

# ULTRA-FLEX™ HOSE ENDS

## SHORT NUT

## HOSE & HOSE ENDS

Ultra-Flex Hose ends have been developed by Earl's to be used with our Ultra-Flex 650™ hose. The crimp design offers our lightest alternative in plumbing a race engine. The Mil Spec Type III hard anodizing also is impregnated with Teflon® to significantly reduce friction of the fluids running through the line assemblies. The advantages of the smooth bore teflon hose no longer ends at the hose end, but continues through the entire assembly!



**NEW!**



PART NO. STRAIGHT	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
650104ERL	4	4	4
650106ERL	6	6	6
650108ERL	8	8	8
650110ERL	10	10	10
650112ERL	12	12	12
650116ERL	16	16	16



PART NO. 90° LOW PROFILE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
659004ERL	4	4	4
659006ERL	6	6	6
659008ERL	8	8	8
659010ERL	10	10	10
659012ERL	12	12	12
659016ERL	16	16	16



PART NO. 30°	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
653004ERL	4	4	4
653006ERL	6	6	6
653008ERL	8	8	8
653010ERL	10	10	10
653012ERL	12	12	12
653016ERL	16	16	16



PART NO. 90° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
659104ERL	4	4	4
659106ERL	6	6	6
659108ERL	8	8	8
659110ERL	10	10	10
659112ERL	12	12	12
659116ERL	16	16	16



PART NO. 45° LOW PROFILE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
654504ERL	4	4	4
654506ERL	6	6	6
654508ERL	8	8	8
654510ERL	10	10	10
654512ERL	12	12	12
654516ERL	16	16	16



PART NO. 120° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
652004ERL	4	4	4
652006ERL	6	6	6
652008ERL	8	8	8
652010ERL	10	10	10
652012ERL	12	12	12
652016ERL	16	16	16



PART NO. 45° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
654604ERL	4	4	4
654606ERL	6	6	6
654608ERL	8	8	8
654610ERL	10	10	10
654612ERL	12	12	12
654616ERL	16	16	16



PART NO. 150° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
655004ERL	4	4	4
655006ERL	6	6	6
655008ERL	8	8	8
655010ERL	10	10	10
655012ERL	12	12	12
655016ERL	16	16	16



PART NO. 60° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
656004ERL	4	4	4
656006ERL	6	6	6
656008ERL	8	8	8
656010ERL	10	10	10
656012ERL	12	12	12
656016ERL	16	16	16



PART NO. 180° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
658004ERL	4	4	4
658006ERL	6	6	6
658008ERL	8	8	8
658010ERL	10	10	10
658012ERL	12	12	12
658016ERL	16	16	16

HOSE & HOSE ENDS

NOTE: Collars included with hose ends

Crimper & Accessories pg. 9,10  
Crimping Instructions on pg. 118,119

NOTE: 65 Series have a short nut

# ULTRA-FLEX™ HOSE ENDS

STANDARD NUT

## HOSE & HOSE ENDS



Ultra-Flex Hose ends have been developed by Earl's to be used with our Ultra-Flex 650™ hose. The crimp design offers our lightest alternative in plumbing a race engine. The Mil Spec Type III hard anodizing also is impregnated with Teflon® to significantly reduce friction of the fluids running through the line assemblies. The advantages of the smooth bore teflon hose no longer ends at the hose end, but continues through the entire assembly!



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670104ERL	4	4	4
670106ERL	6	6	6
670108ERL	8	8	8
670110ERL	10	10	10
670112ERL	12	12	12
670116ERL	16	16	16



PART NO. 30°	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
673004ERL	4	4	4
673006ERL	6	6	6
673008ERL	8	8	8
673010ERL	10	10	10
673012ERL	12	12	12
673016ERL	16	16	16



PART NO. 45° LOW PROFILE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
674504ERL	4	4	4
674506ERL	6	6	6
674508ERL	8	8	8
654510ERL	10	10	10
674512ERL	12	12	12
674516ERL	16	16	16



PART NO. 45° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
674604ERL	4	4	4
674606ERL	6	6	6
674608ERL	8	8	8
674610ERL	10	10	10
674612ERL	12	12	12
674616ERL	16	16	16



PART NO. 60° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
676004ERL	4	4	4
676006ERL	6	6	6
676008ERL	8	8	8
676010ERL	10	10	10
676012ERL	12	12	12
676016ERL	16	16	16



PART NO. 90° LOW PROFILE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
679004ERL	4	4	4
679006ERL	6	6	6
679008ERL	8	8	8
679010ERL	10	10	10
679012ERL	12	12	12
679016ERL	16	16	16



PART NO. 90° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
679104ERL	4	4	4
679106ERL	6	6	6
679108ERL	8	8	8
679110ERL	10	10	10
679112ERL	12	12	12
679116ERL	16	16	16



PART NO. 120° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
672004ERL	4	4	4
672006ERL	6	6	6
672008ERL	8	8	8
672010ERL	10	10	10
672012ERL	12	12	12
672016ERL	16	16	16



PART NO. 150° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
675004ERL	4	4	4
675006ERL	6	6	6
675008ERL	8	8	8
675010ERL	10	10	10
675012ERL	12	12	12
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PART NO. 180° TUBE	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
678004ERL	4	4	4
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678008ERL	8	8	8
678010ERL	10	10	10
678012ERL	12	12	12
678016ERL	16	16	16

**NOTE:** Collars included with hose ends

Crimper & Accessories pg. 9,10  
Crimping Instructions on pg. 118,119

**NOTE:** 67 Series have a standard length nut and are recommended for most racing applications.

tech line: 310-609-1602

### ULTRA-FLEX™ QD HOSE ENDS

Manufactured to be used with Earl's new Ultra-Flex 650™ hose, Earl's QD hose ends are made to reduce time, space and weight issues in certain racing situations. These hose ends are threadless and the male and female designs are manufactured for smooth and effortless installations every time. They are coupled by a threadless clamshell closure that is manufactured by the leader in the industry – Adel Wiggins. Earl's QD hose ends are plated with the same Mil-Spec III hard anodizing and our exclusive Teflon® impregnation for a great reduction in the fluid flow friction. Our male ends also come with plasma coated nitrile o-rings installed for longer life.

**NEW!**



#### Male

PART NO. STRAIGHT	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
670408ERL	8	8	8
670410ERL	10	10	10
670412ERL	12	12	12

PART NO. 30°	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
674308ERL	8	8	8
674310ERL	10	10	10
674312ERL	12	12	12

PART NO. 90°	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
678808ERL	8	8	8
678810ERL	10	10	10
678812ERL	12	12	12

#### Female

PART NO. STRAIGHT	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
670508ERL	8	8	8
670510ERL	10	10	10
670512ERL	12	12	12

PART NO. 30°	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
674408ERL	8	8	8
674410ERL	10	10	10
674412ERL	12	12	12

PART NO. 90°	HOSE END SIZE	USE HOSE SIZE	ADAPTER SIZE
678908ERL	8	8	8
678910ERL	10	10	10
678912ERL	12	12	12

Straight (male)



45° (male)



90° (male)



Straight (female)



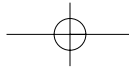
45° (female)



90° (female)



Crimper & Accessories pg. 9,10



**NEW PRODUCT INNOVATIONS**



**#1 IN PERFORMANCE PLUMBING**

## ULTRA-FLEX™ QD HOSE ENDS

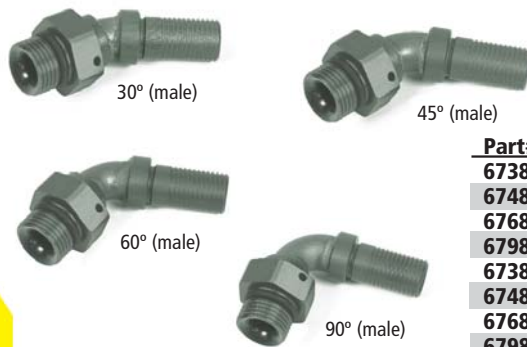
Manufactured to be used with Earl's new Ultra-Flex 650™ hose, Earl's QD hose ends are made to reduce time, space and weight issues in certain racing situations. These hose ends are threadless and the male and female designs are manufactured for smooth and effortless installations every time. They are coupled by a threadless clamshell closure that is manufactured by the leader in the industry – Adel Wiggins. Earl's QD hose ends are plated with the same Mil-Spec III hard anodizing and our exclusive Teflon® impregnation for a great reduction in the fluid flow friction. Our male ends also come with plasma coated nitrile o-rings installed for longer life.

Part#	Description
670416ERL	-16 Ultra-Flex Male Str Wiggins Hose End
670516ERL	-16 Ultra-Flex Female Str Wiggins Hose End
674316ERL	-16 Ultra-Flex Male 45° Wiggins Hose End
674416ERL	-16 Ultra-Flex Female 45° Wiggins Hose End
678816ERL	-16 Ultra-Flex Male 90° Wiggins Hose End
678916ERL	-16 Ultra-Flex Female 90° Wiggins Hose End
W99108ERL	-8 Wiggins Connector
W99110ERL	-10 Wiggins Connector
W99112ERL	-12 Wiggins Connector
W99116ERL	-16 Wiggins Connector



## ULTRA-FLEX™ MALE AN THREAD HOSE ENDS

Earl's new Male AN Ultra-Flex hose ends eliminate the need for an adapter so they provide a lower profile where space is limited. The male AN thread swivels for easy installation and seals on a Buna o-ring. The traditional hex sizes have also been reduced to save weight and the port side is contoured for increased flow.



Part#	Description
673810ERL	30° -10 Male AN O-Ring Swivel to -10 UF
674810ERL	45° -10 Male AN O-Ring Swivel to -10 UF
676810ERL	60° -10 Male AN O-Ring Swivel to -10 UF
679810ERL	90° -10 Male AN O-Ring Swivel to -10 UF
673812ERL	30° -12 Male AN O-Ring Swivel to -12 UF
674812ERL	45° -12 Male AN O-Ring Swivel to -12 UF
676812ERL	60° -12 Male AN O-Ring Swivel to -12 UF
679812ERL	90° -12 Male AN O-Ring Swivel to -12 UF

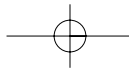
## ULTRA-FLEX™ -12 OIL PAN BANJO



This oil pan banjo and bolt has a very low profile to help with ground to pan height issues. It is fully adjustable and is mated to the highest flowing hose on the market today. Parts are all plated in Type III, class 1 hard anodizing for toughness and the bolt and banjo are also Teflon impregnated for increased flow. A debris screen can be added as an option for ultimate protection. Banjo, bolt and screen are sold separately.

Part#	Description
677612ERL	-12 Ultra-Flex Oil Pan Banjo
997612ERL	-12 Ultra-Flex Oil Pan Banjo Bolt Set
230122ERL	997612ERL Banjo Bolt Screen

[www.earlplumbing.com](http://www.earlplumbing.com) | Techline: 310-609-1602



## HAND HELD HOSE CUTTER

Stop wasting time and material with jagged or angled cuts on your hose assemblies. This hose cutter puts precision accuracy in the palm of your hand. The special v-block ensures a straight clean cut every time. This hand held cutter will cut Earl's Super Stock™, Pro-Lite 350™ and even our new Ultra-Flex 650™ Kevlar hose. This tool weighs only 12 oz. and the best part is that the blade is dual functioning. When one edge becomes dull simply rotate the blade and you have a fresh blade ready for hundreds of cuts.



D022ERL

## REPLACEMENT HOSE CUTTER BLADE

Earl's also carries a 5 blade (10 with rotation) replacement set.



D023ERL

## REPLACEMENT CRIMP COLLARS

PART NO.	HOSE END SIZE	PART NO.	HOSE END SIZE
698043ERL	-4	698103ERL	-10
698063ERL	-6	698123ERL	-12
698083ERL	-8	698163ERL	-16



### CRIMPING ACCESSORIES

Earl's offers a full line of crimping accessories and an exclusively built mobile crimper for assembling all of our Ultra-Flex 650™ hose and Ultra-Flex™ hose ends. A complete set of dies covering all sizes -4 through -16, die ring, optional air over oil pump for direct air source, and a custom mounting plate are available. The perfect lasting investment for all of your Ultra-Flex assembly needs.

- Crimper has a cast aluminum body that weighs only 42 lbs!
- Manual pump (provided) or optional air over oil pump for direct air source.
- Full cycle time of 20 seconds to 3 minutes depending on what hose end or size of the hose is used.
- 10,000 PSI crimp force on the collar.
- Completely mobile.
- All parts designed exclusively for Earl's for the Ultra-Flex line.

**NEW!**

PART #	DESCRIPTION
D032ERL	Ultra-Flex crimping machine
D03200ERL	D032 Mounting Plate
D03201ERL	D032 Crimper Die Ring
D03202ERL	D032 Air over Oil Pump
D03204ERL	-4 Ultra-Flex die set
D03206ERL	-6 Ultra-Flex die set
D03208ERL	-8 Ultra-Flex die set
D03210ERL	-10 Ultra-Flex die set
D03212ERL	-12 Ultra-Flex die set
D03216ERL	-16 Ultra-Flex die set



**D032ERL**  
Ultra-Flex crimping machine



**D032\_ ERL**  
Ultra-Flex die set

**D03201ERL**  
D032 Crimper Die Ring



**D03202ERL**  
D032 Air over Oil Pump



**D03200ERL**  
D032 Mounting Plate

Crimping Instructions on pg. 118,119