	mil	
12 mm	10.2	1.0	39	12010
16 mm	14.2	0.9	35	16009
		1.0	39	16010
17 mm	14.6	1.2	47	16012
		1.2	47	16012
20 mm	17.5	1.0	39	20010
		1.2	47	20012
25 mm	22	1.5		25/4*

\* To fit Netafim PE pipes


**Recommended hole for barb start connectors:**

- 16 mm in PVC pipe up to 4mm wall thickness
  - 16.5 mm in PVC pipe with more than 4mm wall thickness
  - 15.5mm in HDPE pipe with Model T
- Model P grommet - maximum WT 3mm
  - Model T grommet - maximum WT 5.5mm
  - The 'P' model is for flow rate of up to 800l/h
  - Photos show assembly with seal. Connectors are delivered with seals not assembled


**Seal for Start Barb Connector Model P**

	1 Unit	32500-010450
	50 Units/Bag	32500-010455
	100 Units/Bag	32500-010460


**Seal for Start Barb Connector Model T**

	1 unit	32000-007000
	50 units/bag	32000-007015
	100 units/bag	32000-007016

**Drill Bit for PVC Pipe**


	16mm	16.5mm
	45000-002755	45000-002756

**Seal EPDM f/16 mm Start Connector f/mines**

	1 Unit	32500-013850
	50 Units/Bag	-
	100 Units/Bag	-


Compatible with 32500-010680  
 Recommended hole for barb start connectors - 19mm  
 45000-002760 in PE pipe up to 10 mm wall thickness

**Barb Coupling**

	16mm	
	1 Unit	32500-010680
	50 Units/Bag	32500-010685
	100 Units/Bag	32500-010690

Maximum working pressure - 3.0bar


→ Start Connectors for PE Pipes 32-75mm

Start Connector for PE Pipe, Barb		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003705	32500-013750	32500-006600	32500-010350	-
	50 Units/Bag	32500-003702	32500-013760	32500-006605	32500-010370	-
	100 Units/Bag	-	32500-013765	32500-006610	32500-010380	-


✓ **Recommended hole for barb start connectors:** 8mm


✓ **Maximum wall thickness:** 6mm without grommet or 3mm with grommet


✓ Installation without grommet suitable only with LDPE / MDPE class 4 & 5


Start connector for PE, Ring (for TWD & MWD)		16mm				
	1 Unit	32500-017770				
	50 Units/Bag	32500-017785				
	100 Units/Bag	32500-017790				


→ Band Start Connectors for PE Pipes 32-50mm

Barb on Saddle to Assemble a Bundled Start Connector		12mm	16mm	17mm	20mm	25mm
	1 Unit	32500-003600	32500-013300	32500-006550	32500-010200	-
	50 Units/Bag	32500-003620	32500-013320	32500-006570	32500-010220	-
	100 Units/Bag	32500-003630	32500-013330	-	-	-


Band to Assemble a Bundled Start Connector		12mm & 16mm	17mm & 20mm
	1 Unit	32500-014000	32500-010500
	50 Units/Bag	32500-014020	32500-010520
	100 Units/Bag	32500-014030	-


Fast 16 on Saddle to Assemble a Bundled Start Connector		
	1 Unit	32500-017800
	50 Units/Bag	32500-017820
	100 Units/Bag	32500-017830

Plug on Saddle to Assemble a Bundled Plug		
	1 Unit	32500-013400
	50 Units/Bag	32500-013420
	100 Units/Bag	-


Seal to Assemble a Bundled Start Connector 12, 16 & 17		
	1 Unit	32500-013900
	50 Units/Bag	32500-013920
	100 Units/Bag	32500-013930

→ Start Screw Connectors for PE 50-75mm

Start Screw Nut Connector for PE, Barb 17		
	1 Unit	32500-007100
	50 Units/Bag	32500-007120
	100 Units/Bag	32500-007130

Start Screw Nut Connector for PE, Fast Body W/O Ring		
	1 Unit	32500-018500
	50 Units/Bag	32500-018510
	100 Units/Bag	32500-018520

● Recommended hole for screw nut start connectors: 12mm

Start Screw Nut Connector for PE, Fast 16 with Blue Ring (for TWD & MWD)		
	1 Unit	32500-018550
	50 Units/Bag	-
	100 Units/Bag	32500-018560

→ 8mm Barb Connectors for 6.3mm ID Driplines (Brown)

Barb Coupling 8 x 8 (Brown)

	1 Unit	32500-002000
	50 Units/Bag	32500-002020
	100 Units/Bag	32500-002030

Barb Elbow 8 x 8 (Brown)

	1 Unit	32500-001900
	50 Units/Bag	32500-001915
	100 Units/Bag	32500-001920

ID mm	Wall Thickness		Fits Netafim™ Driplines
	mm	mil	
6.3	0.8	32	Microdrip 8

Recommended hole: 3 mm

Barb Tee 8 x 8 x 8

	1 Unit	32500-002100
	50 Units/Bag	32500-002115
	100 Units/Bag	32500-002120

Press - Fit 8 - Barb / Male (Brown)

	1 Unit	32500-040000
	50 Units/Bag	-
	100 Units/Bag	-

Press - Fit 8 - Barb / Female (Brown)

	1 Unit	32500-040100
	50 Units/Bag	-
	100 Units/Bag	-

→ 5mm Barb Connectors for 3.0mm ID Micro-Tubes

Barb Tee 5 x 5 x 5 / (Black)

	1 Unit	32500-001500
	50 Units/Bag	32500-001520
	100 Units/Bag	32500-001530
	1000 Units/Bag	32500-001540

Barb Tee 5 x 5 x 5 / (Brown)

	1 Unit	32500-001600
	50 Units/Bag	32500-001620
	100 Units/Bag	-
	1000 Units/Bag	-

ID mm	Wall Thickness		Fits Netafim™ Driplines
	mm	mil	
3.2	0.8	32	3x5 Blank Micro - Tube

\* To connect a PE pipe to a micro-tube 3 x 5 or to a manifold

Barb Tee TH 5 X 2 / (Black)

	1 Unit	32500-001300
	50 Units/Bag	32500-001320
	100 Units/Bag	32500-001330
	1000 Units/Bag	32500-001340

Barb Tee TH 5 X 2 / (Brown)

	1 Unit	32500-001400
	50 Units/Bag	-
	100 Units/Bag	-
	1000 Units/Bag	-

Press - Fit Barb / Male \*

	1 Unit	32000-001900
	50 Units/Bag	32000-001920
	100 Units/Bag	32000-001930

Press - Fit Barb / Male (Brown) \*

	1 Unit	32000-001850
	50 Units/Bag	32000-001860
	100 Units/Bag	32000-001870

Barb/TH Start Connector 5mm

	1 Unit	32500-001100
	50 Units/Bag	32500-001110
	100 Units/Bag	-
	1000 Units/Bag	32500-001140

Tee TH 5 x 5 x 5

	1 Unit	32500-001700
	50 Units/Bag	32500-001720
	100 Units/Bag	32500-001730
	1000 Units/Bag	32500-001740