

METRIC ITEMS

Sec. 7

Inch Fractions and Decimals to Metric Equivalents

Inches			Inches			Inches		
Fractions	Decimals	mm	Fractions	Decimals	mm	Fractions	Decimals	mm
—	.0004	.01	31/64	.48437	12.303	—	1.1417	29
—	.004	.10	—	.492	12.5	1-5/32	1.156	29.369
—	.01	.25	1/2	.500	12.700	—	1.1811	30
1/64	.0156	.397	—	.5118	13	1-3/16	1.1875	30.163
—	.0197	.50	33/64	.5156	13.097	1-7/32	1.219	30.956
—	.0295	.75	17/32	.53125	13.494	—	1.2205	31
1/32	.03125	.794	35/64	.54687	13.891	1-1/4	1.250	31.750
—	.0394	1	—	.5512	14	—	1.2598	32
3/64	.0469	1.191	9/16	.5625	14.288	1-9/32	1.281	32.544
—	.059	1.5	—	.571	14.5	—	1.2992	33
1/16	.0625	1.588	37/64	.57812	14.684	1-5/16	1.312	33.338
5/64	.0781	1.984	—	.5906	15	—	1.3386	34
—	.0787	2	19/32	.59375	15.081	1-11/32	1.344	34.131
3/32	.094	2.381	39/64	.60937	15.478	1-3/8	1.375	34.925
—	.0984	2.5	5/8	.6250	15.875	—	1.3779	35
7/64	.1093	2.776	—	.6299	16	1-13/32	1.406	35.719
—	.1181	3	41/64	.6406	16.272	—	1.4173	36
1/8	.1250	3.175	—	.6496	16.5	1-7/16	1.438	36.513
—	.1378	3.5	21/32	.65625	16.669	—	1.4567	37
9/64	.1406	3.572	—	.6693	17	1-15/32	1.469	37.306
5/32	.15625	3.969	43/64	.67187	17.066	—	1.4961	38
—	.1575	4	11/16	.6875	17.463	1-1/2	1.500	38.100
11/64	.17187	4.366	45/64	.7031	17.859	1-17/32	1.531	38.894
—	.177	4.5	—	.7087	18	—	1.5354	39
3/16	.1875	4.763	23/32	.71875	18.256	1-9/16	1.562	39.688
—	.1969	5	—	.7283	18.5	—	1.5748	40
13/64	.2031	5.159	47/64	.73437	18.653	1-19/32	1.594	40.481
—	.2165	5.5	—	.7480	19	—	1.6142	41
7/32	.21875	5.556	3/4	.7500	19.050	1-5/8	1.625	41.275
15/64	.23437	5.953	49/64	.7656	19.447	—	1.6535	42
—	.2362	6	25/32	.78125	19.844	1-21/32	1.6562	42.069
1/4	.2500	6.350	—	.7874	20	1-11/16	1.6875	42.863
—	.2559	6.5	51/64	.79687	20.241	—	1.6929	43
17/64	.2656	6.747	13/16	.8125	20.638	1-21/32	1.719	43.656
—	.2756	7	—	.8268	21	—	1.7323	44
9/32	.28125	7.144	53/64	.8281	21.034	1-3/4	1.750	44.450
—	.2953	7.5	27/32	.84375	21.431	—	1.7717	45
19/64	.29687	7.541	55/64	.85937	21.828	1-25/32	1.781	45.244
5/16	.3125	7.938	—	.8662	22	—	1.8110	46
—	.3150	8	7/8	.8750	22.225	1-13/16	1.8125	46.038
21/64	.3281	8.334	57/64	.8906	22.622	1-27/32	1.844	46.831
—	.335	8.5	—	.9055	23	—	1.8504	47
11/32	.34375	8.731	29/32	.90625	23.019	1-7/8	1.875	47.625
—	.3543	9	59/64	.92187	23.416	—	1.8898	48
23/64	.35937	9.128	15/16	.9375	23.813	1-29/32	1.9062	48.419
—	.374	9.5	—	.9449	24	—	1.9291	49
3/8	.3750	9.525	61/64	.9531	24.209	1-15/16	1.9375	49.213
25/64	.3906	9.922	31/32	.96875	24.606	—	1.9685	50
—	.3937	10	—	.9843	25	1-31/32	1.969	50.006
13/32	.4062	10.319	1	1.000	25.4	2	2.000	50.800
—	.413	10.5	—	1.0236	26	—	2.0079	51
27/64	.42187	10.716	1-1/32	1.0312	26.194	—	2.0472	52
—	.4331	11	1-1/16	1.062	26.988	2-1/16	2.062	52.388
7/16	.4375	11.113	—	1.063	27	—	2.0866	53
29/64	.4531	11.509	1-3/32	1.094	27.781	2-1/8	2.125	53.975
15/32	.46875	11.906	—	1.1024	28	—	2.126	54
—	.4724	12	1-1/8	1.125	28.575	—	2.165	55

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METRIC ITEMS

Inch Fractions and Decimals to Metric Equivalents

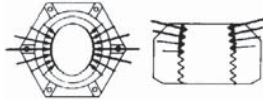
Inches			Inches			Inches		
Fractions	Decimals	mm	Fractions	Decimals	mm	Fractions	Decimals	mm
2-3/16	2.1875	55.563	————	3.1496	80	4-1/4	4.250	107.950
————	2.2047	56	3-3/16	3.1875	80.963	4-5/16	4.312	109.538
————	2.244	57	————	3.1890	81	————	4.3307	110
2-1/4	2.250	57.150	————	3.2283	82	4-3/8	4.375	111.125
————	2.2835	58	3-1/4	3.250	82.550	4-7/16	4.438	112.713
2/5-16	2.312	58.738	————	3.2677	83	4-1/2	4.500	114.300
————	2.3228	59	————	3.3071	84	————	4.5275	115
————	2.3622	60	3-5/16	3.312	84.1377	4-9/16	4.562	115.888
2-3/8	2.375	60.325	————	3.3464	85	4-5/8	4.625	117.475
————	2.4016	61	3-3/8	3.375	85.725	————	4.7244	120
2-7/16	2.438	61.913	————	3.3858	86	4-3/4	4.750	120.650
————	2.4409	62	————	3.4252	87	4-7/8	4.875	123.825
————	2.4803	63	3-7/16	3.438	87.313	————	4.9212	125
2-1/2	2.500	63.500	————	3.4646	88	5	5.000	127
————	2.5197	64	3-1/2	3.500	88.900	————	5.1181	130
————	2.559	65	————	3.5039	89	5-1/4	5.250	133.350
2-9/16	2.562	65.088	————	3.5433	90	5-1/2	5.500	139.700
————	2.5984	66	3-9/16	3.562	90.4877	————	5.5118	140
2-5/8	2.625	66.675	————	3.5827	91	5-3/4	5.750	146.050
————	2.638	67	————	3.622	92	————	5.9055	150
————	2.6772	68	3-5/8	3.625	92.075	6	6.00	152.400
2-11/16	2.6875	68.263	————	3.6614	93	6-1/4	6.250	158.750
————	2.7165	69	3-11/16	3.6875	93.663	————	6.2992	160
2-3/4	2.750	69.850	————	3.7008	94	6-1/2	6.500	165.100
————	2.7559	70	————	3.7401	95	————	6.6929	170
————	2.7953	71	3-3/4	3.750	95.250	6-3/4	6.750	171.450
2-13/16	2.8125	71.438	————	3.7795	96	7	7.000	177.800
————	2.8346	72	3-13/16	3.8125	96.838	————	7.0866	180
————	2.8740	73	————	3.8189	97	————	7.4803	190
2-7/8	2.875	73.025	————	3.8583	98	7-1/2	7.500	190.500
————	2.9134	74	3-7/8	3.875	98.425	————	7.8740	200
2-15/16	2.9375	74.613	————	3.8976	99	8	8.000	203.200
————	2.9527	75	————	3.9370	100	————	8.2677	210
————	2.9921	76	3-15/16	3.9375	100.013	8-1/2	8.500	215.900
3	3.000	76.200	————	3.9764	101	————	8.6614	220
————	3.0315	77	4	4.000	101.600	9	9.000	228.600
3-1/16	3.062	77.788	4-1/16	4.062	103.188	————	9.0551	230
————	3.0709	78	4-1/8	4.125	104.775	————	9.4488	240
————	3.1102	79	————	4.1338	105	9-1/2	9.500	241.300
3-1/8	3.125	79.375	4-3/16	4.1875	106.363	————	9.8425	250

U.S. STANDARD GAUGE CHART

Gauge	Decimal Size	Gauge	Decimal Size	Gauge	Decimal Size	Gauge	Decimal Size
7	.188"	14	.078"	21	.034"	28	.016"
8	.172"	15	.070"	22	.031"	29	.014"
9	.156"	16	.063"	23	.028"	30	.013"
10	.141"	17	.056"	24	.025"	31	.011"
11	.125"	18	.050"	25	.022"		
12	.109"	19	.044"	26	.019"		
13	.094"	20	.038"	27	.017"		

NUTS

Prevailing Torque Lock Nuts Grade 8 • Cad and Waxed



Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
12697	1/4"-20 USS	7/16"	50
12705	1/4"-28 SAE	7/16"	50
12698	5/16"-18 USS	1/2"	50
12699	3/8"-16 USS	9/16"	50
12707	3/8"-24 SAE	9/16"	50
12700	7/16"-14 USS	11/16"	50
12708	7/16"-20 SAE	11/16"	50
12701	1/2"-13 USS	3/4"	25
12709	1/2"-20 SAE	3/4"	25
12710	9/16"-18 SAE	7/8"	25
12703	5/8"-11 USS	15/16"	10
12711	5/8"-18 SAE	15/16"	10
12704	3/4"-10 USS	1-1/8"	10



Hexagon Machine Screw Nuts Zinc Plated Steel

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
727	6-32	5/16"	100
728	8-32	11/32"	100
729	10-32	3/8"	100
730	10-24	3/8"	100
731	12-24	7/16"	100
733	1/4"-20	7/16"	100



Reversible Lock Nuts Grade 2 • Zinc Plated

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
11740	1/4"-20	7/16"	100
11741	5/16"-18	1/2"	100
11742	3/8"-16	9/16"	50
11743	1/2"-13	3/4"	25
11744	5/8"-11	15/16"	25



Hexagon Machine Screw Nuts Double Chamfered • Plain Brass

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
3868	10-24 USS	3/8"	100



Slotted Hex Nuts Zinc Finish

Auveco Part No.	Thread Size	Hex Width	Slot Width	Unit Pkg.
12723	5/8"-18	15/16"	3/16"-15/64"	25



Nylon Insert Lock Nuts Grade 2 • Zinc Plated

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
9535	8-32	11/32"	100
9536	10-24 USS	3/8"	100
9537	10-32 SAE	3/8"	100
9538	12-24	7/16"	100
9539	1/4"-20 USS	7/16"	100
9540	1/4"-28 SAE	7/16"	100
9541	5/16"-18 USS	1/2"	50
9542	5/16"-24 SAE	1/2"	50
9543	3/8"-16 USS	9/16"	50
9544	3/8"-24 SAE	9/16"	50
9545	7/16"-14 USS	5/8"	50
9546	7/16"-20 SAE	5/8"	50
9547	1/2"-13 USS	3/4"	50
9548	1/2"-20 SAE	3/4"	50
15863	5/8"-11 USS	15/16"	25
15864	5/8"-18 SAE	15/16"	25
15865	3/4"-10 USS	1-1/8"	25



Finished USS (Coarse) & SAE (Fine) Hexagon Nuts Grade 2 • Zinc Plated

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
3541	1/4"-20 USS	7/16"	100
3542	1/4"-28 SAE	7/16"	100
3543	5/16"-18 USS	1/2"	100
3544	5/16"-24 SAE	1/2"	100
3545	3/8"-16 USS	9/16"	100
3546	3/8"-24 SAE	9/16"	100
3547	7/16"-14 USS	11/16"	100
3548	7/16"-20 SAE	11/16"	100
3549	1/2"-13 USS	3/4"	100
3550	1/2"-20 SAE	3/4"	100
8659	9/16"-12 USS	7/8"	50
8660	9/16"-18 SAE	7/8"	50
8661	5/8"-11 USS	15/16"	50
8662	5/8"-18 SAE	15/16"	50
8663	3/4"-10 USS	1-1/8"	50

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Finished USS (Coarse) & SAE (Fine) Hex Nuts
Grade 5 • Zinc Plated



Fully Certified for S.A.E. J995 Standard
Proof Load: 120,000 PSI
C32 Max. Rockwell Hardness

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
15586	1/4"-20 USS	7/16"	100
15595	1/4"-28 SAE	7/16"	100
15587	5/16"-18 USS	1/2"	100
15596	5/16"-24 SAE	1/2"	100
15588	3/8"-16 USS	9/16"	100
15597	3/8"-24 SAE	9/16"	100
15589	7/16"-14 USS	11/16"	50
15598	7/16"-20 SAE	11/16"	50
15590	1/2"-13 USS	3/4"	50
15599	1/2"-20 SAE	3/4"	50
16981	9/16"-12 USS	7/8"	25
15591	5/8"-11 USS	15/16"	25
15592	3/4"-10 USS	1-1/8"	25
15601	3/4"-16 SAE	1-1/8"	25
15594	1"-8 USS	1-15/32"	10



Finished USS (Coarse) & SAE (Fine) Hexagon Nuts
Grade 8 • Zinc & Yellow Plated
High Alloy

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
9300	1/4"-20 USS	7/16"	100
9307	1/4"-28 SAE	7/16"	100
9301	5/16"-18 USS	1/2"	100
9308	5/16"-24 SAE	1/2"	100
9302	3/8"-16 USS	9/16"	100
9309	3/8"-24 SAE	9/16"	100
9303	7/16"-14 USS	11/16"	50
9310	7/16"-20 SAE	11/16"	50
9304	1/2"-13 USS	3/4"	50
9311	1/2"-20 SAE	3/4"	50
9305	5/8"-11 USS	15/16"	25
9312	5/8"-18 SAE	15/16"	25
9306	3/4"-10 USS	1-1/8"	25

Refer to assortments 1020, 1021, 1030 & 1031 in the green pages.



Ziptwist Wing Nut

Auveco Part No.	Thread Size	O.D.	Height	Finish	Unit Pkg.
18531	6mm	5/8"	7/32"	Black	50

NUTS



Washer Base Wing Nuts
Zinc Alloy

Auveco Part No.	Thread Size	Wing Spread	Overall Height	Washer O.D.	Unit Pkg.
10036	1/4"-20	1"	1/2"	3/4"	50



Finished USS (Coarse) & SAE (Fine) Hex Nuts
Grade 8 • Zinc & Yellow Plated

Fully Certified for S.A.E. J995 Standard
Proof Load: 150,000 PSI
C24-C32 Max. Rockwell Hardness for 1/4 thru 5/8
C26-C34 Max. Rockwell Hardness for 3/4 thru 1

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
15640	1/4"-20 USS	7/16"	100
15649	1/4"-28 SAE	7/16"	100
15641	5/16"-18 USS	1/2"	100
15650	5/16"-24 SAE	1/2"	100
15642	3/8"-16 USS	9/16"	100
15651	3/8"-24 SAE	9/16"	100
15643	7/16"-14 USS	11/16"	50
15652	7/16"-20 SAE	11/16"	50
15644	1/2"-13 USS	3/4"	50
15653	1/2"-20 SAE	3/4"	50
16983	9/16"-12 USS	7/8"	25
15645	5/8"-11 USS	15/16"	25
15654	5/8"-18 SAE	15/16"	25
15646	3/4"-10 USS	1-1/8"	15

Refer to assortments 1020, 1021 1030 & 1031 in the green pages.



Keps® Lock Washer & Nut
Zinc Plated

Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
3492	6-32	5/16"	100
3493	8-32	11/32"	100
3494	10-24	3/8"	100
3495	10-32	3/8"	100
3496	1/4"-20	7/16"	100
3497	1/4"-28	7/16"	100
3498	5/16"-18	1/2"	100
3499	5/16"-24	1/2"	100
3500	3/8"-16	9/16"	100



Square Nuts

Auveco Part No.	Thread Size	Width	Finish	Unit Pkg.
3249	3/16"-24	3/8"	Bright Zinc	100
3250	1/4"-20	7/16"	Bright Zinc	100

NUTS



Cage Nuts Phosphate Plated

Auveco Part No.	Thread Size	Fits Sq. Hole	Panel Range	Unit Pkg.
3144	1/4"-20	3/8"	.064-.105"	50
10773	1/4"-20	3/8"	.064-.105"	25
3798	5/16"-18	1/2"	.023-.063"	50



Spin Lock Nuts with Serrations



Auveco Part No.	Thread Size	Flange O.D.	Hex Width	Unit Pkg.
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Standard Flange - Zinc Plated

14878	8-32	15/32"	11/32"	100	
14873	10-24	USS	1/2"	3/8"	100
14874	1/4"-20	USS	19/32"	7/16"	100
14875	5/16"-18	USS	11/16"	1/2"	100
14876	3/8"-16	USS	3/4"	9/16"	100
14877	7/16"-14	USS	15/16"	11/16"	50
17084	1/2"-13	USS	1"	3/4"	25

Large Flange - Black Phosphate

2769	1/4"-20	USS	11/16"	7/16"	100
5167	5/16"-18	USS	13/16"	1/2"	100
5596	3/8"-16	USS	7/8"	9/16"	100



Wing Nuts Nickel Plated

Auveco Part No.	Size	Unit Pkg.
3741	1/4"-20	100
3743	3/8"-16	50



Self-Locking Wing Nuts Bright Zinc Chromate

Auveco Part No.	Size	Unit Pkg.
9846	1/4"-20	100



Pushnut Bolt Retainers For Threaded Fasteners



Auveco Part No.	Bolt Dia.	O.D.	Finish	Unit Pkg.	
16851	9/64"	(#6)	11/32"	Zinc	100
10085	5/32"	(#8)	3/8"	Phos.	100
16852	3/16"	(#10)	7/16"	Phos.	100
10086	1/4"		1/2"	Zinc	100
10087	5/16"		5/8"	Zinc	100
9297	3/8"		25/32"	Zinc	100
9298	7/16"		27/32"	Zinc	100
9299	1/2"		15/16"	Zinc	100

For an assortment of Pushnut Bolt Retainers see Fit-Kit No. 6164



Washer Lock Nuts Zinc Plated



Auveco Part No.	Thread Size	Hex Width	O.D.	Unit Pkg.
2554	6-32	5/16"	7/16"	100
2555	8-32	11/32"	15/32"	100
2556	10-32	3/8"	1/2"	100
2557	10-24	3/8"	1/2"	100
2558	10-24	3/8"	3/4"	100
2560	12-24	3/8"	3/4"	100
2561	1/4"-20	7/16"	19/32"	100
2562	1/4"-20	7/16"	13/16"	100
10764	5/16"-18	1/2"	13/16"	100

For an assortment of Washer Lock Nuts, see Fix-Kit 6043



Flat Push-On Retainers For Non-Threaded Fasteners



Auveco Part No.	Stud Size	O.D.	Plating	Unit Pkg.
8861	1/16"	3/16"	Phos	100
8862	3/32"	3/16"	Phos	100
8863	1/8"	3/8"	Zinc	100
8864	5/32"	7/16"	Zinc	100
8865	3/16"	7/16"	Zinc	100
8867	.240"	17/32"	Zinc	100
8868	1/4"	17/32"	Zinc	100
8869	5/16"	5/8"	Zinc	100
10374	3/8"	3/4"	Zinc	100
10375	1/2"	1"	Zinc	100
21080	5/8"	1"	Zinc	100



Hex Pal Nuts Plated



Auveco Part No.	Thread Size	Hex Width	Unit Pkg.
3975	3/8"-24	9/16"	100
8858	1/2"-20	3/4"	100



Acorn Cap Nuts Nickel Plated

Auveco Part No.	Thread Size	Hex Width	Height	Unit Pkg.
11179	8-32	5/16"	9/32"	100
11180	10-24	3/8"	11/32"	100
11181	10-32	3/8"	11/32"	100
11182	1/4"-20	7/16"	3/8"	50
11183	5/16"-18	9/16"	7/16"	50
11184	3/8"-16	5/8"	1/2"	25

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NUTS



Free Spinning Washer Nuts



Auveco Part No.	Thread Size	Washer O.D.	Hex Size	Height	Plating	O.E.M. No.	Unit Pkg.
16770	#10-24	3/8"	5/16"	11/64"	Zinc & Yellow	383255-S36	100
16771	#10-32	3/8"	5/16"	11/64"	Zinc & Yellow		100
15345	1/4"-20	5/8"	7/16"	9/32"	Zinc & Yellow	3866846, 385400	50
15347	1/4"-20	7/8"	7/16"	5/16"	Phosphate	45334,6023204, 6025004	50
15350	5/16"-18	3/4"	1/2"	3/8"	Phosphate	6025007	50
15351	3/8"-16	7/8"	9/16"	7/16"	Phosphate	376785	25

For metric sizes of Free Spinning Washer Nuts, refer to page 139

THREAD CUTTING NUTS



3400
Zinc

Stud Size: 1/8"
Hex: 1/4"

UNIT PACKAGE: 200



3401
Zinc

Stud Size: 1/8"
Hex: 5/16"

UNIT PACKAGE: 200



2895
Zinc

Stud Size: 1/8"
Hex: 5/16"
Washer Diameter: 17/32"

UNIT PACKAGE: 100



2896
Zinc

Stud Size: 3/16"
Hex: 3/8"
Washer Diameter: 5/8"

UNIT PACKAGE: 100



2897
Zinc

Stud Size: 1/4"
Hex: 7/16"
Washer Diameter: 19/32"

UNIT PACKAGE: 100



3403
Zinc

Stud Size: 1/8"
Hex: 5/16"
Washer Diameter: 7/16"

UNIT PACKAGE: 200



3404
Zinc

Stud Size: 3/16"
Hex: 3/8"
Washer Diameter: 1/2"

UNIT PACKAGE: 200



8855
Zinc

Stud Size: 5/32"
Hex: 3/8"
Washer Diameter: 9/16"

UNIT PACKAGE: 100



3405
Zinc

Stud Size: 1/4"
Hex: 7/16"
Washer Diameter: 11/16"

UNIT PACKAGE: 200



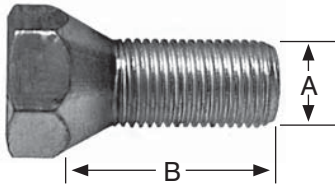
10733
Zinc

Stud Size: 5/16"
Hex: 1/2"
Washer Diameter: 7/8"

UNIT PACKAGE: 100

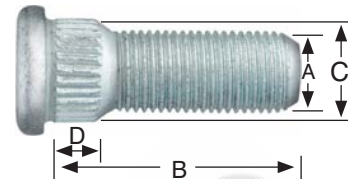
WHEEL STUDS, BOLTS AND NUTS

Sec. 8



Type #1

Wheel Studs & Bolts
Grade 8 Steel • Plated
UNIT PACKAGE: 10



Type #2

Auveco Part No.	Type	Diameter (A)	Length (B)	Knurl Dia. (C)	Shoulder Length (D)	Application
14225	1	1/2"-20	1.070"/1.100"	N/A	N/A	Universal (3/4" Hex)
14227	2	1/2"-20	1.510"/1.540"	.618"/.628"	.310"/.330"	GM 76-55; Int. 80-67
14228	2	7/16"-20	1.380"/1.410"	.556"/.566"	.300"/.320"	GM 51-On
14231	2	1/2"-20	1.615"/1.635"	.618"/.628"	.440"/.460"	Ford 62-On
14235	2	1/2"-20	1.620"/1.650"	.618"/.628"	.630"/.650"	Dodge Tk 82-69; Ford 72-65; GMC 70-60
14237	2	1/2"-20	1.435"/1.465"	.556"/.566"	.420"/.440"	Ford 75-73
14241	2	7/16"-20	1.470"/1.500"	.460"/.470"	.333"/.343"	Chrysler 76-64; GM 84-62; Jeep 82-74
14244	2	1/2"-20	1.720"/1.750"	.615"/.625"	.445"/.460"	Ford 75-On

Wheel Nuts



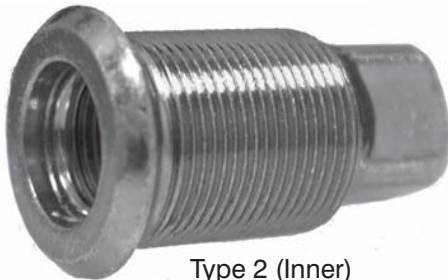
Type 1 (Outer)



Type 3
(Stainless Steel Cap)



Type 5



Type 2 (Inner)



Type 4
(Stainless Steel Cap)

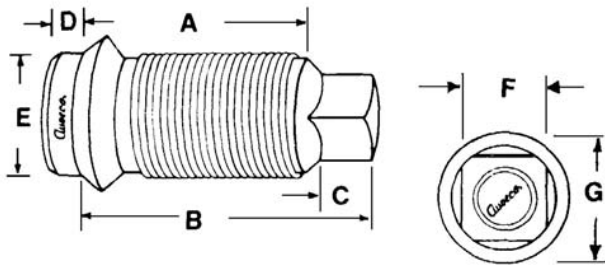


Type 6
(Stainless Steel Cap)

Auveco Part No.	Unit Pkg.	Type	Size	Height	Hex	O.E.M No.
8742	50	1	1/2"-20	9/16"	3/4"	Chry: 2409826
8744	50	1	1/2"-20	5/8"	13/16"	GM: 413945, 516637 Ford: COAZ-1012A
8746	50	1	7/16"-20	9/16"	3/4"	Chry: 2072728
12520	5	2	3/4"-16 L.H. (Inner) 1-1/8"-16 L.H. (Outer)	2-7/32"	13/16" Sq.	Budd: 10709
12521	5	1	1-1/8"-16 L.H.	7/8"	1-1/2"	Budd: 37892
12522	5	2	3/4"-16 (Inner) R.H. 1-1/8"-16 (Outer) R.H.	2-7/32"	13/16" Sq.	Budd: 10708
12523	5	1	1-1/8"-16	7/8"	1-1/2"	Budd: 37891
12524	5	1	3/4"-16 L.H.	7/8"	1-1/2"	Budd: 37889
12525	5	1	3/4"-16	7/8"	1-1/2"	Budd: 37888
12617	5	5	12mm-1.5	23mm	19mm	Chry: 6500092
12675	25	1	12mm-1.5	14mm	19mm	GM: 9590477
12695	5	4	12mm-1.5	34mm	19mm	GM: 10018202
12715	10	1	12mm-1.5	14mm	19mm	Chry: 6500526
14253	10	1	12mm-1.25	16mm	21mm	Nissan: 40224-21001
17353	5	6	12mm-1.5	30mm	19mm	Chry: 6502738
18163	5	4	1/2"-20	1-11/32"	3/4"	Chry: J4006956

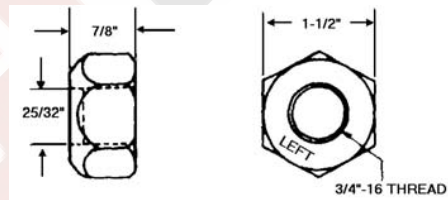
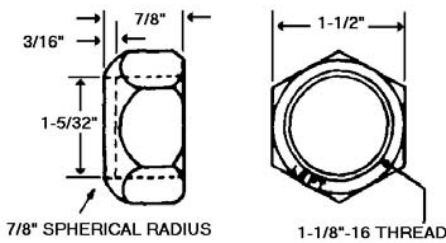
Sec. 8

TRUCK WHEEL HARDWARE



1-1/8" Inner Cap Nuts
 3/4"-16 Inner Thread; 1-1/8"-16 Outer Thread
 Zinc Plated

Auveco Part No.	Thread Type	Description	Dimensions							Unit Pkg.
			A	B	C	D	E	F	G	
12520	LH	for Steel Wheels	1-7/16"	2-7/32"	17/32"		1-3/16"	13/16"	1-13/32"	5
12522	RH	for Steel Wheels	1-7/16"	2-7/32"	17/32"		1-3/16"	13/16"	1-13/32"	5
15004	LH	for Steel/Alum. Combo	1-15/16"	2-5/8"	19/32"		1-7/32"	13/16"	1-13/32"	5
15009	RH	for Alum. Wheels; GR 8	1-21/32"	2-21/32"	5/8"	5/16"	1-1/8"	13/16"	1-13/32"	5
15010	LH	for Alum. Wheels; GR 8	1-21/32"	2-21/32"	5/8"	5/16"	1-1/8"	13/16"	1-13/32"	5



1-1/8" Outer Cap Nut
 Zinc Plated

3/4" Outer Cap Nut
 Single (3/4") Mounting Front & Rear
 Zinc Plated

Auveco Part No.	Description	Unit Pkg.
12521	LH	5
12523	RH	5

Auveco Part No.	Description	Unit Pkg.
12524	LH	5
12525	RH	5



Flange Wheel Nuts

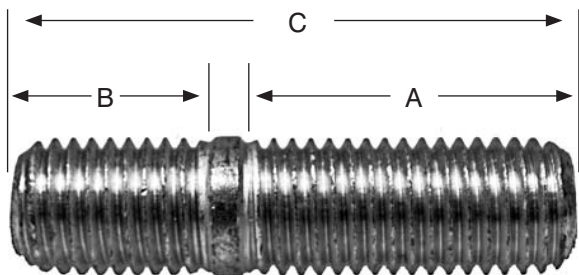
Auveco Part No.	Thread	Hex Size	Flange O.D.	Unit Pkg.
15011	5/8"-18(RH)	1-1/8"	1-5/8"	10



Rim Clamp Nuts
 Zinc Plated

Auveco Part No.	Thread	Hex Size	Unit Pkg.
15015	3/4"-10	1-1/4"	25

TRUCK WHEEL HARDWARE



Rim Studs
Grade 8 • Zinc Plated

Auveco Part No.	A Dia. & Length	B Dia. & Length	C Overall Length	Unit Pkg.
15017	3/4"-10 USS x 1-13/16"	3/4"-10 USS x 7/8"	3"	25
15018	3/4"-10 USS x 1-7/8"	3/4"-10 USS x 1"	3-1/8"	25

Truck Wheel Hardware Interchange

The numbers listed in this interchange are cross referenced to the closest equivalent Auveco part. In some instances the parts are not identical, however the Auveco part is designed to service the same application

Part No.	Auveco Part No.	Part No.	Auveco Part No.	Part No.	Auveco Part No.
ALCOA		DAYTON		GMC	
5988-L	15010	5715	15017	2201406	12522
5988-R	15009	5716	15015	2201407	12520
		6654	15016	279670L	12521
		8411	15018	279670R	12523
BATCO		DAYTON WALTHER		NUTURN	
13-3005-R	12522	08-853501	12523	W-5	15016
13-3008-L	15004	08-853502	12521	W-6	15017
13-3012-L	12521	08-853701	12522	W-8	15015
13-3013-L	12524	08-853702	12520	W-11	12522
13-3026-L	15010			W-12	12520
13-3026-R	15009	EUCLID		W-13	12523
13-6003	15017	4956-A	15017	W-14	12521
13-6005	15018	4958	15016	W-15	12525
13-8004	15015	4963	15015	W-16	12524
		5549-L	12520	W-159	15004
BUDD		5549-R	12522	W-246	15018
10708	12522	5552-L	12521	W-486	15009
35337	15004	5552-R	12523	W-487	15010
37888	12525	5652-L	12524		
37889	12524	5652-R	12525		
37891	12523	5706	15018		
37892	12521	5735-L	15004		
95188	15011	5735-R	15003		
		5988-L	15010		
		5988-R	15009		

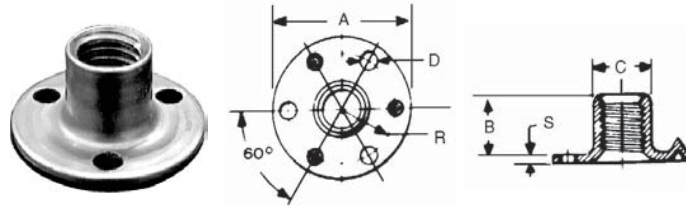
Sec. 9

TEENUT® FASTENERS

Round Base: 3 Rivet or Nail Holes for Assembly

Material: Low Carbon Steel, Zinc Finish

For applications into materials of high density and where repeated bolt removal and replacement is expected.

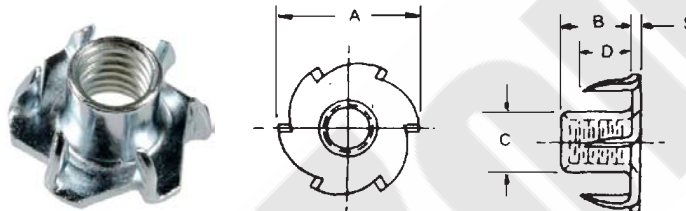


Auveco Part No.	Thread Size	A	B	C	D +.005	R	S	Unit Pkg.
18341	1/4"-20	3/4"	5/16"	.311/.306"	.098"	19/64"	.050"	50
2262	3/8"-16	1"	1/2"	.471/.466"	.145"	5/64"	.075"	100

Claw Prongs: Round Base

Material: Low Carbon Steel, Plain Finish

This Long Prong Teenut has six claw-like prongs that penetrate into wood, toe in, and grip so tightly that you have to drive it to back it out of its hole.

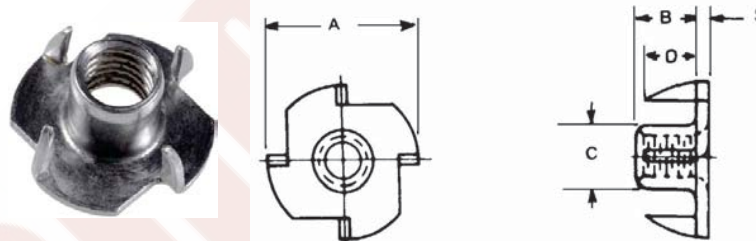


Auveco Part No.	Thread Size	A	B	C	D	S	Unit Pkg.
10729	10-24	3/4"	9/32"	.232/.227"	13/64"	.035"	50
11324	1/4"-20	3/4"	5/16"	.294/.289"	15/64"	.042"	50
10730	1/4"-20	3/4"	7/16"	.294/.289"	15/64"	.042"	50
10731	5/16"-18	7/8"	3/8"	.369/.364"	19/64"	.052"	50
10732	3/8"-16	1.0"	7/16"	.448/.443"	11/32"	.062"	25

Claw Prongs: Slimline, Round Base

Material: Low Carbon Steel, Plain Finish

Recommended where superior retention in soft wood is required.

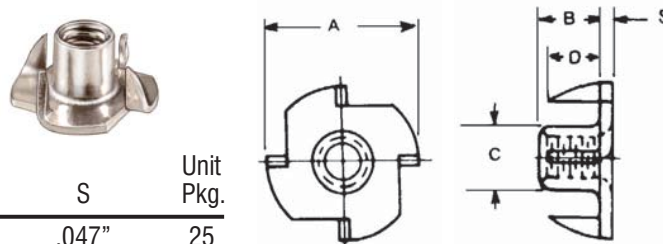


Auveco Part No.	Thread Size	A	B	C	D	S	Unit Pkg.
11325	1/4"-20	3/4"	5/16"	.294/.289"	15/64"	.042"	100
11326	5/16"-18	7/8"	3/8"	.369/.364"	19/64"	.052"	50
11327	3/8"-16	1.00"	7/16"	.448/.443"	11/32"	.062"	25

Claw Prongs: Slimline, Round Base

Material: 300 Series Stainless Steel, Plain Finish

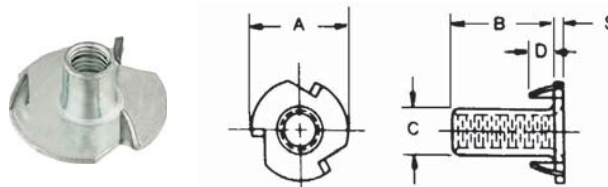
Auveco Part No.	Thread Size	A	B	C	D	S	Unit Pkg.
17013	1/4"-20	3/4"	5/16"	19/64"	3/16"	.047"	25



Straight Prongs: Round Base

Material: Low Carbon Steel, Plain Finish

This Teenut is recommended for thick material applications and applications requiring the top of the barrel to provide a bearing surface for mating parts.



Auveco Part No.	Thread Size	A	B	C	D	Type	S	Unit Pkg.
11328	6-32	9/16"	15/64"	.164/.157"	1/8"	3 Prongs	.020"	50
11331	10-32	3/4"	9/32"	.232/.227"	13/64"	3 Prongs	.035"	50
11332	1/4-20	3/4"	5/16"	.311/.306"	15/64"	4 Prongs	.050"	50

AUVECO THIN SHEET NUTSERT® INSERTS

U.S.S., S.A.E. & Metric - Steel and Aluminum

Sec. 9

Threaded Inserts for Thin Material

The Auveco Thin Sheet Nutsert has been designed to provide a highly efficient method of securing threads from one side of the work, in materials generally too thin to support threads. Its performance has been proven in plastic, aluminum, mild steel and fiberglass. They can also withstand high loads without vibrating or loosening under extreme operating conditions. The Auveco Thin Sheet Nutsert is a tension fastener with high pull out, insuring no rotation or vibration where a cover plate is used. The system's unique blind tooling installs TSNs at consistent rates using unskilled labor.

How it Works

The Thin Sheet Nutsert, held securely by the tool, is placed into a prepared hole. Upon the tool's actuation, the threaded portion is pulled until the fastener's wall collapses radially outward, clinching it tight against the sheet. The tool is withdrawn, leaving the Thin Sheet Nutsert ready to receive a bolt or screw. This complete operation takes only a few seconds and can be performed by anyone.



Strength Tests: Torque Strength: with an attaching part over the Thin Sheet Nutsert, offering a bearing surface, the TSN will remain intact past the point of the screw or bolt breaking (head torqued off). In almost all cases the threads of the TSN will remain undistorted and serviceable; an exception to this statement is when an extremely high tensile bolt is used.

Steel: 1010 Low Carbon Steel, Type 11 Class 3 with Zinc Plate, Clear Chromate

Aluminum: Aluminum Alloy 5056, Plain Finish, Metric Class 6H, U.S. Class 2B

To set Nutserts, Use tool 11805 & Conversion Kits listed on Page 163.

U.S.S. & S.A.E.

Auveco Part No. Steel	Aluminum	Unit Pkg.	Thread Size after Installation	Recommended Grip Range	A Max.	B Max.	D Ref.	Hole Size	Drill Size
11310	13476	50	6-32 U.S.S.	.020-.080"	.249"	.410"	.287"	.250-.254"	1/4"
11315	13477	100							
11311		50	8-32 U.S.S.	.020-.080"	.249"	.410"	.287"	.250-.254"	1/4"
11316		100							
11312	13480	50	10-24 U.S.S.	.020-.130"	.280"	.465"	.320"	.281-.285"	9/32"
11317	13481	100							
12978		50	10-32 S.A.E.	.020-.130"	.280"	.465"	.320"	.281-.285"	9/32"
12979		100							
11313		25	1/4"-20 U.S.S.	.030-.165"	.347"	.610"	.415"	.375-.379"	3/8"
11318		100							
11314		25	5/16"-18 U.S.S.	.040-.200"	.499"	.720"	.540"	.500-.504"	1/2"
11319		100							
16785*		15	3/8"-16 U.S.S.	.040-.200"	.499"	.720"	.540"	.500-.504"	1/2"

*Cannot be set with Auveco tool 11805, requires pneumatic tool.

Regular Pitch Metric

Auveco Part No. Steel	Aluminum	Unit Pkg.	Thread Size after Installation	Recommended Grip Range	A Max.	B Max.	D Ref.	Hole Size	Drill Size
12980		50	M4-.7	.020-.080" .508/2.030mm	.249" 6.32mm	.410" 10.41mm	.287" 7.29mm	.250-.254" 6.35mm/6.45mm	1/4"
12981		100							
12982		50	M5-.8	.020-.130" .508/3.300mm	.280" 7.11mm	.465" 11.81mm	.320" 8.13mm	.281-.285" 7.14/7.24mm	9/32"
12983		100							
12984	13494	25	M6-1.0	.030-.165" .762/4.190mm	.374" 9.50mm	.610" 15.49mm	.415" 10.54mm	.375-.379" 9.53/9.63mm	3/8"
12985	13495	100							
12986		25	M8-1.25	.040-.200" 1.020/5.080mm	.499" 12.67mm	.720" 18.29mm	.540" 13.72mm	.500-.504" 12.71/12.80mm	1/2"
12987		100							

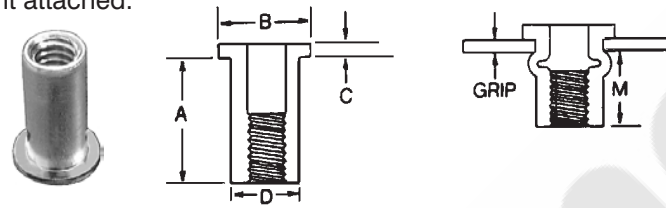
Sec. 9

LARGE FLANGE THIN SHEET NUTSERT® INSERTS

U.S.S., S.A.E. & Metric - Steel & Aluminum

The Large Flange system provides captive threads in materials too thin to independently support threads, or where costly tapping operations are to be eliminated. The Large Flange fastener can be used as a rivet to join materials that will ultimately have a separate component attached.

Materials: Low Carbon Steel, Zinc Plated
(Metric: Zinc & Yellow Plated)
Aluminum Alloy, Plain Finish



To Set 8-32, 10-24 and 10-32 Large Flange Nutserts, use tool 11805 and conversion kits listed on page 163.

Large Flange Nutserts, 1/4"-20, 5/16"-18 and 3/8"-16, require a pneumatic tool for installation. They cannot be set with 11805.

U.S.S. & S.A.E.

Auveco Part No.		Unit Pkg.	Thread Size	Grip Range	Hole Size	A	B	C	D	M
Aluminum	Steel					+ .015	+ .015	(NOM)	+ .000 - .004	(Ref.)
16177	16187	50	8-32 U.S.S.	.010-.075"	.221-.226"	.438"	.357"	.032"	.221"	.300"
16178	16188	50	10-24 U.S.S.	.010-.080"	.250-.256"	.531"	.406"	.038"	.250"	.380"
16179	16189	50	10-24 U.S.S.	.080-.130"	.250-.256"	.594"	.406"	.038"	.250"	.390"
16180	16190	25	10-32 S.A.E.	.010-.080"	.250-.256"	.531"	.406"	.038"	.250"	.380"
16182*	16192*	25	1/4"-20 U.S.S.	.020-.080"	.332-.338"	.625"	.475"	.058"	.332"	.450"
16183*	16193*	25	1/4"-20 U.S.S.	.080-.140"	.332-.338"	.687"	.475"	.058"	.332"	.450"
16184*	16194*	25	5/16"-18 U.S.S.	.030-.125"	.413-.423"	.750"	.665"	.062"	.413"	.505"
	16195*	25	5/16"-18 U.S.S.	.125-.200"	.413-.423"	.875"	.665"	.062"	.413"	.555"
16789*		10	3/8"-16 U.S.S.	.030-.115"	.490-.500"	.844"	.781"	.088"	.490"	.585"
	16788*	10	3/8"-16 U.S.S.	.115-.200"	.490-.500"	.938"	.781"	.088"	.490"	.595"

*Cannot be set with Auveco tool 11805, requires pneumatic tool

Regular Pitch Metric

Auveco Part No.		Unit Pkg.	Thread Size	Grip Range	Hole Size	A	B	C	D	M
Aluminum	Steel					± .015	± .015	(NOM)	+ .000 - .004	(Ref.)
16978		25	M6-1.0	.020-.118" .5-3.0mm	.358" 9.1mm	.630" 16mm	.510" 13mm	.059" 1.5mm	.356" 9mm	.450" 11.5mm

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NUTSERT® INSERTS

U.S.S. & S.A.E. Thread

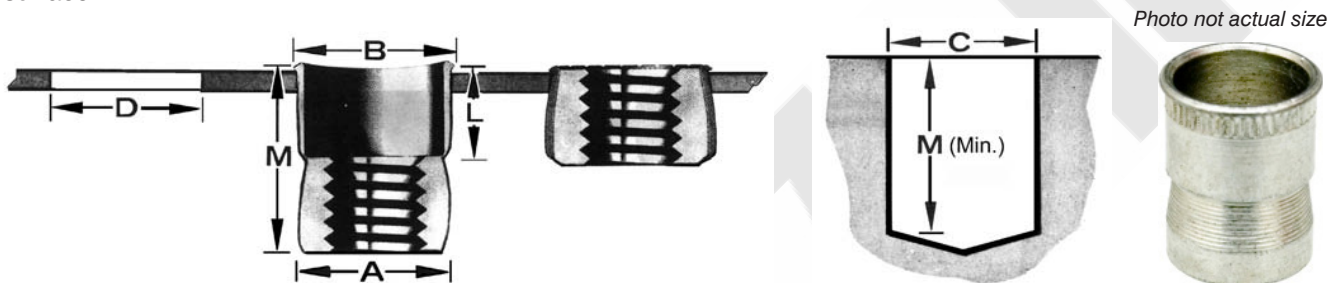
Sec. 9

The Auveco Nutsert was developed to offer both the production-oriented designer and the engineer a unique and versatile anchor nut-type insert for high-speed installation. This Auveco system gives the designer the option to design for **blind** or **open** applications, eliminating and simplifying their design problems.

Our system provides a cost-saving method of installing clean, load-bearing steel threads in castings, fiberglass, fiberboard, plastics, wood or almost any ductile material more than .030" thick.

A simple hand tool installs the Nutsert, it is ready for use in seconds and no finishing is required after installation.

Auveco Nutsert's advanced design offers unlimited grip range in a minimum of sizes. Inventory is minimized to one body dimension per thread size; ideally suited for blind, buried and through holes. The ingenious "taper-lock" principle locks-in the Nutsert preventing spin or twist; installs in flat or curved surfaces and is self-tightening with repeated use. The unique design of the installation tool eliminates marring of the parent material surface



Material: Mild Steel, Tin Plated
Minimum Grip: .030"

To set Nutserts use tool 11805 & Conversion Kits listed on page 163.

Auveco Part No.	Unit Pkg.	Thread (Class 2B)	A	B	L	M	C	D	Nominal Hole Size	Thousand (In lbs)
10264	25	6-32 U.S.S.	.218"	.238"	.185"	.370"			7/32"	1.50
10265	100									
10266	1000									
10267	25	8-32 U.S.S.	.249"	.264"	.185"	.370"			1/4"	2.00
10268	100									
10269	1000									
10270	25	10-24 U.S.S.	.280"	.300"	.185"	.370"			9/32"	2.25
10271	100									
10272	1000									
10273	25	10-32 S.A.E.	.280"	.300"	.185"	.370"			9/32"	2.25
10274	100									
10275	1000									
10276	25	1/4"-20 U.S.S.	.374"	.398"	.255"	.510"			3/8"	6.00
10277	100									
10278	1000									
10279	25	1/4"-28 S.A.E.	.374"	.398"	.255"	.510"			3/8"	6.00
10280	100									
10282	10	5/16"-18 U.S.S.	.499"	.524"	.305"	.610"			1/2"	12.87
10283	100									
10284	500									
10285	10	5/16"-24 S.A.E.	.499"	.524"	.305"	.610"			1/2"	12.87
10286	100									
10288*	10	3/8"-16 U.S.S.	.561"	.590"	.370"	.740"			9/16"	18.00
10289*	50									
10290*	100									

Diameters vary with material density in blind application
Dependent upon material thickness and application

*Cannot be set with Auveco tool 11805, requires pneumatic tool.

Sec. 9

NUTSERT® HAND TOOL & US/METRIC CONVERSION KITS



11805

Nutsert Hand Tool
For regular and thin sheet Nutserts
(Does not include any conversion kits)
Hand tool only with wrench

UNIT PACKAGE: 1

Conversion Kits for Item 11805 Gun

Size	Use Tool 11805 with Auveco Conversion Kit Listed
6-32 U.S.S.	11807
8-32 U.S.S.	11808
10-32 S.A.E.	11809
10-24 U.S.S.	11810
1/4"-20 U.S.S.	11811
1/4"-28 S.A.E.	11812
5/16"-18 U.S.S.	11813
5/16"-24 S.A.E.	11814
3/8"-16 U.S.S.	11815
<hr/>	
M4-.7	12988
M5-.8	12989
M6-1.0	12990
M8-1.25	12991

UNIT PACKAGE: 1



11806

Nutsert Tool Kit in metal case
Includes hand tool 11805, nose piece wrench, and conversion kits (nose piece & mandrel) for the following sizes: 6-32, 8-32, 10-24, 10-32, 1/4"-20 & 5/16"-18.

UNIT PACKAGE: 1

16341

Metric Nutsert Tool Kit in metal case
Includes hand tool 11805, nose piece wrench, and conversion kits (nose piece & mandrel) for the following sizes: M4-.7, M5-.8, M6-1.0 (2 in kit) & M8-1.25.

UNIT PACKAGE: 1



15544

Mandrel Puller
Replacement Mandrel Puller
for Auveco 11805 Nutsert Tool
1/4"-28 Left-Hand Thread

UNIT PACKAGE: 1

THREAD REPAIR INSERTS

Professional Insert Installation Tool



Auveco Tool No.

Installs Insert Sizes (Internal Thread)

12394	1/4"-20 & 1/4"-28
12395	5/16"-18 & 5/16"-24
12396	3/8"-16 & 3/8"-24
12397	7/16"-14 & 7/16"-20
12399	M5-0.8
12400	M6-1.0
16163	5/8"-11 H.D. & 5/8"-18 H.D.
16164	3/4"-10 H.D. & 3/4"-16 H.D.

Economy Driver Tool



12404

Will install approximately 10 Inserts.
Use with Thinwall Inserts up to 1/2" and 10mm internal diameter and Heavy Duty Inserts up to 1/2" internal diameter

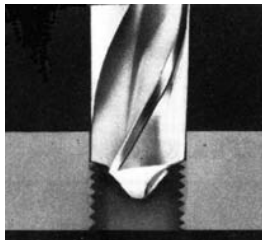
UNIT PACKAGE: 5

THREAD REPAIR INSERTS

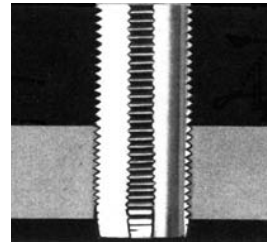
The easy way to repair stripped threads.

Sec. 9

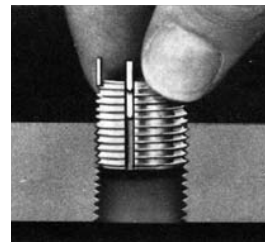
Easy installation with 4 Simple Steps. Instructions must be followed exactly.



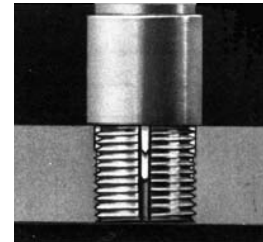
1 Drill out old threads, using standard drill.



2 Tap new threads, using standard tap.



3 Screw in insert until slightly below surface. "Kees" act as depth stop.



4 Drive "Kees" down with several light taps on installation tool.



5 Installed insert.

Features:

- Installed with standard drills and taps.
- No prewinder tool required.
- Impossible to cross thread while installing.
- No tang break-off.
- May be used in virtually any material: aluminum, magnesium, cast iron, cold rolled steel and plastic.
- Provide high strength and reliability. One length per size provides maximum pullout strength.
- Positive mechanical lock against rotation.
- Breaks Grade 8 bolts in test after test.
- Easy to remove.
- Material: Carbon Steel

Thinwall Inserts

Auveco Part No.	Internal Thread Size (Bolt Size)	External Thread Size	Number of Kees	Insert Length	Drill Size	Tap Size	Professional Installation Tool Part No.	Inserts Per Unit Package
12374	10-24	5/16"-18	2	5/16"	"I"	5/16"-18		4*
17515								25
17516								50
12375	10-32	5/16"-18	2	5/16"	"I"	5/16"-18		4*
17517								25
17518								50
12376	1/4"-20	3/8"-16	2	3/8"	"Q"	3/8"-16	12394	4*
17519								25
17520								50
12377	1/4"-28	3/8"-16	2	3/8"	"Q"	3/8"-16	12394	4*
17521								25
12378	5/16"-18	7/16"-14	4	7/16"	"X"	7/16"-14	12395	4*
17522								25
17523								50
12379	5/16"-24	7/16"-14	4	7/16"	"X"	7/16"-14	12395	4*
17524								25
12380	3/8"-16	1/2"-13	4	1/2"	29/64"	1/2"-13	12396	3*
17525								25
17526								50
12381	3/8"-24	1/2"-13	4	1/2"	29/64"	1/2"-13	12396	3*
17527								25
12382	7/16"-14	9/16"-12	4	9/16"	33/64"	9/16"-12	12397	3*
17528								25
12383	7/16"-20	9/16"-12	4	9/16"	33/64"	9/16"-12	12397	3*
17529								25
12384	1/2"-13	5/8"-11	4	5/8"	37/64"	5/8"-11		2*
17530								15
17531								25
12385	1/2"-20	5/8"-11	4	5/8"	37/64"	5/8"-11		2*
17532								15

*Contains Economy Drive Tool No. 12404

For an assortment of Thinwall Inserts, see Fix-Kit No. 6176

Sec. 9

THREAD REPAIR INSERTS

Heavy Duty Thread Repair Inserts

Auveco Part No.	Internal Thread Size (Bolt Size)	External Thread Size	Number of Kees	Insert Length	Drill Size	Tap Size	Professional Installation Tool Part No.†	Inserts Per Unit Package
17238	10-24	3/8"-16	2	.31"	"Q"	3/8"-16	◆	4
17239	10-32							4
17241	1/4"-28	7/16"-14	2	.37"	"X"	7/16"-14	◆	4
17242	5/16"-18	1/2"-13	4	.43"	29/64"	1/2"-13	◆	4
17243	5/16"-24							4
17244	3/8"-16	9/16"-12	4	.50"	33/64"	9/16"-12	◆	3
17245	3/8"-24							3
17246	7/16"-14	5/8"-11	4	.62"	37/64"	5/8"-11	◆	3
17248	1/2"-13	3/4"-16	4	.62"	45/64"	3/4"-16	◆	2
17249	1/2"-20							2
16159	5/8"-11	7/8"-14	4	.87"	53/64"	7/8"-14	16163	2
17533								15
16161	3/4"-10	1-1/8"-12	4	1.12"	1-1/16"	1-1/8"-12	16164	2
17535								10
16162	3/4"-16	1-1/8"-12	4	1.12"	1-1/16"	1-1/8"-12	16164	2
17536								10

† Not packaged with the Thread Repair Inserts

◆ Professional tool not available. Can be set with 12404 Economy Drive Tool one kee at a time.

Metric Thread Repair Inserts®

Auveco Part No.	Internal Thread Size (Bolt Size)	External Thread Size	Number of Kees	Insert Length	Drill Size	Tap Size	Professional Installation Tool Part No.†	Inserts Per Unit Package
12386	M5-0.8	M8-1.25	2	.315"	"H"	M8-1.25	12399	3*
17537								15
12387	M6-1.0	M10-1.25	2	.394"	"S"	M10-1.25	12400	3*
17538								15
12389	M8-1.0	M12-1.25	4	.472"	27/64"	M12-1.25	◆	2*
17539								10
12390	M8-1.25	M12-1.25	4	.472"	27/64"	M12-1.25	◆	2*
17540								10
12391	M10-1.25	M14-1.5	4	.551"	1/2"	M14-1.5	◆	2*
17541								10
12392	M10-1.5	M14-1.5	4	.551"	1/2"	M14-1.5	◆	2*
17542								10

*Contains Economy Drive Tool 12404

† Not packaged with the Thread Repair Inserts

◆ Professional tool not available. Can be set with 12404 Economy Drive Tool one kee at a time.

Thread Repair Insert Assortments

12405 Assortment Kit Contains			12406 Assortment Kit Contains			12407 Assortment Kit Contains		
Auveco Part No.	Qty.	Size	Auveco Part No.	Qty.	Size	Auveco Part No.	Qty.	Size
12374	3	10-24	12375	3	10-32	12387	2	M6-1.0
12376	3	1/4"-20	12377	3	1/4"-28	12389	2	M8-1.0
12378	3	5/16"-18	12379	3	5/16"-24	12390	2	M8-1.25
12380	3	3/8"-16	12381	3	3/8"-24	12391	2	M10-1.25
12404	2	Installation Tools	12404	2	Installation Tools	12404	1	Installation Tool

HELICAL THREAD REPAIR INSERTS & KITS

Sec. 9

For repairing stripped or damaged threads



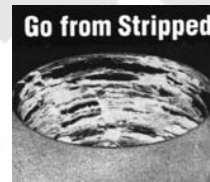
The most effective and universally accepted method of thread repair. Inserts quickly and permanently restores stripped, worn or damaged threads to their original size and condition.

Easy to use... 1: Drill 2: Tap 3: Install
Now you're back to the original size and the original size fastener can be used.



When threads become stripped, worn or damaged for any reason, the strength and reliability are greatly reduced. When this happens on critical threaded assemblies, cars, and other types of equipment, it may become unsafe to operate.

These potentially dangerous situations are eliminated when the damaged thread is repaired with a thread repair insert. The threaded insert provides stronger, more reliable threads than the original tapped hole and at the same time eliminates the possibility of thread wear, seizing and corrosion.



Thread Size & Length	Kits		Insert		Metal Installation Tool		Tap		Required Drill Size
	Contents: Number of inserts shown, one installation tool & one tap.		Auveco Part No.	Unit Pkg.	Auveco Part No.	Unit Pkg.	Auveco Part No.	Unit Pkg.	
	Auveco Kit No.	Inserts Per Kit							

U.S.S. COARSE THREAD (18-8 Stainless Steel)

1/4"-20 x .375"							18597	1	17/64"
3/8"-16 x .562"	18624	10	18547	10					25/64"
7/16"-14 x .656"			18548	10					29/64"
1/2"-13 x .750"	18626	5			18576	1			17/32"

S.A.E. FINE THREAD (18-8 Stainless Steel)

1/4"-28 x .375"	18630	10							17/64"
5/16"-24 x .469"			18554	10					21/64"
3/8"-24 x .562"							18607	1	25/64"
1/2"-20 x .750"			18557	10					33/64"

METRIC REGULAR PITCH (18-8 Stainless Steel)

M8-1.25 x 12.0mm					18586	1			21/64"
M10-1.50 x 15.0mm							18613	1	13/32"

METRIC FINE PITCH (18-8 Stainless Steel)

M10-1.25 x 15.0mm			18563	10					13/32"
M12-1.25 x 18.0mm							18619	1	31/64"

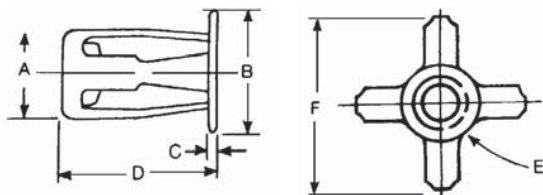
SPARK PLUG THREAD (Mild Carbon Steel)

M14-1.25 x 3/8"			18568	2					Do Not Drill. Use Piloted Tap
M14-1.25 x 1/2"			18569	2	18595	1			

Sec. 9

JACK NUTS®

Material: 1010 Steel, Zinc Plated



Auveco Part No.	Unit Pkg.	Type	Thread (E)	Body Dia. (A)	Head Dia. (B)	Cap Thick (C)	Overall Length (D)	Grip Range	Required Hole Dia.	Maximum Spread (F)**
13012	25	1	6-32	.318"	.468"	.073"	.653"	1/64"-3/16"	.315"-.330"	.660"
13014	25	1	10-24	.382"	.531"	.073"	.716"	1/64"-3/16"	.385"-.400"	.760"
13016	25	1	1/4"-20	.438"	.625"	.073"	.731"	1/64"-3/16"	.434"-.450"	.890"
13017	25	1	1/4"-20	.438"	.625"	.073"	.919"	3/16"-3/8"	.434"-.450"	.890"

Special Purpose Jack Nuts

Auveco Part No.	O.E.M. Number	Type	Thread	Finish	O.E.M. Application	Unit Pkg.
12995	GM: 367292 Chry: 6031438	3	1/4"-20	Zinc w/Sealer	GM Mirror Mounting Nut	25
12996	GM: 367292 Chry: 6031438	3	1/4"-20	Zinc w/ Sealer	GM Mirror Mounting Nut	100
12997	GM: 1635218, 10014363	1	M6-1.0	Zinc	GM License Plate Nut	25
12999	GM: 14007940	2	M6-1.0	Zinc w/Raintite	GM "X" & "Y" Roof Rack Mounting Nut	10

Jack Nut Installation Tools

Photos not actual size



22402

Professional Jack Nut Installation Tool

UNIT PACKAGE: 1

An economical tool for rapidly installing Jack Nuts in any material. Takes interchangeable screw rods. Just screw rod into Jack Nut, push into hole, squeeze to set and remove. Sets all size Jack Nut Threaded Inserts.

Tool comes with 22403 (6-32 Thread) Installation Rod

**Jack Nut Installation Rods
Use with 22402 Installation Tool**



Auveco Part No.	Unit Pkg.	Thread
22403	1	6-32
22404	1	10-24
22405	1	1/4"-20
22406	1	4mm
22407	1	5mm
22408	1	6mm

22342
Friction Wrench



For use when installing a limited quantity of Jack Nuts. Insert the wrench between the screw and the head of the fastener, hold wrench and run in screw to set Jack Nut.

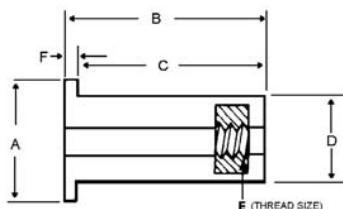
UNIT PACKAGE: 3



Mirror Mounting Screws and Jack Nuts

For additional information refer to listings on pages 21 and 52.

Auveco Part No.	Description	Unit Pkg.
13231	1/4"-20 x 7/8" Screw (Phos.)	25
13232	1/4"-20 x 7/8" Screw (Phos.) & Jack Nut	25
14947	M6 x 26mm Screw (Chrome)	25
14976	1/4"-20 x 1-1/4" Screw (Stainless Steel)	25
14977	1/4"-20 x 1-1/4" Screw (Stainless Steel) & Jack Nut	10

WELL NUTS®**Sec. 9****WELL NUTS**

Material - Neoprene with Captive Brass Nut



Auveco Part No.	Unit Pkg.	(E) Thread	(A) Head Dia.	(B) Overall Length	(C) Shank Length	(D) Shank Dia.	(F) Head Thick	Hole Size	For Wall Thickness	O.E.M. Number	O.E.M. Application
13006	25	#6-32	.452"	.499"	.437"	.312"	.062"	5/16"	.015"-.156"		
16236	25	#6-32	.554"	.981"	.946"	.240"	.035"	1/4"	.375"-.607"		
16237	25	#8-32	.438"	.499"	.447"	.312"	.052"	5/16"	.015"-.156"	Chry: 6026166 GM: 347065	Rear Compt. Cover Support
13005	25	#8-32	.750"	.575"	.500"	.312"	.062"	5/16"	.015"-.172"	GM: 14048060	License Plate
16240	25	#10-24	.562"	.767"	.580"	.375"	.187"	3/8"	.030"-.227"	GM: 3876130	Voltage Reg & Dome Light
13007	25	#10-32	.500"	.554"	.518"	.377"	.036"	3/8"	.015"-.192"		
13009	10	#10-32	.562"	.665"	.625"	.377"	.040"	3/8"	.035"-.232"	GM: 12338025	Luggage Rack
17586	15	#10-32	.750"	.703"	.625"	.375"	.078"	3/8"	.030"-.227"		
16244	25	#10-32	.750"	.807"	.620"	.375"	.187"	3/8"	.030"-.227"		
13008	10	#10-32	.562"	1.051"	1.000"	.375"	.051"	3/8"	.312"-.643"		
13004	25	1/4"-20	.625"	.641"	.594"	.500"	.051"	1/2"	.015"-.111"	GM: 528846 AMC: 4003120	Luggage Rack
16255	15	1/4"-20	.635"	.801"	.750"	.500"	.051"	1/2"	.187"-.343"		
13010	10	1/4"-20	.740"	.829"	.642"	.500"	.187"	1/2"	.031"-.187"		
16253	25	1/4"-20	.635"	1.051"	1.000"	.500"	.079"	1/2"	.250"-.457"	GM: 342271	Luggage Rack
13011	10	5/16"-18	.875"	.725"	.600"	.620"	.125"	5/8"	.015"-.187"		
16242	25	M5-8	.500"	.554"	.518"	.375"	.036"	3/8"	.015"-.192"		
16248	25	M5-8	.562"	.665"	.625"	.375"	.040"	3/8"	.035"-.232"	GM: 14005097	Service Part
13002	10	M6-1.0	.787"	.630"	.579"	.500"	.051"	1/2"	.015"-.094"	GM: 20130258 GM: 14002811	Station Wagon Roof Rack
13003	50									GM: 20130258 GM: 14002811	Station Wagon Roof Rack
16251	25	M6-1.0	.630"	.630"	.579"	.500"	.051"	1/2"	.015"-.111"	GM: 15505451 AMC: 8934201293	Luggage Rack License Plate
16252	25	M6-1.0	.750"	.829"	.642"	.500"	.187"	1/2"	.031"-.187"	VW: 175 820 435	Luggage Rack
16256	10	M8-1.25	.875"	.725"	.600"	.620"	.125"	5/8"	.015"-.156"	AMC: 8934201493	Radiator Brkt.

MISSING SOMETHING?

Is there an item you are looking for that doesn't seem to be in our catalog?

We welcome all suggestions for new items to add to our expansive line of body hardware and specialty fastener selection.

Contact us at mail@auveco.com or 1-800-354-9816

You can also send us all suggestions at www.auveco.com

Sec. 9

TUBULAR TYPE NUTS

Listed by Stud Size

Photo not actual size



3776

Phosphate

Stud Size: 3/32"
Panel Range: .032"-.040"
Fits into 1/8" Hole

UNIT PACKAGE: 100

Photo not actual size



3137

Phosphate

Stud Size: 3/32"
Panel Range: .025"-.175"
Fits into 1/8" Hole

UNIT PACKAGE: 100



11293

(375890-S102)

Green with Sealer

Stud Size: 1/8"
Panel Range: .035"-.045"
Fits into 3/16" Hole

UNIT PACKAGE: 50



13964

Natural Nylon

Stud Size: 1/8"
Barrel Length: 11/32"
Head Diameter: 15/64"
Head Thickness: 1/32"
Fits into 11/64" Hole

UNIT PACKAGE: 50



2595

Phosphate

Stud Size: 1/8"
Panel Range: .040"-.045"
Fits into 3/16" Hole

UNIT PACKAGE: 100



3777

Phosphate

Stud Size: 1/8"
Panel Range: .038"-.044"
Fits into 5/32" Hole

UNIT PACKAGE: 100



2611

Phosphate

Stud Size: 1/8"
Panel Range: .030"-.036"
Fits into 5/32" Hole

UNIT PACKAGE: 100



5854

(373528-S32), (6000605)
Phosphate

Stud Size: 1/8"
Panel Range: .025"-.045"
Fits into 3/16" Hole

UNIT PACKAGE: 100



5195

(375480-S100)

(3783794)

Phosphate

Stud Size: 1/8"
Panel Range: .036"-.046"
Fits into 1/4" Hole

UNIT PACKAGE: 100



13965

(4006316)

White Nylon

Stud Size: 5/32"
Barrel Length: 1/4"
Head Diameter: 1/4"
Head Thickness: 1/32"
Fits into 3/16" Hole

UNIT PACKAGE: 100



8545

Phosphate

Stud Size: 5/32"
Panel Range: .062"-.068"
Fits into 7/32" Hole

UNIT PACKAGE: 100



8546

Phosphate

Stud Size: 5/32"
Panel Range: .049"-.055"
Fits into 7/32" Hole

UNIT PACKAGE: 100



10073

(6000558)

Phosphate

Stud Size: 3/16"
Panel Range: .038"-.044"
Fits into 7/32" Hole

UNIT PACKAGE: 100

TUBULAR TYPE AND FLAT NUTS

Listed by Stud Size



13966
(8934-201-767)
Black Nylon

Stud Size: 3/16"
Barrel Length: 17/64"
Head Diameter: 5/16"
Head Thickness: 1/32"
Fits into 17/64" Hole

UNIT PACKAGE: 100



5196
(354341-S)
Phosphate

Stud Size: 1/4"
Panel Range: .034"-.040"
Fits into 9/32" Hole

UNIT PACKAGE: 100



8578
White Nylon

Thread Screw Size: #10
Fits into 5/16" Hole

UNIT PACKAGE: 50



19537
(6000258)
Phosphate

Stud Size: 1/4"
Panel Range: .030"-.034"
Fits into 5/16" Hole

UNIT PACKAGE: 50

FLAT NUTS

For Screws



1896
Phosphate

7/32" x 3/8"
Machine Screw Size: #2-56

UNIT PACKAGE: 100



1899
Phosphate

1/2" x 7/8"
Machine Screw Size: #8-32

UNIT PACKAGE: 100



2089
Phosphate

5/16" x 1/2"
Machine Screw Size: #6-32

UNIT PACKAGE: 100



2091
Phosphate

5/16" x 1/2"
Machine Screw Size: #8-32

UNIT PACKAGE: 100



1898
Phosphate

1/2" x 7/8"
Machine Screw Size: #6-32

UNIT PACKAGE: 100



1900
Phosphate

1/2" x 7/8"
Tapping Screw Size: #10

UNIT PACKAGE: 100



5563
Phosphate

13/32" x 5/8"
Tapping Screw Size: No. 8

UNIT PACKAGE: 100



2092
Phosphate

7/16" x 3/4"
Machine Screw Size: #10-24

UNIT PACKAGE: 100



3793
Phosphate

13/32" x 5/8"
Tapping Screw Size: No. 8

UNIT PACKAGE: 100



1912
Phosphate

1/2" x 3/4"
Tapping Screw Size: #12

UNIT PACKAGE: 100

Sec. 9

FLAT NUTS

For Screws



1903

Phosphate

9/16" x 1"
Machine Screw Size: 1/4"-20

UNIT PACKAGE: 100

For Studs



2098

Phosphate

7/32" x 3/8"
Stud Size: 1/16"

UNIT PACKAGE: 100



2100

Phosphate

1/4" x 7/16"
Stud Size: 3/32"

UNIT PACKAGE: 100



1906

Phosphate

7/32" x 7/16"
Stud Size: .100" or 3/32"

UNIT PACKAGE: 100



2099

Phosphate

5/16" x 9/16"
Stud Size: 1/8"

UNIT PACKAGE: 100



2102

Phosphate

3/8" x 9/16"
Stud Size: 5/32"

UNIT PACKAGE: 100

For Studs



1905

Phosphate

7/16" x 3/4"
Stud Size: 5/32"

UNIT PACKAGE: 100



2426

Phosphate

3/8" x 5/8"
Stud Size: 3/16"

UNIT PACKAGE: 100



2103

Phosphate

3/8" x 5/8"
Stud Size: 3/16"

UNIT PACKAGE: 100



2105

Phosphate

7/16" x 5/8"
Stud Size: 1/4"

UNIT PACKAGE: 100



3138

Phosphate

1/2" x 11/16"
Stud Size: 5/16"

UNIT PACKAGE: 100

All items available in bulk quantities.

**Call customer service
1-800-354-9816
for a price quote**

U & J TYPE NUTS BY SCREW SIZE

Sec. 9



9625
Phosphate
Screw Size: #6
Panel Range: .090" - .110"
Center of Hole to Edge: 9/32"
UNIT PACKAGE: 100



21007
Phosphate
Screw Size: #6-32
Panel Range: .045" - .062"
Center of Hole to Edge: 5/16"
UNIT PACKAGE: 50



5571
Phosphate
Screw Size: #8
Panel Range: .025" - .040"
Center of Hole to Edge: 1/4"
UNIT PACKAGE: 100



5836
Phosphate
Screw Size: #8
Panel Range: .025" - .035"
Center of Hole to Edge: 3/8"
UNIT PACKAGE: 100



2346
Phosphate
Screw Size: #8
Panel Range: .025" - .040"
Center of Hole to Edge: 9/32"
UNIT PACKAGE: 100



3796
(9428481)
Phosphate
Screw Size: #8
Panel Range: .025" - .040"
Center of Hole to Edge: 1/4"
UNIT PACKAGE: 100



10666
Phosphate
Screw Size: #8
Panel Range: .025" - .035"
Center of Hole to Edge: 11/32"
UNIT PACKAGE: 100



11292
(445429, 9422552)
Phosphate
Screw Size: #8
Panel Range: .045" - .062"
Center of Hole to Edge: 3/8"
UNIT PACKAGE: 50



11768
(388248-S-36B)
Phosphate
Screw Size: #8
Panel Range: .075" - .090"
Center of Hole to Edge: 9/32"
UNIT PACKAGE: 50



19826
(382163-S)
Phosphate
Screw Size: #8
Panel Range: .145" - .160"
Center of Hole to Edge: 9/32"
Replaces Auveco 11063
UNIT PACKAGE: 50



8337
Phosphate
Screw Size: #8-18
Panel Range: .025" - .040"
Center of Hole to Edge: 3/8"
UNIT PACKAGE: 50



14822
(25527289)
Phosphate
Screw Size: M4.2-1.41 (#8)
Panel Range: .094" - .109"
Center of Hole to Edge: 7/32"
UNIT PACKAGE: 50



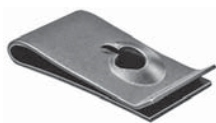
14814
(N803183-S32)
Phosphate
Screw Size: M4.2-1.41 (#8)
Panel Range: .094" - .156"
Center of Hole to Edge: 1/2"
UNIT PACKAGE: 25



18208
Phosphate
Screw Size: #10
Panel Range: .015" - .085"
Center of Hole to Edge: 11/32"
UNIT PACKAGE: 100

Sec. 9

U & J TYPE NUTS BY SCREW SIZE



11429

Phosphate

Screw Size: #10
Panel Range: .015"-.060"
Center of Hole to Edge: 15/32"

UNIT PACKAGE: 50



8341

Phosphate

Screw Size: #10
Panel Range: .025"-.060"
Center of Hole to Edge: 11/32"

UNIT PACKAGE: 100



2303

Phosphate

Screw Size: #10
Panel Range: .027"-.045"
Center of Hole to Edge: 3/16"

UNIT PACKAGE: 100



5197

Phosphate

Machine Screw Size: #10-24
Panel Range: .045"-.062"
Center of Hole to Edge: 9/16"

UNIT PACKAGE: 100



3797

Phosphate

Screw Size: #10
Panel Range: .045"-.062"
Center of Hole to Edge: 13/32"

UNIT PACKAGE: 100



2057

Phosphate

Screw Size: #14
Panel Range: .032"-.040"
Center of Hole to Edge: 1/2"

UNIT PACKAGE: 100



1913

Phosphate

Screw Size: #10
Panel Range: .020"-.051"
Center of Hole to Edge: 15/32"

UNIT PACKAGE: 50



2420

Phosphate

Screw Size: #14
Panel Range: .028"-.056"
Center of Hole to Edge: 15/32"

UNIT PACKAGE: 100



3770

Phosphate

Screw Size: #10
Panel Range: .030"-.037"
Center of Hole to Edge: 3/8"

UNIT PACKAGE: 100



2293

(9431647)
Phosphate

Machine Screw Size: 1/4"-20
Panel Range: .064"-.125"
Center of Hole to Edge: 9/16"

UNIT PACKAGE: 100



2422

Phosphate

Screw Size: #10
Panel Range: .025"-.064"
Center of Hole to Edge: 3/8"

UNIT PACKAGE: 100



1907

Phosphate

Tapping Screw Size: 5/16"-10
Panel Range: .032"-.064"
Center of Hole to Edge: 1/2"

UNIT PACKAGE: 50



5576

Phosphate

Screw Size: #10
Panel Range: .045"-.062"
Center of Hole to Edge: 13/32"

UNIT PACKAGE: 100

J TYPE CAGE AND SPRING TYPE U NUTS

J TYPE CAGE NUTS

Phosphate Finish



Auveco Part No.	Screw Size	Panel Range	Center of Hole to Edge	Unit Pkg.
5586	1/4"-20 USS	.032/.093"	1/2"	50
3616	5/16"-18 USS	.087"-.093"	9/16"	25
5589	5/16"-18 USS	.087"-.093"	9/16"	50
5170	3/8"-16 USS	.050/.090"	9/16"	25

SPRING TYPE U-NUTS



10064

Phosphate

Screw Size: #6
Panel Range: .025"-.125"
Center of Hole to Edge: 3/8"

UNIT PACKAGE: 50



20582

(9433156)
Phosphate

Screw Size: #8
Panel Range: .125" - .250"
Center of Hole to Edge: 3/8"
GM

UNIT PACKAGE: 100



10065

Phosphate

Screw Size: #8
Panel Range: .025"-.125"
Center of Hole to Edge: 3/8"

UNIT PACKAGE: 25



10066

Phosphate

Screw Size: #10
Panel Range: .025"-.125"
Center of Hole to Edge: 11/32"

UNIT PACKAGE: 25

16267

Same as 10065 except for unit package quantity

UNIT PACKAGE: 100



15752

Phosphate

Screw Size: #10
Panel Range: .025"-.150"
Center of Hole to Edge: 9/16"

UNIT PACKAGE: 50



9880

(9424837, 9431530; 381818-S2)
Phosphate

Screw Size: #8
Panel Range: .025"-.150"
Center of Hole to Edge: 3/8"
GM, Ford

UNIT PACKAGE: 100



9881

(9425491)
Phosphate

Screw Size: #14
Panel Range: .025"-.150"
Center of Hole to Edge: 5/16"
GM

UNIT PACKAGE: 100



9879

(9440178, 11504531; 381863-S2)
Phosphate

Screw Size: #8
Panel Range: .025"-.150"
Center of Hole to Edge: 5/8"
GM, Ford

UNIT PACKAGE: 100



10067

Phosphate

Screw Size: #14
Panel Range: .025"-.125"
Center of Hole to Edge: 3/8"

UNIT PACKAGE: 25

Sec. 9

U-TYPE SPECIAL NUTS



14526

(N802538-S100)
Green Phosphate

Screw Size: #8
Panel Range: 1/16"-5/32"
Center of Hole to Edge: 5/16"
Width: 17/32", Length: 51/64"
Ford

UNIT PACKAGE: 50



19162

(1638575, 25512688)
Zinc

Screw Size: M4.2 (#8)
Panel Range: .035"-.049"
Center of Hole to Edge: 9/16"
GM

UNIT PACKAGE: 25



14527

(10041588, 25530441)
Phosphate

Screw Size: #8
Panel Range: 1/16"-3/16"
Center of Hole to Edge: 19/32"
Width: 35/64", Length: 1-1/32"
GM

UNIT PACKAGE: 50

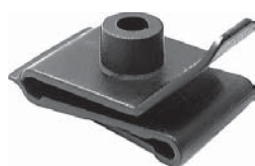


19163

Zinc

3 Position U-Nut
Screw Size: M4.2 (#8)
Panel Range: Up to 3/32"
Center of Hole to Edge: 15/32"
Width: 27/32", Length: 7/8"

UNIT PACKAGE: 25



14750

(Toyota: 53879-14010-A,
53879-14020, 53879-22030;
GM: 94841226;
Mazda: LA01-56-135)

Nylon U-Nut Fender/
Wheel Housing Applications
Screw Size: #10
Panel Range: Up to 1mm
Center of Hole to Edge: 11mm
Width: 20mm, Length: 31mm
Toyota, Geo Prizm, Nova & Mazda

UNIT PACKAGE: 15



19164

Phosphate

4 Position U-Nut
Screw Size: M4.2 (#8)
Panel Range: Up to 5/32"
Center of Hole to Edge: 7/16"
Width: 15/16", Length: 29/32"

UNIT PACKAGE: 25

19669
Same as 14750 except for unit package quantity

UNIT PACKAGE: 25



19165

Phosphate

Multi-Position U-Nut
Screw Size: M4.2(#8)
Panel Range: Up to 5/64"
Center of Hole to Edge: 25/64"
Width: 3/4", Length: 11/16"

UNIT PACKAGE: 25



20956

(90467-05114)
Black Nylon

Bumper & Fender Apron
Nylon U-Nut
Screw Size: M5.5 (#12)
Center of Hole to Edge: 14mm
Panel Range: Up to 1mm
Width: 20mm, Length: 36mm
Lexus & Toyota

UNIT PACKAGE: 10



19166

(1260888, 25556911)
Phos. & Blue

Multi-Position U-Nut
Screw Size: M4.2 (#8)
Panel Range: 1/16"-5/64"
Center of Hole to Edge: 7/16"
Windshield Defroster Nozzle & Various
Instrument Panel Applications
GM 1984 - On

UNIT PACKAGE: 25

EXTRUDED U-NUTS

Fold Over Nuts



10048

(45262)
Phosphate

Screw Size: #8-32
Panel Range: .025"-.150"
Center of Hole to Edge: 3/8"
Ford

UNIT PACKAGE: 50



8375

(152266)
Phosphate

Screw Size: 5/16"-18
Panel Range: .025"-.060"
Center of Hole to Edge: 9/16"
GM

UNIT PACKAGE: 50



18898

(45262)
Phosphate

Screw Size: #8-32
Panel Range: .079"-.118"
Center of Hole to Edge: 3/8"
Ford

UNIT PACKAGE: 50



10053

(Chry: 6023171; Ford: 45264)
Phosphate

Screw Size: 5/16"-18
Panel Range: .025"-.150"
Center of Hole to Edge: 9/16"
Ford

UNIT PACKAGE: 50



15677

(152273)

Phosphate

Screw Size: #10-24
Panel Range: .025"-.125"
Center of Hole to Edge: 15/32"
GM

UNIT PACKAGE: 50



12265

(45264-S2)
Phosphate

Screw Size: 5/16"-18
Panel Range: .040"-.125"
Center of Hole to Edge: 9/16"
Ford

UNIT PACKAGE: 50



8359

(1480627, 1494252)
Phosphate

Screw Size: 1/4"-20
Panel Range: .025"-.150"
Center of Hole to Edge: 17/32"
GM

UNIT PACKAGE: 50



8377

(1480909)
Phosphate

Screw Size: 5/16"-18
Panel Range: .060"-.090"
Center of Hole to Edge: 9/16"
GM

UNIT PACKAGE: 50



10050

(45263-S2)
Phosphate

Screw Size: 1/4"-20
Panel Range: .025"-.150"
Center of Hole to Edge: 17/32"
Ford

UNIT PACKAGE: 25

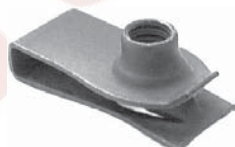


8372

(152267)
Phosphate

Screw Size: 5/16"-18
Panel Range: .120"-.150"
Center of Hole to Edge: 9/16"
GM

UNIT PACKAGE: 50



10051

(45267; 1494257)
Phosphate

Screw Size: 1/4"-20
Panel Range: .025"-.150"
Center of Hole to Edge: 25/32"
Ford, GM

UNIT PACKAGE: 50



10830

(1494253)
Phosphate

Screw Size: 5/16"-18
Panel Range: .025"-.150"
Center of Hole to Edge: 9/16"
GM

UNIT PACKAGE: 50

Sec. 9

EXTRUDED U-NUTS

Fold Over Nuts



8814

(1494258; 379831-S)
Phosphate

Screw Size: 5/16"-18
Panel Range: .025"- .150"
Center of Hole to Edge: 27/32"
GM & Ford

UNIT PACKAGE: 25



10052

(10008002; 45268-S2)
Phosphate

Screw Size: 5/16"-18
Panel Range: .025"- .150"
Center of Hole to Edge: 7/8"
GM & Ford

UNIT PACKAGE: 25



10054

(1494254, 12337873, 45265-S2)
Phosphate

Screw Size: 3/8"-16
Panel Range: .050"- .200"
Center of Hole to Edge: 3/4"
GM & Ford

UNIT PACKAGE: 25



10055

(45269)
Phosphate

Screw Size: 3/8"-16
Panel Range: .050"- .200"
Center of Hole to Edge: 1-1/8"
Ford

UNIT PACKAGE: 25

Metric Extruded U-Nuts



18337

(GM: 11500654;
Ford: N623330-S2)
Zinc Organic

Screw Size: M4-.7
Panel Range: .60mm-3.8mm (.024"- .150")
Center of Hole to Edge: 9.5mm (3/8")
GM & Ford

UNIT PACKAGE: 50



11625

(11500655)
Phosphate

Screw Size: M4-.7
Panel Range: .80mm-4.00mm (.030"- .160")
Center of Hole to Edge: 13.5mm (17/32")
GM

UNIT PACKAGE: 50



20339

(11516397)
Zinc Organic

Locking Thread
Screw Size: M4.2-1.41 (#8)
Panel Range: .5mm-2.0mm (.020"- .079")
Center of Hole to Edge: 10mm (25/64")
GM

UNIT PACKAGE: 50

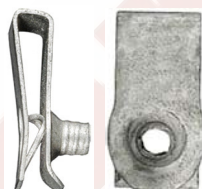


21040

(11513599)
Zinc Organic

Locking Thread
Screw Size: M4.2-1.41 (#8)
Panel Range: .65mm-3.8mm (.025"- .150")
Center of Hole to Edge: 9.5mm (3/8")
GM

UNIT PACKAGE: 25

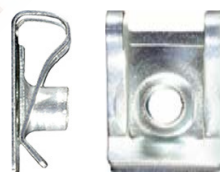


22074

(GM: 11515638)
Zinc Organic

Locking Thread
Metric Extruded U-Nut
Screw Size: M4.2-1.41 (#8)
Panel Range: .65mm-3.80mm (.025"- .150")
Center of Hole to Edge: 15mm
GM

UNIT PACKAGE: 25



22113

(BMW: 51127070202;
VW: N90168602)
Zinc Finish

Metric Extruded U-Nut
Screw Size: M5-.8
Panel Range: .45mm - 1.5mm
Center of Hole to Edge: 11.5mm
BMW 1999 - 1992
VW 1993 - On

UNIT PACKAGE: 25



18338

(GM: 11505596; Ford: N623331-S2)
Phosphate

Screw Size: M5-.8
Panel Range: .60mm-3.8mm (.024"- .150")
Center of Hole to Edge: 11mm (7/16")
GM, Ford

UNIT PACKAGE: 50

EXTRUDED U-NUTS

Fold Over Nuts

Sec. 9



11626

(11500657)
Phosphate

Screw Size: M5-.8
Panel Range: .80mm-4.00mm (.030"-.160")
Center of Hole to Edge: 15.8mm (5/8")
GM

UNIT PACKAGE: 50



21540

(GM: 24449408)
Orange Nylon

Screw Size: M5.5 (#12)
Panel Range: Up to 2mm (.079")
Center of Hole to Edge: 12mm (15/32")
GM & Saab

Use with Auveco 21541

UNIT PACKAGE: 25



16846

(6502152)
Phosphate

Tri-Lobular Locking Thread
Screw Size: M6-1.0
Panel Range: .80mm-4.00mm (.030"-.160")
Center of Hole to Edge: 12mm (15/32")
Chrysler

UNIT PACKAGE: 50



16842

(11504047; N802331-S53)
Phosphate

Screw Size: M6-1.0
Panel Range: 3.4mm-6.3mm (.140"-.250")
Center of Hole to Edge: 13.5mm (17/32")
GM & Ford

UNIT PACKAGE: 25



18449

(6101308)
Phosphate

Locking Thread
Screw Size: M6-1.0
Panel Range: .80mm-4.00mm (.030"-.160")
Center of Hole to Edge: 13.5mm (17/32")
Chrysler

UNIT PACKAGE: 50



11864

(11503714, 11503716)
Phosphate

Screw Size: M6-1.0
Panel Range: .80mm-4.00mm (.030"-.160")
Center of Hole to Edge: 13.5mm (17/32")
GM

UNIT PACKAGE: 50



12669

1016937, 11503957; 12337917
N623332-S2, -S53 & -S100;
W5220822-S426)

Phosphate

Screw Size: M6-1.0
Panel Range: .80mm-4.00mm (.030"-.160")
Center of Hole to Edge: 13.5mm (17/32")
GM, Ford

UNIT PACKAGE: 25



22105

(Honda: 90675-SA5-003)
Zinc

Metric Extruded U-Nut
Screw Size: M6-1.0
Panel Range: 2mm - 4mm
Center of Hole to Edge: 14.5mm (9/16")
Acura 2007 - 1998; Honda 2014 - 1983

UNIT PACKAGE: 25



12666

(11504978)
Zinc Organic

Screw Size: M6-1.0
Panel Range: 3.4mm-6.3mm (1.35"-.250")
Center of Hole to Edge: 14.5mm (9/16")
GM

UNIT PACKAGE: 25



20416

(11516372)
Zinc Organic

Screw Size: M6-1.0
Panel Range: 2.0mm-5.0mm (.079" - .197")
Center of Hole to Edge: 14.5mm (9/16")
GM

UNIT PACKAGE: 25



12575

(11503715, 11508241,
11609385)
Phosphate

Screw Size: M6-1.0
Panel Range: .80mm-4.0mm (.030"-.160")
Center of Hole to Edge: 19.5mm (25/32")
GM

UNIT PACKAGE: 25



16322

(14040999)
Phosphate

Screw Size: M6-1.0
Panel Range: 1.0mm-2.5mm (.045"-.095")
Center of Hole to Edge: 19.5mm (25/32")
GM

UNIT PACKAGE: 50

Sec. 9

EXTRUDED U-NUTS

Fold Over Nuts



19480
(N805889-S100)
Phosphate

Screw Size: M6-1.0
Panel Range: 4.3mm-5.6mm
(.172"- .219")

Center of Hole to Edge: 21mm (13/16")
Ford

UNIT PACKAGE: 15



11630
(11500661, 11503317,
11516150;
N623343-S2 & S100)
Phosphate

Screw Size M8-1.25
Panel Range: .80mm-4.00mm (.030"- .160")
Center of Hole to Edge: 20mm (13/16")
GM, Ford

UNIT PACKAGE: 25



11627
(11502785, 11504035)
Phosphate

Screw Size: M6.3-1.0
Panel Range: .80mm-4.00mm (.030"- .160")
Center of Hole to Edge: 13.5mm (17/32")
GM

UNIT PACKAGE: 25



19644
(10084751)
Phosphate

Screw Size: M8-1.25
Panel Range: 1.7mm-5.5mm (.067"- .217")
Center of Hole to Edge: 28.5mm (1-1/8")
GM

UNIT PACKAGE: 15



11628
(9433043, 11500658)
Phosphate

Screw Size: M6.3-1.0
Panel Range: .80mm-4.00mm (.030"- .160")
Center of Hole to Edge: 13.5mm (17/32")
GM

UNIT PACKAGE: 25



18401
(N801117-S100)
Black Phosphate

Locking Thread
Screw Size: M8-1.25
Panel Range: 4mm-7mm (.157"- .276")
Center of Hole to Edge: 21mm (13/16")
Ford

UNIT PACKAGE: 25



12667
(11503455, 11504288)
Zinc Organic

Screw Size: M8-1.25
Panel Range: 1.50mm-5.50mm
(.060"- .216")
Center of Hole to Edge: 14.5mm (9/16")
GM

UNIT PACKAGE: 25



11631
(11500662, 22531616)
Phosphate

Screw Size: M10-1.50
Panel Range: 1.0mm-6.0mm
(.040"- .230")
Center of Hole to Edge: 19mm (3/4")
GM

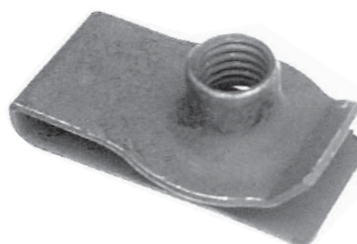
UNIT PACKAGE: 25



11629
(11500660, 11502617;
N623333-S2; 6101283)
Phosphate

Screw Size: M8-1.25
Panel Range: .80mm-4.00mm (.030"- .160")
Center of Hole to Edge: 14.5mm (9/16")
GM, Ford, Chrysler

UNIT PACKAGE: 25



18339
(GM: 11500663;
Ford: N623344-S2)
Phosphate

Screw Size: M10-1.5
Panel Range: 1.5mm-5.5mm (.060"- .215")
Center of Hole to Edge: 28mm (1-3/32")
GM, Ford

UNIT PACKAGE: 25

WASHERS

Sec. 10



Countersunk Type Washers

Screw Size	I.D.	O.D.	Nickel Plated Brass			Black Zinc Plated Brass		Plain Brass	
			Unit Pkg. 100	Unit Pkg. 144	Unit Pkg. 1000	Part No.	Unit Pkg.	Part No.	Unit Pkg.
#4	9/64"	3/8"	612		7613				
#6	11/64"	7/16"	614	7143	7615	16011	100		
#8	13/64"	1/2"	616	7145	7616	16012	100		
#10	1/4"	19/32"	618	7147	7618	16013	100	16593	100
#12	9/32"	11/16"	619	7148					



Flanged Type Countersunk Washers

Screw Size	I.D.	O.D.	Nickel on Brass Part No.	Black Zinc on Brass Part No.	Stainless Steel Part No.	Unit Pkg.
#6	5/32"	1/2"	3469		3470	100
#8	13/64"	5/8"	2515	16009	2597	100
#10	1/4"	11/16"	3471		3472	100

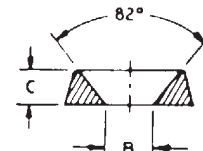
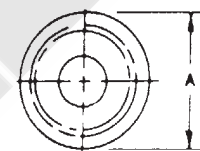


Flush Type Washers Nickel Plated on Brass

Unit Pkg. 100	Unit Pkg. 144	Unit Pkg. 1000	Screw Size	I.D.	O.D.
602	7137	7624	#6	5/32"	11/32"
604	7138	7625	#8	3/16"	3/8"
16015		16016	#10	13/64"	15/32"

Nylon Finishing Washers

Available in natural or black nylon.
 These molded washers protect cabinets from scratching, cover misaligned holes, etc.
 May also be used as guides, bumpers and spacers.



Auveco Part No.	Screw Size	O.D. (A)	I.D. (B)	Thickness (C)	Color	Unit Pkg.
13717	#6	.437" (11.10mm)	.143" (3.63mm)	.100" (2.54mm)	Black	50
13718	#8	.515" (13.08mm)	.171" (4.34mm)	.115" (2.92mm)	Natural	50
13719	#8	.515" (13.08mm)	.171" (4.34mm)	.115" (2.92mm)	Black	50
13720	#10	.580" (14.73mm)	.191" (4.85mm)	.152" (3.86mm)	Natural	50
13721	#10	.580" (14.73mm)	.191" (4.85mm)	.152" (3.86mm)	Black	50
13723	#12	.609" (15.47mm)	.225" (5.72mm)	.160" (4.06mm)	Black	50
13724	#14	.683" (17.35mm)	.251" (6.38mm)	.183" (4.65mm)	Natural	50
13725	#14	.683" (17.35mm)	.251" (6.38mm)	.183" (4.65mm)	Black	50



USS (Wrought) Washers

Bolt Size	I.D.	O.D.	Thick-ness	Zinc Part No.	Plain Part No.	Unit Pkg.
3/16"	1/4"	9/16"	3/64"	8605		100
1/4"	5/16"	3/4"	1/16"	8606	3929	100
5/16"	3/8"	7/8"	1/16"	8607	3930	100
3/8"	7/16"	1"	5/64"	8608	3931	100
7/16"	1/2"	1-1/4"	5/64"	8609	3932	100
1/2"	9/16"	1-3/8"	7/64"	8610	3933	100
9/16"	5/8"	1-1/2"	7/64"	8611		100
5/8"	11/16"	1-3/4"	9/64"	8612	3935*	50
3/4"	13/16"	2"	5/32"	8613		50

* Unit package quantity is 100



SAE Washers Zinc

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
3984	#6 (1/8")	5/32"	3/8"	3/64"	100
16721	#8 (5/32")	3/16"	7/16"	3/64"	100
3985	#10 (3/16")	7/32"	1/2"	1/16"	100
3986	1/4"	9/32"	5/8"	1/16"	100
3987	5/16"	11/32"	11/16"	1/16"	100
3988	3/8"	13/32"	13/16"	1/16"	100
3989	7/16"	15/32"	15/16"	1/16"	100
3990	1/2"	17/32"	1-1/16"	3/32"	100
3991	9/16"	19/32"	1-3/16"	3/32"	100
3992	5/8"	21/32"	1-5/16"	3/32"	100
3993	3/4"	13/16"	1-1/2"	1/8"	100
8621	7/8"	29/32"	1-3/4"	1/8"	100

Sec. 10

WASHERS



High Strength Grade 8 Washers

1035 Steel • R/C38-45 Hardness • Zinc & Gold Dichromate Finish
For use with Grades 5 and 8 Bolts

USS Sizes

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
12771	1/4"	5/16"	3/4"	.051/.080"	100
12772	5/16"	3/8"	7/8"	.064/.104"	100
12773	3/8"	7/16"	1"	.064/.104"	100
12774	7/16"	1/2"	1-1/4"	.064/.104"	50
12775	1/2"	9/16"	1-3/8"	.097/.121"	50
12776	9/16"	5/8"	1-1/2"	.097/.121"	25
12777	5/8"	11/16"	1-3/4"	.108/.160"	25
12778	3/4"	13/16"	2"	.122/.177"	10
12779	7/8"	15/16"	2-1/4"	.136/.192"	10

SAE Sizes

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
12781	1/4"	9/32"	5/8"	.055/.072"	100
12782	5/16"	11/32"	11/16"	.055/.072"	100
12783	3/8"	13/32"	13/16"	.055/.072"	100
12784	7/16"	15/32"	59/64"	.055/.072"	50
12785	1/2"	17/32"	1-1/16"	.097/.121"	50
12786	9/16"	19/32"	1-3/16"	.097/.121"	50
12787	5/8"	11/16"	1-5/16"	.122/.146"	25
12788	3/4"	13/16"	1-15/32"	.122/.146"	25
12789	7/8"	15/16"	1-3/4"	.136/.160"	15
12790	1"	1-1/8"	2"	.136/.160"	10

Spring Type
Lock Washers
Grade 5 • Zinc

Auveco Part No.	Bolt Size	Unit Pkg.
5717	#6 (1/8")	200
5718	#8 (5/32")	200
5719	#10 (3/16")	200
5720	1/4"	200
5721	5/16"	200
5722	3/8"	200
5723	7/16"	200
5724	1/2"	200
8649	9/16"	100
8650	5/8"	100
14879	3/4"	50



Copper Washers

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
15911	3/16"	1/4"	7/16"	1/32"	50
15914	3/16"	1/4"	5/8"	1/16"	25
15912	1/4"	5/16"	1/2"	1/32"	50
15915	1/4"	5/16"	11/16"	1/16"	25
15913	5/16"	3/8"	9/16"	1/32"	50
15916	5/16"	3/8"	3/4"	1/16"	25
15917	3/8"	7/16"	13/16"	1/16"	25
15918	7/16"	1/2"	7/8"	1/16"	25
15919	1/2"	9/16"	13/16"	3/32"	25

Belleville Washers
Phosphate and Oil

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
14847	1/4"-6mm	.255"	.500"	.022"	50
14848	1/4"-6mm	.255"	.500"	.038"	50
14850	5/16"-8mm	.317"	.625"	.047"	50
14851	3/8"-10mm	.380"	.750"	.034"	25
14852	3/8"-10mm	.380"	.750"	.056"	25
14854	1/2"-12mm	.505"	1.00"	.050"	25

Bowed Spring Washers
Black Parkerized

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
9630	3/8"	25/64"	3/4"	1/64"	50

High Alloy Lock Washers
Grade 8
Zinc & Yellow Dichromate
For use with Grade 5 & 8 Bolts

Auveco Part No.	Bolt Size	Unit Pkg.
11925	1/4"	100
11926	5/16"	100
11927	3/8"	100
11928	7/16"	50
11929	1/2"	50
11931	5/8"	50
11933	7/8"	25

For fastener assortments refer to assortments 1020 and 1030 in the green pages.

WASHERS

Sec. 10



Fender Washers

Zinc Plated

Auveco Part No.	Bolt Size	I.D.	O.D.	Thick-ness	Unit Pkg.
2007	3/16"	7/32"	1/2"	3/64"	100
1183	3/16"	7/32"	3/4"	3/64"	100
16018	3/16"	7/32"	1"	3/64"	100
16019	3/16"	7/32"	1-1/4"	3/64"	50
2008	1/4"	9/32"	5/8"	3/64"	100
16020	1/4"	9/32"	1"	1/16"	100
2333	1/4"	9/32"	1-1/4"	1/16"	100
16021	1/4"	9/32"	1-1/2"	3/64"	50
1376	5/16"	21/64"	3/4"	1/16"	100
768	5/16"	11/32"	1-1/4"	3/64"	100
17095	5/16"	11/32"	1-1/4"	1/8"	25
1700	5/16"	11/32"	1-1/2"	3/64"	50
3553	3/8"	13/32"	1-1/4"	1/16"	100
2227	3/8"	13/32"	1-1/2"	3/64"	50
16022	3/8"	27/64"	1-5/8"	1/16"	50
1294	3/8"	7/16"	1-3/4"	1/16"	25
17094	3/8"	7/16"	1-3/4"	1/8"	25
3554	1/2"	17/32"	1-1/4"	3/64"	100
3556	1/2"	17/32"	1-1/2"	3/64"	100
16023	1/2"	17/32"	2"	1/16"	25



Vibration Proof Lock Washers

Zinc Flake Coated

For use with Grade 5, Grade 8 & ASTM 574 High Grade Bolts

These washers have cams or wedges on one side, a lead angle greater than a thread angle, and radial teeth or ribs on the other side. The washers are installed cam face to cam face. When tightening the fastener to preload, the teeth penetrate and seat against the joint material and the nut and/or fastener head. When subjected to vibration the interacting cams create a wedge action which prevents the fastener from vibrating loose.

Material: Carbon Steel
Hardness: Through Hardened: 465HVI

Auveco Part No.	Bolt Size	O.D.	Unit Pkg.
19282	3/16" (5mm)	11/32"	50 (25 pr.)
19283	1/4" (6mm)	27/64"	50 (25 pr.)
19284	5/16" (8mm)	17/32"	50 (25 pr.)
19285	3/8" (10mm)	21/32"	50 (25 pr.)
19286	7/16" (11mm)	23/32"	30 (15 pr.)
19287	1/2" (12mm)	49/64"	20 (10 pr.)
19288	9/16" (14mm)	29/32"	20 (10 pr.)
19289	5/8" (16mm)	1"	20 (10 pr.)
19290	3/4" (20mm)	1-7/32"	10 (5 pr.)
19291	1" (25mm)	1-17/32"	10 (5 pr.)



External Lock Washers

Zinc

Auveco Part No.	Bolt Size	O.D.	Unit Pkg.
5249	#4 (3/32")	1/4"	100
5250	#6 (1/8")	5/16"	100
5251	#8 (5/32")	3/8"	100
5252	#10 (3/16")	3/8"	100
5253	#12 (7/32")	15/32"	100
5254	#14 (1/4")	1/2"	100
5255	5/16"	19/32"	100
5256	3/8"	11/16"	100
5257	7/16"	3/4"	100
5258	1/2"	7/8"	100
16676	5/8"	1-1/32"	50
16677	3/4"	1-3/16"	50



Countersunk External Lock Washers

Zinc

Auveco Part No.	Bolt Size	O.D.	Unit Pkg.
5270	#6 (1/8")	9/32"	100
5271	#8 (5/32")	5/16"	100
5272	#10 (3/16")	11/32"	100
5274	#14 (1/4")	7/16"	100



Internal Lock Washers

Zinc

Auveco Part No.	Bolt Size	O.D.	Unit Pkg.
5259	#4 (3/32")	1/4"	100
5260	#6 (1/8")	9/32"	100
5261	#8 (5/32")	5/16"	100
5262	#10 (3/16")	3/8"	100
5263	#12 (7/32")	13/32"	100
5264	#14 (1/4")	15/32"	100
5265	5/16"	19/32"	100
5266	3/8"	11/16"	100
5267	7/16"	25/32"	100
5268	1/2"	7/8"	100
16672	5/8"	1-1/16"	100
16673	3/4"	1-7/32"	50
16675	1"	1-19/32"	10

Sec. 10

WASHERS



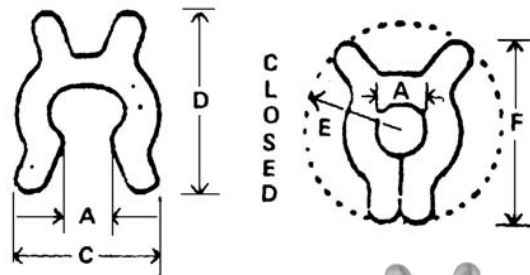
**Internal-External
Combination
Lock Washers**
Zinc

Auveco Part No.	Bolt Size	O.D.	Unit Pkg.
17017	#6 (1/8")	1/2"	100
17018	#8 (5/32")	1/2"	100
17019	#10 (3/16")	9/16"	100
17020	#14 (1/4")	23/32"	100
17021	5/16"	7/8"	100
17022	3/8"	31/32"	100
17023	7/16"	1-1/32"	50
17024	1/2"	1-7/32"	50



**Natural Nylon Flat
Washers**

Auveco Part No.	Bolt Size	I.D. + .015	O.D. + .015	Thick. + .010	Unit Pkg.
13888	1/16"	.115"	.250"	.032"	100
13891	1/16"	.140"	.312"	.062"	100
13892	1/8"	.171"	.375"	.032"	100
13893	1/8"	.171"	.375"	.062"	100
13894	1/8"	.194"	.375"	.032"	100
13895	1/8"	.194"	.375"	.062"	100
13896	3/16"	.242"	.375"	.062"	100
13897	1/8"	.200"	.437"	.062"	100
13898	3/16"	.257"	.500"	.062"	100
13899	1/4"	.281"	.500"	.030"	100
13900	1/4"	.317"	.500"	.062"	100
13902	3/16"	.260"	.562"	.062"	100
13903	1/8"	.187"	.625"	.062"	50
13904	5/16"	.380"	.625"	.062"	50
13905	3/16"	.260"	.687"	.060"	50
13906	3/8"	.421"	.687"	.062"	50
13907	1/2"	.568"	.687"	.062"	50
13908	1/4"	.317"	.750"	.062"	50
13909	5/16"	.390"	.750"	.062"	50
13910	3/8"	.443"	.750"	.062"	50
13911	7/16"	.505"	.750"	.062"	50
13912	3/16"	.257"	.875"	.062"	50
13913	5/16"	.343"	.885"	.062"	50
13914	3/8"	.406"	1.000"	.062"	25
13916	7/16"	.516"	1.250"	.062"	25
13918	5/16"	.390"	1.260"	.062"	25
13919	7/16"	.500"	1.375"	.062"	25
13920	7/16"	.525"	1.375"	.125"	25
13921	5/8"	.665"	1.500"	.094"	25



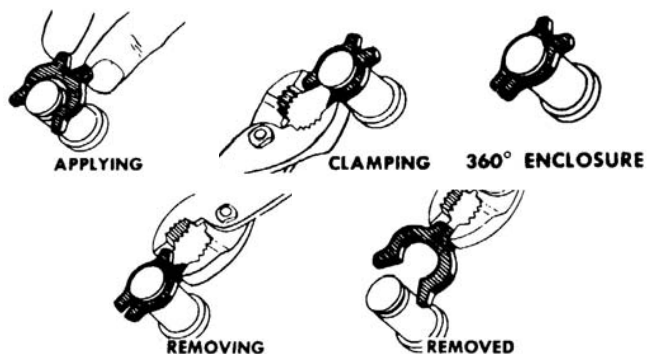
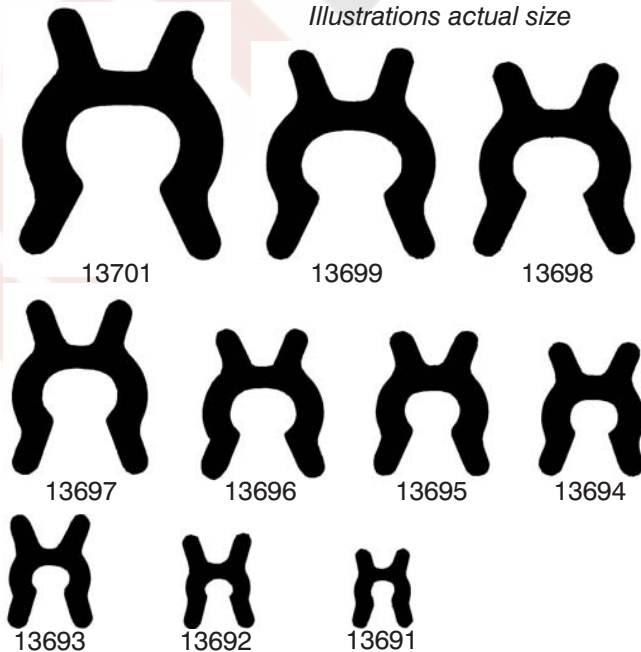
X-Washers
Zinc



Auveco Part No.	Material Thickness	A	C	D	E	F	Unit Pkg.
13691	.025	.086	.320	.406	.210	.406	50
13692	.055	.098	.364	.490	.297	.475	50
13693	.055	.130	.438	.576	.338	.558	50
13694	.065	.164	.523	.687	.422	.665	50
13695	.065	.190	.593	.745	.437	.730	25
13696	.075	.222	.622	.776	.469	.775	25
13697	.075	.256	.698	.905	.500	.890	25
13698	.075	.285	.822	.986	.563	.984	25
13699	.089	.317	.872	1.100	.609	1.078	25
13701	.089	.381	1.060	1.297	.797	1.281	10

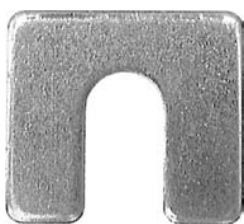
Commercial tolerances all X-Washers

Illustrations actual size



SHIMS

Sec. 10



1-1/4" x 1-1/8"
Slot: 3/8"
Zinc

3155
Thick: 1/16"
UNIT PKG: 100

3156
Thick: 1/8"
UNIT PKG: 100



2" x 1-1/2"
Slot: 5/8"
Zinc

2999
1/8" Thick
UNIT PKG: 50



2" x 1-1/2"
Slot: 3/4"
Zinc

3000
Thick: 1/8"
UNIT PKG: 50



Outer Diameter: 15/16"
Slot: 3/8"
Zinc

20448
Thick: 1/16"
UNIT PKG: 50

20449
Thick: 1/8"
UNIT PKG: 50



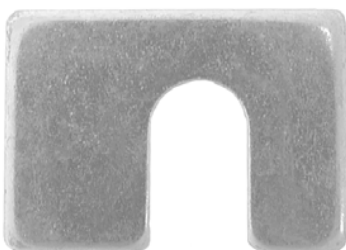
1-3/8" x 1-1/4"
Slot: 5/8"
Zinc

20322
Thick: 1/8"
UNIT PKG: 50



1-3/4" x 1-1/4"
Slot: 1/2"
Zinc

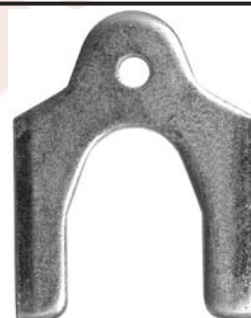
8445
Thick: 1/8"
(10 Gauge Steel)
UNIT PACKAGE: 50



1-3/4" x 1-1/4"
Slot: 1/2"
Zinc

2452
Thick: 1/16"
UNIT PKG: 50

2453
Thick: 1/8"
UNIT PKG: 50



Universal Alignment Shim

1-3/16" x 1-15/32"
Slot: 5/8"
Zinc

Auveco Part No.	Thickness	Unit Pkg.
11187	1/32"	25



Caster and Camber and Ball Joints Ford

1-1/8" x 1-1/8"
Slot: 1/2"
Zinc

Auveco Part No.	Thickness	Unit Pkg.
5074	1/64"	50
5075	1/32"	50
5076	1/16"	50
5077	1/8"	50



Caster and Camber Shims Chevrolet and GMC Trucks

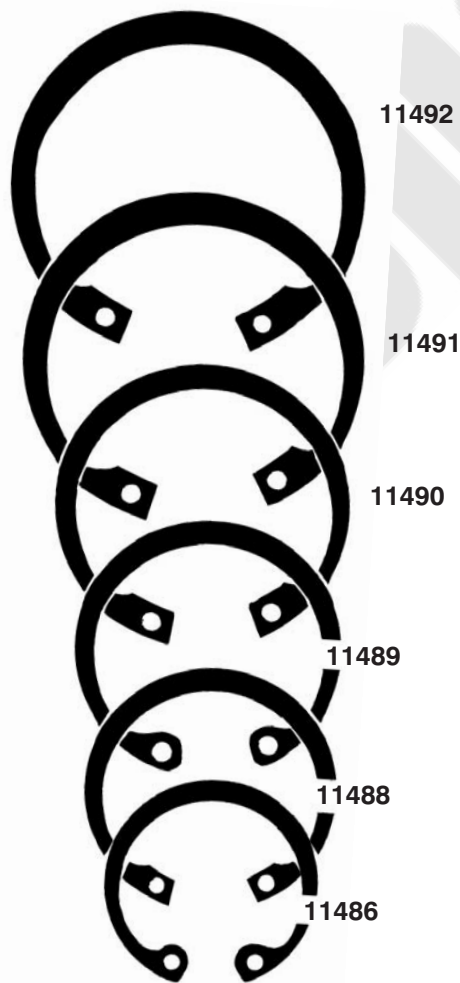
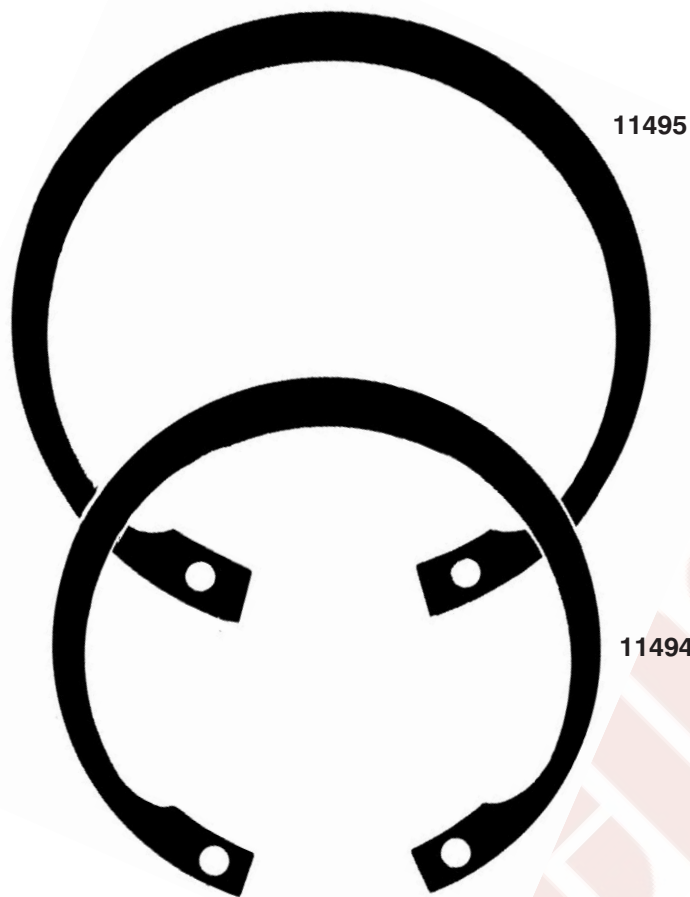
1-1/2" x 2-1/2"
Slot: 9/16"
Zinc

Auveco Part No.	Thickness	Unit Pkg.
5096	1/32"	50
5097	1/16"	50

METRIC RETAINING RINGS

Metric Basic Internal Retaining Rings

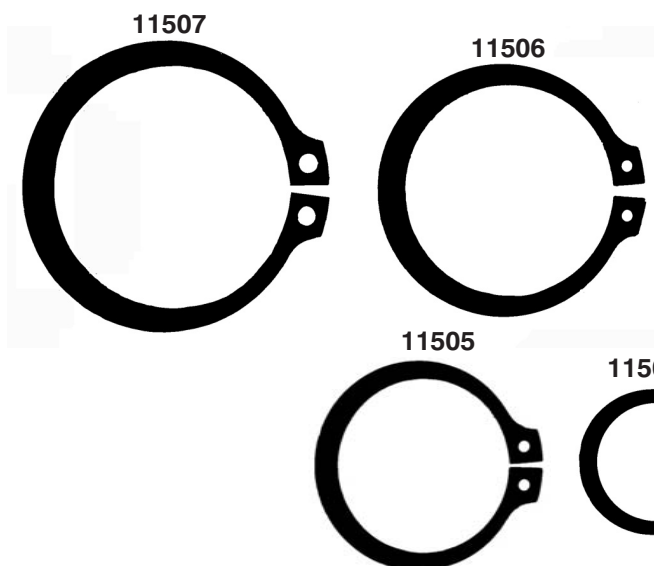
DIN 472 - 1300
Groove Required in Bore
Phosphate & Oil Finish



Auveco Part No.	Shaft Diameter		Groove Diameter		Groove Width		Unit Pkg.
	mm	Inches	mm	Inches	mm	Inches	
11486	26	1.024	27.2	1.072	1.30	.051	50
11488	30	1.181	31.4	1.237	1.30	.051	50
11489	32	1.260	33.7	1.328	1.30	.051	50
11490	35	1.378	37.0	1.457	1.60	.063	50
11491	40	1.575	42.5	1.675	1.85	.073	25
11492	42	1.654	44.5	1.753	1.85	.073	25
11494	52	2.047	55.0	2.165	2.15	.085	25
11495	62	2.441	65.0	2.559	2.15	.085	10

METRIC RETAINING RINGS

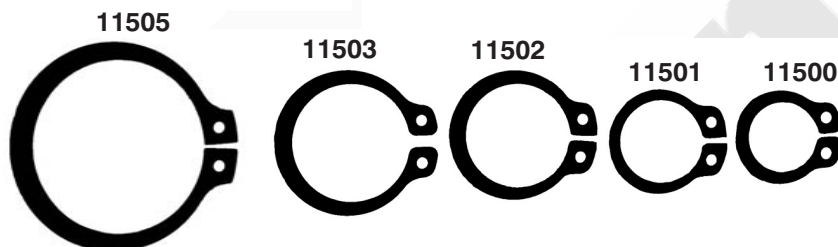
Sec. 10



Metric Basic External Retaining Rings

DIN 471 - 1400

Groove Required on Shaft
Phosphate & Oil Finish



Auveco Part No.	Shaft Diameter		Groove Diameter		Groove Width		Unit Pkg.
	mm	Inches	mm	Inches	mm	Inches	
11500	10.0	.394	9.6	.378	1.10	.043	100
11501	12.0	.472	11.5	.452	1.10	.043	100
11502	15.0	.591	14.3	.563	1.10	.043	100
11503	17.0	.670	16.2	.637	1.10	.043	50
11505	25.0	.985	23.9	.941	1.30	.051	50
11506	30.0	1.182	28.6	1.126	1.60	.063	50
11507	35.0	1.378	33.0	1.299	1.60	.063	50

E Type Retaining Rings

DIN 6799 - 1500

Phosphate & Oil Finish



Auveco Part No.	Shaft Diameter		Groove Diameter		Groove Width		Unit Pkg.
	mm	Inches	mm	Inches	mm	Inches	
11513	1.4	.055	1.2	.047	0.34	.0134	100
11514	2.0	.079	1.5	.059	0.44	.0173	100
11515	2.5	.098	1.9	.075	0.54	.0213	100
11516	3.0	.118	2.3	.091	0.64	.0252	100
11517	4.0	.157	3.2	.126	0.64	.0252	100
11518	5.0	.197	4.0	.157	0.74	.0291	100
11519	6.0	.236	5.0	.197	0.74	.0291	100
11520	7.0	.276	6.0	.236	0.74	.0291	100
11521	8.0	.315	7.0	.276	0.94	.0370	100
11523	10.0	.394	9.0	.354	1.15	.0453	100
11527	20.0	.787	19.0	.748	1.85	.0728	50

Sec. 10

RETAINING RINGS

Internal Self-Locking Retaining Rings

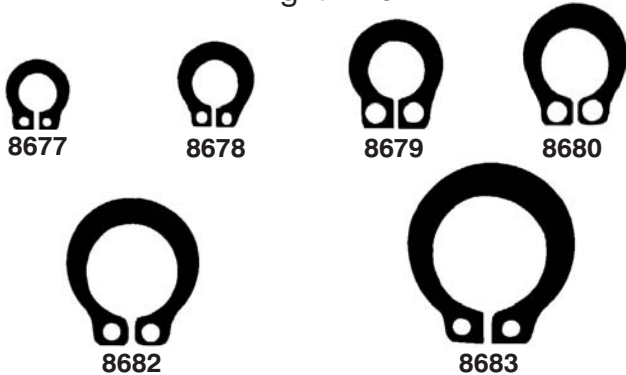


No Groove Required
Bright Zinc

Auveco Part No.	Shaft Diameter	Unit Pkg.
8715	3/16" - (.184 to .192 Shaft)	100

External Grip Rings

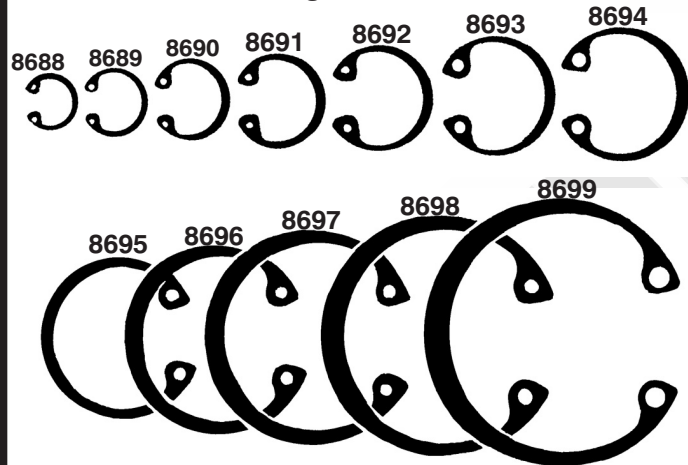
No Groove Required
Bright Zinc



Auveco Part No.	Shaft Diameter	Unit Pkg.
8677	3/16" - (.185 to .189 Shaft)	50
8678	1/4" - (.248 to .252 Shaft)	50
8680	3/8" - (.373 to .379 Shaft)	50
8682	1/2" - (.497 to .503 Shaft)	50
8683	5/8" - (.622 to .628 Shaft)	50

Basic Internal Retaining Rings

Groove Required on Shaft
Bright Zinc



Auveco Part No.	Housing Dia.	Groove Dia.	Groove Width	Unit Pkg.
8688	1/4"	.268"	.020"	50
8689	5/16"	.330"	.020"	50
8690	3/8"	.397"	.029"	50
8691	7/16"	.461"	.029"	50
8692	1/2"	.530"	.039"	50
8693	9/16"	.596"	.039"	50
8694	5/8"	.665"	.039"	50
8695	3/4"	.796"	.039"	50
8696	7/8"	.931"	.046"	50
8697	1"	1.066"	.046"	50
8698	1-1/8"	1.197"	.056"	50
8699	1-1/4"	1.330"	.056"	50

Basic External Retaining Rings

Groove Required on Shaft
Zinc

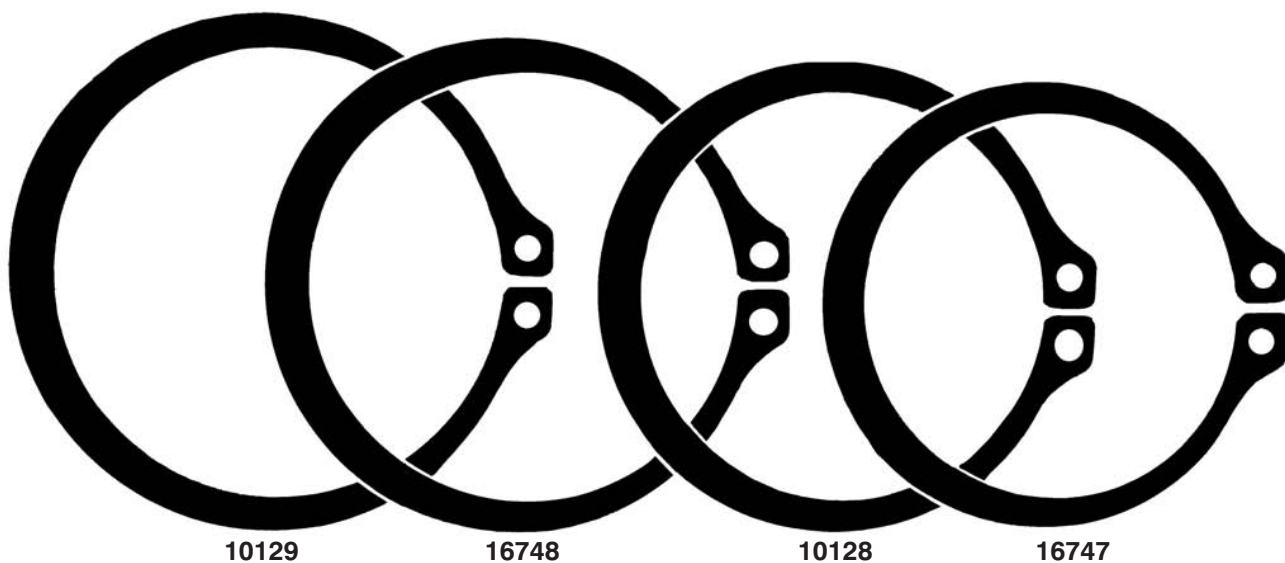
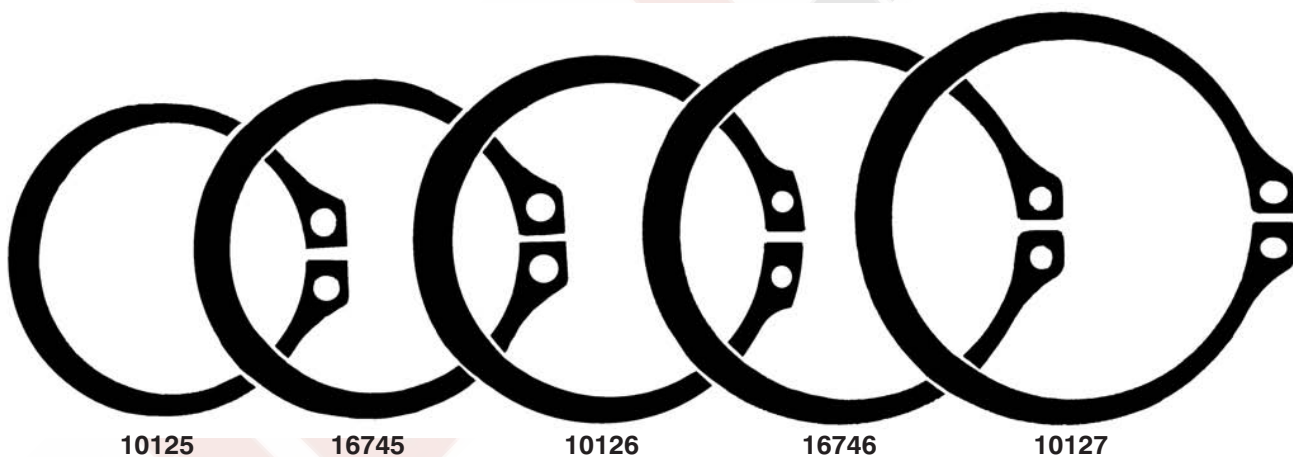
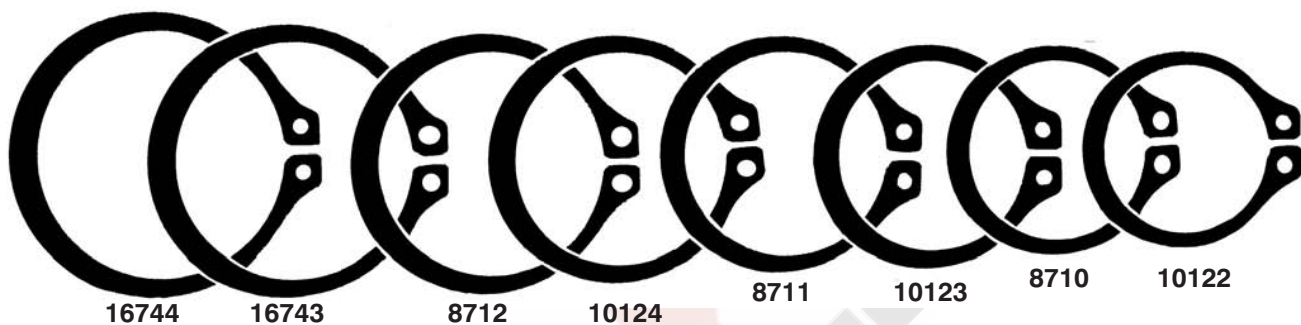
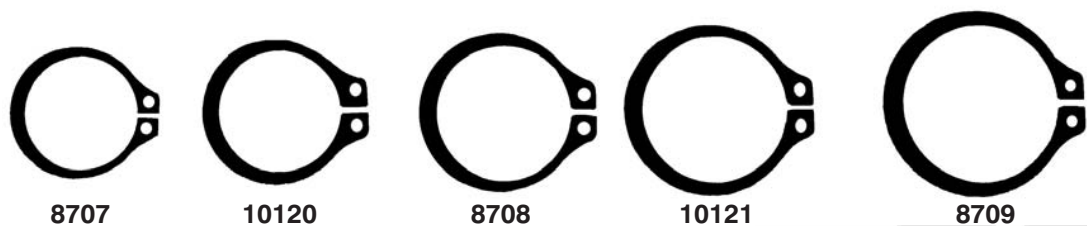
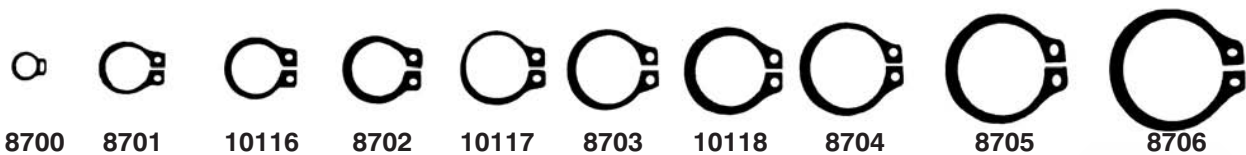
Actual Size Illustrations to the right

Auveco Part No.	Shaft Diameter	Groove Diameter	Groove Width	Unit Pkg.	Auveco Part No.	Shaft Diameter	Groove Diameter	Groove Width	Unit Pkg.
8700	1/8"	.117"	.012"	50	8710	1"	.940"	.046"	50
8701	1/4"	.230"	.029"	50	10123	1-1/16"	.998"	.056"	50
10116	9/32"	.261"	.029"	50	8711	1-1/8"	1.059"	.056"	50
8702	5/16"	.290"	.029"	50	10124	1-3/16"	1.118"	.056"	50
10117	11/32"	.321"	.029"	50	8712	1-1/4"	1.176"	.056"	50
8703	3/8"	.352"	.029"	50	16743	1-5/16"	1.232"	.056"	50
10118	13/32"	.382"	.029"	50	16744	1-3/8"	1.291"	.056"	50
8704	7/16"	.412"	.029"	50	10125	1-1/2"	1.406"	.056"	25
8705	1/2"	.468"	.039"	50	16745	1-5/8"	1.529"	.068"	25
8706	9/16"	.530"	.039"	50	10126	1-3/4"	1.650"	.068"	25
8707	5/8"	.588"	.039"	50	16746	1-7/8"	1.769"	.068"	25
10120	11/16"	.646"	.046"	50	10127	2"	1.886"	.068"	10
8708	3/4"	.704"	.046"	50	16747	2-1/8"	2.003"	.086"	10
10121	13/16"	.762"	.046"	50	10128	2-1/4"	2.120"	.086"	10
8709	7/8"	.821"	.046"	50	16748	2-3/8"	2.239"	.086"	10
10122	15/16"	.882"	.046"	50	10129	2-1/2"	2.360"	.086"	10

For an assortment of Basic Internal and External Retaining Rings see Kit No. 6116 and Large Drawer Assortment No. 6507

BASIC EXTERNAL RETAINING RINGS

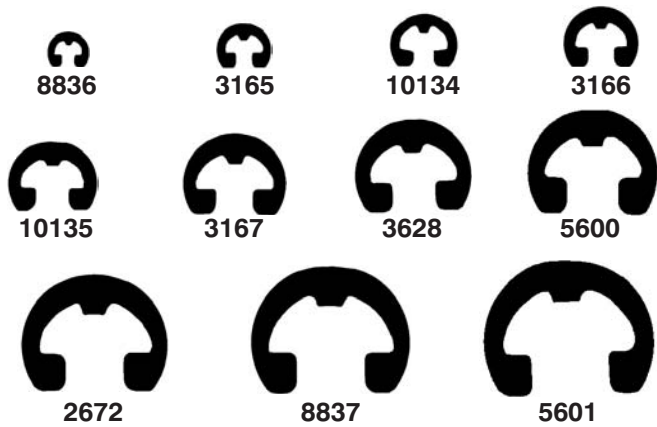
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RETAINING RINGS

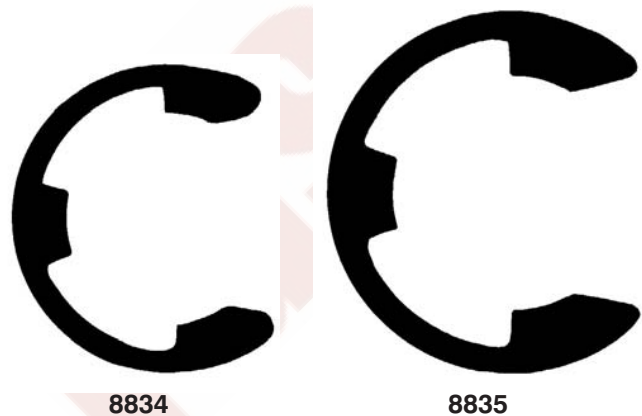
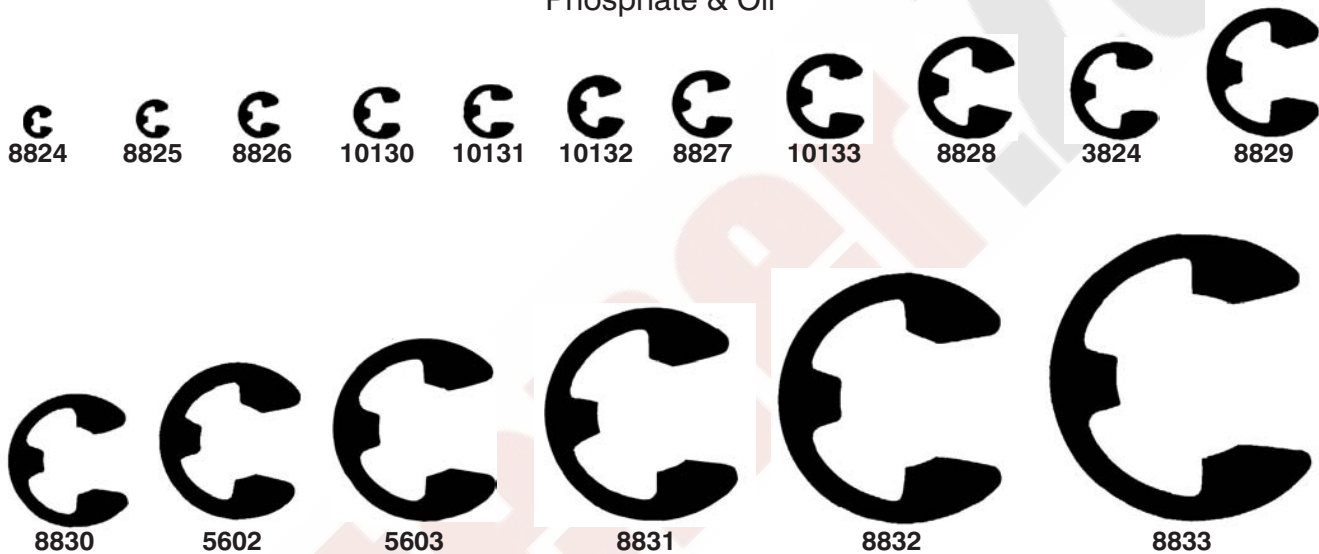
Reinforced E Type Retaining Rings



Auveco Part No.	Shaft Dia.	Groove Dia.	Groove Width	Unit Pkg.
8836	3/32"	.074"	.018"	100
3165	1/8"	.095"	.018"	100
10134	5/32"	.116"	.029"	100
3166	3/16"	.147"	.029"	100
10135	7/32"	.188"	.029"	100
3167	1/4"	.210"	.029"	100
3628	5/16"	.250"	.039"	100
5600	3/8"	.303"	.039"	100
2672	7/16"	.343"	.039"	100
8837	1/2"	.396"	.046"	100
5601	9/16"	.437"	.046"	100

E Type Retaining Rings

Phosphate & Oil



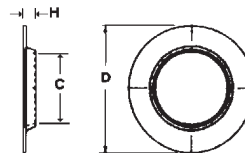
Auveco Part No.	Shaft Dia.	Groove Dia.	Groove Width	Unit Pkg.
8824	1/16"	.052"	.012"	100
8825	3/32"	.074"	.018"	100
8826	1/8"	.095"	.018"	100
10130	9/64"	.105"	.018"	100
10131	5/32"	.116"	.029"	100
10132	11/64"	.127"	.029"	100
8827	3/16"	.147"	.029"	100
10133	7/32"	.188"	.029"	100
8828	1/4"	.210"	.029"	100
3824	5/16"	.250"	.029"	100
8829	3/8"	.303"	.039"	100
8830	7/16"	.343"	.039"	100
5602	1/2"	.396"	.046"	100
5603	5/8"	.485"	.046"	100
8831	3/4"	.580"	.056"	50
8832	7/8"	.675"	.056"	50
8833	1"	.835"	.056"	50
8834	1-3/16"	1.079"	.068"	50
8835	1-3/8"	1.230"	.068"	50

For an assortment of E and Reinforced E Type Retaining Rings see Kit No. 6086, 6123 and Large Drawer 6508

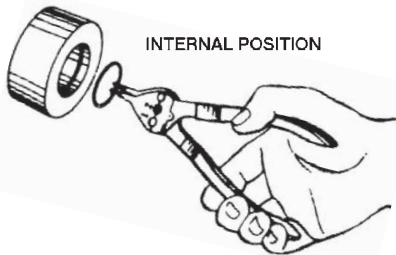
RETAINING RINGS

Grooveless Retainer Ring 300 Series Stainless Steel

These Grooveless Retainer Rings press over studs, shafts or any round shape with a .375" diameter. They become an integral part of the axial application replacing snap or bearing rings and cotter pins. Designed without slots or shears, these rings will not "walk-off" or spring free.



Auveco Part No.	Unit Pkg.	Stud Size	Outside Dia. (C)	Height (D)	Material Thickness (H)
14113	25	.375"	.625"	.030"	.010"

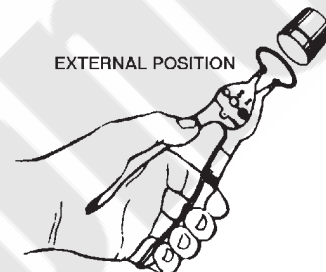


INTERNAL POSITION

Convertible Retaining Ring Pliers

For Internal and External Retaining Rings

Illustrations and photos not actual size



EXTERNAL POSITION



7909

Tip Diameter: .042"
Use with Auveco Retaining Rings:
8677 to 8678 (External)
8688 to 8697 (Internal)
8700 to 8709 (External)
10116 to 10121 (External)

UNIT PACKAGE: 1



7910

Tip Diameter: .070"
Use with Auveco Retaining Rings:
8679 to 8633 (External)
8698 & 8699 (Internal)
8710 to 8712 (External)
10122 to 10129 (External)
16743 to 16748 (External)

UNIT PACKAGE: 1

SPRINGS



Type 1



Type 2 (Double loop on both ends)



Type 3



Type 4



Type 5



Type 6

Extension Springs

Zinc

Photos not actual size

Auveco Part No.	Unit Pkg.	Type	Length Overall	Coil Length	O.D.	Wire Size	Lbs Rate /Inch	Approx. Lbs Load at Reference Ext.
14059	5	2	6.438"	5.575"	.438"	.048"	1.1	4.2 @ 8.437"
14060	5	1	6.500"	5.925"	.328"	.035"	7.5 oz.	2.2 @ 8.500"
14063	5	4	3.250"	2.750"	.375"	.041"	1.9	5.2 @ 5.250"
14064	5	1	4.00"	3.450"	.250"	.028"	13 oz.	1.9 @ 6.00"
14065	5	3	4.500"	3.575"	.484"	.063"	6.2	14 @ 6.500"
14066*	5	1	4.062"	2.750"	.734"	.062"	1.4	4.3 @ 6.062"
14067	5	3	4.00"	2.825"	.719"	.105"	12.5	36.5 @ 5.00"
14068	10	6	5.250"	3.000"	.531"	.062"	5.0	8.5 @ 6.250"
14070	5	5	2.656"	1.500"	.750"	.080"	10.3	12.5 @ 3.656"
14072	10	3	1.438"	.825"	.344"	.048"	15.0	10 @ 1.812"
14074	10	1	1.125"	.700"	.234"	.020"	12.0	9 oz. @ 1.625"

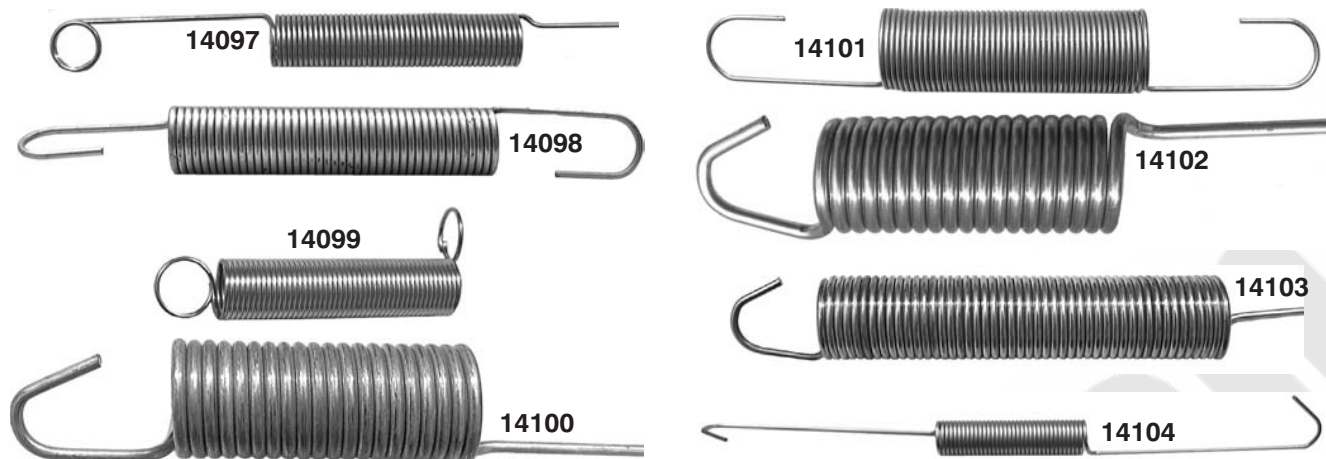
*Not Zinc Plated

Sec. 10

SPRINGS, PINS & CLIPS

Universal Springs

Galvanized • *Photos not actual size*



Auveco Part No.	Unit Pkg.	Length Overall	Coil Length	O.D.	Wire Size
14097	10	11-1/2"	1-7/8"	25/64"	1/32"
14098	10	4-3/8"	2-1/2"	1/2"	1/16"
14099	10	1-13/16"	1-1/2"	3/8"	1/32"
14100	10	8-1/2"	1-7/8"	3/4"	3/32"
14101	10	5-3/4"	2-3/8"	25/32"	3/64"
14102	10	18-1/2"	2"	13/16"	3/32"
14103	10	17-1/2"	3-1/2"	3/4"	1/16"
14104	10	8-1/4"	2"	7/16"	1/16"



Compression Springs

Zinc

Auveco Part No.	Unit Pkg.	Length Overall	O.D.	Wire Size	Approx. Solid Ht.	Lbs. Rate /Inch
14089	20	2.193"	.590"	.040"	.380"	3.1
14094*	20	.781"	.375"	.042"	.378"	7.4
14095	10	2.625"	.438"	.048"	.950"	6.0
14096	10	2.500"	.500"	.063"	1.00"	18.0

*Brass

Throttle Rod Clips

Black Phosphate



Left-hand Type



Right-hand Type

Auveco Part No.	Rod Diameter	Ind. Std.	Unit Pkg.
3609	5/32"	2	Right
3610	5/32"	2	Left
3611	3/16"	4	Right
3612	3/16"	4	Left
3613	1/4"	7	Right
3614	1/4"	7	Left

For an assortment of Throttle Rod Clips see Kit No. 6086.

Retainer Pins

Zinc

Photo not actual size

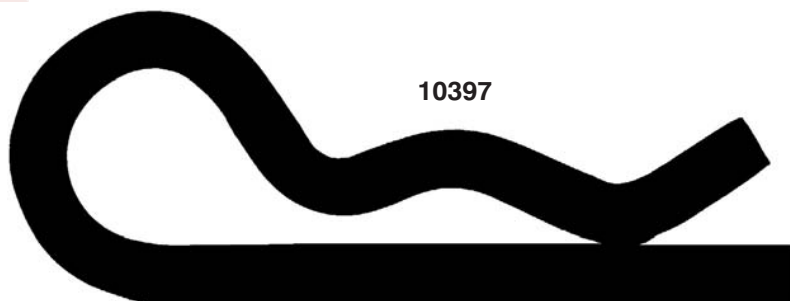
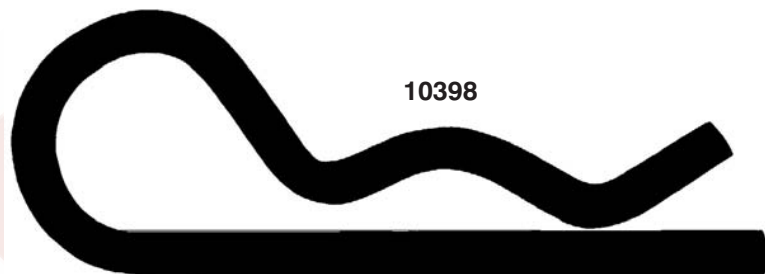
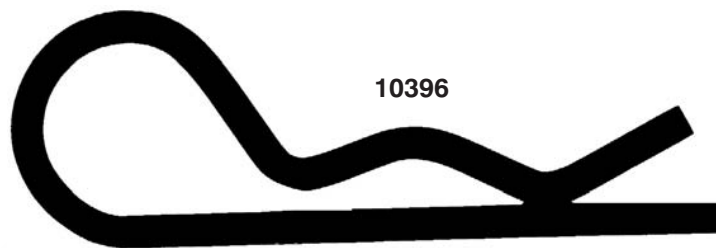
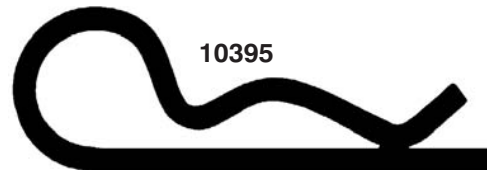
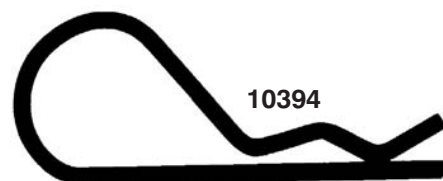
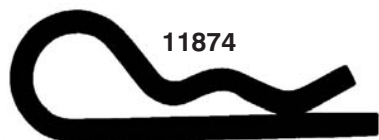


Auveco Part No.	Inside Diameter	Overall Length	Wire Dia.	Unit Pkg.
9114	1/16"	3/8"	.035"	100
9894	1/16"	19/32"	.045"	100
10390	7/64"	3/4"	.050"	100
9112	1/8"	1-1/8"	.070"	100
9110	3/16"	1-3/16"	.070"	100

PINS

Hair Pin Cotter

Zinc



Auveco Part No.	Wire Dia.	Drill Hole Size	Min. Shaft Dia.	Max Shaft Dia.	Overall Length	Inside Dia. of Eye	Unit Pkg.
16934	.042" (3/64")	3/64"	3/16"	1/4"	1"	1/4"	100
16727	.080" (5/64")	3/32"	1/4"	3/8"	1-3/16"	1/4"	100
11872	.080" (5/64")	3/32"	3/8"	1/2"	1-9/16"	5/16"	100
10391	.080" (5/64")	3/32"	3/8"	1/2"	1-9/16"	5/16"	100
11873	.062" (1/16")	5/64"	3/8"	1/2"	1-9/16"	5/16"	100
10392	.062" (1/16")	5/64"	3/8"	1/2"	1-9/16"	5/16"	100
10393	.125" (1/8")	9/64"	1/2"	3/4"	1-15/16"	7/16"	50
11874	.125" (1/8")	9/64"	1/2"	3/4"	1-15/16"	7/16"	50
10394	.093" (3/32")	7/64"	1/4"	5/8"	2-5/16"	5/8"	50
10395	.125" (1/8")	9/64"	5/8"	7/8"	2-1/2"	1/2"	25
10396	.177" (3/16")	3/16"	7/8"	1-1/4"	3-3/4"	7/8"	10
10398	.243" (1/4")	17/64"	3/4"	1"	4"	15/16"	10
10397	.310" (5/16")	21/64"	7/8"	1"	3-15/16"	7/8"	5

Sec. 10

PINS

Hair Pin Cotters



Auveco Part No.	Inside Diameter	Overall Length	Wire Diameter	Unit Pkg.
3168	1/16"	23/64"	.025"	200
9890	3/32"	3/8"	.025"	100
2598	7/32"	3/4"	.060"	100
9892	5/16"	1"	.060"	100



Lynch Pins

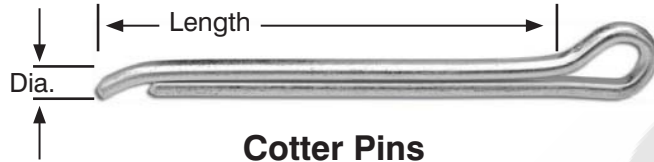
Auveco Part No.	Pin Size	Ring I.D.	Ring O.D.	Unit Pkg.
11733	7/16" O.D. x 2-1/2" Long Black Powder Coated	1-7/8"	2-1/4"	5
11736	1/4" O.D. x 2-1/8" Long Zinc Plated	1-5/8"	1-7/8"	10



**Clevis Pins
Drilled for
Cotter Pins**
Zinc

Auveco Part No.	Dia.	Use Pin Dia.	Length Under Head to Ctr of Hole	Length Under Head to End of Pin
9433	1/4"	1/16"	29/32"	1"
9435	5/16"	3/32"	7/8"	1"
9436	5/16"	3/32"	1"	1-1/8"
9438	5/16"	3/32"	1-1/4"	1-3/8"
9440	3/8"	3/32"	7/8"	1"
9441	3/8"	3/32"	1"	1-1/8"
9443	3/8"	3/32"	1-1/8"	1-1/4"
9444	3/8"	3/32"	1-3/8"	1-1/2"
9446	1/2"	1/8"	1-11/32"	1-1/2"
9447	1/2"	1/8"	1-19/32"	1-3/4"

UNIT PACKAGE: 25



**Cotter Pins
Hammer-Lock Type
C 1008 Steel**

Auveco Part No. Plated	Auveco Part No. Plain	Size	Unit Pkg.
8477	3502	1/16" x 1/2"	200
8478	3503	1/16" x 3/4"	200
8479	3504	1/16" x 1"	200
14901	3505	1/16" x 1-1/4"	200
8480	3506	1/16" x 1-1/2"	200
	3508	1/16" x 2"	200
14903	3509	3/32" x 1/2"	200
8481		3/32" x 3/4"	200
8482	3511	3/32" x 1"	200
8483	3512	3/32" x 1-1/4"	200
8484	3513	3/32" x 1-1/2"	200
8485	3515	3/32" x 2"	200
14904	3519	1/8" x 3/4"	200
8486	3520	1/8" x 1"	200
8487	3521	1/8" x 1-1/4"	200
8488	3522	1/8" x 1-1/2"	200
8489		1/8" x 1-3/4"	200
8490	3524	1/8" x 2"	200
8491	3526	1/8" x 2-1/2"	200
8492		5/32" x 1"	100
14905	8506	5/32" x 1-1/4"	100
8493	8507	5/32" x 1-1/2"	100
14906	8508	5/32" x 1-3/4"	100
8494	8509	5/32" x 2"	100
14907	8511	5/32" x 2-1/2"	100
14908		5/32" x 3"	100
14909		3/16" x 1"	100
14910		3/16" x 1-1/4"	100
8495	8516	3/16" x 1-1/2"	100
8496	8518	3/16" x 2"	100
8497		3/16" x 2-1/2"	100
14911	8521	3/16" x 3"	100
8498		1/4" x 1-1/2"	100
8499		1/4" x 2"	100
8500		1/4" x 2-1/2"	100
8501	8530	1/4" x 3"	100
14912		1/4" x 4"	100
8502		5/16" x 2-1/2"	50
8503		5/16" x 3"	50

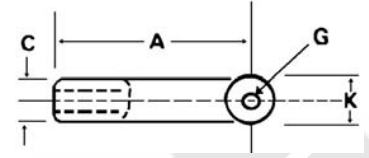
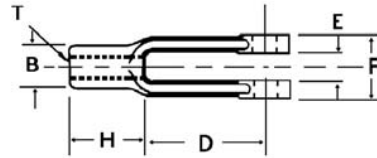
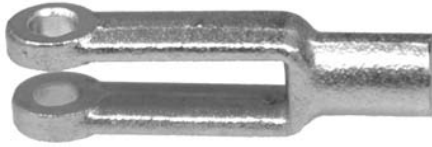
For assortments of Cotter Pins see
Fix-Kit Assortment No. 6051, 6112 and
Large Drawer (6500 Series) No. 6506

YOKE ENDS & SPRING PINS

Sec. 10

Yoke Ends

Drop Forged • Adjustable • Zinc Finish



Auveco Part No.	"T" Tap Size	A	B	C	D	E	F	G	H	K	Unit Pkg.
10737	1/4"-28	2"	7/16"	7/16"	1-1/4"	9/32"	5/8"	1/4"	3/4"	1/2"	10
10788	1/4"-28	2"	7/16"	7/16"	1-1/4"	9/32"	5/8"	1/4"	3/4"	1/2"	2
10738	5/16"-24	2-1/4"	1/2"	1/2"	1-7/16"	11/32"	3/4"	5/16"	13/16"	19/32"	10
10789	5/16"-24	2-1/4"	1/2"	1/2"	1-7/16"	11/32"	3/4"	5/16"	13/16"	19/32"	2
10739	3/8"-24	2-1/2"	5/8"	5/8"	1-5/8"	7/16"	7/8"	3/8"	7/8"	11/16"	10
10790	3/8"-24	2-1/2"	5/8"	5/8"	1-5/8"	7/16"	7/8"	3/8"	7/8"	11/16"	2
10740	7/16"-20	2-7/8"	23/32"	23/32"	1-7/8"	1/2"	1"	7/16"	1"	13/16"	10
10791	7/16"-20	2-7/8"	23/32"	23/32"	1-7/8"	1/2"	1"	7/16"	1"	13/16"	2
10741	1/2"-20	3"	13/16"	13/16"	1-7/8"	9/16"	1-1/8"	1/2"	1-1/8"	15/16"	10
10792	1/2"-20	3"	13/16"	13/16"	1-7/8"	9/16"	1-1/8"	1/2"	1-1/8"	15/16"	2
10742	5/8"-18	4-15/16"	1-1/16"	1-1/16"	3-11/16"	11/16"	1-3/8"	5/8"	1-1/4"	1-3/16"	10
10793	5/8"-18	4-15/16"	1-1/16"	1-1/16"	3-11/16"	11/16"	1-3/8"	5/8"	1-1/4"	1-3/16"	2



Spring Pins

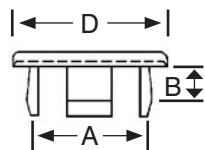
Zinc

Auveco Part No.	Dia.	Length	Wall Thick.	Unit Pkg.	Auveco Part No.	Dia.	Length	Wall Thick.	Unit Pkg.
8981	1/16"	3/16"	.012"	50	9019	3/16"	1/2"	.040"	50
8983	1/16"	1/2"	.012"	50	9021	3/16"	3/4"	.040"	50
8985	1/16"	3/4"	.012"	50	9022	3/16"	1"	.040"	50
8987	1/16"	1"	.012"	50	9023	3/16"	1-1/4"	.040"	50
8988	5/64"	1/4"	.018"	50	9024	3/16"	1-1/2"	.040"	50
8989	5/64"	1/2"	.018"	50	9025	3/16"	1-3/4"	.040"	50
8991	5/64"	3/4"	.018"	50	9026	3/16"	2"	.040"	50
8992	5/64"	1"	.018"	50	9027	7/32"	5/8"	.048"	50
8993	5/64"	1-1/4"	.018"	50	9028	7/32"	1-3/8"	.048"	50
8994	5/64"	1-1/2"	.018"	50	9029	7/32"	1-3/4"	.048"	50
8995	3/32"	5/16"	.022"	50	9030	1/4"	5/8"	.050"	50
8996	3/32"	1/2"	.022"	50	9031	1/4"	3/4"	.050"	50
8997	3/32"	5/8"	.022"	50	9033	1/4"	1"	.050"	50
8998	3/32"	3/4"	.022"	50	9034	1/4"	1-1/4"	.050"	50
8999	3/32"	7/8"	.022"	50	9035	1/4"	1-1/2"	.050"	50
9000	3/32"	1"	.022"	50	9036	1/4"	1-3/4"	.050"	50
9001	3/32"	1-1/4"	.022"	50	9037	1/4"	2"	.050"	50
9002	3/32"	1-1/2"	.022"	50	9038	1/4"	2-1/4"	.050"	50
9003	1/8"	3/8"	.028"	50	9039	1/4"	2-1/2"	.050"	50
9004	1/8"	1/2"	.028"	50	9040	5/16"	3/4"	.062"	50
9005	1/8"	5/8"	.028"	50	9042	5/16"	1"	.062"	50
9006	1/8"	3/4"	.028"	50	9043	5/16"	1-1/2"	.062"	50
9007	1/8"	7/8"	.028"	50	9044	5/16"	1-3/4"	.062"	25
9008	1/8"	1"	.028"	50	9045	5/16"	2"	.062"	25
9009	1/8"	1-1/4"	.028"	50	9046	5/16"	2-1/2"	.062"	25
9010	1/8"	1-1/2"	.028"	50	9048	3/8"	1"	.077"	25
9011	1/8"	1-3/4"	.028"	50	9049	3/8"	1-1/2"	.077"	25
9012	1/8"	2"	.028"	50	9050	3/8"	2"	.077"	25
9013	5/32"	1/2"	.032"	50	9051	3/8"	2-1/2"	.077"	25
9015	5/32"	3/4"	.032"	50					
9016	5/32"	1"	.032"	50					
9017	5/32"	1-1/4"	.032"	50					
9018	5/32"	1-1/2"	.032"	50					

For Spring Pin Assortments see Kits 6124, 6125 and Large Drawer (6500 Series) Assortment No. 6509 and 6510.

Sec. 10

PLUG BUTTONS



Nylon Hole Plug
Nylon 6/6 • Matte Finish



Auveco Part No.	Hole Size (A)	Panel Thickness (B)	Head Size (D)	Head Height	Color	Unit Pkg.
13863	3/16"	1/32"-9/64"	11/32"	.040"	Black	100
13864	1/4"	1/32"-1/16"	27/64"	.040"	Natural	100
13865	1/4"	1/32"-1/16"	27/64"	.040"	Black	100
13866	5/16"	1/32"-9/64"	29/64"	.050"	Natural	100
13867	5/16"	1/32"-9/64"	29/64"	.050"	Black	100
13869	3/8"	1/32"-9/64"	37/64"	.050"	Black	100
13871	7/16"	1/32"-11/64"	39/64"	.050"	Black	50
13872	1/2"	1/32"-9/64"	43/64"	.062"	Natural	50
13873	1/2"	1/32"-9/64"	43/64"	.062"	Black	50
13875	9/16"	1/32"-9/64"	47/64"	.062"	Black	50
13876	5/8"	1/32"-5/64"	51/64"	.062"	Natural	50
13877	5/8"	1/32"-5/64"	51/64"	.062"	Black	50
13879	11/16"	1/32"-7/64"	57/64"	.062"	Black	50
13880	3/4"	1/32"-7/64"	63/64"	.062"	Natural	50
13881	3/4"	1/32"-7/64"	63/64"	.062"	Black	50
13883	13/16"	1/32"-7/64"	1-1/32"	.062"	Black	50
13885	7/8"	1/32"-7/64"	1-5/64"	.062"	Black	50
13887	1"	1/32"-7/64"	1-7/32"	.062"	Black	50



Plastic Plug Buttons
Depressed Center
Black Polyethylene

Auveco Part No.	Hole Size	Head Dia.	Working Thickness	Unit Pkg.
9288	1/2"	7/8"	.02 -.07"	100
9289	3/4"	1-5/32"	.02 -.14"	100
9290	7/8"	1-1/4"	.02 -.10"	100
9291	1"	1-3/8"	.04 -.10"	100
9292	1-1/4"	1-5/8"	.04 -.10"	100
9293	1-1/2"	1-7/8"	.04 -.10"	100
17207	1-3/4"	2-1/8"	.15 -.17"	50
17208	2"	2-3/8"	.17 -.19"	50
18798	2-1/2"	3"	.15 -.17"	25
18799	3"	3-1/2"	.18 -.20"	10



Flush Sheet Metal Plugs
Fits 14 to 26 Gauge Material
Black Polyethylene

Auveco Part No.	Hole Size	Head Dia.	Unit Pkg.
14923	3/8"	3/4"	100
11746	1/2"	7/8"	100
18750	5/8"	1-3/64"	100
11747	3/4"	1"	100
11748	7/8"	1-5/32"	100
11749	1"	1-7/16"	100
18800	1-1/4"	1-5/8"	50
18801	1-1/2"	1-7/8"	25
18802	1-3/4"	2-1/8"	25
18803	2"	2-7/16"	10
18804	2-1/2"	3"	10
18806	3"	3-3/8"	5



Plug Buttons
Nickel Plated

Auveco Part No.	Hole Size	Head Dia.	Working Thickness	Unit Pkg.
3750	1/4"	13/32"	.035" -.062"	50
3751	3/8"	1/2"	.037" -.078"	50
3752	1/2"	21/32"	.037" -.062"	50
3753	5/8"	13/16"	.062" -.078"	50
3754	3/4"	15/16"	.037" -.093"	50
3755	7/8"	1-1/16"	.031" -.093"	50
3756	1"	1-1/8"	.062" -.093"	50
10231	1-1/4"	1-7/16"	.062" -.093"	10
10232	1-1/2"	1-21/32"	.038" -.141"	10

**FasTrack Web is your next step to savings.
Recover money spent on repair fasteners
during collision repair jobs.**

**Go to www.auveco.com to learn more about
Auveco's FasTrack Web
"Your body shop cost recovery system."**

BLACK NYLON LOCKING HOLE PLUGS

Sec. 10



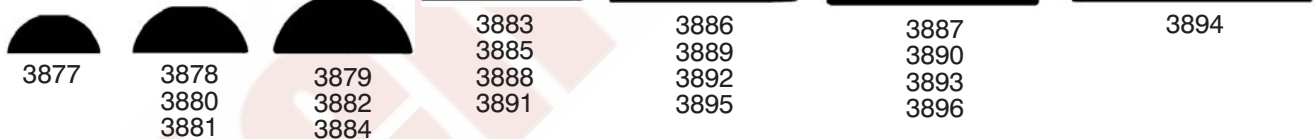
These hole plugs are designed with multiple locks to positively snap into panel thicknesses ranging from 1/64" to 1/8". Excellent for paintless dent repair. Made of heat stabilized nylon and suitable for elevated temperatures.

Auveco Part No.	Panel Hole Diameter	Maximum Panel Thickness	Plug Dimensions		Unit Pkg.
			Head Diameter	Thickness	
19764	3/16"	1/16"	1/4"	15/64"	100
18900	1/4"	1/16"	5/16"	5/16"	50
19765	5/16"	1/16"	3/8"	5/16"	50
18901	3/8"	1/8"	15/32"	13/32"	50
19766	7/16"	1/8"	17/32"	13/32"	50
18902	1/2"	1/8"	37/64"	13/32"	50
19767	9/16"	1/8"	21/32"	13/32"	50
18903	5/8"	1/8"	23/32"	13/32"	50
18904	3/4"	1/8"	59/64"	13/32"	50
19769	13/16"	1/8"	57/64"	13/32"	50
18905	7/8"	1/8"	1-1/64"	29/64"	50
18906	1"	1/8"	1-13/64"	29/64"	50
19770	1-3/32"	1/8"	1-7/32"	29/64"	50
19771	1-3/16"	1/8"	1-5/16"	29/64"	50
18907	1-1/4"	1/8"	1-3/8"	29/64"	50
19772	1-3/8"	1/8"	1-1/2"	29/64"	25
18908	1-1/2"	1/8"	1-43/64"	29/64"	25
18909	1-3/4"	1/8"	1-29/32"	29/64"	25
18910	2"	1/8"	2-9/64"	29/64"	25

KEYS

Woodruff Keys

1035 Carbon Steel • Plain



Auveco Part No.	Size	Unit Pkg.	Auveco Part No.	Size	Unit Pkg.
3877	(No. 3) 1/8" x 1/2"	100	3887	(No. 16) 3/16" x 1-1/8"	50
3878	(No. 5) 1/8" x 5/8"	100	3888	(No. 12) 7/32" x 7/8"	50
3879	(No. 7) 1/8" x 3/4"	100	3889	(No. 14) 7/32" x 1"	50
3880	(No. 4) 3/32" x 5/8"	100	3890	(No. 17) 7/32" x 1-1/8"	50
3881	(No. 6) 5/32" x 5/8"	100	3891	(No. A) 1/4" x 7/8"	50
3882	(No. 8) 5/32" x 3/4"	100	3892	(No. 15) 1/4" x 1"	50
3883	(No. 10) 5/32" x 7/8"	100	3893	(No. 18) 1/4" x 1-1/8"	50
3884	(No. 9) 3/16" x 3/4"	100	3894	(No. 21) 1/4" x 1-1/4"	50
3885	(No. 11) 3/16" x 7/8"	100	3895	(No. B) 5/16" x 1"	50
3886	(No. 13) 3/16" x 1"	50	3896	(No. C) 5/16" x 1-1/8"	50

Straight Keys

Plain



Auveco Part No.	Size	Unit Pkg.
Short Lengths		
9759	1/4" x 1/4" x 2-1/2"	10
Long Lengths		
9794	3/16" x 3/16" x 12"	5
9795	1/4" x 1/4" x 12"	5
9796	5/16" x 5/16" x 12"	5
9800	3/8" x 3/8" x 12"	5
9801	7/16" x 7/16" x 12"	5
9802	1/2" x 1/2" x 12"	5

Sec. 11

CAPS AND NYLON CONNECTORS

Vinyl Vacuum Caps

Can be used for capping lines and hoses while testing carburetors, emission control systems, vacuum lines, etc.
Color coded for size identification.



Auveco Part No.	I.D.	Fits Tube O.D.	Color	Length	Unit Pkg.
18202	1/8"	3/16"	Blue	5/8"	50
18203	3/16"	1/4"	Red	5/8"	50
18204	1/4"	5/16"	White	5/8"	50
18205	5/16"	3/8"	Black	5/8"	50

Rubber Caps

Special Heat Resistant EPDM Rubber
Ford - GM - Chrysler



Can be used for capping lines and hoses while testing carburetors, emission control systems, vacuum lines, etc

Auveco Part No.	Fits Tube O.D.	Inside Length	Unit Pkg.
12209	1/8"	9/16"	25
4440	3/16"	9/16"	25
16264	3/16"	9/16"	100
19000	3/16"	1-1/4"	25
4439	1/4"	9/16"	25
19001	1/4"	1-1/4"	25
19002	5/16"	9/16"	25
12907	5/16"	1-1/4"	25
12210	3/8"	31/32"	25
19003	3/8"	1-1/2"	25
12908	1/2"	11/16"	10

NYLON CONNECTORS



12929

1/8" x 1/8"
Connector

UNIT PACKAGE: 10



12931

1/4" x 1/4"
Connector

UNIT PACKAGE: 10



12930

1/8" x 3/16"
Connector

UNIT PACKAGE: 10



12946

5/16" x 5/16"
Connector

UNIT PACKAGE: 10



12936

1/8" x 1/4"
Connector

UNIT PACKAGE: 10



12938

3/8" x 1/4"
Connector

UNIT PACKAGE: 10



12937

3/16" x 3/16"
Connector

UNIT PACKAGE: 10



12934

3/8" x 3/8"
Connector

UNIT PACKAGE: 10



12935

3/16" x 1/4"
Connector

UNIT PACKAGE: 10



18835

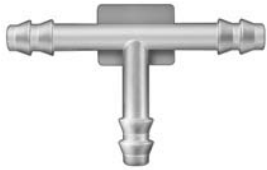
(E1ZE-9E499-EA)

3/16" All Ends
Emission Harness Connector
Ford

UNIT PACKAGE: 25

NYLON CONNECTORS

Sec. 11



12923
1/8" All Ends Tee
UNIT PACKAGE: 10



10697
1/8" All Ends Tee
UNIT PACKAGE: 10



12916
1/8" x 3/16" x 1/8" Tee
UNIT PACKAGE: 10



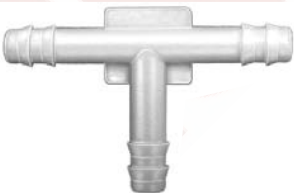
12924
1/8" x 3/16" x 3/16" Tee
UNIT PACKAGE: 10



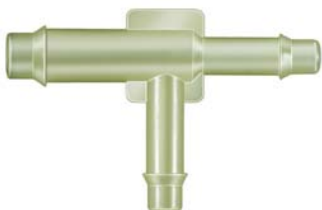
12926
3/16" x 3/16" x 1/8" Tee
UNIT PACKAGE: 10



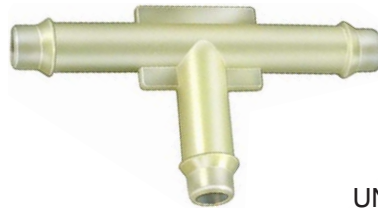
12917
1/8" x 1/8" x 1/4" Tee
UNIT PACKAGE: 10



12918
3/16" All Ends Tee
UNIT PACKAGE: 10



12919
1/4" x 3/16" x 3/16" Tee
UNIT PACKAGE: 10



17629
1/4" All Ends Tee
UNIT PACKAGE: 10



11738
1/4" x 1/4" x 3/16" Tee
UNIT PACKAGE: 10



12921
3/8" x 3/8" x 1/4" Tee
UNIT PACKAGE: 10



12922
1/4" x 3/8" x 3/8" Tee
UNIT PACKAGE: 10



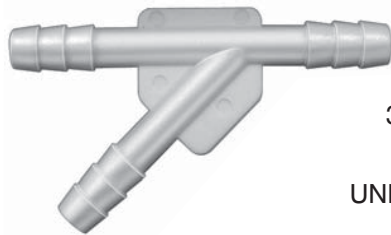
12920
5/16" All Ends Tee
UNIT PACKAGE: 10



12925
3/8" All Ends Tee
UNIT PACKAGE: 10

Sec. 11

NYLON CONNECTORS



12927

3/16" All Ends
Y Connector

UNIT PACKAGE: 10



12933

1/4" x 1/4"
Elbow

UNIT PACKAGE: 10



12943

1/4" All Ends
Y Connector

UNIT PACKAGE: 10



12940

3/16" All Ends
F Connector

UNIT PACKAGE: 10



12944

5/16" All Ends
Y Connector

UNIT PACKAGE: 10



12939

3/16" All Ends
Cross Connector

UNIT PACKAGE: 5



12947

1/8" x 3/16"
Elbow

UNIT PACKAGE: 10



11419

3/16" All Ends
4 Way Connector

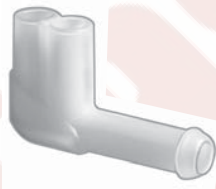
UNIT PACKAGE: 25



12932

3/16" x 3/16"
Elbow

UNIT PACKAGE: 10



18836

(E1ZE-9E499CA)

5/32" x 5/32" x 8/16"
Emission Harness
Elbow Connector
Ford

UNIT PACKAGE: 25



12949

3/16" All Ends
5 Way Tee

UNIT PACKAGE: 5



12948

3/16" x 1/4"
Elbow

UNIT PACKAGE: 10

CONNECTORS

Nylon Connectors Cross Reference

O.E.M. Number Chart

Auveco Part No.	OEM No.	Auveco Part No.	OEM No.	Auveco Part No.	OEM No.
11419	GM: 560692, 22508803	12924	GM: 14017780	12935	GM: 1621253, 472812
	Ford: 383847-S	12925	GM: 14023108		Ford: 800843
11738	GM: 3963228		Ford: 388131-S		AMC: 3239826
12916	GM: 14025274, 14031144	12926	GM: 14031114	12936	GM: 14017702
	Ford: 383016	12927	GM: 10003617, 22508052	12937	GM: 560625, 22508051
	Chry: 4241362		Ford: 383031		Ford: 383003, 389138
12917	GM: 1610403	12928	GM: 14046514		Chry: 4104998
12918	GM: 357020, 272766, 22508050	12929	GM: 14047034	12938	Ford: E0VE-9K319AB
	Ford: 373846-S		Ford: 383000	12939	GM: 354400
	Chry: 3671410		Chry: 4095145		Ford: 387042
	AMC: 3673945	12930	GM: 14017701		Chry: 4241054
12919	GM: 1617333, 10003294		Ford: 383001	12940	GM: 14029095
	Ford: 388034		Chry: 3441743, 4241296	12941	GM: 14031149
	GM: 6466355	12931	GM: 1614858, 14004876, 10017487	12943	GM: 10004121
	Chry: 4167810		Ford: 383005		Chry: 4019472
12921	GM: 472814	12932	GM: 556992, 14031145, 22508049	12944	Chry: 4179982
	Ford: D9AE-9E645AA		Ford: 387065	12946	Chry: 4179981
12922	GM: 472815		Chry: 4100727	12947	GM: 14017779
	Ford: 801471	12933	Ford: 387074	12948	Ford: 387980
12923	GM: 14017705	12934	GM: 22505958	12949	Ford: 384111
	Ford: 3895904		Chry: 4201198		AMC: 3237451
	Chry: 3751212				



Nylon Hose Connectors

Barbed on Both Ends

Auveco Part No.	Hose Size	Unit Pkg.
10101*	1/8" x 1/8"	10
10102	3/16" x 3/16"	10
10103	1/4" x 1/4"	10
10104	5/16" x 5/16"	10
10105	3/8" x 3/8"	10
16961	1/2" x 1/2"	10

*Single barb on each end



Nylon Reducer Connectors

Barbed on Both Ends

Auveco Part No.	Hose Size	Unit Pkg.
10106	1/4" x 3/16"	10
10107	3/8" x 1/4"	10



Nylon Tubing & Hose Tee Connectors

Barbed on All Ends

Auveco Part No.	Hose Size I.D.	Unit Pkg.
10108	5/32" x 5/32" x 5/32"	10
10109	3/16" x 3/16" x 3/16"	10
10110	1/4" x 1/4" x 1/4"	10
14813	5/16" x 5/16" x 5/16"	10
11228	3/8" x 3/8" x 3/8"	10
11229	1/2" x 1/2" x 1/2"	10



11321

Butyrate

Universal Tubing Connector

For 1/8", 1/4" or 3/8"

For use with Vacuum and Windshield Washer Tubing

Not for use in Fuel Line

UNIT PACKAGE: 10

Sec. 11

CONNECTORS AND AIRLINE COUPLINGS

Photos are not actual size



10368

Butyrate

3-Way Universal
For 1/8" 1/4" and 3/8"
Tubing
Break-Off Tee

**Not for use in Fuel
Line**

UNIT PACKAGE: 5



11224

Non-Corrosive
Black Polyethylene

High-Density Tubing and Hose Elbows
Barbed on Both Sides
Hose Size: 3/8" x 3/8" I.D.

UNIT PACKAGE: 10



16654

Santoprene Rubber

4mm All Ends

UNIT PACKAGE: 25



11220

Non-Corrosive
Black Polyethylene

High-Density Tubing and Hose Elbows
Pipe Thread: 1/4"
Hose Size: 3/8" I.D.

UNIT PACKAGE: 10



11226

Non-Corrosive
Black Polyethylene

High-Density Tubing and
Hose Tee Connectors
Pipe Thread: 1/4"
Hose Size: 1/4" x 1/4" I.D.

UNIT PACKAGE: 10

AIRLINE COUPLINGS

210 Series:

Push-to-connect, pin-type hose couplings designed for one-way shutoff in 1/4" capacity.

Average flow: 18 cfm at 90 PSIG (6.2 bar) inlet and 10 PSIG (0.69 bar) pressure drop.

Maximum inlet pressure: 250 PSIG (17 bar). Zinc chromate finish.



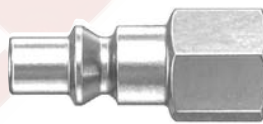
16045

1/4" Female NPT
UNIT PKG: 5



16046

1/4" Male NPT
UNIT PKG: 5



16049

1/4" Female NPT
UNIT PKG: 5



16051

1/4" Male NPT
UNIT PKG: 5

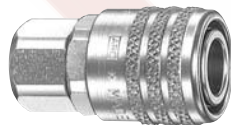


16052

1/4" Hose Stem I.D.
UNIT PKG: 5

MS Series:

For use with industrial interchange style connectors. Push-to-connect type designed for one-way shutoff in 1/4" capacity. **Average flow:** 36 cfm at 90 PSIG (6.2 bar) inlet and 10 PSIG (0.69 bar) pressure drop. Maximum inlet pressure: 250 PSIG(17 bar). Zinc Chromate finish.



16066

1/4" Female NPT
UNIT PKG: 5



16067

1/4" Male NPT
UNIT PKG: 5



16070

1/4" Female NPT
UNIT PKG: 5



16071

1/8" Male NPT
UNIT PKG: 5



16072

1/4" Male NPT
UNIT PKG: 5

AIRLINE COUPLING ACCESSORIES AND TUBING **Sec. 11**

Photos are not actual size



19576

Safety lever blow gun easily controls air flow. Ideal for hundreds of automotive and industrial uses in small or large industrial plants, service stations, garages, etc. Zinc alloy and brass construction. Meets OSHA 150 PSI Inlet, Max. Nozzle 30 PSI SCFM 10.0 @ 100 PSI. 1/4" NPT air inlet.

UNIT PACKAGE: 1



19578

Siphon Spray Nozzle. Accessory for 19577 Blow Gun. For adding moisture or solvent to the air stream. Unique dual thread design permits use on all blow guns with 7/16"-27 and 1/8" NPS threads. O-ring seal creates an air-tight assembly. Aluminum body construction.

UNIT PACKAGE: 1



19577

Compact safety lever blow gun. Includes a safety nozzle and a non-safety rubber tip nozzle. Features an easy to use hang-up hook. Chrome plated zinc alloy construction. Meets OSHA 150 PSI Inlet, Max. Nozzle 30 PSI. Safety tip SCFM 11.7 @ 100 PSI. Non-safety tip 12.9 @ 100 PSI. 1/4" NPT air inlet

UNIT PACKAGE: 1



19579

Rubber Blow Gun Tip. Accessory for 19577 Blow Gun. For positive leak-proof connection when blowing out any fluids where a metal tip could mar the finish. Unique dual thread design permits use on all blow guns with 7/16"-27 and 1/8" NPS threads. O-ring seal creates an air-tight assembly. Brass body construction.

UNIT PACKAGE: 2

Clear Flexible Vinyl (PVC)

Our tubing has a broad range of chemical resistance to acids, alkalis and solvents. It's ideal for use in industrial air pressure line applications, in the food industry (FDA approved), for potable water, and for various gases and chemicals. Not for use with gasoline.



The Clear Flexible Tubing can be used with our connectors which are cataloged on page 200. The tubing can also be installed with our Hose Clamps (refer to the alphabetical index).

Auveco Part No.	I.D.	O.D.	Wall Thickness	*Maximum Suggested Working Pressure (PSI @ 70 F)	Unit Pkg.
14801	1/8"	1/4"	1/16"	59	100 Ft.
14802	3/16"	5/16"	1/16"	51	100 Ft.
14803	1/4"	3/8"	1/16"	51	100 Ft.
14804	5/16"	7/16"	1/16"	48	100 Ft.
14805	3/8"	1/2"	1/16"	41	100 Ft.
14807	1/2"	5/8"	1/16"	28	100 Ft.
14808	1/2"	3/4"	1/8"	41	100 Ft.

*We recommend verification by testing of the size and material to be used.

Sec. 11

TUBING

Red Air Hose

Photo not actual size



Male Brass Fitting

Four spiral reinforced EPDM rubber construction offers superior durability and excellent flexibility. Limited oil resistance. Coupled with brass fittings. Maximum working pressure is 300 P.S.I.

Auveco Part No.	I.D.	Description	Unit Pkg.
		Impact Tool Air Hose	
15538	3/8"	1/4" Male Pipe Thread Fittings	25' Roll
15539	3/8"	1/4" Male Pipe Thread Fittings	50' Roll

Black O.E.M. Heater Hose



Meets or exceeds SAE20R3 specifications. O.E.M. grade EPDM hose that withstands the abuse of corrosive additives, heat, cold, ozone, weather and abrasion

Auveco Part No.	I.D.	Unit Pkg.
15540	1/2"	50' Roll
15541	5/8"	50' Roll
15542	3/4"	50' Roll

Vacuum and Windshield Washer Tubing



Meets SAE J1037 Type 2 Specifications EPDM Rubber

Auveco Part No.	I.D.	O.D.	Description	Unit Pkg.
4453	7/64"	9/32"	Fits 1/8" Nipple	25'
4454	7/64"	9/32"	Fits 1/8" Nipple	50'
4456	5/32"	5/16"	Fits 3/16" Nipple	25'
4457	5/32"	5/16"	Fits 3/16" Nipple	50'
4459	7/32"	13/32"	Fits 1/4" Nipple	25'
4460	7/32"	13/32"	Fits 1/4" Nipple	50'
4462	9/32"	15/32"	Fits 5/16" Nipple	25'
4463	9/32"	15/32"	Fits 5/16" Nipple	50'

For a complete listing of Barbed Brass Fittings see page 238.

Electronic Fuel Injection Hose



Meets or exceeds SAE 30R9 specifications. Quality fluoroelastomer tube and CM cover handles virtually every fuel on the market. Burst strength exceeds 900 PSI. 180 PSI working pressure

Auveco Part No.	Size	Use with Auveco Clamp No.	Unit Pkg.
19271	1/4" I.D. x 1/2" O.D.	15860	10 ft.
19272	5/16 I.D. x 9/16" O.D.	15861	10 ft.
19273	3/8" I.D. x 5/8" O.D.	15862	10 ft.

Fuel Line Hose

Not for Electronic Fuel Injection



Meets the following O.E.M. Specifications: GM: 6165-M • SAE J30R7 • Chrysler MSEA219

Auveco Fuel Line Hose is of the highest quality and meets all O.E.M. specifications. It has a special chemical resistant interior, a single braid, and a neoprene exterior for maximum life and durability. For temperature range from -29°F to 257°F.

Auveco Hose is designed for gas and diesel fuel lines (except Electronic Fuel Injection), emission control devices, and crankcase ventilation. In addition to the automotive applications, this hose is widely used on lawn mowers, marine motors, tractors and construction equipment to mention only a very few.

Auveco Part No.	Size	Working Pressure	Unit Pkg.
17085	3/16" I.D. x 13/32" O.D.	50 PSI	25'
4464	1/4" I.D. x 1/2" O.D.	50 PSI	25'
4465	1/4" I.D. x 1/2" O.D.	50 PSI	50'
4466	5/16" I.D. x 9/16" O.D.	50 PSI	25'
4467	5/16" I.D. x 9/16" O.D.	50 PSI	50'
4468	3/8" I.D. x 5/8" O.D.	35 PSI	25'

For a complete listing of Barbed Brass Fittings see page 292.

20900

Hose Cutter



Razor sharp blade cleanly cuts heater hoses, fuel line hoses and any other type of flexible hose up to 1-1/4" diameter.

The stainless steel blade is reversible for double the life.

The pliers are made of glass-filled gray nylon for strength. Includes a locking hoop for safe storage. Overall length: 9-1/2"

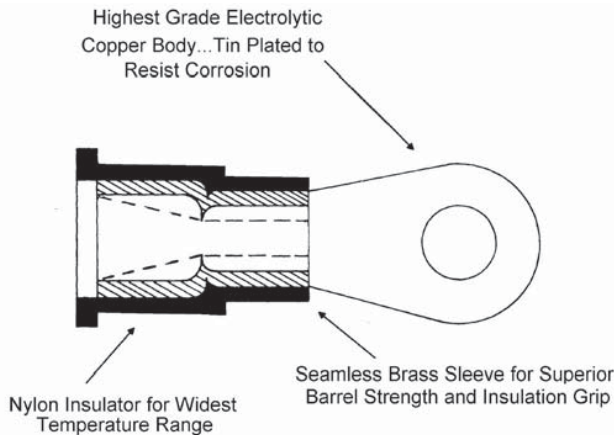
UNIT PACKAGE: 1

SOLDERLESS TERMINALS

Nylon Insulated • Our Finest

Sec. 12

Nylon Insulated with Insulation Grip



- Superior vibration resistance with insulated grip
- Superior barrel strength
- Constructed to meet the highest military and industrial standards

22-18 Gauge Wire Range (Red)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#4 - #6	12149	25
	#8 - #10	12150	25
	#12 - 1/4"	17041	50
	#8 - #10	12163	25
	#4 - #6	12164	25
	Butt Connector	5791 16487	50 1000

16-14 Gauge Wire Range (Blue)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#4 - #6	9052	25
	#8 - #10	9055	25
	#12 - 1/4"	9056	25

16-14 Gauge Wire Range (Blue)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	1/4" - 5/16"	9057	25
	5/16" - 3/8"	9058	25
	#4 - #6	9059	25
	#8 - #10	9060	25
	#8 - #10	9064	25
	Butt Connector	5792 16488	50 1000
	1/4" Female Quick Connect	12148	25
	1/4" Male Quick Connect	12147	25

12-10 Gauge Wire Range (Yellow)

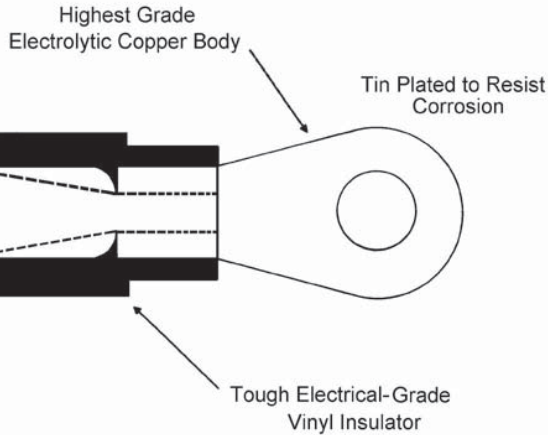
Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#8 - #10	12151	25
	#12 - 1/4"	12152	25
	5/16" - 3/8"	12153	25
	#8 - #10	12162	25
	Butt Connector	5793 16489	50 500

Sec. 12

SOLDERLESS TERMINALS

Vinyl Insulated • Copper • Electro Tin Plated

For an assortment of Solderless Terminals see the Fix-Kits in the green pages



- Funnel barrel for easy wire insertion
- Friction groove in barrel resists wire pullout
- Heat treated for maximum strength

22-18 Gauge Wire Range (Red)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#4 - #6	5021	100
	#8 - #10	5023	100
	#12 - 1/4"	17040	50
	#4 - #6	5033	100
	#8 - #10	5034	100
	#4 - #6	5038	100
	Butt Connector	5047 16484	100 1000
	Closed End Butt Connector 22-14 Ga.	9065	100

16-14 Gauge Wire Range (Blue)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#4 - #6	5024	100
	#8 - #10	5026	100

16-14 Gauge Wire Range (Blue)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#12 - 1/4"	5027	100
	5/16" - 3/8"	12144	25
	#4 - #6	5035	100
	#8 - #10	5036	100
	#8 - #10	5040	100
	Butt Connector	5048 16485	100 1000
	Closed End Butt Connector 16-10 Ga.	5072	100

12-10 Gauge Wire Range (Yellow)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#8 - #10	5028	100
	#12 - 1/4"	5029	100
	1/4" - 5/16"	5030	100
	5/16" - 3/8"	5031	100
	7/16" - 1/2"	5032	100

SOLDERLESS TERMINALS

Vinyl Insulated • Copper - Electro Tin Plated

For an assortment of Solderless Terminals see the Fix-Kits in the green pages

12-10 Gauge Wire Range (Yellow)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#8 - #10	5037	100
	#8 - #10	5041	100
	Butt Connector	5049 16486	100 500
	3-Way Connector	5056	25



8 Gauge Wire Range (Red)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#12 - 1/4"	17042	25
	1/4" - 5/16"	17043	25
	5/16"-3/8"	17044	25
	7/16" - 1/2"	17045	15
	Butt Connector	17037	10

6 Gauge Wire Range (Blue)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	#12 - 1/4"	17046	15
	1/4" - 5/16"	17047	15
	5/16" - 3/8"	17048	15
	7/16" - 1/2"	17049	10
	Butt Connector	17038	10

4 Gauge Wire Range (Yellow)

Actual Size	Stud Size	Auveco Part No.	Unit Pkg.
	5/16"-3/8"	17052	10
	Butt Connector	17039	10

Sec. 12

SOLDERLESS TERMINALS







Quick-Connect Terminals

1/4" Female Terminals Vinyl Insulated

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
 Red	22-18 Ga.	12155	25
 Blue	16-14 Ga.	5068	100
 Yellow	12-10 Ga.	12157	25

Quick-Connect Terminals

Fully Insulated Nylon Mating 1/4" Quick-Connects

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	22-18 Ga. Female Red	11827	50
	22-18 Ga. Male Red	11828	50
	16-14 Ga. Female Blue	11606	50
	16-14 Ga. Male Blue	11605	50
	12-10 Ga. Female Yellow	11829	25
	12-10 Ga. Male Yellow	11830	25





Quick-Connect Terminals

1/4" Male Tabs • Vinyl Insulated

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
 Red	22-18 Ga.	12154	25
 Blue	16-14 Ga.	5067	100
 Yellow	12-10 Ga.	12156	25



Quick-Connect Terminals

.187 (3/16") Sizes • Vinyl Insulated

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	22-18 Ga. Male	17462	25
	22-18 Ga. Female	12159	25
	16-14 Ga. Male, Blue	12165	25
	16-14 Ga. Female, Blue	8781	50

Piggyback Terminals

1/4" Female • Fully Insulated Nylon

Actual Size	Wire Range	Auveco Part No.	Unit Pkg.
	22-18 Ga. 1/4" Tab Std. Barrel Red	19298	15
	16-14 Ga. 1/4" Tab Std. Barrel Blue	19299	15

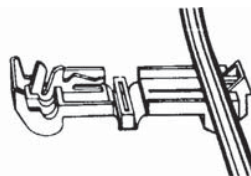


Fully Insulated Tap Disconnect

Mates with 11828, 11605 & 11830

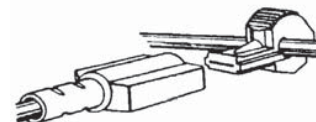
Wire Range	Auveco Part No.	Unit Pkg.
22-18 Ga. (Red)	12791	10
18-14 Ga. (Blue)	12161	10
	14898	100
12 Ga. (Yellow)	12792	10

Fully insulated connectors are for tapping into a line without stripping the insulation. No special tools are required.



Place wire to be tapped in locating notch. Then close with pliers.

Complete connection with Auveco fully insulated male terminal:
11828 (22-18 Ga.),
11605 (16-14 Ga.) or
11830 (12 Ga.)



SOLDERLESS TERMINALS



12158
Vinyl Insulated
Specialty Terminal
Wire Range: 1/4" Tab
Gauge: 16-14
UNIT PACKAGE: 25



17686
Mini Fuse Blade Type Fuse Tap
For tapping "hot side" of
mini fuse type fuse block
Refer to page 234
UNIT PACKAGE: 50



14474
Blade Type Fuse Tap
For tapping "hot side" of fuse block
Refer to page 173
UNIT PACKAGE: 25



11405
Fuse Block Accessory Clip
For add-on electrical equipment
UNIT PACKAGE: 50

SNAP PLUGS AND CONNECTORS

Snap Plugs • 22-18 Gauge Universal • .157" Diameter

Actual Size	Description	Auveco Part No.	Unit Pkg.
	Vinyl Insulated	11604	50
	Insulated Crimp-on Female	10720	10

Mates with 11604

Snap Plugs • 16-14 Gauge Universal • .157" Diameter

Use with 10719 Connector

Actual Size	Description	Auveco Part No.	Unit Pkg.
	Vinyl Insulated	5063	100
	Nylon Insulated	12146	25

Snap Plugs • 16-14 Gauge Ford (American & Lucas) • .176" Dia.

Use with 11602 Connector

Actual Size	Description	Auveco Part No.	Unit Pkg.
	Vinyl Insulated	5062	100

Fully Insulated Crimp-On Female (.157")

Actual Size	Description	Auveco Part No.	Unit Pkg.
	Nylon	10719	10
	16-14 Ga. Blue	17494	25

Mates with 5063 & 12146

Fully Insulated Crimp-on Female (.176")

Actual Size	Description	Auveco Part No.	Unit Pkg.
	Nylon	11602	25
	16-14 Ga.	17493	50

Mates with 5062 & 12145

Snap Plug Tap-Disconnect

Use Universal Snap Plugs (left column)

Actual Size	Description	Auveco Part No.	Unit Pkg.
	18-14 Ga.	10319	10

Dual Male-Female Adapter


Actual Size	Description	Auveco Part No.	Unit Pkg.
	Converts .250" x .032" Male Tab to 2 Male Tabs	8009	100
	Converts .250" x .032" Male Tab to 2 Male Tabs	8788	25

Sec. 12

KRIMP & SEAL TERMINALS

Special polyolefin tubing when heated terminal shrinks with a 3-1 ratio to completely seal entire connection, making penetration by any foreign material impossible.







24-22 Gauge Wire Range (Clear)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	Butt Connector	21317	10

22-18 Gauge Wire Range (Red)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#6	13656	10
	#10	13657	10
	Butt Connector	13659 19258	10 25
	.250" Female	13660	10
	.250" Male	13661	10
	#10	13658	10








16-14 Gauge Wire Range (Blue)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#6	13662	10
	#10	13663	10
	1/4"	13664	10
	5/16"	13665	10
	3/8"	13666	10
	Butt Connection	13669 19259	10 25

16-14 Gauge Wire Range (Blue)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	.157"	13681	10
Mates with 13682			
	.157"	13682	10
Mates with 13681			
	.250"	13670	10
	.250"	13671	10
	.250" Female	13672 19260	10 25
	.250" Male	13673 19261	10 25

12-10 Gauge Wire Range (Yellow)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#10	13674	10
	1/4"	13675	10
	3/8"	13676	10
	Butt Connector	13678 19262	10 25
	#10	13677	10
	.250" Female	13679	10
	.250" Male	13680	10

SEALED CRIMP & SOLDER TERMINALS & CONNECTORS

Crimped for mechanical reliability, soldered for superior strength and conductivity, and sealed with heat shrink tubing for maximum durability.

Crimp Connector

- Crimp indicators show where the installation tool should be positioned
- Wire-stops in butt connectors prevent over-insertion of the wire
- Window in the connector allows for visual inspection & solder to flow into


Solder

- Flux coating to clean metal surfaces
- Low-temperature solder alloy for ease of installation
- Pre-measured solder to provide the right amount of solder ensuring a solid termination


Heat Shrink Tubing

- Adhesive lined polyolefin to seal the connection
- Translucent tubing to allow for visual inspection







24-22 Gauge Wire Range (Clear)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	Butt Connector	21002	10





20 - 18 Gauge Wire Range (Red)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#8	21260	10
	#10	21261	10
	1/4"	21262	10
	5/16"	21263	10
	3/8"	21264	10
	1/4" Female Slip-On	21278	10
	1/4" Male Slip-On	21279	10
	Butt Connector	21003	10
	24 - 22 Ga. to 20 - 18 Ga. Step down butt connector	21275	10

16 - 14 Gauge Wire Range (Blue)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#8	21265	10
	#10	21266	10
	1/4"	21267	10
	5/16"	21268	10
	3/8"	21269	10
	1/4" Female Slip-On	21280	10
	1/4" Male Slip-On	21281	10
	Butt Connector	21004	10
	20-18 Ga. to 16-14 Ga. Step down butt connector	21276	10






12 - 10 Gauge Wire Range (Yellow)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#8	21270	10
	#10	21271	10
	1/4"	21272	10
	5/16"	21273	10

Sec. 12

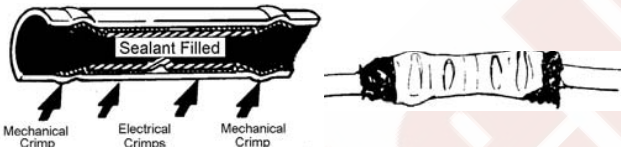
TERMINALS & CONNECTORS

**Sealed Crimp & Solder Terminals
Continued 12 - 10 Gauge Wire Range (Yellow)**

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	3/8"	21274	10
	1/4" Female Slip-On	21282	10
	1/4" Male Slip-On	21283	10
	Butt Connector	21005	10
	16-14 Ga. to 12-10 Ga. Step down butt connector	21277	10

Moisture Resistant Nylon Insulated Butt Connectors

Protect electrical connections from corrosive environments: road chemicals, salt spray, etc. Insert wire and crimp twice (electrical and mechanical) at each end. No need for heat or chemicals.



Auveco Part No.	Wire Range	Color	Unit Pkg.
13683	22-18 Ga.	Red	10
13684	16-14 Ga.	Blue	10
13685	12-10 Ga.	Yellow	10

Heat-Shrinkable, Solder-Type Closed-End Connector




Heat-shrinkable thermoplastic sleeve containing a spiral wound copper insert that is fitted with a pre-fluxed solder band. Easy installation: Insert stripped wires, then twist slightly. Twisting causes the copper insert to tightly grip, compress and hold the wires together. Apply heat.









18716

Insulated & Sealed Closed-End Connector
Color Code: Green
Wire Range: 22-14 Gauge
Minimum Combination: 3 22 Gauge
Maximum Combination: 1 14 Gauge & 1 22 Gauge
UNIT PACKAGE: 10






**Solderless Terminals
Non-Insulated
22-18 Gauge Wire Range**

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#4-#6	5000	100
	#8-#10	5002	100
	Butt Connector	5044	100

16-14 Gauge Wire Range

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#4-#6	5003	100
	#8-#10	5005	100
	#12-1/4"	5006	100
	#4-#6	5014	100
	#8-#10	5015	100
	Butt Connector	5045	100






**16-14 Gauge Wire Range
High Temperature**

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#8-#10	17491	50
	#12-1/4"	17492	50
	.187" Female	10724	25
	1/4" Female	5066	100
	1/4" Male	17490	50



SOLDERLESS TERMINALS

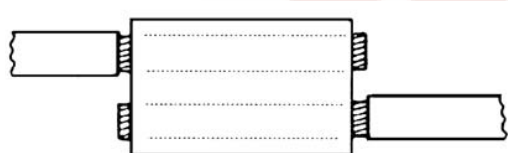
Non-Insulated

12-10 Gauge Wire Range

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	#8-#10	5007	100
	#12-1/4"	5008	100
	5/16"	5009	100
	3/8"	5010	100
	Butt Connector	5046	100



Parallel Connectors (Fusible Link Connectors)

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	16-14 Ga.	12630	100
	12-10 Ga.	12631	50





Parallel Connectors Proper Wire Insertion



Splice Clips

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	Max. of 3 #16 Ga.	18952	50
	Max of 3 #12 Ga.	22341	25





8 Gauge Wire Range

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	1/4"	15158	25
	5/16"	15159	25




8 Gauge Wire Range

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	3/8"	15160	25
	1/2"	15161	25

6 Gauge Wire Range

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	1/4"	15162	25
	5/16"	15163	25
	3/8"	15164	25
	1/2"	15165	25

4 Gauge Wire Range

Actual Size	Wire Size	Auveco Part No.	Unit Pkg.
	1/4"	15166	10
	5/16"	15167	10
	3/8"	15168	10

Sec. 12

SOLDERLESS TERMINALS

Tap Splice Electrical Connectors



Make quick, reliable pre-insulated tap splices, in-line splices, pass-through connections and pigtail connections without stripping, twisting, soldering or using special tools.

Easy to use:

- Open the connector making sure the piercing barb is clear of the wire channels.
- Insert unstripped wires in the proper channels.
- Use pliers to squeeze down the piercing barb until the top is flush with the connector body.
- Close the hinged cover so it locks securely.

Auveco Part No.	Wire Size	Color	Unit Pkg.
17036	22-18 Ga.	Red	25
9481	18-14 Ga.	Blue	25
14896	18-14 Ga.	Blue	100
14897	18-14 Ga.	Blue	500



10385
Tan

Heavy duty self-stripping connector designed for 14, 16, 18 gauge wire connected on to 10 or 12 gauge automotive wire. Ideal for over the road equipment where tap, in-line, and pigtail splices are required.

UNIT PACKAGE: 10



10386
Yellow

Designed exclusively for 10 or 12 gauge splicing on heavy duty vehicle wiring. Tap, in-line, and pigtail splices made quick and easy with this self-stripping connector.

UNIT PACKAGE: 10



10319

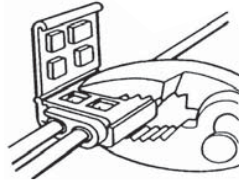
Bullet receptacle connector for use with 18-14 gauge wire. Mates with Auveco snap plugs 5063 and 12146. Place wire to be tapped into connector channel, snap body together and lock into place with pliers.

UNIT PACKAGE: 10



Moisture-Resistant Tap Connector

Tap connector with patented application system forces protective gel around the wire and element, providing a moisture-resistant barrier to destructive substances such as salt water and other corrosive environments. Withstands continuous operating temperatures of -40°C to 75°C (-40°F to 167°F).



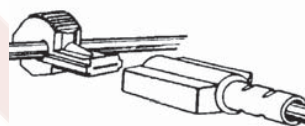
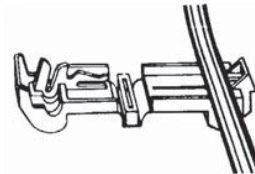
Auveco Part No.	Wire Size	Color	Unit Pkg.
17360	18-14 Ga.	Blue	50

Electrical Connectors



Fully insulated connector for tapping into a line without stripping the insulation. No special tools are required.

Place wire to be tapped in locating notch. Then close with pliers.



mate connection with Auveco insulated male terminal: 11828 (22-18 Gauge), 11605 (16-14 Gauge) or 11830 (12 Gauge)

Auveco Part No.	Wire Size	Color	Unit Pkg.
12791	22-18 Ga.	Red	10
12161	18-14 Ga.	Blue	10
14898	18-14 Ga.	Blue	100
12792	12 Ga.	Yellow	10



14920
With Sealant

Self-stripping connector for making 2 or 3 wire pigtail connections with a wire range of 22-14 gauge.

Simply insert 2 or 3 unstripped wires completely into the connector. Hold a crimping tool perpendicular to the wires and make the connection by driving the cap down. For use to 600V maximum.

UNIT PACKAGE: 10

O.E.M. SHELLS

GM Weather Pack Series • *Photos not actual size*

Sec. 12



15949
(12010996)
Nylon

Single Cavity Shroud
Mates with Auveco 15950

UNIT PACKAGE: 25



15953
(12010717)
Nylon

Triple Cavity Shroud
Mates with
Auveco 15954

UNIT PACKAGE: 15



18147
(12015798)
Nylon

4 Cavity Square Tower
Mates with Auveco 18148

UNIT PACKAGE: 5



15950
(12015791)
Nylon

Single Cavity Tower
Mates with Auveco 15949

UNIT PACKAGE: 25



15954
(12015793)
Nylon

Triple Cavity Tower
Mates with
Auveco 15953

UNIT PACKAGE: 15



18148
(12015024)
Nylon

4 Cavity Square Shroud
Mates with Auveco 18147

UNIT PACKAGE: 5



15951
(12010973)
Nylon

Double Cavity Shroud
Mates with Auveco 15952

UNIT PACKAGE: 25



18145
(12015797)
Nylon

4 Cavity Flat Tower
Mates with Auveco 18146

UNIT PACKAGE: 5



18149
(12034342)
Nylon

5 Cavity Round Tower
Mates with Auveco 18150

UNIT PACKAGE: 2



15952
(12015792)
Nylon

Double Cavity Tower
Mates with Auveco 15951

UNIT PACKAGE: 25



18146
(12010974)
Nylon

4 Cavity
Flat Shroud
Mates with
Auveco 18145

UNIT PACKAGE: 5



18150
(12065158)
Nylon

5 Cavity
Round Shroud
Mates with
Auveco 18149

UNIT PACKAGE: 5



18151
(12015799)
Nylon

6 Cavity Flat Tower
Mates with Auveco 18152

UNIT PACKAGE: 3

Sec. 12

O.E.M. SHELLS

GM Weather Pack Series • *Photos not actual size*



18152
(12010975)
Nylon

6 Cavity Flat Shroud
Mates with Auveco 18151

UNIT PACKAGE: 5



14462
(12014012)

Weather Pack Terminal Extractor Tool
Designed for extracting Weather Pack terminals from their connector housing. Slide the hollow shaft of the tool over the retention barbs of the terminal. Then pull the terminal out of its shell.

UNIT PACKAGE: 1

O.E.M. TERMINALS

GM Weather Pack Series

Male Terminals are used with Shrouds • Female Terminals are used with Towers



20747
(GM: 12089307)
Tin Plated

Gauge: 24-22
Mates with Auveco 20748

UNIT PACKAGE: 15



15937
(12010182, 12124580)
Tin Plated

Gauge: 16-14
Mates with Auveco 15948

UNIT PACKAGE: 50



20748
(GM: 12020801)
Tin Plated

Gauge: 24-22
Mates with Auveco 20747

UNIT PACKAGE: 15



18325
(12089306, 12124587)
Tin Plated

Gauge: 12
20 Amp Max.
Mates with Auveco 18324

UNIT PACKAGE: 25



14151
(12034051, 12089188)
Tin Plated

Gauge: 20-18
Mates with Auveco 14150

UNIT PACKAGE: 50



18324
(12015917, 12124581)
Tin Plated

Gauge: 12
20 Amp Max.
Mates with Auveco 18325

UNIT PACKAGE: 25



14150
(12033674, 12089040)
Tin Plated

Gauge: 20-18
Mates with Auveco 14151

UNIT PACKAGE: 50



20749
(GM: 12015899)
Red Silicone

Cable Seal
Use with Auveco 20747 & 20748

UNIT PACKAGE: 25



15948
(12010085, 12089305)
Tin Plated

Gauge: 16-14
Mates with Auveco 15937

UNIT PACKAGE: 50



14152
(12015323)
Green Silicone

Cable seal
Use with Auveco 14150, 14151, 15937 & 15948

UNIT PACKAGE: 50

O.E.M. TERMINALS

GM Weather Pack Series

Male Terminals are used with Shrouds • Female Terminals are used with Towers



18326

(12010293)
Gray Silicone

Use with 14 Gauge GPT & Cross-Link
Polyethylene Primary Wire

UNIT PACKAGE: 25



20618

(12015193)
Blue Silicone

Use with Auveco 18324 & 18325

UNIT PACKAGE: 25



15955

(12010300)
Silicone

Cavity Plug
Used to plug empty cavities in connector shell

UNIT PACKAGE: 25



14153

(12014836)

Gauge: 20-18
Set of 14150 & 14152

UNIT PACKAGE: 25 Sets



14154

(12014837)

Gauge: 20-18
Set of 14151 and 14152

UNIT PACKAGE: 25 Sets

15921



Repair Lead Gauge: 20-18
Gauge Wire: 10" of 18

UNIT PACKAGE: 5

15922



Repair Lead Gauge: 20-18
Gauge Wire: 10" of 18

UNIT PACKAGE: 5

O.E.M. TERMINALS



15957

(2965142)
Tin Plated

Gauge: 16-14
Insulated with shell 8777
Mates with terminal 15956

UNIT PACKAGE: 25



8776

(2962987)
Tin Plated

Gauge: 16-14
Insulated with shell 8775
Mates with terminal 8774

UNIT PACKAGE: 50



15956

(2971962)
Tin Plated

Gauge: 16-14
Insulated with shell 8775
Mates with terminal 15957

UNIT PACKAGE: 25



17002

(8917283;12015878)
Tin Plated
Copper

Gauge: 12-10
Insulated with shell 8775

UNIT PACKAGE: 25



8774

(2084421,2962447)
Unplated Brass

Gauge: 16-14
Insulated with shell 8777
Mates with terminal 8776

UNIT PACKAGE: 50



8775

(2962984)

Insulates 8776 and 15956
Mates with shell 8777

UNIT PACKAGE: 25

Sec. 12

O.E.M. TERMINALS



8777
(2962448)

Insulates 8774 and 15957
Mates with shell 8775

UNIT PACKAGE: 25

GM Micro - Pack Terminals



14883
(12020757)
Tin Plated

Gauge: 20-18

UNIT PACKAGE: 10



15924
(12040902)
Tin Plated

Gauge: 22

UNIT PACKAGE: 50

GM Pack-Con I Series Terminals



11948
(8900524, 12020320)
Tin Plated

Gauge: 16-14
Mates with Auveco 15935

UNIT PACKAGE: 25



15935
(12020347)

Gauge: 16-14
Mates with Auveco 11948

UNIT PACKAGE: 50

GM Pack-Con H.D. I Series Terminals



15960
(12033817)
Tin Plated

Gauge: 12-10

UNIT PACKAGE: 25

GM Pack-Con III Series Terminals



18650
(12020321)
Brass

Gauge: 16-14

UNIT PACKAGE: 25

GM Metri-Pack 150 Series Terminals



18653
(12045773)
Tin Plated

Gauge: 20-18

UNIT PACKAGE: 25



15498
(12047581)
Tin Plated

Gauge: 20-18
Mates with Auveco 15497

UNIT PACKAGE: 25



15497
(12047680)
Tin Plated

Gauge: 20-18
Mates with Auveco 15498

UNIT PACKAGE: 25



18654
(12048074)
Tin Plated

Gauge: 20-18

UNIT PACKAGE: 25



15499
(GM: 12047767; Chry: 4368618)
Tin Plated

Gauge: 20-16

UNIT PACKAGE: 25



20212
(12129484)
Tin Plated

Gauge: 18-16

UNIT PACKAGE: 15



20213
(12129373)
Tin Plated

Gauge: 22-20

UNIT PACKAGE: 15

O.E.M. TERMINALS

Sec. 12

GM Metri-Pack 150.2 Pull to Seat



20214

(12124075)
Tin Plated

Gauge: 18-16

UNIT PACKAGE: 15



20215

(12124076)
Tin Plated

Gauge: 22-20

UNIT PACKAGE: 15

GM Metri-Pack 150.1 Series Terminal



16806

(12052922, 12089340)

Gauge: 20-18

Not for use with 150.2 Series

UNIT PACKAGE: 25

GM 56 Series Terminal



18690

(2973215)
Tin Plated

Two Gauge Leads: 16-14
Or One Gauge Lead: 12
Fits 5/16" Male Tab

UNIT PACKAGE: 25

GM 59 Series Terminal



18651

(2973216)
Tin Plated

Gauge: 16-14
Blade Size: 5/16"

UNIT PACKAGE: 25

GM Metri-Pack 280 Series Terminal



18659

(12129497)
Tin Plated

Gauge: 16-14
Mates with Auveco 18658

UNIT PACKAGE: 25



14880

(12020116)
Tin Plated

Gauge: 16-14
Mates with Auveco 14881

UNIT PACKAGE: 25

GM Metri-Pack 280 Series Terminal



15946

(12034047)
Tin Plated

Gauge: 20-18
Mates with Auveco 15947

UNIT PACKAGE: 50



18658

(12129493)
Tin Plated

Gauge: 16-14
Mates with Auveco 18659

UNIT PACKAGE: 25



14881

(12015857)
Tin Plated

Gauge: 16-14
Mates with Auveco 14880

UNIT PACKAGE: 25



15947

(12034046)
Tin Plated

Gauge: 20-18
Mates with Auveco 15946

UNIT PACKAGE: 50



20216

(12015858)
Tin Plated

Gauge: 12-10

UNIT PACKAGE: 15



20220

(12186456)
Tin Plated

Gauge: 14-12
Mates with Auveco 20226

UNIT PACKAGE: 15



20226

(12092344)
Tin Plated

Gauge: 14-12
Mates with Auveco 20220

UNIT PACKAGE: 15

Sec. 12

O.E.M. TERMINALS

GM Metri-Pack 280 Series Terminal



20221
(12186457)
Tin Plated

Gauge: 18-16
Mates with Auveco 20227

UNIT PACKAGE: 15



20227
(12092345)
Tin Plated

Gauge: 18-16
Mates with Auveco 20221

UNIT PACKAGE: 15

GM Metri-Pack 280 Series Tangless



20217
(12110842)
Tin Plated

Gauge: 14-12
Used without cable seal

UNIT PACKAGE: 15



20222
(12110845)
Tin Plated

Gauge: 14-12
Used with cable seal

UNIT PACKAGE: 15



20223
(12129409)
Tin Plated

Gauge: 16-14
Used with cable seal

UNIT PACKAGE: 15



20218
(12110844)
Tin Plated

Gauge: 18-16
Used without cable seal

UNIT PACKAGE: 15



20224
(12110847)
Tin Plated

Gauge: 18-16
Used with cable seal

UNIT PACKAGE: 15

GM Metri-Pack 280 Series Tangless



20219
(12110843)
Tin Plated

Gauge: 22-20
Used without Cable seal

UNIT PACKAGE: 15



20225
(12110846)
Tin Plated

Gauge: 22-20
Used with cable seal

UNIT PACKAGE: 15

GM Metri-Pack 280 Fuel Injector



20230
(12103360)
Tin Plated

Gauge: 22-20

UNIT PACKAGE: 15

GM Metri-Pack 480 Series



15939
(12020120)
Tin Plated

Gauge: 16-14
Blade Width: 3/16"
Mates with Auveco 15938

UNIT PACKAGE: 25



15938
(12015861)
Tin Plated

Gauge: 16-14
Mates with Auveco 15939

UNIT PACKAGE: 25

GM Metri-Pack 630 Series



15944
(12020126)
Tin Plated

Gauge: 16-14
Blade Width: 1/4"
Mates with Auveco 15945

UNIT PACKAGE: 50

O.E.M. TERMINALS

Sec. 12

GM Metri-Pack 630 Series



15945
(12015870)
Tin Plated

Gauge: 16-14
Mates with Auveco 15944

UNIT PACKAGE: 50

GM Metri-Pack 630 Pull to Seat



20231
(12066614)
Tin Plated

Gauge: 16-14

UNIT PACKAGE: 15

GM Micro-Pack 100 W Series Terminals



20209
(12084912)
Gold/Nickel Plated

Gauge: 18
Mates with Auveco 20211

UNIT PACKAGE: 10



20211
(12160551)
Gold/Nickel Plated

Gauge: 18
Mates with Auveco 20209

UNIT PACKAGE: 10



20210
(12084913)
Gold/Nickel Plated

Gauge: 22-20

UNIT PACKAGE: 10

Ford Wedglock Pin Type Terminals



20475
(E7EB-14461-BA)
Tin Plated

Gauge: 20-18
Diameter Pin: .060"

UNIT PACKAGE: 25

Ford Wedglock Pin Type Terminals



14887
(D1AB-14461-AA)

Gauge: 20-18
Diameter Pin: .110"
Mates with Auveco 14888

UNIT PACKAGE: 25



14888
(D1AB-14488-CA)

Gauge: 20-18
Diameter Pin: .110"
Mates with Auveco 14887

UNIT PACKAGE: 25

Ford Miniature Pin Type Terminals



18853
(E3VB-14461-AA)

Gauge: 20-18
Diameter Pin: .062"
Reference A-9

UNIT PACKAGE: 25

Ford Mini Block Terminals



16342
(E7EB-14421-EA)

Gauge: 20-18
Blade Width: 1/8"
Mates with Auveco 16344

UNIT PACKAGE: 25



16344
(E7EB-14474-CA)

Gauge: 20-18
For 1/8" Blade
Mates with Auveco 16342

UNIT PACKAGE: 25

Ford Standard Box Terminals



16348
(E8EB-14474-VA)
Tin Plated

Gauge: 16-14
For 3/16" Blade

UNIT PACKAGE: 25



14889
(D8BB-14474-BA, D3AB-14474-DA)

Gauge: 20-18

UNIT PACKAGE: 25

Sec. 12

O.E.M. TERMINALS

Ford Terminals



20815
(D20B-14421-BB)

Gauge: 20-18
Blade Width: 3/16"
Replaces Auveco 14890

UNIT PACKAGE: 25



20816
(D5AB-14474-FA, D3AZ-14474-G)

Gauge: 20-18
Replaces Auveco 14891

UNIT PACKAGE: 25

Chrysler Quick Connect Terminals



16349
(3843386)

Gauge: 16-14
Blade Width: 1/4"

UNIT PACKAGE: 25

Chrysler Terminals



16801
(7368261)

Gauge: 20-18
Diameter Pin: 3/32"
Male

UNIT PACKAGE: 25



16804
(4304729)

Gauge: 24-18
Double Cantilever Spring Terminal
Used with P.C. board connections & general purpose

UNIT PACKAGE: 25

UNIVERSAL TERMINALS



14892
(GM: 2965470;
Ford: C5AB-14474-B;
Chry: 2096466)
Unplated Brass

Gauge: 20-18
Female: 1/4"

UNIT PACKAGE: 25



17115
(GM: 2962953;
Ford: C2TB-14462A;
Chry: 2096454)
Bare Copper

Gauge: 12-10
Stud Size: 3/8" (10mm)

UNIT PACKAGE: 25



15504
(GM: 2965580;
Ford: C1SF-14474-A;
Chry: 2096467)
Unplated Brass

Gauge: 14-12
Female: 1/4"

UNIT PACKAGE: 25



21401
(GM: 2984172;
Ford: C8AB-14463N;
Chry: 4274166)
Tin Plated

Gauge: 16-14
Stud Size: 1/4" (6.3mm)
Locking Type

UNIT PACKAGE: 10

MATE-N-LOCK TERMINALS

Commonly used in cellular phone and communication equipment installations, office machines and machine controls.



18855

Tin Plated Brass

Gauge: 20-14
Diameter Pin: .084"
Single Retention Barb
Mates with Auveco 18856

UNIT PACKAGE: 25



18856

Tin Plated Brass

Gauge: 20-14
Diameter Pin: .084"
Single Retention Barb
Mates with Auveco 18855

UNIT PACKAGE: 25



18857

Tin Plated Brass

Gauge: 20-14
Diameter Pin: .084"
Dual Retention Barbs
Mates with Auveco 18858

UNIT PACKAGE: 25



18858

Tin Plated Brass

Gauge: 20-14
Diameter Pin: .084"
Dual Retention Barbs
Mates with Auveco 18857

UNIT PACKAGE: 25

Terminal Extractor Picks



Photo not actual size

Used to release most GM, Ford and Chrysler OEM terminals from their insulating shells. Not suitable for round, pin-type terminals.

14884

(12012000)

Narrow Blade (.050")

UNIT PACKAGE: 1

14885

(8913369)

Wide Blade (.090")

UNIT PACKAGE: 1

20583

(12094429)

Micro Terminal Extractor Pick

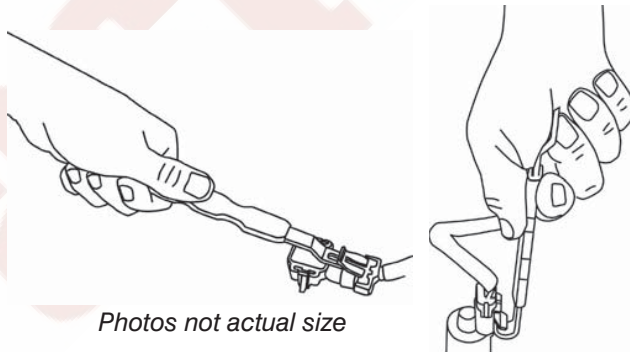
.035" Wide Blade used to release: 150 Metri-Pack, 280 Metri-Pack, 280 Tangless, 280 Bus Bar, 630 Pull to Seat, GT 150, GT 280, Wedge Base Light Socket terminals and indexing Candelabra Bayonet Double Contact Light Socket terminals.

UNIT PACKAGE: 1

CRIMPING & CUTTING TOOLS

20901

Electrical Connector Separator



Photos not actual size

Quickly disconnects electrical connectors without damage. Simply engage the tool tip behind the connector locking clip and then pull or push to disconnect. The tool is double-ended to fit different access angles. Works on Weather Pack and other automotive electrical connectors.

UNIT PACKAGE: 1

15035

Self-Adjusting Wire Stripper/Crimping Tool



Photos not actual size

The quick and easy way to strip wire. Unique steel jaws self-adjust to strip any 26 - 10 gauge wire. Only light handle pressure is needed to make wire stripping fast and easy.

Crimps insulated and non-insulated 22 - 10 gauge and 7mm/8mm terminals

Also features precision machined blade for cutting wire sharp and smooth.

Overall Length: 8-1/4"

UNIT PACKAGE: 1

Sec. 12

CRIMPING & CUTTING TOOLS

Photos not actual size

21424

Wire Stripper for recessed areas



This specially designed, narrow profile tool provides easy access to limited and hard-to-reach areas.

Strips 22-12 gauge single or multiple-stranded conductor wire and automatically adjusts to the wire size. The tool has an adjustable strip length gauge and built in wire cutter.
Lightweight and easy to use

UNIT PACKAGE: 1

Open Barrel Terminal Crimping Tool For O.E.M. Terminals



16004

Duplicates factory crimps on open barrel terminals used in automotive, computer and control applications. Features five machined and hardened crimp stations for 14 to 24 gauge wire terminations. Parallel jaws eliminate faulty crimps.
Overall Length: 8-1/2"

UNIT PACKAGE: 1

Insulation Crimp:

Crimp Station A for 14-18 Gauge
Crimp Station B for 20-24 Gauge

Stripped Wire Crimp:

Crimp Station C for 14-16 Gauge
Crimp Station D for 18-20 Gauge
Crimp Station E for 22-24 Gauge

7711



Cuts and strips 22-8 gauge wire. Crimps insulated and non-insulated solderless terminals in sizes from 22-10 gauge.
Overall Length: 9"

UNIT PACKAGE: 1

20751

(GM: 12014254)



Weather Pack Crimping Tool designed specifically to crimp only Weather Pack 20-18 Gauge & 16-14 Gauge Weather Pack seals and terminals in one cycle. Ratchet mechanism ensures completion of cycle.

UNIT PACKAGE: 1

20750

Micro Crimper
30-16 Gauge
Best for 24-20 Gauge



Insulation Crimp:

Crimp Station A for 20-16 Gauge
Crimp Station B for 30-22 Gauge

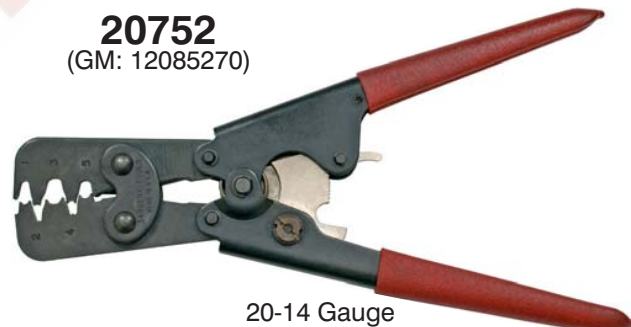
Stripped Wire Crimp:

Use Crimp Station C for 18-16 Gauge
Use Crimp Station D for 22-20 Gauge
Use Crimp Station E for 30-24 Gauge

UNIT PACKAGE: 1

20752

(GM: 12085270)



20-14 Gauge
Crimps most sealed GM terminals
Ratchet mechanism ensures completion of crimp cycle

Seal Crimp:

Crimp Station 1 for 150 Series Metri-Pack Seals
Crimp Station 3 for 480 & 630 Series Metri-Pack Seals
Crimp Station 5 for Weather Pack & 280 Series Metri-Pack Seals

Stripped Wire Crimp:

Crimp Station 2 for 20-18 Gauge
Crimp Station 4 for 16-14 Gauge

UNIT PACKAGE: 1

CONNECTORS

Twist-Type Wire Connectors



Color: Gray

Joins 18 & 16 Gauge Wires
Minimum of 2 #18 Gauge Wires
Maximum of 2 #16 Gauge Wires

10378: UNIT PACKAGE: 25
15204: UNIT PACKAGE: 100



Color: Blue

Joins 18-14 Gauge Wires
Minimum of 2 #18 Gauge Wires
Maximum of 3 #16 Gauge Wires

10379: UNIT PACKAGE: 25
15205: UNIT PACKAGE: 100



Color: Orange

Joins 18-14 Gauge Wires
Minimum of 2 #18 Gauge Wires
Maximum of 3 #16 Ga &
1 #18 Gauge Wires

10380: UNIT PACKAGE: 25
15206: UNIT PACKAGE: 100



Color: Yellow

Joins 18-12 Gauge Wires
Minimum of 1 #14 Gauge &
1 #18 Gauge Wires
Maximum of 2 #14 Gauge &
3 #16 Gauge Wires

10381: UNIT PACKAGE: 25
15207: UNIT PACKAGE: 100



Color: Red

Joins 18-10 Gauge Wires
Minimum of 1 #12 Gauge &
2 #18 Gauge Wires
Maximum of 2 #10 Gauge &
1 #12 Gauge Wires

10382: UNIT PACKAGE: 25
15208: UNIT PACKAGE: 100

Twist-Type Wire Connectors

Combines both the wide range and torque of wing-style connectors with a new flexible skirt that provides over-strip protection without taking additional space in the electrical box.



18312

Orange & Blue

Joins from two 22 gauge
to two 12 gauge wires

UNIT PACKAGE: 25



Wing Twist-Type Wire Connectors

Color: Blue
Joins 14-6 Ga. Wires
Minimum of 1 #10 Ga. & 1
#12 Ga. Wires
Maximum of 1 #6 Ga. & 2
#8 Ga.

10384 UNIT PACKAGE: 25
15209 UNIT PACKAGE: 50



15705
Yellow

Joins 22-12 Ga. Wires
Minimum of 2 #18 Ga. Wires
Maximum of 2 #12 Ga. Wires

UNIT PACKAGE: 50



15706
Red

Joins 20-8 Ga. Wires
Minimum of 2 #16 Ga. Wires
Maximum of 4 #12 Ga. Wires

UNIT PACKAGE: 50

CIRCUIT TESTER

20818

Photo not actual size



Computer Safe Automotive Logic Probe

This circuit tester with its high impedance feature draws less than 7 milliamps to protect all vehicle circuits including computerized engine and body controls, sensitive electronic sensors, microprocessors, electronic ignition components and air bags. Instructions included.

For 6, 12 and 24 volt systems
Insulated probe has an exposed length of 3-3/8"
Includes Protect-A-Terminal® Probe Adapter to prevent damage to electrical connectors
6 feet of heavy duty, 18 gauge dual leads with large battery clips for easy hook-up.

UNIT PACKAGE: 1

Sec. 12

CIRCUIT TESTER AND WIRE LOOM

20819

Photo not actual size



Heavy Duty Circuit Tester

An excellent quality electrical circuit tester for checking 6 and 12 volt systems. It's made to last! Has a heavy duty battery clip. 5 feet of tough, flexible, heavily insulated rubber coated wire is retained in a spring supported strain-relief design that withstands the most rugged use.

UNIT PACKAGE: 1

**For Troubleshooting
DC Primary Circuits
on 6 & 12 Volt
Vehicles**



Photo not actual size

16420

Use to Check:
Lighting Systems
Wipers
Horn
Electric Clock,
Windows, Locks
Fuses
Relays

Features:
• 4 Feet of Wire
• Mechanical Strain Relief
• Impact & Chemical Resistant Housing
• 8" Long Probe/Housing
• Super Sharp Probe, Tempered to Last
• 2" Long Alligator Clip

UNIT PACKAGE: 1

WIRE LOOM

Split Flexible Tubing • Maximum Temperature of 345°F



I.D. 1/4" - O.D. 3/8"
Nylon 6 - Black

14197: 10' Length
14201: 50' Length (Bulk)



I.D. 3/8" - O.D. 9/16"
Nylon 6 - Black

14198: 10' Length
14202: 50' Length (Bulk)



I.D. 1/2" - O.D. 11/16"
Nylon 6 - Black

14199: 10' Length
14203: 50' Length (Bulk)



I.D. 5/8"
O.D. 13/16"
Nylon 6
Black

20536:
50' Length



I.D. 3/4" - O.D. 15/16"
Nylon 6 - Black

14200:
10' Length
14204:
50' Length (Bulk)



I.D. 1"
O.D. 1-1/8"
Nylon 6
Black

18194:
25' Length

**Please place orders in
Unit Package quantities,
not based on pieces needed**

PRIMARY AND FUSIBLE WIRE

Photos not actual size



Primary Wire

Standard PVC Insulation (SE/GPT Type)
Suitable for most automotive applications.
Free of stripping, abrasion resistant,
meets most O.E.M. vehicle standards

UNIT PACKAGE: 1 Roll

The lower the gauge number, the thicker the wire
(i.e. 10 gauge is thicker than 16 gauge)

Gauge	Stranding	Outer Diameter	Auveco Part No.				Length
			Red	White	Black	Blue	
18	16 x 30	.092	20486	20487	20488	20489	45 Ft.
16	19 x 29	.104	20490	20491	20492	20493	35 Ft.
12	19 x 25	.142	20494	20495	20496	20497	15 Ft.
10	19 x 23	.175	20498	20499	20500	20501	10 Ft.

25 Foot Spool

Gauge	Stranding	Outer Diameter	Auveco Part No.					Green	Yellow
			Red	White	Black	Blue			
14	19 x 27	.117	12419	12420	12421	12422	15239	15240	

100 Foot Spool

Gauge	Stranding	Outer Diameter	Auveco Part No.						
			Red	White	Black	Blue	Green	Yellow	Brown
20	10 x 30	.085	21339	21340	21341	21342	21343	21344	21345
18	16 x 30	.092	12423	12424	12425	12426	12427	12428	15256
16	19 x 29	.104	12429	12430	12431	12432	12433	12434	15257
14	19 x 27	.117	12435	12436	12437		12439	12440	15258
12	19 x 25	.142	12441	12442	12443	12444	15259	15260	
10	19 x 23	.175	12445		12447	12448		15263	

Spooled Fusible Link Wire

The lower the gauge number, the thicker the wire (i.e. 10 Ga. is thicker than 16 Ga.)



A fusible link is a special section of low tension cable installed by an OEM and designed to open a circuit when subjected to extreme current overload. Its purpose is to minimize wiring system damage when such an overload accidentally occurs in those circuits protected by the fusible link. A short circuit causes the fusible link to act as an element in a "slow-blow" fuse. A fusible link is not intended to be used in place of a fuse but only where a fuse cannot be economically employed. Our fusible line wire meets the requirements of SE J-156 and the insulation has the characteristics as listed for EAE, SE J-1128 Type SXL. The vehicle manufacturer should be consulted about questions on fusible link length and size. General practice has been for a fusible link to be 4 gauges smaller than the circuit wire.

Example: if the circuit wire is 12 gauge, use a 16 gauge fusible link.

Final determination should be based on O.E.M. application.

Note: Extreme care should be taken to always replace a fusible link with then same gauge and length as installed by the manufacturer.

Auveco Part No.	Gauge	Color	Length	Replaces	Unit Pkg.
15372	14	Orange	25 Ft.	GM: 6292995	1 Spool
20484	8	Black or Rust	25 Ft.		1 Spool

*Color may vary at manufacturer's option

Sec. 12

FUSIBLE LINKS

Photos not actual size



Universal Fusible Links

Auveco Part No.	Gauge	Length	Replaces	Unit Pkg.
12627	18	9"	Chry: 3843392 & other 18 Ga. links	5
12628	16	9"	GM: 6292996, 8903489 Ford D3AZ-14526-E & other 16 Ga. links	5
12629	14	9"	GM: 6292995, 8903488 Ford D3AZ-14526D & other 14 Ga. links	5
17465	12	9"	GM: 6293923	5
17464	10	9"	GM: 12077140	5

TEST CLIPS



Type 1



Type 2

Auveco Part No.	Type	Description	Unit Pkg.
20478	1	10 Amp, Alligator Clip, Nickel Plated, 2" Long	5
16969	2	10 Amp, Red Insulation, 2-1/4" Long	5
16970	2	10 Amp, Black Insulation, 2-1/4" Long	5
16971	2	1 Each of 16969 & 16970	1 Pair
16972	2	30 Amp, Red Insulation, 3" Long	5
16973	2	30 Amp, Black Insulation, 3" Long	5
16974	2	1 Each of 16972 & 16973	1 Pair
16975	2	50 Amp, Red Insulation, 3" Long	5
16976	2	50 Amp, Black Insulation, 3" Long	5
16977	2	1 Each of 16975 & 16976	1 Pair

BATTERY CABLE & TERMINALS



Battery Cable

Bare Copper Standard Conductor, covered with tough black Polyvinyl Chloride insulation. The thick jacket is easy to strip, resistant to moisture, weather, oil and acids.

Auveco Part No.	Gauge	Stranding	O.D.	Unit Pkg.
11392	4	70 x 22.5	.380	25' Roll
13850	1/0	133 x 21	.530	25' Roll
13851	2/0	133 x 20	.590	25' Roll

Solderless Battery Cable Terminals



Tin Plated Copper

Auveco Part No.	Cable Size	Post Size	Unit Pkg.
11360	No. 6 AWG	Universal	2
11361	No. 4 AWG	Universal	2
11362	No. 1 AWG	Positive	2
11363	No. 1 AWG	Negative	2
11364	No. 1/0 AWG	Positive	2
11365	No. 1/0 AWG	Negative	2
11366	No. 2/0 AWG	Positive	2
11367	No. 2/0 AWG	Negative	2
15858	No. 3/0 AWG	Positive	2

Note: Use with Auveco Tool No. 7996



Universal Battery Terminal

9948

For Positive & Negative Posts
Cable Range 8 thru 2/0 AWG

UNIT PACKAGE: 2

Marine Battery Terminals

Lead Plated Brass Terminal
Nickel Plated Grade 2 Steel Wing Nut
Zinc Plated Grade 2 Steel Bolt & Nut



8772

For Positive Posts
Stud: 3/8"-16

UNIT PACKAGE: 5



8773

For Negative Posts
Stud: 5/16"-18

UNIT PACKAGE: 5

BATTERY CABLE & TERMINALS

Photos not actual size

Engine Ground & Bonding Strap



19499

Replacement for body to engine block straps. Solves light dimming problems by grounding charging system. Also reduces radio noise. Copper braided wire with tin-plated brass ring terminals.

Length: 8"
Gauge: 10
Stud Size Ring Terminal: 5/16" - 3/8"

UNIT PACKAGE: 2



Universal Side Mount Battery Cable Terminal

12975

Fits all small diameter cables - both positive and negative.

UNIT PACKAGE: 2



All Lead Terminal

10808

Zinc Plated Steel Bolt & Nuts
Stud: 5/16"-18
Universal Positive & Negative

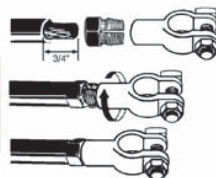
UNIT PACKAGE: 2

COMPRESSION BATTERY CABLE TERMINALS

All clamps and lugs are made of cast copper • All clamps, lugs and fasteners are tin plated



Assemble with common hand tools.



Three Easy Steps

- Strip 3/4" of insulation from the end of the cable. Insert bared wire into the compression nut.
- Thread terminal on compression nut.
- Grip compression nut with wrench and turn the terminal until the compression nut seats. With larger gauges you may want to hold the terminal in a vise



Straight Clamp

Auveco Part No.	Cable Gauge	Description.	Color	Unit Pkg.
15603	4	Pos.	Gray	2
15605	1&2	Pos.	Green	2
15606	1/0	Neg.	Black	2
15607	1/0	Pos.	Black	2
15608	2/0	Neg.	Orange	2
15609	2/0	Pos.	Orange	2
15610	3/0	Neg.	Purple	2
15611	3/0	Pos.	Purple	2

Heavy Wall Copper Lug



Auveco Part No.	Cable Gauge	Hole Size	Color	Unit Pkg.
15618	4	3/8"	Gray	2
15619	1&2	3/8"	Green	2
15620	1/0	3/8"	Black	2
15621	1/0	1/2"	Black	2
15622	2/0	3/8"	Orange	2
15625	3/0	1/2"	Purple	2



Stud/Side Terminal

Auveco Part No.	Cable Gauge	Color	Unit Pkg.
15628	1/0	Black	2



Compression Nut



Auveco Part No.	Cable Gauge	Color	Unit Pkg.
15632	2/0	Orange	5

Sec. 12

BATTERY TERMINALS & TOOLS

Photos not actual size



Copper Battery Cable Lugs

Auveco Part No.	Cable Size	Stud Size	Unit Pkg.
5794	4 Ga.	3/8"	25
5796	1/0 Ga.	3/8"	25
11467	2/0 Ga.	1/2"	10

Use Auveco 7996 Crimping Tool



Butt Connector (Double Flared)

Pure Copper with Tin Plating

Applications: Field or shop splicing of battery cables and welding cables.

Auveco Part No.	Cable Size	Length	Unit Pkg.
11729	2/0 Ga.	1-3/4"	5



11083
(8917444)
Zinc

Battery Side Terminal Bolt
Thread Size: 3/8"-16
Overall Length: 1-1/8"
GM

UNIT PACKAGE: 10



19199
(12004188)
Zinc

Battery Side Terminal Bolt
Thread Size: 3/8"-16
Overall Length: 1-3/4"
GM

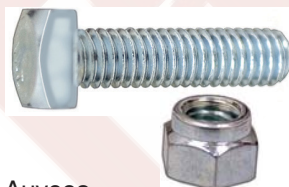
UNIT PACKAGE: 5



13816
Stainless Steel

Battery Hold Down Nuts
Thread Size: 3/8-16
Overall Length: 18/8

UNIT PACKAGE: 4



Battery Terminal Bolt & Nut
Zinc Chromate

Auveco Part No.	Size		Unit Pkg.
3186	5/16"-18 x 1-1/4"	Bolt w/Collared Nut	100
8003	5/16"-18 x 1-1/4"	Bolt W/Hex Nut	50
14974	5/16"-18 x 1-1/4"	Bolt Only	50
14975	5/16"-18	Collared Nut Only	50

Heavy Duty Battery Cable Terminal Ends for Stud-Type Batteries

For Auto, Truck, Marine and H.D. Equipment



Single Barrel
Copper/Plated
Stud Size: 3/8

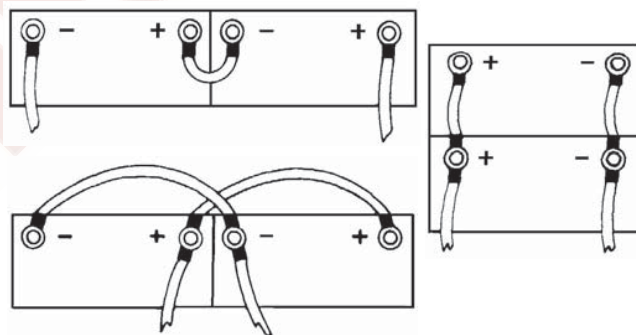
Auveco Part No.	Cable Size	Unit Pkg.
13810	1/0	2
13811	2/0	2



Double Barrel
Copper/Plated
Stud Size: 3/8

Auveco Part No.	Cable Size	Unit Pkg.
13814	2/0	1

Suggested Terminal Assemblies



20899

Side Terminal Battery Cleaner



Coil spring cutters polish the battery contacts while the stainless steel brushes clean the cable terminals.

UNIT PACKAGE: 1

BATTERY TERMINAL TOOLS

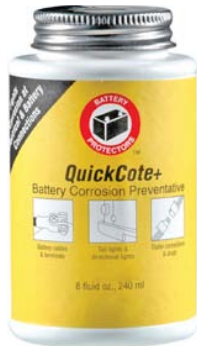
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20898
Battery Brush

Cleans dirt and corrosion from post type battery terminals and cable clamps. Made of heavy duty stainless steel wire. Case is made of high impact plastic that will not weaken in cleaning solutions.

UNIT PACKAGE: 1



15039
Anti-Corrosion Protectant

A non-drying coating protectant, formulated especially for battery terminals and other exposed electrical connections.

UNIT PACKAGE: 1 8oz. Can

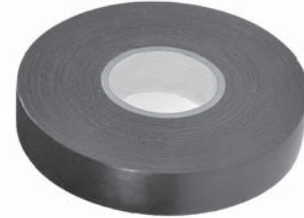


7996

Crimps cable range
Gauge: 8 to 4/0
Use with vise or hammer

UNIT PACKAGE: 1

3M Vinyl Electrical Tape
Made in U.S.A.



.007" Thick x 3/4" Wide x 60 Ft. Long

16527: Unit Package: 5 Rolls
16578: Unit Package: 15 Rolls

General purpose vinyl insulating tape with excellent resistance to abrasion, moisture, alkalis, acid, copper corrosion and varying weather conditions. Can be used as a primary electrical insulation for all wire and cable splices rated up to 600 volts.

Linerless Self-Bonding Rubber Tape



14389

.030" Thick x 3/4" Wide x 15ft. Long

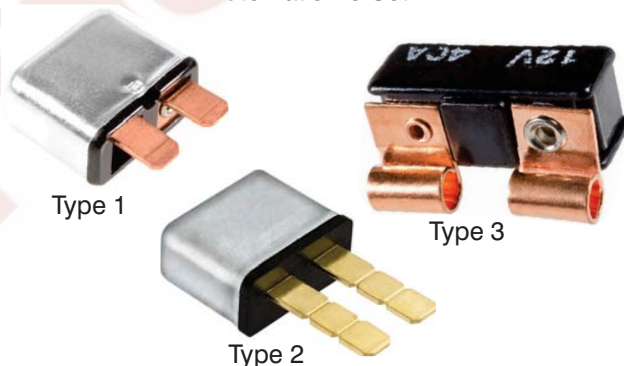
UNIT PACKAGE: 1 Roll

Replace heat shrink tubing with a safe, tight, long-lasting seal that withstands temperature extremes from -50° to 300°F. No heat guns or open flames needed. No paper liner to mess with.

Tape is stretched when applied and retains its elasticity to ensure a tight seal at all points. The tape is unaffected by salt spray and common automotive fluids. As long as it is stretched when it is applied, it will not unravel after application due to its self-bonding characteristics.

CIRCUIT BREAKERS

Automatic Re-Set



Auveco Part No.	Type	Specifications	Unit Pkg.
15046	1	30 Amps at 12 Volts	5
18518	2	10 Amps at 12 Volts	2
18519	2	15 Amps at 12 Volts	2
18520	2	20 Amps at 12 Volts	2
18521	2	30 Amps at 12 Volts	2
18522	2	40 Amps at 12 Volts	2
15048	3	30 Amps at 12 Volts	5
15049	3	40 Amps at 12 Volts	5

Sec. 12

HEAT SHRINK TUBING

Made in the U.S.A. • Photos not actual size



Black Thin Wall Heat Shrink Tubing

- 2 to 1 Shrink Ratio
- Cross linked Polyolefin
- Highly Flame Retardant (VW-1)

Auveco Part No.	Size	Pre-Shrink I.D.	Post-Shrink I.D.	Length	Unit Pkg.
18693	3/64"	.046"	.023"	6"	25
18694	1/16"	.063"	.031"	6"	25
18695	3/32"	.093"	.046"	6"	25
18696	1/8"	.125"	.062"	6"	25
18697	3/16"	.187"	.093"	6"	25
18698	1/4"	.250"	.125"	6"	25
18699	3/8"	.375"	.187"	6"	15
18700	1/2"	.500"	.250"	6"	15
18701	3/4"	.750"	.375"	6"	10
18702	1"	1.00"	.500"	6"	10
18703	1-1/2"	1.50"	.750"	6"	5



Adhesive Lined Heat Shrink Tubing

- 4.5 to 1 Shrink Ratio
- Cross linked, Semi-Rigid Polyolefin Outer Jacket
- Hot-Melt Adhesive Inner Wall adheres to all major types of Wire
- Environmentally Seals & Insulates
- Meets O.E.M. Specs: Ford: ESB M99 D56 A1 Chrysler: MS-DB56

Auveco Part No.	Pre-Shrink I.D.	Post-Shrink I.D.	Length	Color	Unit Pkg.
18705	.225"	.050"	3-1/2"	Black	10
18706	.293"	.065"	3-1/2"	Black	10
18707	.427"	.095"	3-1/2"	Black	10
18708	.700"	.175"	3-1/2"	Black	5



Adhesive Lined Dual Wall Self-Sealing Heat Shrink Tubing

- 3 to 1 Shrink Ratio
- Excellent Insulating, Abrasion-Resisting & Strain Relief Properties
- Provides Waterproofing & Environmental Protection

Auveco Part No.	Size	Pre-Shrink I.D.	Post-Shrink I.D.	Length	Color	Unit Pkg.
16665	22-14 Gauge	.188"	.062"	12"	Black	4
16666	12-10 Gauge	.250"	.083"	12"	Black	4
18733	14-10 Gauge	.400"	.150"	6"	Black	4
19102	14-10 Gauge	.400"	.150"	6"	Black	25
18734	14-10 Gauge	.400"	.150"	6"	Red	4
19103	14-10 Gauge	.400"	.150"	6"	Red	25
18735	8-1 Gauge	.750"	.220"	6"	Black	4
19104	8-1 Gauge	.750"	.220"	6"	Black	25
18736	8-1 Gauge	.750"	.220"	6"	Red	4
19105	8-1 Gauge	.750"	.220"	6"	Red	25
18737	2-4/0 Gauge	1.100"	.375"	6"	Black	4
19106	2-4/0 Gauge	1.100"	.375"	6"	Black	25
18738	2-4/0 Gauge	1.100"	.375"	6"	Red	4
19107	2-4/0 Gauge	1.100"	.375"	6"	Red	25



Heat Shrink Tubing Kit

18887

Six inch lengths of black thin wall, cross linked polyolefin, heat shrink tubing in a durable translucent polypropylene box. The tubing has 2:1 shrink ratio.

Auveco Part No.	Qty.	Pre-Shrink Size	Post-Shrink I.D.	I.D.
18697	36	3/16"	.187"	.093"
18698	24	1/4"	.250"	.125"
18699	12	3/8"	.375"	.187"
18700	6	1/2"	.500"	.250"
18701	4	3/4"	.750"	.375"
18702	4	1"	1.00"	.500"

UNIT PACKAGE: 1

FUSE HOLDERS & ACCESSORIES

Photos not actual size

Sec. 12

12592
Nylon



Glass Tube Fuse Puller
UNIT PACKAGE: 1

12079
Nylon



Moulded In-Line Fuse Holder with 8" of 18 Gauge Wire
Use with Auveco 1/4" x 1-1/4" Glass Tube Fuses
Up to and including 20 Amps

UNIT PACKAGE: 3

11618
Nylon



Fuse Assembly with 30 Amp Fuse Included
12 Gauge Wire

UNIT PACKAGE: 5

18103

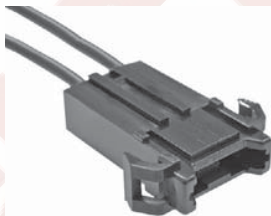


Tests ATO® (Blade Type) and Mini-Fuses.
Now you can make sure the fuse is good before installing it.

Also functions as a fuse puller.
40 Amp maximum

UNIT PACKAGE: 1

12359



In-Line Fuse Holder
Accommodates all ATO/ATC fuses from 3-30 Amps
Heavy Duty Hard Shell Construction
10" Loop of 14 Gauge Wire

UNIT PACKAGE: 3

14055



In-Line Fuse Holder
Accommodates all ATO/ATC fuses from 3-30 Amps Heavy Duty Hard Shell Construction
10" Loop of 12 Gauge Wire

UNIT PACKAGE: 3



12363
In-Line Fuse Holder

Accommodates all ATO/ATC fuses from 3 thru 20 Amps.
Comes with two 4" 16 Gauge Wire Leads.

UNIT PACKAGE: 5

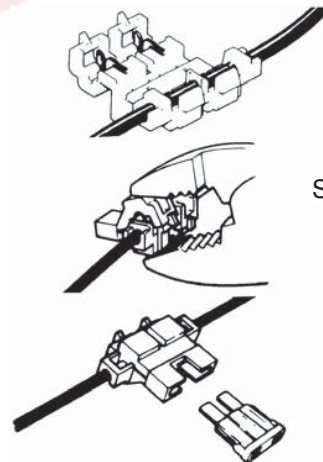
20789

In-Line Mini Fuse Holder



30 Amp Maximum
12 Gauge Wire
Use with Auveco Mini Fuses 16351-16360
Replaces Auveco 17648
Fuse NOT Included

UNIT PACKAGE: 3



12977
Self-Stripping Fuse Holder



Mates with most plug-in blade type fuses found in late-model domestic and some import cars.
For 18-14 gauge copper wire.

32 volts maximum
20 amp maximum with 14 gauge wire
10 amp maximum with 16 gauge wire
7.5 amp maximum with 18 gauge wire

UNIT PACKAGE: 5

Sec. 12

FUSES & FUSE HOLDERS

Photos not actual size

Sealed Fuse Holders For ATM Mini® Fuses



20206

20, 25 & 30 Amp Capacity
10" Long 12 Gauge Cross-Linked Polyethylene Leads
Fuse NOT Included

UNIT PACKAGE: 1



20207

2-15 Amp Capacity
10" Long 16 Gauge Cross-Linked Polyethylene Leads
Fuse NOT Included

UNIT PACKAGE: 1

High Power Sealed Fuse Holder

20320



For ATC & ATO Fuses
40 Amp Capacity
12" Long 10 Gauge
105 Strand
EZ Flex Wire Leads
Fuse NOT Included

UNIT PACKAGE: 1

Environmentally Sealed Blade Type Fuse Holder

Also used as Fuel Pump Fuse Holder on GM Vehicles



13686

(GM: 12101917; Delco: PT-189)

UNIT PACKAGE: 1

Electrical system protection for fleets, construction equipment, aircraft service vehicles, outdoor power equipment and marine installations.

Resistant to moisture, salt spray and engine compartment fluids. Withstands 50g physical shock. Operating temperature range from -40° to 125°C.

- Nylon Body with Latching Cap
- Silicone Rubber Seals at Wires and Cap
- 12 Gauge SE/GPT Wire Leads
- 3 to 30 Amp Capacity - Type ATC/ATO Fuses
 - 5" Long Wire Leads
 - Fuses NOT included

Low Profile JCase Fuses

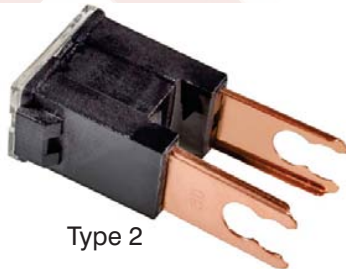


Auveco Part No.	Amp Rating	Color	Unit Pkg.
21472	20	Blue	3
21473	25	White	3
21474	30	Pink	3
21106	40	Green	3
21475	50	Red	3
21476	60	Yellow	3

PAL™ (Pacific Auto Link) Fuses



Type 1



Type 2



Type 3



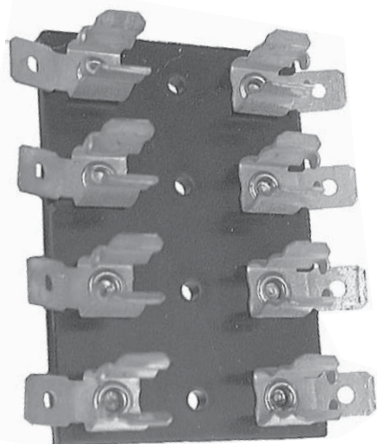
Type 4

Auveco Part No.	Type	Amp Rating	Color	Unit Pkg.
20560	1	20	Blue	1
15926	1	30	Pink	1
15927	1	40	Green	1
19294	1	50	Red	3
15928	1	60	Yellow	1
15929	2	30	Pink	1
15930	2	60	Yellow	1
15931	2	80	Black	1
15932	3	30	Pink	1
15933	3	40	Green	1
19295	3	80	Black	2
19296	3	100	Blue	2
20551	4	20	Blue	2
20552	4	30	Pink	2
20553	4	40	Green	2
20554	4	50	Red	2
20555	4	60	Yellow	2

FUSES & ACCESSORIES

Photos not actual size

Sec. 12



13445

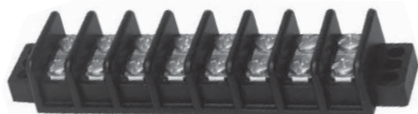
Four Gang Fuse Block

Size: 2-7/16" x 2-15/16" x 3/4"

For use with SFE-20 Amp. fuse or any 3 AG series fuse. Phosphor bronze fuse clips. Brass screws

UNIT PACKAGE: 1

Terminal/Junction Blocks



For marine and exposed applications. Brass nickel plated terminal links and binding head terminal screws. Moisture repellent molded ABS base with protective insulator barrier strips. 20 Amp rating.

13446

4 Gang (Circuits)

Size: 3-1/4" x 1-5/16" x 5/8"

UNIT PACKAGE: 1

13447

6 Gang (Circuits)

Size 3-3/8" x 1-1/8" x 9/16"

UNIT PACKAGE: 1

13449

10 Gang (Circuits)

Size: 5-1/8" x 1-1/8" x 9/16"

UNIT PACKAGE: 1



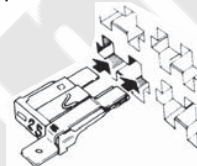
14474

Blade Type Fuse Tap

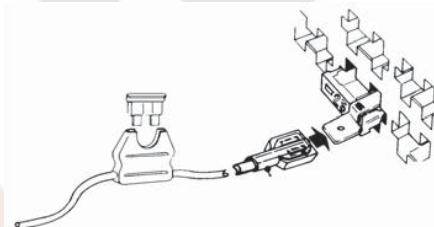
A quick, easy alternative to direct wiring when tapping the "hot side" of the fuse block. The blade type fuse tap is made of sturdy brass and is engineered for quick connect and disconnect of accessories such as C.B. radios, hand-held lights, etc.

UNIT PACKAGE: 25

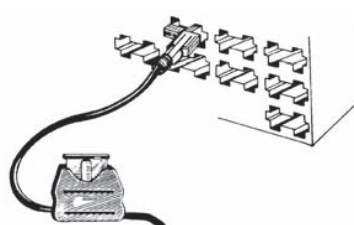
Installation can be completed in three steps:



1. Use a test probe to locate the "hot side" of the circuit in the fuse block. Then snap the tap over the corresponding "hot side" blade of the fuse. Insert the fuse into the fuse block.



2. Crimp one end of an in-line fuse holder (with the fuse installed) to a fully insulated nylon .250" female quick-connect terminal. Attach the other fuse holder lead to the accessory wire.



3. Complete the connection by sliding the female quick-connect terminal onto protruding tab of the tap.



17686

Mini Fuse Blade Type Fuse Tap

"Tapping" fuse blocks equipped with Mini® Fuses are no Problem!

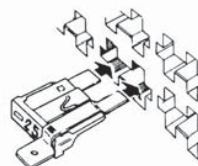
Now there's a quick, easy alternative to direct wiring for tapping the "hot side" of mini fuse style fuse blocks. The blade type fuse tap is made of .016" thick sturdy brass with a .187" (3/16") wide tab. It is engineered for quick connect and disconnect of accessories.

UNIT PACKAGE: 50

Installation can be complete in 3 steps:

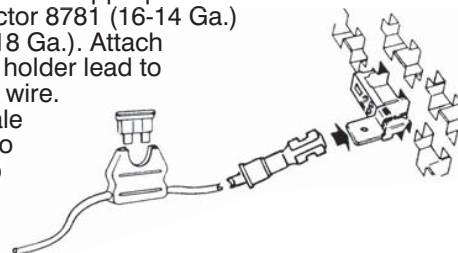


1. Locate "hot side" of circuit in fuse block with a test probe. Slide the tap onto corresponding "hot side" blade of fuse.



2. Insert the fuse into the fuse block

3. Crimp one end of an in-line fuse holder (with the fuse installed) to the appropriate Auveco female connector 8781 (16-14 Ga.) or 12159 (22-18 Ga.). Attach the other fuse holder lead to the accessory wire. Slide the female connector onto protruding tab of the tap.

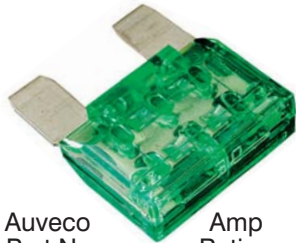


Sec. 12

**ATC®/ATO®
(Blade Type) Fuses**



Auveco Part No.		Amp Rating	Color
Unit Pkg. 5	Unit Pkg. 25		
12534	12548	3	Violet
12535	12549	4	Pink
12536	12550	5	Tan
12537	12551	7-1/2	Brown
12538	12552	10	Red
12539	12553	15	Blue
12540	12554	20	Yellow
12541	12555	25	White
12542	12556	30	Green



**Maxi™
Fuses**

Auveco Part No.	Amp Rating	Color	Unit Pkg.
15505	20	Yellow	2
15506	30	Green	2
15507	40	Orange	2
15508	50	Red	2
15509	60	Blue	2



**Low Profile
Mini Fuses**

Auveco Part No.	Amp Rating	Color	Unit Pkg.
21602	5	Tan	5
21603	7.5	Brown	5
21436	10	Red	5
21437	15	Blue	5
21166	20	Yellow	5
21438	25	Clear	5
21604	30	Green	5

Mega® Fuses



Auveco Part No.	Amp Rating	Unit Pkg.
21598	40	2
21599	60	2
21600	80	2
18986	100	2
18987	125	2
18988	150	2
18989	175	2
18990	200	2
22118	250	2
22119	300	2
22120	500	2

FUSES



**Glass Tube
Fuses**

Auveco Part No.	Size	Amp	Code	Unit Pkg.
18981	1/4" x 1-1/4"	2	AGC-2	5
17625	1/4" x 1-1/4"	3	AGC-3	5
17626	1/4" x 1-1/4"	5	AGC-5	10
17627	1/4" x 1-1/4"	7.5	AGC-7.5	10
12545	1/4" x 1-1/4"	10	AGC-10	5
12546	1/4" x 1-1/4"	15	AGC-15	5
18982	1/4" x 1-1/4"	20	AGC-20	5
12543	1/4" x 1-1/4"	20	SFE-20	5
18983	1/4" x 1-1/4"	25	AGC-25	5
12544	1/4" x 1-7/16"	30	SFE-30	5
12547	1/4" x 1-1/4"	30	AGC-30	5



Mini® Fuses

Auveco Part No.	Amp Rating	Color	Unit Pkg.
16351	2	Gray	5
16352	3	Purple	5
16353	4	Pink	5
16354	5	Tan	5
16355	7.5	Brown	5
16356	10	Red	5
16357	15	Blue	5
16358	20	Yellow	5
16359	25	White	5
16360	30	Green	5



**Micro Fuses
2 Blades**

Auveco Part No.	Amp Rating	Color	O.E.M No.	Unit Pkg.
21828	5	Tan	GM: 19209790	5
21829	7.5	Brown	GM: 19209791	5
21830	10	Red	GM: 19209792	5
21831	15	Blue	GM: 19209793	5
21832	20	Yellow	GM: 19209794	5
21833	25	Natural	GM: 19209795	5
21834	30	Green	GM: 19209796	5



**Micro Fuses
3 Blades**

Auveco Part No.	Amp Rating	Color	O.E.M No.	Unit Pkg.
21749	5	Tan	Ford: DG9Z-14526-N GM: 19209797	2
21750	7.5	Brown	Ford: DG9Z-14526-S GM: 19209798	2
21751	10	Red	Ford: DG9Z-14526-P GM: 19209799	2
21752	15	Blue	Ford: DG9Z-14526-R GM: 19119304	2

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Sec. 12

Use with butt connectors on pages 205-211 • *Photos not actual size*



9905

(Chry: 2496279; GM: 2973932;
AMC: 3509575; IHC: 374985C1)

Instrument Panel Socket for 5/8" Hole
Bulb No. 158, 194, 194A
GM, Chrysler, AMC & International

UNIT PACKAGE: 10



12237

(Chry: 3744750; GM: 12004311,
25015169; Ford: C80Z-13711A)

Instrument Panel Socket for 1/2" Hole
Bulb No. 158, 194, 194A
GM, Ford & Chrysler

UNIT PACKAGE: 2

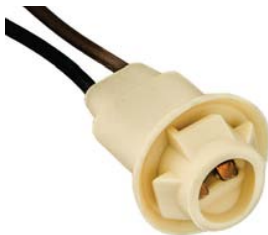


9883

(GM: 6298886,
6298892, 6298935;
Ford: D0DZ-15A434B)

Side Marker Assembly
Bulb No. 158, 194, 194A
GM & Ford

UNIT PACKAGE: 5



11441

Instrument Panel and
Marker Lights
Bulb No. 158, 194, 194A
GM & Ford

UNIT PACKAGE: 10



11166

(GM: 6294015, 8901283, 8918527;
Ford: D40Z-13410E,
D7AZ-13412A, D7FZ-13412A)

Side Marker and
License Plate Lights
Bulb No. 158, 194, 194A
GM & Ford

UNIT PACKAGE: 1

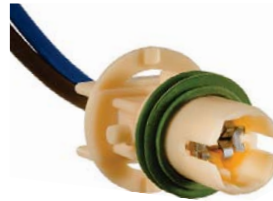


13540

(8912750)

Side Marker, License,
Parking & Tail Lights
Bulb No. 158, 194, 194A
GM

UNIT PACKAGE: 1



17108

(12083007)

Marker Light Pigtail
Bulb No. 24
GM 1988-On

UNIT PACKAGE: 1



18924

(12083460)

Rear Side Marker Lights
Bulb No. 158, 194, 194A
GM 1985-On

UNIT PACKAGE: 1

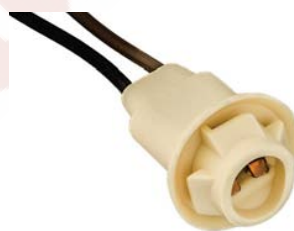


13549

(12001470)

Side Marker, License,
Tail & Stop Lights
Bulb No. 158, 194, 194A
GM

UNIT PACKAGE: 1



13558

(6298892, 6298886)

Side Marker Assembly
Bulb No. 158, 194, 194A
GM

UNIT PACKAGE: 1



8755

(2978302)

License Plate, Back-Up
& Instrument Panel Lights
For 1-1/8" Hole
Bulb No. 63, 67, 81, 87, 89, 93,
209, 1003, 1073, 1129, 1133 & 1141
GM

UNIT PACKAGE: 10



8759

Signal, Park, Stop
& Tail Lights
For 3/4" Hole
Bulb No. 198, 1016,
1034, 1154 & 1157
GM

UNIT PACKAGE: 5

Sec. 12

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



8756
(2974309)

Signal, Park, Stop & Tail Lights
For 1-1/8" Hole
Bulb No. 198, 1016, 1034, 1154 & 1157
GM

UNIT PACKAGE: 10



13544
(12003878, 8904251)

Back-up, Cornering
& Turn Signal
Bulb No. 1156
GM

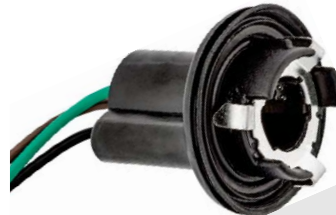
UNIT PACKAGE: 1



8754

Weatherproof Signal,
Park, Stop & Tail Lights
For 3/4" Hole
Bulb No. 198, 1016, 1034, 1154 & 1157
GM

UNIT PACKAGE: 5



11446
(8902487, 8903283,
8907701 & 8909908)

Stop & Tail Lights
Bulb No. 1157
GM

UNIT PACKAGE: 5



8750

(2974309, 2983540,
6299087 & 8912698)

Signal, Park, Stop & Tail Lights
Bulb No. 1034, 1154 & 1157
GM

UNIT PACKAGE: 5



11154
(8903202, 8914822)

Park, Stop & Tail Lights
Bulb No. 1034,
1154 & 1157
GM

UNIT PACKAGE: 1



11157

(AMC: 4486948;
GM: 2983540, 8912698;
6299087)

Signal, Park, Stop
& Tail Lights
Bulb No. 1034,
1154 & 1157
GM & AMC

UNIT PACKAGE: 1



11475

(8903202, 8914822)

Park, Stop & Tail Lights
Bulb No. 1034, 1154 & 1157
GM

UNIT PACKAGE: 5



11156

(GM: 5963268,
8904437, 8909518;
IHC: 57172C91)

Back-up & Cornering
Bulb No. 1156
GM & IHC

UNIT PACKAGE: 1



21006

(15306157)

White Shell, Natural Insert

Daytime Running Lights
& Turn Signal
Bulb No. 3156 & 4156
GM 1999 - On

UNIT PACKAGE: 1



11476

(8903203, 8914823)

Park, Stop & Tail Lights
Bulb No. 1157
GM

UNIT PACKAGE: 5



17175

(12076946)

Ivory Shell

Stop, Tail, Turn &
Parking Lights
Bulb No. 3057 & 3157
GM 1988-On

UNIT PACKAGE: 1

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

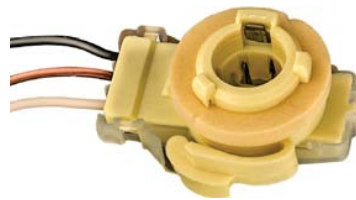
Sec. 12



13543
(8919916,12013813)

Park, Stop &
Tail Lights
Bulb No. 1157
GM

UNIT PACKAGE: 1



13546
(12003757)

Signal & Park Lights
Bulb No. 198 & 2057
GM

UNIT PACKAGE: 1



16585
(12083005)

Signal, Park, Stop & Tail Lights
Dual Filament Wedge Base
Bulb No. 3057
GM

UNIT PACKAGE: 1



17172
(12083680)
Black Shell

Stop, Tail, Turn
& Parking Lights
Bulb No. 3057 & 3157
GM: 1989-On

UNIT PACKAGE: 1



16586
(12083006)

Signal, Park, Stop &
Tail Lights
Dual Filament Wedge Base
Bulb No. 3057
GM

UNIT PACKAGE: 1



17173
(12083689)
Ivory Shell

Stop, Tail, Turn
& Parking Lights
Bulb No. 3057 & 3157
GM 1990-On

UNIT PACKAGE: 1



18923
(12027133)

Back-Up Lights
GM 1982-On

UNIT PACKAGE: 1



17174
(12085330)
Brown Shell

Back-Up Lights
Bulb No. 2456 & 3156
GM 1990-On

UNIT PACKAGE: 1



12600
(GM: 12003759;
AMC: 812893)

90° Pigtail &
Socket Assembly
Bulb No. 1016, 1034,
1154 & 1157
GM & AMC

UNIT PACKAGE: 1



14918
(12048369)

Headlight Socket Assembly
for High-Low 9004 & 9007
Halogen Bulb
GM, Ford & Imports

UNIT PACKAGE: 1



13545
(12003758)

Tail Lights
Single Contact
Bulb No. 87, 93 & 1156
GM

UNIT PACKAGE: 1



16174

Headlight Socket Assembly
For Low Beam 9006
Halogen Bulb
Single Indexing Groove
GM, Ford, AMC & Imports

UNIT PACKAGE: 4

Sec. 12

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



16175
(GM: 12101898)

Headlight Socket Assembly
For High Beam 9005
Halogen Bulb
Two Indexing Grooves
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



18867
(12101880)

Direct Ignition
Harness Connector
GM
1987-On

UNIT PACKAGE: 1



16967
(12101906)

Heater Blower connector
pigtail on GM 1985-On.
Can also be used as
an ATO/ATC Fuse Holder.
Features two 9" long 12 gauge
GXL wire leads.

UNIT PACKAGE: 1



18318
(12101857)

Air Divert Valve
Harness Connector
GM 1994-87

UNIT PACKAGE: 1



17114
(12085496)

Direct Ignition Throttle
Body Injection Pigtail
GM 1987-On

UNIT PACKAGE: 2



18320
(12101856)

Air Switch Valve
Harness Connector
GM 1993-91

UNIT PACKAGE: 1



17112

Not Supplied By O.E.M.
Distributor Module Pigtail
Used on GM distributor
module 1987466
on 6 cylinder 2.8 engines
1985-On

UNIT PACKAGE: 1



18524
(12085497)

MAP Mass Air Flow Sensor
Harness Connector
GM with 2.8 Eng &
Sequential Fuel Injection
1989-85

UNIT PACKAGE: 1



18916
(12085483)

Ignition Module, Crankshaft
Coolant Sensor & Power
Steering Pressure Switch
Harness Connector
GM 1986-On

UNIT PACKAGE: 1



18868
(12085495)

Mass Air Flow Sensor
Harness Connector
GM 1988-On

UNIT PACKAGE: 1



18870
(12101855)

Direct Ignition
Vehicle Speed Sensor
Harness Connector
GM
1987-On

UNIT PACKAGE: 1



16694

(12043215, 12085498)

Cornering & Fog Light Socket
for 881 & H11 Halogen Bulbs
GM

UNIT PACKAGE: 1

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



21490

(GM: 12102664, 88862264)
(Ford: 1U2Z-14S411-YA)

Fog & Front Lights, Power Steering & Oil Pressure Switch Harness Connector
GM 2005 - 1986
Ford 2004 - 1995
Jeep Eagle 1994

UNIT PACKAGE: 1



17110

(12102747)

Windshield Washer Pump, Low Coolant Sensor Harness Connector
GM Cars & Trucks 1992-87

UNIT PACKAGE: 1



17111

(12116958)

Horn Harness Connector
Fits Horns 1999160, 1999161, 10456327 and 10456328
GM 1988-On

UNIT PACKAGE: 1



21212

(88988609)

Window Motor Regulator Harness Connector
Two 12 Gauge
10" Long Leads
GM 1995 - On

UNIT PACKAGE: 1



16693

(12046624, 12102620)

Replacement harness connector used with 1985-on GM Manifold Air Temperature Sensors including 25036751. Features two 9" long 18 gauge wire leads.

UNIT PACKAGE: 1



18917

(12085538)

Camshaft Sensor Harness Connector
Buick, Olds & Pontiac
1992-86

UNIT PACKAGE: 1



18925

(25117765)

E.F.I. Fuel Pump Harness Connector
GM with Fuel Pump in Gas Tank 1995-88

UNIT PACKAGE: 1



19891

(Not Available from O.E.M.)

Windshield Wiper Motor Harness Connector
GM 1994 - 86

UNIT PACKAGE: 1



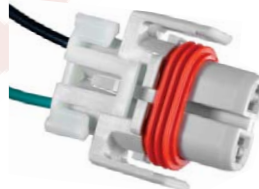
17109

(12085525, 12085527, 12085528, 12101895, 12117361)

3 Wire Alternator Harness Connector
Two 18 gauge and one 12 gauge leads
Can be used to replace two wire and single wire harness connectors by taping (do NOT cut) the appropriate unused leads.

GM 1986-On

UNIT PACKAGE: 1



21220

(GM: 88987187)

Headlight Socket Harness Connector for H9 Halogen Bulb (Auveco Bulb No. BH9)

GM, Audi, Mazda, Mini-Cooper, Porsche, Volkswagen & Volvo

UNIT PACKAGE: 1



17113

(12101937)

A.C. Compressor Clutch Harness Connector
GM Cars & APV 1989-On

UNIT PACKAGE: 1



16514

(12085503)

Replacement harness connector used on GM V-5 Air Conditioning Compressor Pressure Cut-off Switches. Fits GM low Pressure Switch 6551946 and others. Index slot is at three o'clock position. Features two 9" long 18 gauge wire leads

UNIT PACKAGE: 1

Sec. 12

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



18527
(12102748)

Throttle Position Sensor
Harness Connector
GM 1994-90

UNIT PACKAGE: 1



14580
(12102621)

Radiator Fan Sensor Switch
Harness Connector
Fits electric cooling fan switches:
3040674, 14043275 and 14043276
GM 1980-On

UNIT PACKAGE: 1



18674
(12126451)

Coolant Temperature
Sensor Harness Connector
Fits Sensor 10232601 & 25037203
GM 1987-On

UNIT PACKAGE: 1



17107
(12117385)

Oxygen Sensor
Connector Pigtail
Fits the Following Oxygen Sensors:
8990469 (AC-Delco AFS13P)
8990625 (AC-Delco AFS15P)
8990741 (AC-Delco AFS16P)
10042186 (AC-Delco 213-15)
25105107 (AC-Delco AFS20)
25105901 (AC-Delco AFS21)
25106073 (AC-Delco AFS22)
Most GM Models 1982-On

UNIT PACKAGE: 1



16962
(Not Supplied by O.E.M.)

Harness Connector used with GM
Mixture Control Solenoid Kits:
17067343, 17067344 and
17111102 on
2 & 4 barrel Rochester
Varajet Carburetors.
GM cars and trucks 1980-On

UNIT PACKAGE: 1



19882
(12085485)

Back-Up Light Switch &
Speed Sensor Harness Connector
Used with Switch 23049569,
PT107 & IACV Motor
GM 1971-On

UNIT PACKAGE: 1



16965
(12085507)
Gray

Air Conditioner Pressure
Switch Harness Connector
Used on GM vehicles
(28 models) 1988-84

UNIT PACKAGE: 1



17198
(Not Supplied by O.E.M.)

Throttle Position Sensor
Harness Connector
Fits Sensor 17078051,
17078448 & 17078481 on
2 & 4 Barrel Rochester Carburetors
GM 1990-80

UNIT PACKAGE: 1



16964
(12085502)
Green

Manifold Absolute Pressure
(MAP) Harness Connector.
Fits GM MAP Sensor 6137039
on GM vehicles (38 models)
1982-on

UNIT PACKAGE: 1



17199
(12085533)

Transmission
Converter Clutch
Harness Connector

3 Wires (Cavity "C" is not wired)
GM 1990-84

UNIT PACKAGE: 1

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



18918
(12085506)

Fuel Injection
Idle Air Control Valve,
Stoplight Switch & Torque
Converter Clutch Valve
Harness Connector
GM 1985 - On

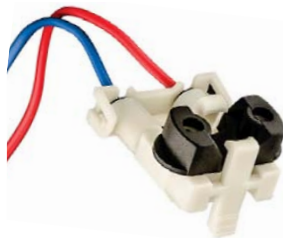
UNIT PACKAGE: 1



16968
(12085491)

Fuel Injector
Solenoid Harness Connector
Fits GM Multi-Port Fuel
Injector 1711799 on 2.8
and 3.1 liter engines
(27 models) 1986 - On
Fits Fuel Injectors on Ford,
Chrysler & Imports (Bosch)

UNIT PACKAGE: 1



17463
(12102568)

Fuel Injector Connector for
TBI (Throttle Body Injector)
Systems
All GM (Including
Trucks) 1978 - On

UNIT PACKAGE: 1



17690
(12101903)

Washer Fluid Sensor
Harness Connector
Also used on Back-Up
Light Switch & A.C. Compressor Switch
GM 1985-On

UNIT PACKAGE: 5



19556
(12117354)

Harness Connector
Brake Light Switch 25529862
GM: Camaro, Caprice,
Century, Firebird, Lumina APV,
K,S, & T Truck, Silhouette &
Trans Sport 1991 - On

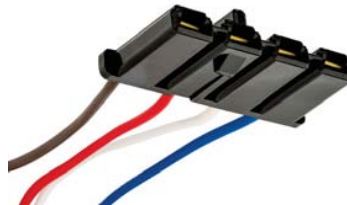
UNIT PACKAGE: 1



18525
(Not Supplied by O.E.M.)

Tail Light
Harness Connector
GM Full Size Pick-Up
Trucks 1995 - 88

UNIT PACKAGE: 1



11444

Voltage Regulator
Pigtail
GM

UNIT PACKAGE: 10



21033
(88953358)

Harness Connector
For Blower Motor Resistors 89019088, 89019089 &
89019100 and Various Relays, Switches & Actuators
8" Leads
GM Cars and Light & Medium Duty Trucks 1990 - On

UNIT PACKAGE: 1



21542
(GM: 88953358)

Harness Connector with Seven 12 Gauge, 12" Leads
For Blower Motor Resistors 89019088, 89019089 &
89019100 and Various Relays, Switches & Actuators
GM Cars and Light & Medium Duty Trucks 1990 - On

UNIT PACKAGE: 1



19554
(12101927)

Harness Connector Headlight
and Ignition Switches
15693540, 10471139,
1070881, 26693547 & 15693548
GM: Astro, Safari, C, K, S, T Trucks,
Kodiak & Grand Am 1990-On

UNIT PACKAGE: 1



11440
(GM: 2962510)

Air Conditioner Blower Relay
Harness Connector
18 Gauge Wire
GM, AMC & Chrysler

UNIT PACKAGE: 10

Sec. 12

GM SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



11443
(6294493)

Alternator Harness
Connector with
Transistorized Alternators
GM

UNIT PACKAGE: 10



19555
(12102757)

Harness Connector
Headlight Dimmer Switch
GM Most Models
1990-On

UNIT PACKAGE: 1



17691
(12101909)

Alternator Harness Connector
Two 16 Gauge Leads
Fits Delcotron Models
10-SI, 12-SI, 15-SI & 27-SI
with Internal Voltage Regulator
GM 1980-71

UNIT PACKAGE: 5



18871
(12101939)

Harness Connector for
Cooling Fan, Fuel Pump,
Starter Interrupt Relay &
Fan Control Switch
Cadillac 1988-On

UNIT PACKAGE: 1



11442
(2977373)

Alternator Harness
Connector with External
Voltage Regulators
GM 1977-62

UNIT PACKAGE: 10



18530

(Not Supplied by O.E.M)

Headlight Switch
Harness Connector
Fits Switch 1995217
GM 1991-68

UNIT PACKAGE: 1



13547
(2977373)

Alternator Extender
Harness Connector with
Female Connector
GM 1974-62

UNIT PACKAGE: 2



9884

(916638, 916581)
Plastic

Amber Lens
Front Fender Marker
Lamp Assembly
Use with Auveco 9883
GM

UNIT PACKAGE: 1



13548
(6294493)

Alternator Extender
Harness Connector with
Female Connector
GM 1971-On

UNIT PACKAGE: 2



9885

(916638, 916581)
Plastic

Clear Lens
Front Fender Marker
Lamp Assembly
Use with Auveco 9883
GM

UNIT PACKAGE: 1



11436

Dimmer Switch
Harness Connector
GM

UNIT PACKAGE: 10



9916

(916632)
Plastic

Red Lens
Rear Quarter Marker
Lamp Assembly
Use with Auveco 9883
GM

UNIT PACKAGE: 1

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12

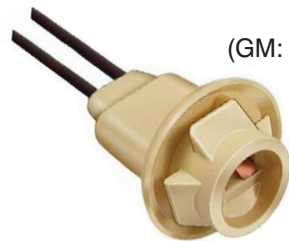


12237

(Chry: 3744750; GM: 12004311, 25015169; Ford: C80Z-13711A)

Instrument Panel Socket for 1/2" Hole
Bulb No. 194
GM, Ford & Chrysler

UNIT PACKAGE: 2

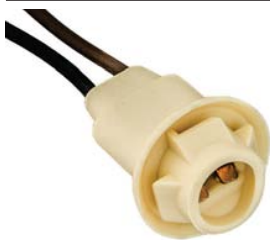


9883

(GM: 6298886, 6298892, 6298935; Ford: D0DZ-15A434B)

Side Marker Assembly
Bulb No. 158, 194, 194A
GM & Ford

UNIT PACKAGE: 5



11441

Instrument Panel and
Marker Lights
Bulb No. 158, 194, 194A
GM & Ford

UNIT PACKAGE: 10



11166

(GM: 6294015, 8901283, 8918527; Ford: D40Z-13410E, D7AZ-13412A, D7FZ-13412A)

Side Marker &
License Plate Lights
Bulb No. 158, 194, 194A
GM & Ford

UNIT PACKAGE: 1



8761

License Plate & Instrument
Panel Lights
For 5/8" Hole
Bulb No. 51, 53, 55, 57 & 57X
Ford

UNIT PACKAGE: 10



13537

(D1AZ-13410B)

Stop & Tail Lights
with one Ground Male
Blade Terminal
Bulb No. 1034, 1154 & 1157
Ford

UNIT PACKAGE: 1



13533

(D3AZ-13410B, D5DZ-13410A)

Rear Lights
Bulb No. 1157
Ford

UNIT PACKAGE: 1

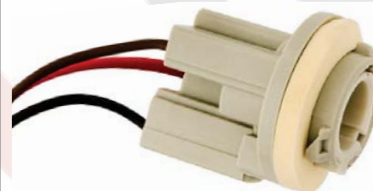


13535

(D3AZ-13410A)

Signal, Stop & Tail Lights
Bulb No. 1156
Ford

UNIT PACKAGE: 1



14133

(D4LY-13410-A)

Tail & Stop Lights
Bulb No. 1157
Ford

UNIT PACKAGE: 1



14131

(D3AZ-13410-E)

Back-up/Cornering Lights
Bulb No. 1141
Ford

UNIT PACKAGE: 1



14128

(D40Z-13234-A)

Signal & Parking Lights
Bulb No. 1157
Ford

UNIT PACKAGE: 1



14132

(D3AZ-13410-G)

Tail & Stop lights
Bulb No. 1157
Ford

UNIT PACKAGE: 1



14135

(D1FZ-13234-A)

Parking Lights
Bulb No. 1157
Ford

UNIT PACKAGE: 1

Sec. 12

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

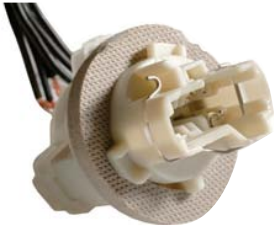
Use with butt connectors on pages 205-211 • *Photos not actual size*



14130
(D4ZZ-13234-A)

Signal & Parking Lights
Bulb No. 1157
Ford

UNIT PACKAGE: 1



20837
(Not Supplied by O.E.M.)

Stop & Tail Light
Three 20 Gauge
Wire Leads
Uses 2458, 3057 &
3157 Wedge Type Bulbs
Ford 1987 - On

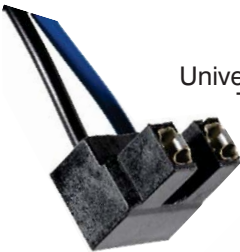
UNIT PACKAGE: 1



20848
(Not Supplied by O.E.M.)

Rear Light Assembly
Harness Connector
Four 18 Gauge Wire Leads
Ford F250 thru F750 without Pick Up Box 1999 - On

UNIT PACKAGE: 1



21210
(Not Available from O.E.M.)

Universal Headlight Harness Connector
Two 18 Gauge 6" Long Leads
For H7 Halogen Bulbs
Ford, Audi, BMW, Hyundai,
Kia, Mazda, Mercedes,
Mini Cooper, Saab & Subaru

UNIT PACKAGE: 1



16174

Headlight Socket Assembly
For Low Beam 9006
Halogen Bulb
Single Indexing Groove
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



16175
(GM: 12101898)

Headlight Socket Assembly
For High Beam 9005
Halogen Bulb
Two Indexing Grooves
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



21490
(GM: 12102664, 88862264)
(Ford: 1U2Z-14S411-YA)

Fog & Front Lights,
Power Steering & Oil Pressure
Switch Harness Connector
GM 2005 - 1986
Ford 2004 - 1995
Jeep Eagle 1994

UNIT PACKAGE: 1



14918
(12048369)

Headlight Socket Assembly
For High-Low 9004 &
9007 Halogen Bulb
GM, Ford & Imports

UNIT PACKAGE: 1

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Product is searchable by car make, OEM number and category, as well as, several attribute drop downs within individual categories. All product also has stock availability listed.

Make sure to head over to www.auveco.com to receive up to date information on all our products.



19890
(Not Available from O.E.M.)

Back-Up Light Switch
Harness Connector
Fits Switches
C9TZ-15520C & SW-849
Ford Trucks & T-Bird 1967-On

UNIT PACKAGE: 1



19125
(Not Supplied by O.E.M.)

Stop, Tail, Turn & Parking Lights
Plugs into Light Socket Base
For Double Filament
Wedge Type Bulbs
Ford Ranger, Explorer & Econoline
1991-On

UNIT PACKAGE: 1

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



22184

(Ford: F1TZ-13411-A;
GM: 88860592)

Park, Stop & Turn Signal
Lights Socket Base
Bulb No. 3157
Three Terminals
Black Housing
90° Angle Base

Use with Auveco 19125
Ford Cars &
Trucks 1994 - On

UNIT PACKAGE: 1



19126

(Not Supplied by O.E.M.)

Back-Up Lights Plugs into
Light Socket Base
For Single Filament
Wedge Type Bulbs
Ford Ranger, Explorer &
Econoline 1991-On

UNIT PACKAGE: 1

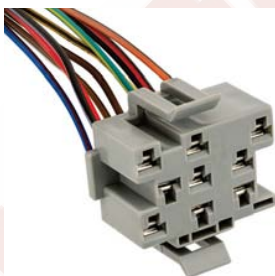


18463

(Not Supplied by O.E.M.)

Headlight Switch
Harness Connector
Fits Headlight Switches
E6DZ-11654A & F2DZ-11654A
Ford Taurus & Mercury Sable
with Rotary Knob 1994-86

UNIT PACKAGE: 1



17624

(Not Supplied by O.E.M.)

Headlight Switch Assembly
Harness Connector
Fits Instrument Panel
Headlight Switch
E7TZ-11654-C
Ford Trucks: F150, F250, F350
& Bronco 1991-87

UNIT PACKAGE: 1



18464

(Not Supplied by O.E.M.)

Turn Signal Switch
Harness Connector
Fits Switch E7FZ-13341-A
Ford Tempo, Topaz, EXP, LN7,
Capri, Mustang, LTD, Marquis,
Escort & Lynx 1994-85

UNIT PACKAGE: 1



20547

(Not Supplied by O.E.M.)

Multi-Function Switch
Harness Connector
Fits 13K359 Switches E8DZ-B,
E8ZZ-B, E9DZ-A,B,C, E90Y-D,
E9SZ-B,D,E & F0ZZ-A,B
Ford Taurus, Sable, T-Bird, Cougar
and Continental 1993 - 86

UNIT PACKAGE: 1



20548

(Not Supplied by O.E.M.)

Multi-Function Switch
Harness Connector
Fits 13K359 Switches E8DZ-B,
E8ZZ-B, E9DZ-A, B, C, E90Y-D,
E9SZ-B, D, E & F0ZZ-A, B
Ford Taurus, Sable, T-Bird, Cougar and
Continental 1993 - 86

UNIT PACKAGE: 1



20246

(Not Supplied by O.E.M.)

Multi-Function Switch
Repair Harness
Eleven 18 Gauge Leads
Aerostar, E Van, Expedition,
Mustang, Navigator, Sable,
Taurus & Windstar 1992 - On

UNIT PACKAGE: 1



20550

(Not Supplied by O.E.M.)

Multi-Function Switch
Harness Connector
Fits 13K359 Switches
F1AZ-A, B, F1DZ-B, F1LY-B,
F10Y-D, F1VY-C, F3TZ-B, F3UZ-C,
F4ZZ-AA, F58Z-A, F5AZ-A, F5TZ-B, F65Z-AA, F6DZ-A,
F75Z-AB,AC,BA, F77Z-AA, F79Z-CA & F85Z-AA
Ford Aerostar, Bronco, Continental, Cougar,
Expedition, Explorer, F Pick-Ups, Mark Series,
Mountaineer, Mustang, Navigator, Ranger, Sable,
T-Bird, Taurus, Town Car & Windstar 1990 - On

UNIT PACKAGE: 1



18673

(Not Supplied by O.E.M.)

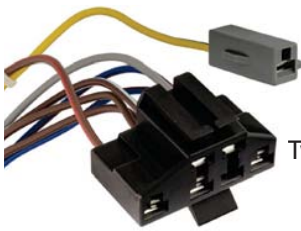
Multi-Function Switch
Harness Connector
(Turn Signal & Windshield Wiper)
Fits Switch E9DZ-13K359-A, B, C,
E8ZZ-13K359-B & F0ZZ-13K359-A
Ford Mustang 1993-87
Taurus & Sable 1989-86

UNIT PACKAGE: 1

Sec. 12

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



17623

(Not Supplied by O.E.M.)

EEC IV Test Plug
Repair Harness Connector
Two Connectors with eight 18
Gauge Leads
Ford 1983-On

UNIT PACKAGE: 1



19581

(Not Supplied by O.E.M.)

EEC IV Test Plug
Repair Harness Connector
One 18 Gauge Wire Lead
**Component of Auveco
17623 Harness Connector**
Ford 1983-On

UNIT PACKAGE: 5



19881

(Not Supplied by O.E.M.)

Ignition Switch
Harness Connector
Used with Switches
D0TZ-11572A, SW944
Ford Trucks: 100-900 Series
1970-On

UNIT PACKAGE: 1



20853

(Not Supplied by O.E.M.)

Ignition Coil
Harness Connector
Two 16 Gauge Wire Leads
Fits Coils F7TZ-12029-CC &
1L2Z-12029-AA
Ford Cars & Lt. Duty Trucks
1999 - On

UNIT PACKAGE: 1



20172

(Not Supplied by O.E.M.)

EEC Relay Harness Connector
Used with Relay E3AZ-12A646-A
Two 18 Gauge Wire Leads,
Two 16 Gauge Wire Leads &
One 14 Gauge Wire lead
Ford Cars & Trucks 1981-On

UNIT PACKAGE: 1



20844

(Not Supplied by O.E.M.)

Electronic
Ignition Module
Harness Connector
Four 16 Gauge Wire Leads
Fits Modules
F2PZ-12A199-AA, DY683
Ford 1975 - On

UNIT PACKAGE: 1



20841

(Not Supplied by O.E.M.)

Electronic
Ignition Module
Harness Connector
Four 18 Gauge Wire Leads
Fits Module F2PZ-12A199-AA, DY683
Ford Cars & Lt. Trucks 1985 - 75
700 Series & Larger 1991 - 75

UNIT PACKAGE: 1

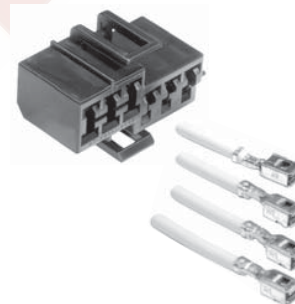


17684

(Not Supplied by O.E.M.)

Ignition Switch
Harness Connector
Fits Ignition Switch
E6FZ-11572A
Ford 1992-80

UNIT PACKAGE: 1



18676

(E6DZ-14A411-A)

Ignition Switch
Harness Connector
Fits Switch E7DZ-11572-A
Ford Taurus, Sable &
Lincoln Continental
1986-On

UNIT PACKAGE: 1



18214

(Not Supplied by O.E.M.)

Ignition Module
Harness Connector
Fits Ignition Module
E8TZ-12A297A
Ford Ranger: 1995-88

UNIT PACKAGE: 1

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

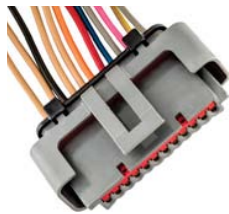
Sec. 12



18217
(E5ZZ-12A209A)

Ignition Module &
Neutral Safety Switch
Harness Connector
For E.E.C. IV Ignition 1995-83
Ford Neutral Safety Switch
E80Z-7A247-A 1988-On

UNIT PACKAGE: 1



19623
(Not Supplied by O.E.M.)

Ignition Control Module Harness
For Modules F1AZ,
F4SZ-12072A & F5SZ-12072AA
Wire Gauge: 5 of 18 & 7 of 16
8" Leads

Ford: Full Size Trucks & Vans, T-Bird,
Cougar Lincoln Town & Mark 1991 - On

UNIT PACKAGE: 1



17661
(Not Supplied by O.E.M.)

Electronic Ignition Coil
Harness Connector
Fits Coil E73Z-12029A
Ford 1986-On

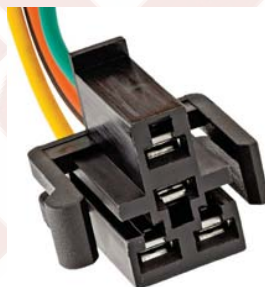
UNIT PACKAGE: 1



20839
(Not Supplied by O.E.M.)

Coil to Ignition
Harness Connector
Two 18 Gauge Wire Leads
Ford 1977 - On

UNIT PACKAGE: 10



17620
(Not Supplied by O.E.M.)

Air Conditioning Blower
Motor Resistor Assembly
Harness Connector
Fits Resistor Assembly
E7TZ-19A706-A
Ford Trucks 1983 - On

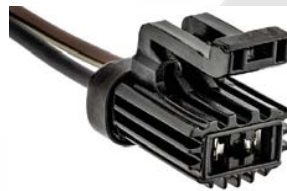
UNIT PACKAGE: 1



18819
(Not Supplied by O.E.M.)

Heater & Air Conditioner
Blower Switches
Harness Connector
Fits most Ford Switches with
Base Number 19986
1973-On

UNIT PACKAGE: 1



19582
(Not Supplied by O.E.M.)

Harness Connector for
Heater Blower Motor &
Radiator Cooling Fan Motor
Replaces Auveco 18213
Ford Truck & Vans 1986-82
Ford 4-Cylinder Engine
1979-On

UNIT PACKAGE: 5



19883
(Not Supplied by O.E.M.)

Blower Motor Switch
Harness Connector
Used with Switch
E83Z-19986A, YH-481
Tempo & Topaz 1994-88

UNIT PACKAGE: 1



19887
(Not Supplied by O.E.M.)

Auxiliary Blower Switch
Harness Connector
Fits Switch F2UZ-19986C, YH-538
Ford Vans E150/350 1992-On

UNIT PACKAGE: 1



20849
(Not Supplied by O.E.M.)

Blower Motor Switch
Harness Connector
Five 16 Gauge Wire Leads
Fits Switches D0HZ-19986-A, YH411
Ford Heavy Duty Trucks 1989 - 1968

UNIT PACKAGE: 1

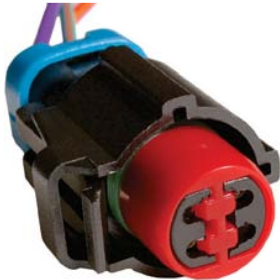
Sec. 12

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



17598
(Not Supplied by O.E.M.)
Air Conditioning Clutch
Cycling Pressure Switch
Harness Connector
Fits Switch E35Y-19E561-A
Ford 1980-On
UNIT PACKAGE: 1



20843
(F81Z-19D887-AA, WPT-169,
1U2Z-14S411-AEA)
A/C Clutch Cycling
Pressure Switch
Harness Connector
Four 16 Gauge Wire Leads
Fits Switches F5VY-19E561-A,
F3AZ-19D594-C,
F5TZ-19D594-AA & YH-592
Ford 1990 - On
UNIT PACKAGE: 1



17617
(Not Supplied by O.E.M.)
Gray
Engine Cooling Fan
Motor Switch
Harness Connector
Fits Switch E43Z-8B607-A
Ford 1984-On
UNIT PACKAGE: 1



17618
(Not Supplied by O.E.M.)
Black
Engine Cooling Fan
Motor Switch
Harness Connector
Fits Switches E5SZ-8B607-A &
E4FZ-8B607-A
Ford 1984-On
UNIT PACKAGE: 1



19661
(Not Supplied by O.E.M.)
Blower Motor Resistor
Harness Connector
Fits Resistors F1CZ-19A706-A
& F7CZ-19A706-AA
One Connector has one each of
8" Long 20 Gauge, 16 Gauge, 14
Gauge & 12 Gauge GXL Wire Leads.
The other Connector has one 8" Long
12 Gauge GXL Wire Lead.
Ford Escort & Tracer 1991-On
UNIT PACKAGE: 1



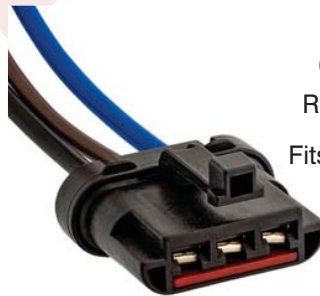
22185
(Ford: 1U2Z-14S411-BHA,
WPT-153)
Blower Motor Resistor
Harness Connector
Two 10 Gauge &
Three 20 Gauge
TXL Wire Leads
Ford, Lincoln &
Mercury 2011 - 1991
UNIT PACKAGE: 1



20277
(Not Supplied by O.E.M.)
Heater/Air Conditioner
Fan Speed Switch
Harness Connector
Two 12 Gauge, one 14 Gauge &
One 16 Gauge Leads
Fits Switches E6DZ-A, E9SZ-A,
F2DZ-A & F2UZ-19986A,B
Ford Cougar, E Van, Mustang, Sable,
Taurus & T-Bird 1986 - On
UNIT PACKAGE: 1



20852
(Not Supplied by O.E.M.)
Radiator Cooling
Motor & Resistor
Harness Connector
Two 12 Gauge Leads
For Resistor F5RZ-8L603-AC &
Motors F8RZ-8C607-GC, GE, RF28, RF76 & RF81
Ford Contour, Mystique & Cougar 1995 - On
UNIT PACKAGE: 1



20549
(Not Supplied by O.E.M.)
Radiator Cooling Fan Motor
Harness Connector
Fits Fan & Shroud Assemblies
F4DZ-8C607B &
F5CA-8C607A
Ford Contour, Continental,
Escort, Mystique,
Sable & Taurus 1997 - 90
UNIT PACKAGE: 1



17619
(E4FZ-8C290-A)
Engine Cooling Fan
Harness Connector
Wiring Kit
Ford 4 Cylinder
(2.3 Engine)
with Air Conditioning
1983-On
UNIT PACKAGE: 1

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



17683

(Not Supplied by O.E.M.)

Coolant Temperature Sensor
Harness Connector
Fits Sensor E1AZ-12A648A
Ford 1981-On

UNIT PACKAGE: 1



17621

(Not Supplied by O.E.M.)

Windshield Washer
Pump Harness Connector
Fits Pumps E0AZ-17664-A
& E30Z-17664-A
Ford 1968 - On

UNIT PACKAGE: 1

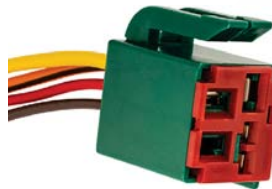


18216

(Not Supplied by O.E.M.)
Gray Shell

Exhaust Oxygen Sensor
Harness Connector
Fits Sensors F0TZ-9F472-A & C,
F09Z-9F472-A & C,
F1SZ-9F472-A & F1UZ-9F472-C
Ford 1995-89

UNIT PACKAGE: 1



17622

(Not Supplied by O.E.M.)

Fuel Pump Relay Assembly
Harness Connector
Fits Relay Assembly
E3FZ-9345-B
Ford 1983 - On

UNIT PACKAGE: 1



18215

(Not Supplied by O.E.M.)
Black Shell

Exhaust Oxygen Sensor
Harness Connector
Fits Sensors
F0SZ-9F472-A & B,
F0TZ-9F472-B & E,
F02Z-9F472-C &
F03Z-9F472-A
Ford 1995-89

UNIT PACKAGE: 1



20842

(Not Supplied by O.E.M.)

Fuel Injectors
Harness Connector
One 16 Gauge &
One 18 Gauge Wire Leads
with Oval Injector Connectors
Ford 1999 - On

UNIT PACKAGE: 1



19889

(Not Supplied by O.E.M.)

Exhaust Oxygen Sensor
Harness Connector
Used with 3 Wire O2 Sensors
(Base No. 9F472)
Ford 1986-On

UNIT PACKAGE: 1

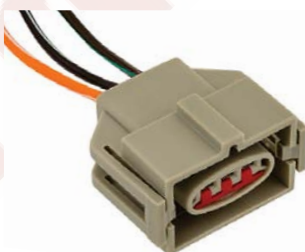


16968

(12085491)

Fuel Injector
Solenoid Harness Connector
Fits GM Multi-Port Fuel
Injector 1711799 on 2.8
and 3.1 liter engines
(27 models) 1986 - On
Fits Fuel Injectors on Ford,
Chrysler & Imports (Bosch)

UNIT PACKAGE: 1



17662

(Not Supplied by O.E.M.)

EGR Sensor
Harness Connector
Fits Sensor E6AZ-9J460-A
Ford Escort, Lynx, Sable &
Taurus 1988 - On

UNIT PACKAGE: 1



18671

(Not Supplied by O.E.M.)

Air Conditioner
Clutch Field Coil
Harness Connector
Ford

UNIT PACKAGE: 10



19156

(Not Supplied by O.E.M.)

Alternator Regulator &
Air Conditioner Clutch Field
Harness Connector
Ford 1994-On

UNIT PACKAGE: 10

Sec. 12

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



20846

(F4VY-14A411-S)

Starter Solenoid
In-line Repair
Harness Connector
12 Gauge Wire Lead
Ford & Lincoln Town Car
1997 - 91

UNIT PACKAGE: 1



20845

(Not Supplied by O.E.M.)

Cam Shaft &
Crank Shaft Sensors
Harness Connector
Two 18 Gauge Leads
Fits Sensors F0CZ-6B288-A,
F1AZ-6B288-A, F1AZ-6C315-A
& XC3Z-6B288-AA
Ford 1991 - On

UNIT PACKAGE: 1



19076

(Not Supplied by O.E.M.)

Master Cylinder,
Door Jamb Switch
& Power Mirror
Harness Connector
Ford 1987-On

UNIT PACKAGE: 1



19880

(Not Supplied by O.E.M.)

Transmission Gear Shift
Position Sensor
Harness Connector
Eight Wire Leads
Used with Switch F5TZ-7A247
on Ford Trucks with E 4 OD Transmission,
RWD 1989-84 and E, F & U Series 1989-On

UNIT PACKAGE: 1



19157

(Not Supplied by O.E.M.)

Variable Speed Sensor
Harness Connector
For Speed Sensors with
Ford Base No. 9E731
Ford 1993-On

UNIT PACKAGE: 1



19004

(F2PZ-14A464C,
F4UB-14A464A)

Transmission MLP Sensor
Harness Connector
E150/350, F250/350 &
U150 (Bronco)
1990-On

UNIT PACKAGE: 1



19813

(D1AZ-13410-A)

Power Brake
Harness Connector
Ford 1965-On

UNIT PACKAGE: 10



20840

(Not Supplied by O.E.M.)

Glow Plug Pass thru
at Valve Cover Gasket
Harness Connector
Two 16 Gauge & Three 18 Gauge Wire Leads
Ford E350, F250-F550SD
& Excursion 7.3 Diesel 1996 - On

UNIT PACKAGE: 1

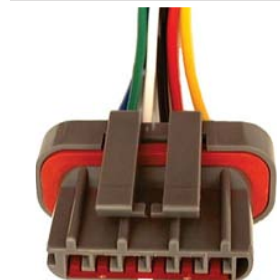


20561

(Not Supplied by O.E.M.)

Brake Light Switch
Harness Connector
Fits Switches YF1Z-13480-AA
& YF1Z-13480BA
Ford, Lincoln
& Mercury 2000 - On
Ford Explorer & Mercury
Mountaineer 1999 - 98

UNIT PACKAGE: 1



19885

(F4PZ-14A411C)

Windshield Wiper Motor
Harness Connector
For New Single Connector
Replacement Motors
(6 Positions)
Ford 1987-On

UNIT PACKAGE: 1

FORD SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



18668

(Not Supplied by O.E.M.)

In-Tank Fuel Pump
&
Sending Unit
Connector
Ford 1985 - On

UNIT PACKAGE: 5



17659

(Not Supplied by O.E.M.)

Voltage Regulator Plug
Harness Connector
Sable, Taurus, Tempo
& Topaz with
Internal Voltage Regulator
1986 - On

UNIT PACKAGE: 1



11445

Voltage Regulator
Harness Connector
Ford

UNIT PACKAGE: 10



20850

(Not Supplied by O.E.M.)

Voltage Regulator
Harness Connector
Four 14 Gauge & two 18 Gauge Wire Leads
Fits Voltage Regulator F0PZ-10316-A
Ford 1975 - On

UNIT PACKAGE: 10



18218

(Not Supplied by O.E.M.)

Alternator Harness Connector
Ford Aerostar, Tempo, Topaz,
Taurus & Sable with
6 Cylinder Engine & 75 Amp
Alternator 1989-On
4 Cylinder Engine 1985-On

UNIT PACKAGE: 1



20851

(1U2Z-14S411-TA, WPT118)

Alternator Harness Connector
Three 14 Gauge
Wire Leads
Ford 1996 - On

UNIT PACKAGE: 1

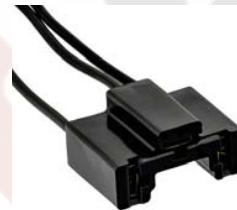


20838

(Not Supplied by O.E.M.)

Alternator Harness Connector
Two 16 Gauge Wire Leads
100 Amp Alternator
Ford 1990 - 75

UNIT PACKAGE: 10



11437

Dimmer Switch
Harness Connector
Ford & Chrysler

UNIT PACKAGE: 10



13644

Right Angle Pigtail
General Purpose
11-1/2" Wire Lead for .160 Stud
Ford

UNIT PACKAGE: 10

"428" DISPLAY BOARDS

428 of the most popular body hardware and fastener items are shrink-wrapped onto seven different boards. Each board contains product groups, body shops are familiar with and use often.

The back of each board contains each part number, unit package quantity, OEM number and size specification. The backs are protected by a clear plastic liner.

Learn more about the display boards at the front of the catalog, online at www.auveco.com or contact customer service at 1-800-354-9816 or mail@auveco.com

Sec. 12

CHRYSLER SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*



12237

(Chry: 3744750; GM: 12004311, 25015169; Ford: C80Z-13711A)

Instrument Panel Socket for 1/2" Hole
Bulb No. 158, 194, 194A
GM, Ford & Chrysler

UNIT PACKAGE: 2



9905

(Chry: 2496279; GM: 2973932; AMC: 3509575; IHC: 374985C1)

Instrument Panel Socket
For 5/8" Hole
Bulb No. 194
GM, Chrysler, AMC & International

UNIT PACKAGE: 10



13541
(3588314)

Side Marker Assembly
Bulb No. 194, 194A
Chrysler

UNIT PACKAGE: 2



13542

(3513686, 4055028)

Side Marker Assembly
Bulb No. 194, 194A
Chrysler

UNIT PACKAGE: 2



12598

(3764865, 3843245, 4124721, 4163003)

Single Contact
with Ground
Bulb No. 87, 93,
1073, 1141 & 1156
Chrysler

UNIT PACKAGE: 1



12599
(3764863)

Double Contact with Ground
Bulb No. 1034, 1154 & 1157
Chrysler

UNIT PACKAGE: 1



13233
(3843432)

Signal & Park Lights
Bulb No. 198, 1016, 1034,
1154 & 1157
Chrysler

UNIT PACKAGE: 1



20389

(Not Supplied by O.E.M.)

Signal, Stop, Tail &
Turn Lights
Bulb No. 1157
Chrysler including Trucks
1992 - 89

UNIT PACKAGE: 1



12600

(GM: 12003759;
AMC: 812893)

90° Pigtail &
Socket Assembly
Bulb No. 1016, 1034,
1154 & 1157
GM & AMC

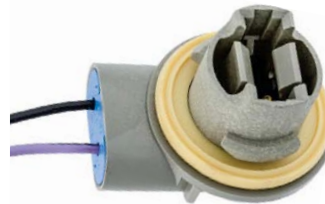
UNIT PACKAGE: 1



18921
(4636360)

Signal, Park &
Back-Up Lights
Chrysler 1993-88

UNIT PACKAGE: 1



18920
(4636362)

Back-Up Lights
Chrysler 1990-On

UNIT PACKAGE: 1



11157

(AMC: 4486948;
GM: 8912698, 6299087)

Signal, Park, Stop &
Tail Lights
Bulb No. 1034,
1154 & 1157
GM & AMC

UNIT PACKAGE: 1

CHRYSLER SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



16174

Headlight Socket Assembly
For Low Beam 9006
Halogen Bulb
Single Indexing Groove
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



11438

Temperature Sending Unit
Harness Connector
GM
Voltage Regulator
Harness Connector
Chrysler

UNIT PACKAGE: 10



16175

(GM: 12101898)

Headlight Socket Assembly
For High Beam 9005
Halogen Bulb
Two Indexing Grooves
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



11440

(GM: 2962510)

Air Conditioner
Blower Relay
Harness Connector
18 Gauge Wire
GM, AMC & Chrysler

UNIT PACKAGE: 10



21490

(GM: 12102664, 88862264
Ford: 1U2Z-14S411-YA)

Fog & Front Lights, Power
Steering & Oil Pressure Switch
Harness Connector
GM 2005 - 1986
Ford 2004 - 1995
Jeep Eagle 1994

UNIT PACKAGE: 1



16968

(12085491)

Fuel Injector
Solenoid Harness Connector
Fits GM Multi-Port Fuel
Injector 1711799 on 2.8
and 3.1 liter engines
(27 models) 1986 - On
Fits Fuel Injectors on Ford,
Chrysler & Imports (Bosch)

UNIT PACKAGE: 1



11437

Dimmer Switch
Harness Connector
Ford & Chrysler

UNIT PACKAGE: 10

**HOT
NEW ITEMS**

Auveco releases new items every other week. Our Hot New Items bulletins can keep you up to date on all new product.

**To receive these bulletins please contact customer service:
mail@auveco.com or 1-800-354-9816**

We also have all previous and current bulletins posted on www.auveco.com.

Sec. 12

IMPORT CAR HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

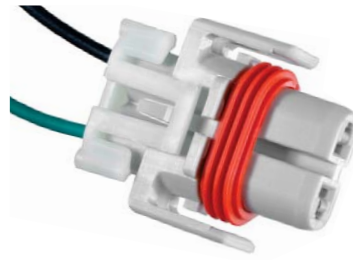


21210

(Not Supplied by O.E.M.)

Universal Headlight Harness Connector
For H7 Halogen Bulbs
Two 18 Gauge 6" Long Leads
Ford, Audi, BMW, Hyundai,
Kia, Mazda, Mercedes, Mini
Cooper, Saab & Subaru

UNIT PACKAGE: 1



21220

(GM: 88987187)

Headlight Socket
Assembly
For H9 Halogen Bulb
GM, Audi, Mazda,
Mini-Cooper, Porsche,
Volkswagen & Volvo

UNIT PACKAGE: 1



16174

Headlight Socket Assembly
For Low Beam 9006
Halogen Bulb
Single Indexing Groove
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



14918

(12048369)

Headlight Socket
Assembly
For High-Low 9004 &
9007 Halogen Bulb
GM, Ford & Imports

UNIT PACKAGE: 1



16175

(GM: 12101898)

Headlight Socket Assembly
For High Beam 9005
Halogen Bulb
Two Indexing Grooves
GM, Ford, AMC & Imports

UNIT PACKAGE: 4



16968

(12085491)

Fuel Injector
Solenoid Harness Connector
Fits GM Multi-Port Fuel
Injector 1711799 on 2.8
and 3.1 liter engines
(27 models) 1986 - On
Fits Fuel Injectors on Ford,
Chrysler & Imports (Bosch)

UNIT PACKAGE: 1

UNIVERSAL SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 139-147 • *Photos not actual size*



5219

Pigtail Connector
Single Small Wire
Lead - 12" Long
For Sockets Housing
Miniature Lights

UNIT PACKAGE: 10



5221

Pigtail Connector
Double Wire
Lead - 12" Long
Aligned Ears
For Sockets Housing
Double Contact Lights

UNIT PACKAGE: 10



5220

Pigtail Connector
Single Large Wire
Lead - 12" Long
For Sockets Housing
Single Contact Lights

UNIT PACKAGE: 10



8763

(13235-A)

Weatherproof Covered Neoprene
Signal, Park, Stop & Tail Lights
Bulb No. 198, 1016, 1034,
1154 & 1157

UNIT PACKAGE: 10

UNIVERSAL SOCKET ASSEMBLY & HARNESS CONNECTORS

Use with butt connectors on pages 205-211 • *Photos not actual size*

Sec. 12



8764

Single Contact License Plate Lights
For 7/8"-1-1/8" Holes
Bulb No. 63, 67, 87, 89, 93, 97, 209,
1003, 1073, 1129, 1133, 1141 & 1156

UNIT PACKAGE: 5



5226

Universal Signal, Park,
Stop & Tail Lights
For 7/8" to 1-1/8" Hole
Bulb No. 198, 1016,
1034, 1154 & 1157

UNIT PACKAGE: 10



5225

Pigtail Connector
Three Wire Sealed Beam
12" Long - Molded

UNIT PACKAGE: 10



13554

Shielded License/Utility Light
Sealed Socket Assembly
with Chrome Plastic Shield
14" Sealed Plastic Boot
28" Lead with Male Spade Terminal
Bulb Included-Mounts in 1-1/4" Hole

UNIT PACKAGE: 1



11439

Headlight & Flasher
For all cars using 3 prong
sealed Headlight Bulbs 4002,
3, 5, 5040, 2, 5400, 2,
40, 421, 6006, 12 & 13
Also fits 2 & 3 Prong Flashers

UNIT PACKAGE: 10



16968

(12085491)

Fuel Injector
Solenoid Harness Connector
Fits GM Multi-Port Fuel
Injector 1711799 on 2.8
and 3.1 liter engines
(27 models) 1986 - On
Fits Fuel Injectors on Ford,
Chrysler & Imports (Bosch)

UNIT PACKAGE: 1



13559

Headlight & Flasher
For all cars using 2 prong
Sealed Headlight
Bulb No. 4001

UNIT PACKAGE: 3



16966

Three terminal Flasher connector pigtail
designed specifically for heavy duty
thermal and electronic flashers with
variable and fixed loads - single
and alternating flash patterns.
Features three 10" long 14
gauge GXL wire leads.

UNIT PACKAGE: 2



9901

Pigtail Connector
Single Wire Lead

16 Gauge - 12" Long

Receptacle for use wherever there is a
junction of two or more wires; such as behind an
instrument panel or in an engine compartment.

Use with Auveco 9900

UNIT PACKAGE: 20



9900

Pigtail Connector
Single Wire Lead

16 Gauge - 12" Long

Snap plug for use wherever there is a
junction of two or more wires; such as behind an
instrument panel or in an engine compartment.

Use with Auveco 9901

UNIT PACKAGE: 20



8770

2 Way Harness Connector
7-1/2" Leads - 18 Gauge

For Automotive, Truck and Marine
Use where a double harness is required
Also used on Trailers and Farm Implements

UNIT PACKAGE: 5



8768

3-Way Harness Connector
7-1/2" Leads

Color Coded Wire Automotive
For Truck and Marine
Use where a Triple Harness is required
Use with Auveco 8769

UNIT PACKAGE: 5

Sec. 12

UNIVERSAL SOCKET ASSEMBLY & HARNESS CONNECTORS

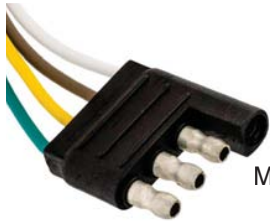
Use with butt connectors on pages 205-211 • *Photos not actual size*



8769

3-Way Harness Connector
7-1/2" Leads
Color Coded Wire
For Automotive, Truck and Marine
Use where a Triple Harness is required
Use with Auveco 8768

UNIT PACKAGE: 5



10222

4 Way Harness Connector
12" Leads - 18 Gauge
For Automotive, Truck, Trailer,
Marine and Farm Implement Use
Use with Auveco 10223

UNIT PACKAGE: 5



10223

4 Way Harness Connector
12" Leads - 18 Gauge
For Automotive, Truck, Trailer,
Marine and Farm Implement Use
Use with Auveco 10222

UNIT PACKAGE: 5



10782

4 Way Harness Connector
48" Wire Leads - 18 Gauge
For Automotive, Truck, Trailer,
Marine and Farm Implement Use
Use with Auveco 10783

UNIT PACKAGE: 2



10783

4 Way Harness Connector
48" Wire Leads - 18 Gauge
For Automotive, Truck, Trailer,
Marine and Farm Implement Use
Use with Auveco 10782

UNIT PACKAGE: 2



11434

Six Way Trailer Connector
6 Color Coded Wire Leads
For Trailer Application (Male)
Use with Auveco 11435

UNIT PACKAGE: 5



11435

Six Way Trailer Connector
6 Color Coded Wire leads
For Trailer Application
(Female)
Use with Auveco 11434

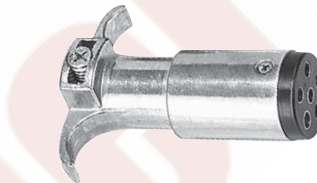
UNIT PACKAGE: 5



13634

Complete 4-Way Trailer Connector
Polarized four prong
Chrome plated die cast housing
2-hole flange mounting
1-13/16" on centers
Mounting bracket available

UNIT PACKAGE: 1 Set



13639

6-Way Trailer
Connector Plug

UNIT PACKAGE: 1



13636

Complete 6-Way Trailer Connector
Assembly consists of
13639 plug and 13640 socket.
Specifically designed for
Recreational Vehicles
Die cast plug housing is
chrome plated and socket is a
one piece plastic molded unit
complete with plated spring
loaded cover and a special
moisture and dust-proof boot.

UNIT PACKAGE: 1 Set



13643

Universal Bracket
For use with 13634 and
13640 trailer connectors.
Designed to fit under
trailer high ball
Heavy gauge zinc plated steel

UNIT PACKAGE: 2

Sec. 12

MINIATURE BULBS

Wagner Miniature Bulbs • *Photos not actual size*



Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.
16899	1	1157	10
16901	1	1157NA	10
16902	2	194	10
16904	3	1156	10
16905	4	67	10
16906	4	1895	10
16907	1	2057	10
16908	1	2057NA	10
16909	5	1893	10
16910	4	57	10
16911	4	89	10
16912	4	97	10
16913	6	211-2	10
16914	4	53	10
16915	7	3057	10
16916	7	3057NA	10
16917	7	3157	10
16918	3	1003	10
16919	5	1816	10
16920	17	1004	10
16921	2	168	10
16922	10	906	10
16923	3	1141	10
16924	1	198	10
16925	1	1034	10
16926	3	93	10
16927	8	PR2	10
17597	3	1156NA	10
17994	9	13050	10
17995	9	12100	10
17996	18	3156	10
17997	18	3155	10

Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.
17998	3	2396	10
17999	1	2357	10
18000	1	2357NA	10
18001	7	3157NA	10
18002	5	1891	10
18003	5	1889	10
18004	3	1073	10
18005	10	921	10
18006	10	916	10
18007	10	916NA	10
18008	10	912	10
18010	11	561	10
18011	6	212-2	10
18012	2	194NA	10
18013	2	193	10
18014	2	158	10
18015	12	90	10
18016	2	74	10
18017	13	24	10
18018	13	24NA	10
18465	2	37	10
18466	3	199	10
18467	4	293	10
18468	4	631	10
18469	17	1076	10
18470	4	1155	10

A - Amber (Darker)
 LL - Long Life
 NA - Natural Amber (Lighter)
 SA - Special Application

Continued on next page

Sec. 12

MINIATURE BULBS

Wagner Miniature Bulbs • *Photos not actual size*



Type 1



Type 2



Type 3



Type 4



Type 5



Type 7



Type 9



Type 10



Type 11



Type 12



Type 14



Type 15



Type 16



Type 18



Type 19



Type 20



Type 21

Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.
18472	4	1445	10
18473	14	1449	10
18474	5	1815	10
18475	18	3156NA	10
18476	7	3157NA-SA	10
18477	15	3357	10
18478	15	3357NA	10
18479	15	3157SA	10
19206	16	7440	2
19207	16	7443	2
19208	3	1295NA	10
20282	4	55	10
20283	4	63	10
20284	2	73	10
20285	2	161	10
20286	2	192	10
20287	19	222	10
20289	11	562	10
20291	10	904	10
20292	12	68	10
20294	10	922	10

Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.
20295	1	1638	10
20296	20	3496	10
20298	2	3652	10
20299	9	11005	10
20300	9	11006	10
20585	1	1176	10
20587	7	3457	10
20588	7	3457NA	10
20589	5	17131	10
20590	21	17171	10
20591	2	17177	10
20593	1	17916	10
20620	7	4157LL	2
20621	7	4157NALL	2
20681	1	1142	10
20859	7	3757NALL	2

A - Amber (Darker)
 LL - Long Life
 NA - Natural Amber (Lighter)
 SA - Special Application

WAGNER HALOGEN LIGHT BULBS

Photos not actual size

Sec. 12



16896

9004/HB1 Bulb
High-Low Beam in Single Headlight
Assemblies
Volts: 12-18
Watts: 25-65

Use with Auveco Socket 14918

UNIT PACKAGE: 1



18662

9007/HB5 Bulb
High-Low Beam
Volts: 12.8
Watts: 55-65

Use with Auveco Socket 14918

UNIT PACKAGE: 1



16897

9005/HB3 Bulb
High Beam in Dual Headlight Assemblies
Volts: 12.8
Watts: 65

Use with Auveco Socket 16175

UNIT PACKAGE: 1



16898

9006/HB4 Bulb
Low Beam in Dual Headlight Assemblies
Volts: 12.8
Watts: 55

Use with Auveco Socket 16174

UNIT PACKAGE: 1



20683

886 Bulb

UNIT PACKAGE: 1



20595

881 Bulb

UNIT PACKAGE: 1



18661

9003/HB2 Bulb
High-Low Beam
Volts: 12.0
Watts: 55-60

Use with Auveco Socket 5225

UNIT PACKAGE: 1



20601

1260/H4 Bulb

UNIT PACKAGE: 1



20596

885 Bulb

UNIT PACKAGE: 1



20599

893 Bulb

UNIT PACKAGE: 1



19209

2040 Bulb
Center Grille
Mercury Sable and Villager

UNIT PACKAGE: 1



20598

891 Bulb

UNIT PACKAGE: 1



20600

1255/H3 Bulb

UNIT PACKAGE: 1

Sec. 12

**BULB NUMBER TO
AUVECO'S WAGNER BULB NUMBER**

Bulb No.	Auveco No.	Bulb No.	Auveco No.	Bulb No.	Auveco No.
H3	20600	881	20595	2057NA	16908
H4	20601	885	20596	2357	17999
HB1	16896	886	20683	2357NA	18000
HB2	18661	891	20598	2396	17998
HB3	16897	893	20599	3057	16915
HB4	16898	904	20291	3057NA	16916
HB5	18662	906	16922	3155	17997
PR2	16927	912	18008	3156	17996
24	18017	916	18006	3156NA	18475
24NA	18018	916NA	18007	3157	16917
37	18465	921	18005	3157NA	18001
53	16914	922	20294	3157NA-SA	18476
55	20282	1003	16918	3157SA	18479
57	16910	1004	16920	3357	18477
63	20283	1034	16925	3357NA	18478
67	16905	1073	18004	3457	20587
68	20292	1076	18469	3457NA	20588
73	20284	1141	16923	3496	20296
74	18016	1142	20681	3652	20298
89	16911	1155	18470	3757NALL	20859
90	18015	1156	16904	4157LL	20620
93	16926	1156NA	17597	4157NALL	20621
97	16912	1157	16899	7440	19206
158	18014	1157NA	16901	7443	19207
161	20285	1176	20585	9003/HB2	18661
168	16921	1255/H3	20600	9004/HB1	16896
192	20286	1260/H4	20601	9005/HB3	16897
193	18013	1295NA	19208	9006/HB4	16898
194	16902	1445	18472	9007/HB5	18662
194NA	18012	1449	18473	11005	20299
198	16924	1638	20295	11006	20300
199	18466	1815	18474	12100	17995
211-2	16913	1816	16919	13050	17994
212-2	18011	1889	18003	17131	20589
222	20287	1891	18002	17171	20590
293	18467	1893	16909	17177	20591
561	18010	1895	16906	17916	20593
562	20289	2040	19209		
631	18468	2057	16907		

**Halogen Bulb Industry Standard Number to
Auveco Harness Connector Number**

Halogen Bulb No.	Auveco Harness No.	Halogen Bulb No.	Auveco Harness No.	Halogen Bulb No.	Auveco Harness No.
880	21490	898	16694	H8	16694
881	16694	899	21490	H9	21220
884	21490	9003	11439	H10	16175
885	21490	9004	14918	H11	16694
886	16694	9005	16175	H12	16175
889	16694	9006	16174	HB1	14918
890	21490	9007	14918	HB2	11439
892	21490	9055	16175	HB3	16175
893	21490	H4	11439	HB4	16174
894	16694	H7	21210		
896	16694				

HIGH PERFORMANCE IMPORTED MINIATURE BULBS

Photos not actual size



Type 1



Type 2



Type 3



Type 4



Type 5



Type 9



Type 10



Type 12



Type 13



Type 15



Type 16



Type 18



Type 22

Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.	Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.
B24	13	24	10	B2825	2	2825	10
B24A	13	24A	10	B2827	2	2827	10
B53	4	53	10	B3057	15	3057	10
B57	4	57	10	B3057A	15	3057A	10
B67	4	67	10	B3156	18	3156	10
B67A	4	67A	10	B3156A	18	3156A	10
B68	12	68	10	B3157	15	3157	10
B89	4	89	10	B3157A	15	3157A	10
B97	4	97	10	B3357	15	3357	10
B168	2	168	10	B3357A	15	3357A	10
B194	2	194	10	B3457	15	3457	10
B194-100	2	194	100	B3457A	15	3457A	10
B194A	2	194A	10	B3893	5	3893	10
B906	10	906	10	B4114K	15	4114K	10
B906A	10	906A	10	B4157	15	4157	10
B912	10	912	10	B4157K	15	4157K	10
B916	10	916	10	B5007	5	5007	10
B916A	10	916A	10	B5008	5	5008	10
B921	10	921	10	B6411	9	6411	10
B921A	10	921A	10	B6413	9	6413	10
B1141	3	1141	10	B6418	9	6418	10
B1156	3	1156	10	B6438	9	6438	10
B1156A	3	1156A	10	B6461	9	6461	10
B1157	1	1157	10	B7225	1	7225	10
B1157A	1	1157A	10	B7440	22	7440	10
B1893	5	1893	10	B7440A	22	7440A	10
B1895	4	1895	10	B7443	16	7443	10
B2057	1	2057	10	B7443A	16	7443A	10
B2057A	1	2057A	10	B7505	22	7505	10
B2357	1	2357	10	B7506	3	7506	10
B2357A	1	2357A	10	B7507	3	7507	10
B2721	2	2721	10	B7515	16	7515	10
B2722	2	2722	10	B7528	1	7528	10
B2821	2	2821	10				

Sec. 12

**HIGH PERFORMANCE IMPORTED
HALOGEN BULBS**

Photos not actual size



B880

880 Bulb

UNIT PACKAGE: 1



B890

890 Bulb

UNIT PACKAGE: 1



B881

881 Bulb

UNIT PACKAGE: 1



B891

891 Bulb

UNIT PACKAGE: 1



B884

884 Bulb

UNIT PACKAGE: 1



B893

893 Bulb

UNIT PACKAGE: 1



B885

885 Bulb

UNIT PACKAGE: 1



B894

894 Bulb

UNIT PACKAGE: 1



B886

886 Bulb

UNIT PACKAGE: 1



B896

896 Bulb

UNIT PACKAGE: 1



B889

889 Bulb

UNIT PACKAGE: 1



B899

899 Bulb

UNIT PACKAGE: 1

HIGH PERFORMANCE IMPORTED HALOGEN BULBS

Photos not actual size



B9004

9004/HB1 Bulb
High-Low Beam in
Single Headlight Assemblies
Volts: 12-18
Watts: 25-65
Use with Auveco Socket 14918

UNIT PACKAGE: 1



BD2C

D2C Bulb
UNIT PACKAGE: 1



B9005

9005/HB3 Bulb
High Beam in
Dual Headlight Assemblies
Volts: 12.8
Watts: 65
Use with Auveco Socket 16175

UNIT PACKAGE: 1



BD2R

D2R Bulb
UNIT PACKAGE: 1



B9006

9006/HB4 Bulb
Low Beam in
Dual Headlight Assemblies
Volts: 12.8
Watts: 55
Use with Auveco Socket 16174

UNIT PACKAGE: 1



BD2S

D2S Bulb
UNIT PACKAGE: 1



B9007

9007/HB5 Bulb
High-Low Beam
Volts: 12.8
Watts: 55-65
Use with Auveco Socket 14918

UNIT PACKAGE: 1



BH1

H1 Bulb
UNIT PACKAGE: 1



BD1S

D1S Bulb
UNIT PACKAGE: 1



B64150ULT

H1LL/ 64150ULT Bulb
UNIT PACKAGE: 1

Sec. 12

HIGH PERFORMANCE IMPORTED HALOGEN BULBS

Photos not actual size



BH3

H3/12V 55W Bulb
UNIT PACKAGE: 1



B64193

H4/ 64193 Bulb
UNIT PACKAGE: 1



B64193ULT

H4LL/ 64193ULT Bulb
UNIT PACKAGE: 1



B64132

H6W/ 64132 Bulb
UNIT PACKAGE: 10



BH7

H7 Bulb
UNIT PACKAGE: 1



B64210ULT

H7LL/ 64210ULT Bulb
UNIT PACKAGE: 1



BH9

H9 Bulb
UNIT PACKAGE: 1



BH10

H10/9145 Bulb
UNIT PACKAGE: 1



B64113

H10W/ 64113 Bulb
UNIT PACKAGE: 10



BH11

H11 Bulb
UNIT PACKAGE: 1



BH13

H13/9008 Bulb
UNIT PACKAGE: 1

HIGH PERFORMANCE IMPORTED BULBS

Bulb Number to Auveco's High Performance Imported Bulb Number

Halogen Bulb No.	Auveco No.	Halogen Bulb No.	Auveco No.	Halogen Bulb No.	Auveco No.
24	B24	1157A	B1157A	7440A	B7440A
24A	B24A	1893	B1893	7443	B7443
53	B53	1895	B1895	7443A	B7443A
57	B57	2057	B2057	7505	B7505
67	B67	2057A	B2057A	7506	B7506
67A	B67A	2357	B2357	7507/Amber	B7507
68	B68	2357A	B2357A	7515	B7515
89	B89	2721	B2721	7528	B7528
97	B97	2722	B2722	9004	B9004
168	B168	2821	B2821	9005	B9005
194	B194	2825	B2825	9006	B9006
194A	B194A	2827/Amber	B2827	9007	B9007
880	B880	3057	B3057	9008	BH13
881	B881	3057A	B3057A	9145	BH10
884	B884	3156	B3156	D1S	BD1S
885	B885	3156A	B3156A	D2C	BD2C
886	B886	3157	B3157	D2R	BD2R
889	B889	3157A	B3157A	D2S	BD2S
890	B890	3357	B3357	H1	BH1
891	B891	3357A	B3357A	H1LL	B64150ULT
893	B893	3457	B3457	H3	BH3
894	B894	3457A	B3457A	H4	B64193
896	B896	3893	B3893	H4LL	B64193ULT
899	B899	4114K	B4114K	H6W	B64132
906	B906	4157	B4157	H7	BH7
906A	B906A	4157K	B4157K	H7LL	B64210ULT
912	B912	5007	B5007	H9	BH9
916	B916	5008	B5008	H10	BH10
916A	B916A	6411	B6411	H10W	B64113
921	B921	6413	B6413	H11	BH11
921A	B921A	6418	B6418	H13	BH13
1141	B1141	6438	B6438	HB1	B9004
1156	B1156	6461	B6461	HB3	B9005
1156A	B1156A	7225	B7225	HB4	B9006
1157	B1157	7440	B7440	HB5	B9007

Bulb Number to Auveco's Premium Imported Bulb Number

Bulb No.	Auveco No.	Bulb No.	Auveco No.
24NA	20702	1893	20715
89	20705	2040	20717
168	20706	2357	20720
880	20854	2357NA	20721
881	20855	3057	20722
885	20856	3457	20728
889	20857	3457NA	20729
916NA	20712	3496	20730

NA- Natural Amber (Lighter)

Sec. 12

PREMIUM IMPORTED MINIATURE BULBS

Photos not actual size



Type 1



Type 2



Type 4



Type 5



Type 7



Type 10



Type 13



Type 20



Type 23

Auveco Part No.	Type	Replaces Bulb No.	Unit Pkg.
20702	13	24NA	10
20705	4	89	10
20706	2	168	10
20712	10	916NA	10
20715	5	1893	10
20720	1	2357	10
20721	1	2357NA	10
20722	7	3057	10
20728	23	3457	10
20729	23	3457NA	10
20730	20	3496	10

PREMIUM IMPORTED HALOGEN BULBS



20855

881 Bulb

UNIT PACKAGE: 1



20717

2040 Bulb
Center Grille
Mercury Sable and Villager

UNIT PACKAGE: 1

All items available in bulk quantities.

Call customer service
1-800-354-9816
for a price quote



20857

889 Bulb

UNIT PACKAGE: 1



20856

885 Bulb

UNIT PACKAGE: 1



20854

880 Bulb

UNIT PACKAGE: 1

SWITCHES

Photos not actual size

Push-Pull Switches



13552

Marine Switch
3 Position "Off-On-On"
First 'On' position energizes one circuit.
In second "On" position both circuits are energized.
Mounting stem 1-1/4" long. 3/8" diameter.
Brass hex back-up nut, brass washer, chrome plated
brass face nut and chrome plated knob.
15 Amps @ 12 Volts

UNIT PACKAGE: 1



12077

Push-Pull Switch
Heavy Duty
2 position "Off-On" switch with 2 Screw Terminals.
25 Amps @ 6 Volts; 15 Amps @ 12 Volts

UNIT PACKAGE: 1



Push Button Switch
Heavy Duty Construction

12078

Horn Button
UNIT PACKAGE: 1

TOGGLE & ROCKER SWITCHES



13555

Brass

S.P. S.T. Toggle Switch
"Off-On"
Mounting Stem 3/8" long
Diameter: 7/16" with
7/16" x 28 threads
Rating: 35 Amps @ 6 Volts
20 Amps @ 12 Volts

UNIT PACKAGE: 1



13630

S.P. S.T. Toggle Switch "Off-On"
Phenolic Housing
Mounting Stem 15/32" long
Diameter: 15/32"
2 Screw Terminals
Bat Handle
Rating: 15 Amps 125 Volts AC
10 Amps 250 Volts AC
3/4 HP 120-240 Volts AC

UNIT PACKAGE: 1



13632

D.P. D.T. Toggle Switch
"On-Off-On"
Phenolic Housing
Mounting Stem 15/32" long
Diameter: 15/32"
6 Screw Terminals
Rating: 15 Amps 125 Volts AC
10 Amps 250 Volts AC
3/4 HP 120-240 Volts AC

UNIT PACKAGE: 1



13631

S.P. D.T. Toggle Switch "On-Off-On"
Phenolic Housing
Mounting Stem 15/32" long
15/32" Diameter
3 Screw Terminals
Bat Handle
Rating: 15 Amps 125 Volts AC
10 Amps 250 Volts AC
3/4 HP 120-240 Volts AC

UNIT PACKAGE: 1

Sec. 12

TOGGLE & ROCKER SWITCHES

Photos not actual size



13629

S.P. S.T. Toggle Switch "Off-On"
Two 6" Wire Leads
Nickel plated "Off-On" indicator plate assembled
Mounting Stem 3/8" long
Diameter: 15/32" diameter
Bat handle
Rating: 15 Amps 12 Volts DC
6 Amps 125 Volts AC

UNIT PACKAGE: 1



12076

Chrome Plated Handle

Heavy Duty Toggle Switch
2 Position "On-Off"
Stem Diameter: 15/32"
Low Voltage -High Amp Application
Rating: 35 Amps @ 6-12 Volts DC

UNIT PACKAGE: 1



13556

Toggle Switch
2 Positions "On-Off"
For lights, blower, pump, etc.
Black plastic paddle and locking ring with level seal and knurled cap nut

Sealed to resist water penetration.
Fits panels up to 1/4" thick
Requires 15/32" Mounting Hole
Rating: 20 Amps @ 12 Volts D.C. with 1/4" spade terminals

UNIT PACKAGE: 1

13514

Black Molded Bat Handle



Heavy Duty S.P. D.T. Toggle Switch
3 Position "On-Off-On"
3 Blade Terminals
Spring loaded for positive snap action
Includes bezel nut and collar
Fits in 1/2" diameter hole
Rating: 16 Amps @12 Volts

UNIT PACKAGE: 1

Illuminated Toggle Switches

2 Position "Off-On"
Handle illuminated in 'On' position
With bezel nut and back-up collar for mounting in 1/2" hole.
Rating: 20 Amps @ 12 Volts



Auveco Part No.	Color
13523	Red illuminated toggle
13524	Green illuminated toggle
12236	Amber illuminated toggle

UNIT PACKAGE: 1

Illuminated Rocker Switches

2 Position "Off-On"
Rocker illuminated in 'On' position
Snaps into 1" x 1/2" rectangular hole
Rating: 20 Amps. @ 12 Volts



Terminal Coding:
1 -Power
2 -Accessory
3 -Ground

Auveco Part No.	Color
12234	Red illuminated rocker
13529	Green illuminated rocker
13530	Amber illuminated rocker
13531	Blue illuminated rocker

UNIT PACKAGE: 1



13528

Non-illuminated Rocker Switch
2 position "Off-On"
Fits 1-1/8" x 7/16" rectangular hole
Rating: 20 Amps @ 12 Volts

UNIT PACKAGE: 1

Illuminated Toggle Switch Mounting Panel

12233

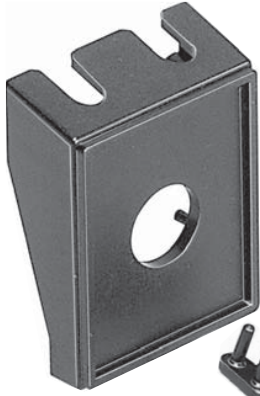
1-1/8" x 7/16" Hole
Use with Auveco 12234, 13529, 13530 & 13531

UNIT PACKAGE: 1



TOGGLE SWITCHES

Photos not actual size



Illuminated Toggle Mounting Panel

12235

1/2" Hole Diameter

UNIT PACKAGE: 1



Indicator Lamps

Has wire leads for easy installation
Mounts into 1/2" hole
12 Volt application
Installs in Auveco Mounting Panel 12235

Auveco Part No.

Color

20477	Red Lens
13520	Green Lens
13521	Amber Lens
13522	Blue Lens

UNIT PACKAGE: 1

WIRE LOOM CLIPS



1340

Wire Loom Clips
Clamping Diameter: 1/4"

UNIT PACKAGE: 100



14388

(145525)

Heavy Duty
Frame Wiring Clip
Clamping Diameter: 3/16"
Fits panels from .030"-.230"

UNIT PACKAGE: 50



1341

Wire Loom Clips
Clamping Diameter: 3/16"

UNIT PACKAGE: 100



9864

(372741-S100)

General Purpose
Wire Loom Clip

UNIT PACKAGE: 100



3758

Wire Loom Clips
Clamping Diameter: 3/8"

UNIT PACKAGE: 100

ROUTING CLIPS



Nylon Cable Clips

Auveco Part No.	Cable Size	Screw Size	Unit Pkg.
13939	3/16"	#8-10	50
13944	1/2"	#8-10	50



13937

Nylon Spring Clip

Width: 3/8"
Overall Length: 1-5/16"
Thickness: .060
Use with #8 Screw

UNIT PACKAGE: 50



Nylon Tubing & Hose Clips Adhesive Backed

Auveco Part No.	Range	Unit Pkg.
10057	5/32" to 1/4"	10
10058	5/16" to 1/2"	10
10059	9/16" to 3/4"	10



Cable Clips for Co-Ax Cable

Polyethylene clips with corrosion resistant galvanized steel nail.

15854

Cable Diameter: 3/16"-9/32"
Nail Length: 1"

UNIT PACKAGE: 50

Sec. 12

CABLE CONNECTOR & ROUTING CLIPS



Strain-Relief Cable Connector

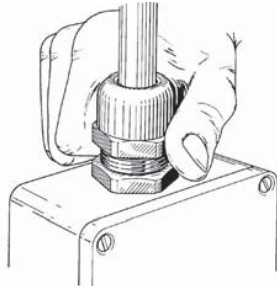


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Reliable, liquid-tight, nylon strain-relief cable connector for quick and easy installation. They do not have to be disassembled before using. Simply insert a cable into the connector, tighten the cap nut and the cable is automatically fixed, centered, sealed and strain relieved.

15851

Wire Diameter: .236" - .472"
Thread: 1/2" NPT
Thread Length (Bottom): .512"
Hex: .945"

UNIT PACKAGE: 5



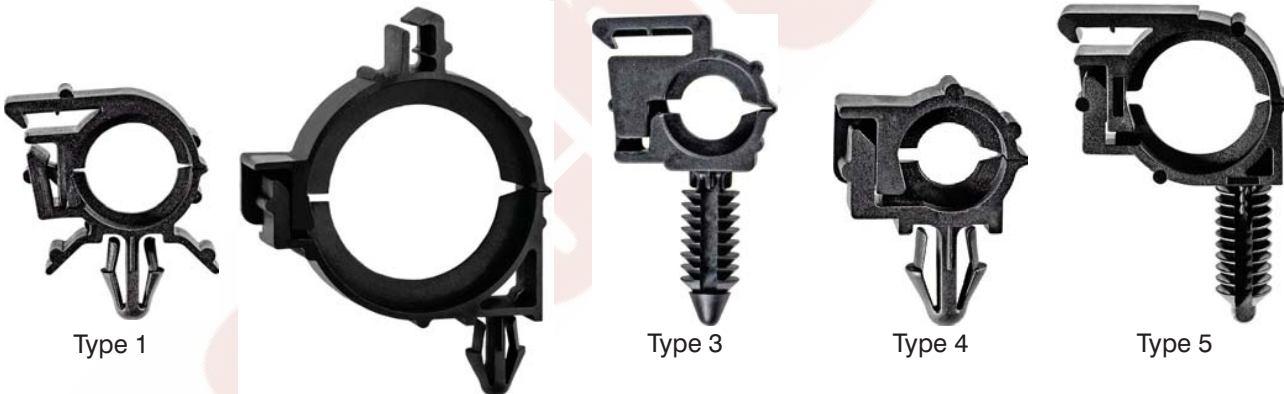
Routing Clips

A quick, economical method of fastening wires, tubes, hoses or rods from 1/4" to 1" diameter to metal, plastic or any other surface ranging from 1/32" to 1/8" thickness. Clips are molded of durable black nylon plastic. They snap into 1/4" diameter holes and are held firmly in place by flexible "snubber tips" which compensate for variation in wall thickness.

Auveco Part No.	Tube/Hose Wire Outside Dia.	Clip Overall Height	Clip Height Above Panel	Unit Pkg.
14529	1/4"	27/32"	7/16"	25
14530	3/8"	29/32"	15/32"	25
14531	1/2"	1-1/16"	5/8"	25
14532	5/8"	1-3/16"	3/4"	25
14533	3/4"	1-5/16"	7/8"	25

Wire Loom Routing Clips

Black Nylon • Also called split flexible tubing, convoluted conduit or wiring harness



Auveco Part No.	Type	For Conduit Size		GM No.	Unit Pkg.
		I.D.	O.D.		
19440	3	1/4"	3/8"	12040984	15
19795	4	1/4"	3/8"	12015631	15
14544	1	11/32"	1/2"	8911473	25
20397*	6	10mm	13mm	12160858	15
20471	4	10mm	13mm	8905794	15
14545	1	13/32"	19/32"	8911497	25
14546	1	1/2"	11/16"	8911472	25
19851	5	1/2"	11/16"	12040983	15
14547	1	3/4"	1"	3816659	25
				8917320	
20665	7	19mm	24mm	12160374	15
16941	2	1"	1-9/32"	12015983	25

*Gray Nylon

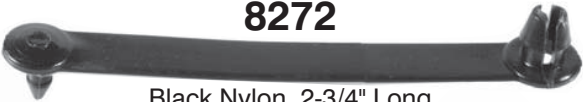


CABLE & HARNESS STRAPS

Sec. 12



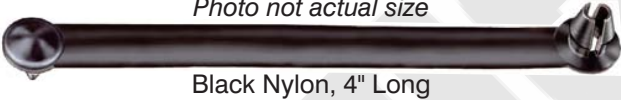
8550
Black Nylon, 2-1/4" Long
UNIT PACKAGE: 25




8272
Black Nylon, 2-3/4" Long
For 1/4" Hole in .093" Thick Metal
UNIT PACKAGE: 50



8273
Black Nylon, 2-3/4" Long
For 1/4" Hole in 115" Thick Metal
UNIT PACKAGE: 50



9115
Photo not actual size
Black Nylon, 4" Long
UNIT PACKAGE: 50



3690
Photo not actual size
Natural Nylon, 3-1/2" Long
UNIT PACKAGE: 100



14376
(Mazda: 9928-90-753)
Black Nylon, 110mm (4-3/8") Long, Releasable,
Max. Bundle Diameter: 25mm (1"), Fits into 7mm Hole
UNIT PACKAGE: 15



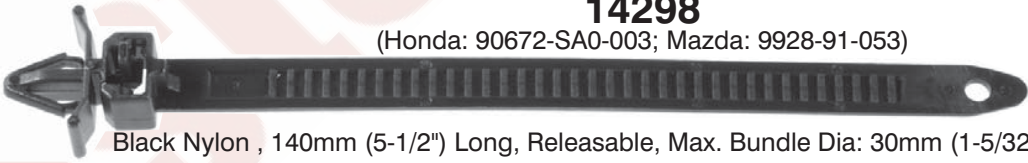
20654
(Mercedes: 001-997-42-90)
Black Nylon 120mm (4-3/4") Long,
Fits into 8mm Hole
UNIT PACKAGE: 10



5879
Natural Nylon, 5" Long
UNIT PACKAGE: 25



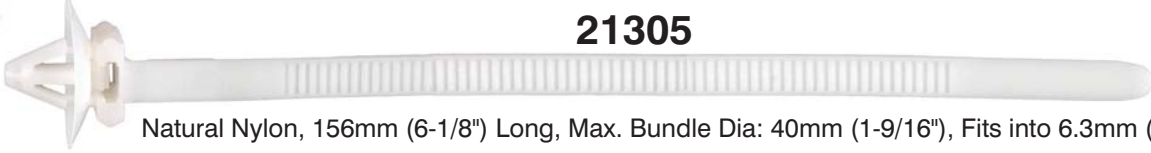
14284
(Honda: 90669-671-000,
90669-671-003;
Toyota: 90463-10337)
Aqua Nylon, 110mm (5-5/16") Long, Max. Bundle Diameter: 23mm (7/8"), Fits into 6mm Hole
UNIT PACKAGE: 15



14298
(Honda: 90672-SA0-003; Mazda: 9928-91-053)
Black Nylon, 140mm (5-1/2") Long, Releasable, Max. Bundle Dia: 30mm (1-5/32"), Fits into 7mm Hole
UNIT PACKAGE: 25



21203
Gray Nylon, 155mm (6-1/8") Long, Max. Bundle Dia: 30mm (1-3/16"), Fits into 6.3mm (1/4") Hole
UNIT PACKAGE: 25



21305
Natural Nylon, 156mm (6-1/8") Long, Max. Bundle Dia: 40mm (1-9/16"), Fits into 6.3mm (1/4") Hole
UNIT PACKAGE: 25

Sec. 12

CABLE & HARNESS STRAPS

20655

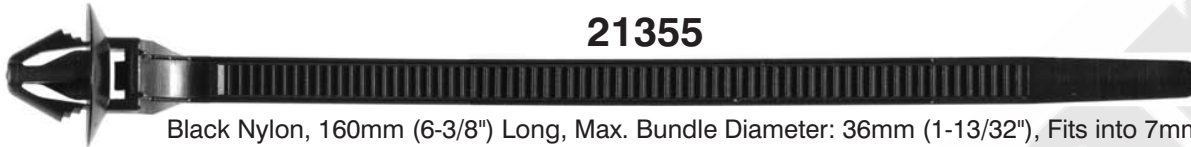
(Mercedes: 114-997-02-90)



Black Nylon, 160mm (6-3/8") Long, Fits into 8mm (5/16") Hole

UNIT PACKAGE: 10

21355



Black Nylon, 160mm (6-3/8") Long, Max. Bundle Diameter: 36mm (1-13/32"), Fits into 7mm Hole

UNIT PACKAGE: 25

10649

(GM: 3816659, 19130464)



Black Nylon, 6-1/2" Long

UNIT PACKAGE: 10

21553

(Toyota: 82711-12200) • *Photo not actual size*



Black Nylon, 170mm (6-3/4") Long, Max. Bundle Dia.: 40mm (1-9/16"), Fits into 13mm (1/2") Hole

UNIT PACKAGE: 25

21310

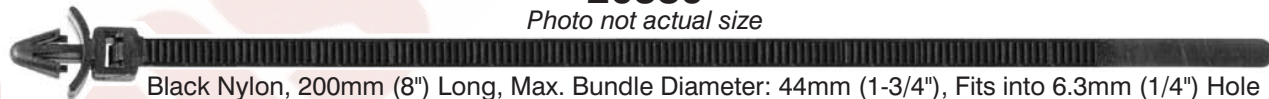


Black Nylon, 174MM (6-15/16") Long, Max. Bundle Diameter: 40mm (1-9/16"), Fits into 13mm (1/2") Hole

UNIT PACKAGE: 25

20380

Photo not actual size



Black Nylon, 200mm (8") Long, Max. Bundle Diameter: 44mm (1-3/4"), Fits into 6.3mm (1/4") Hole

UNIT PACKAGE: 25

21259

(Nissan: 24225-89960)

Photo not actual size



Black Nylon, 200mm (8") Long, Max. Bundle Diameter: 55mm (2-3/16"), Fits into 8mm (5/16") Hole

UNIT PACKAGE: 25

CABLE & HARNESS STRAPS

Photos not actual size

Sec. 12

Self-Clamping Natural Nylon Straps



Reusable

Auveco Part No.	Tensile Strength	Strap Length	Max Bundle Dia.	Width	Unit Pkg.
10217	18 lb.	3-7/8"	3/4"	3/32"	10
9637	50 lb.	14-7/8"	4"	3/16"	10
10218	120 lb.	14-1/2"	4"	9/32"	10

Black Nylon Cable Ties Self Clamping



Auveco Part No.	Tensile Strength	Length	Width	Unit Pkg.
15144	18 lb.	4"	3/32"	100
15196	18 lb.	4"	3/32"	1000
15145	30 lb.	5-1/2"	1/8"	100
15197	30 lb.	5-1/2"	1/8"	1000
15146	50 lb.	7"	3/16"	50
15198	50 lb.	7"	3/16"	1000
15147	50 lb.	11"	3/16"	50
15199	50 lb.	11"	3/16"	500
15753	50 lb.	14"	3/16"	25
15148	120 lb.	14"	5/16"	25
15200	120 lb.	14"	5/16"	500

Natural Nylon Cable Ties Self Clamping



Auveco Part No.	Tensile Strength	Length	Width	Unit Pkg.
11953	18 lb.	3"	3/32"	50
11954	18 lb.	4"	3/32"	50
14836	18 lb.	4"	3/32"	100
15188	18 lb.	4"	3/32"	1000
11955	30 lb.	5"	1/8"	50
14837	30 lb.	5"	1/8"	100
15189	30 lb.	5"	1/8"	1000
11956	50 lb.	7"	5/32"	25
14838	50 lb.	7"	5/32"	50
15190	50 lb.	7"	5/32"	1000
11957	50 lb.	11"	5/32"	25
14839	50 lb.	11"	5/32"	50
15191	50 lb.	11"	5/32"	500
15754	50 lb.	14"	5/32"	25
11958	120 lb.	14"	9/32"	10
14840	120 lb.	14"	9/32"	25
15192	120 lb.	14"	9/32"	500

Black Nylon Cable Ties Self-Clamping with Mounting Hole



Auveco Part No.	Tensile Strength	Length	Screw Hole Size	Width	Unit Pkg.
15150	50 lb.	7-1/2"	#10	3/16"	50
15202	50 lb.	7-1/2"	#10	3/16"	250
15151	120 lb.	14-3/4"	#14	5/16"	25
15203	120 lb.	14-3/4"	#14	5/16"	200

Natural Nylon Cable Ties Self-Clamping with Mounting Hole



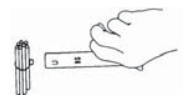
Auveco Part No.	Tensile Strength	Length	Screw Hole Size	Width	Unit Pkg.
11961	50 lb.	7"	#10	5/32"	50
15194	50 lb.	7"	#10	5/32"	250
11963	120 lb.	13"	#14	9/32"	10



14568
Cable Tie Tool



1. Feed Cable Tie in tool head, pull trigger to tension



2. Hold trigger tension and twist tool 1/2 turn.

A light-weight, durable hand tool that's perfect for installing cable ties. The tool works on 18 pound, 30 pound, 40 pound, and 50 pound tensile rated cable ties. Length: 6-1/4". Made of rugged plastic.

UNIT PACKAGE: 1

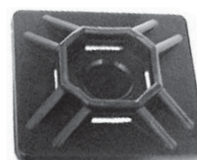
Cable Tie Mount with Adhesive

Uses a #6 flat head screw or 1/8" flat head rivet. Features a 4 way insertion and accepts 18, 30, and 50 pound cable ties. 1" x 1" Adhesive backing



12361
Natural Nylon

UNIT PACKAGE: 10



16001
Black Nylon

UNIT PACKAGE: 10

Sec. 13

OIL DRAIN PLUG GASKETS



**Steel with Rubber Seal
Oil Drain Plug Gaskets**

Auveco Part No.	I.D.	O.D.	Thick-ness	Unit Pkg.
16026	1/2"	1"	3/64"	5
18299	14mm	25mm	1mm	10
18931	16mm	24mm	2mm	10
18932	18mm	27mm	2mm	10



**Oil Drain Plug
Rubber Gaskets**

21180

I.D.: 11mm
O.D.: 18mm
Replacement Gasket
For Auveco No. 20347
Ford 1993 - On

UNIT PACKAGE: 10

21179

I.D.: 11mm
O.D.: 19mm
Replacement Gasket
For Auveco No. 21047
GM 1985 - On

UNIT PACKAGE: 10

18665

I.D.: 11mm
O.D.: 21mm
Replacement Gasket
For Auveco 18663
18664 & 20372
GM 12mm-1.75

UNIT PACKAGE: 10

19630

I.D.: 11mm
O.D.: 25mm
Replacement Gasket
For Auveco 18023
GM 12mm-1.75

UNIT PACKAGE: 10

20896

(Not Supplied by O.E.M.)

I.D.: 13mm
O.D.: 19mm
Replacement Gasket
For Auveco No.
19773
M14-1.5

UNIT PACKAGE: 10

20453

(F5TZ-6734-BA)

I.D.: 13mm
O.D.: 22mm
Replacement Gasket
For Auveco No.
19279 & 21354
M14-1.5

UNIT PACKAGE: 10



22169

(Not Supplied by O.E.M.)

I.D.: 18mm
O.D.: 23mm
Replacement Gasket for Auveco 21650
Chevrolet Cruze & Volt 2010 - On

UNIT PACKAGE: 10



22134

(Toyota: 90430-12031, 90430-12018,
90430-12027 & 90430-C0005)
Fibre & Aluminum

Oil & Transmission
Drain Plug Gasket
Inner Diameter: 12mm
Outer Diameter: 21mm
Thickness: 1.75mm

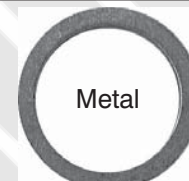
Toyota 4Runner, Avalon, Camry, Celica, Corolla, Echo,
FJ Cruiser, Highlander, Land Cruiser, Matrix, MR2,
Paseo, Previa, Prius, RAV4, Sequoia, Sienna, Solara,
Supra, T100, Tacoma, Tercel, Tundra, Venza & Yaris
1991 - On

UNIT PACKAGE: 5



Fibre

**Oil Drain
Plug Gaskets**



Metal

Auveco Part No.	I.D.	O.D.	Thick-ness	Mat.	Unit Pkg.
19538	1/2"	3/4"	5/64"	Bk Fibre	50
8277	1/2"	3/4"	3/32"	Nylon	25
15918	1/2"	7/8"	1/16"	Copper	25
19590	1/2"	7/8"	1/16"	Aluminum	25
16996	1/2"	15/16"	1/16"	Nylon	25
18019	1/2"	15/16"	5/64"	Fibre	50
19539	9/16"	13/16"	5/64"	BK. Fibre	50
8281	9/16"	13/16"	3/32"	Nylon	25
15919	9/16"	13/16"	3/32"	Copper	25
8278	5/8"	1"	3/32"	Nylon	25
18021	3/4"	1"	1/16"	Copper	25
8279	3/4"	1-1/16"	3/32"	Nylon	25
18849	12mm	21mm	1.8mm	Steel*	5
16680	12mm	22mm	1.5mm	Nylon	50
19591	12mm	22mm	1.5mm	Copper	15
19601	12mm	22mm	1.5mm	Aluminum	50
18726	12mm	22mm	2mm	Bk Fibre	50
19621	14mm	20mm	1mm	Aluminum	50
20454	14mm	20mm	1.5mm	Copper	15
19592	14mm	22mm	1.5mm	Copper	15
16956	14mm	22mm	2mm	Aluminum	50
16681	14mm	24mm	1.5mm	Nylon	50
16682	14mm	24mm	2mm	Bk Fibre	50
19604	16mm	22mm	1.5mm	Copper	10
19603	16.4mm	27mm	2mm	Bk Fibre	50
16683	16.5mm	27mm	1.5mm	Nylon	50
20462	18mm	24mm	1.2mm	Aluminum	25
16955	18mm	25.5mm	2mm	Aluminum	50
16684	18mm	29mm	1.5mm	Nylon	50
19605	18mm	26mm	1.5mm	Copper	10
18829	18mm	29mm	1.5mm	Grn Fibre	25
16685	20mm	28mm	1.5mm	Nylon	50
19593	20mm	25mm	1.6mm	Copper	10
18830	20mm	28mm	1.5mm	Grn Fibre	25
21647	20mm	28mm	2mm	Bk Fibre	25
21178	20mm	28.5mm	1.6mm	Aluminum	25
21648	23mm	29mm	2mm	Bk Fibre	25
21649	24mm	30mm	1.8mm	Aluminum	10
18020	25.5mm	35mm	2mm	Bk Fibre	50

* Teflon coated steel

OIL DRAIN PLUG GASKETS



Oil Drain Plug Crushable Gaskets



Auveco Part No.	Inner Diameter	Outer Diameter	Thickness	Material	Unit Pkg.
19545	1/2"	3/4"	5/64"	Copper	10
17261	12mm	18mm	2mm	Copper	10
21258	12mm	18mm	3mm	Copper	10
19007	14mm	19mm	2mm	Steel	10
17262	14mm	20mm	2mm	Copper	10
22223	14mm	22mm	2mm	Copper	10
21677	16mm	21mm	2.5mm	Steel	10
17263	16mm	22mm	2mm	Copper	10
17264	18mm	24mm	2mm	Copper	10
21116	18mm	24mm	2.5mm	Steel	10
17265	20mm	26mm	2mm	Copper	10
19139	20mm	26mm	2mm	Steel	15

OIL & TRANSMISSION DRAIN PLUGS WITH GASKETS



14196

Zinc

Thread: 1/2"-20
Hex: 7/8"
Length Under Head: 1/2"

Fits the following 1/2"-20 applications:

AMC: 6 & 8 Cylinder All 64-On

Buick: 4, 6 & 8 Cylinder All [Exc. 2.5 (151), 3.0, 4.3, 4.9 (301 Eng.)] 59-On

Cadillac: 6 & 8 Cylinder All (Exc. 4.1 Eng) 66-On

Chevrolet (Includes Light Truck): 4, 6 & 8 Cylinder All [Exc. 1.8 (diesel), 2.5 (151), 4.3 (diesel) Eng.] 28-On

Chrysler Corp.: 6 & 8 Cylinder All 62-On

Ford Motor Co.: 4, 6 & 8 Cylinder All (Exc. 98, 122, 140, 171 Eng) 57-On

GMC (Light Truck): 6 & 8 Cylinder All 39-On

Oldsmobile: 4, 6 & 8 Cylinder All [Exc. 2.5 (151), 3.0, 4.3, (diesel), 4.3S, 4.9T (301)] 61-On

Pontiac: 4, 6, & 8 Cylinder All [Exc. 1.8 (diesel), 2.5 (151), 4.3 (diesel), 4.3S, 4.9T (301)] 60-On

UNIT PACKAGE: 10



19130

(3921988)
Phosphate

Thread: 1/2"-20
Hex: 9/16"
Length Under Head: 13/16"
Washer Head O.D.: 7/8"

Fits the following applications:

Buick: 4, 6 & 8 Cylinder All [Exc. 2.5(151) 3.0, 4.3, 4.9 (301 Eng.)] 59-On

Cadillac: 6 & 8 Cylinder All (Exc. 4.1 Eng) 66-On

Chevrolet (Inc. GMC Light Truck): 4, 6 & 8 Cylinder All [Exc. 1.8 (diesel), 2.5 (151), 4.3 (diesel) Eng.] 28-On

Oldsmobile: 4, 6 & 8 Cylinder All [Exc. 1.8 (diesel), 2.5 (151), 3.0, 4.3, (diesel), 4.3S, 4.9T (301)Eng.] 61-On

Pontiac: 4, 6 & 8 Cylinder All [Exc. 1.8 (diesel), 2.5 (151), 4.3 (diesel), 4.3S, 4.9T (301)Eng.] 60-On

UNIT PACKAGE: 15



18373

(6034376)

Plain with Rubber
Washer Face Gasket

Thread: 1/2"-20
Hex: 5/8"
Length Under Head: 13/16"
Rubber Gasket O.D.: 1-3/32"

Fits the following applications:

Chrysler

UNIT PACKAGE: 2

Sec. 13

OIL & TRANSMISSION DRAIN PLUGS WITH GASKETS



18022
(948187-0)
Zinc

Thread: 3/4"-16
Hex: 1"
Length Under Head: 1/2"

Fits the following applications:
Volvo: 4 Cylinder

UNIT PACKAGE: 2



21665
(BC3Z-6730-A)
Yellow Plastic with
Rubber Gasket

Diameter: 13/16"
Square Drive: 3/8"
Overall Length: 1-13/16"

Fits the following applications:
Ford: F250 & F350 with 6.7L
PowerStroke 2011 - On

UNIT PACKAGE: 1



22143
(VW: 06L-103-801)
Black Plastic

Plastic Oil Drain Plug
Head Diameter: 23mm
(with Screw Driver Slot)
Overall Height: 20mm
With Installed Rubber O-Ring

Fits the following applications:
Audi: A3 & S3 and Volkswagen Golf & GTI 2015 - On

UNIT PACKAGE: 1



19318
(Jeep: 83504041;
Lexus: 90341-10006, 90341-10012)
Zinc & Yellow

Thread: M10-1.5; Hex: 14mm
Length Under Head: 9mm

Fits the following transmission applications:
Jeep: Cherokee, Comanche & XJ 1991-On
Lexus: GS300, LS400 & SC400 1991-On

UNIT PACKAGE: 2



20807
(F81Z-6730-AA)
Plain with Rubber
Washer Face Gasket

Thread: M10-1.5
Hex: 13mm
Length Under Head: 15mm
Rubber Gasket O.D.: 28mm

Fits the following 4R100 transmission applications:
Ford: E150-450, F150-450 Excursion &
Expedition 1980 - On

UNIT PACKAGE: 1



15527
Zinc

Thread M12-1.25
Hex: 14mm
Length Under Head: 11mm
Washer Head O.D.: 20mm

Fits the following M12-1.25 applications:
Nissan: Sentra, Stanza & Pulsar with FWD 1982-On

UNIT PACKAGE: 5



19589
Zinc

Thread M12-1.5
Hex: 13mm
Length Under Head: 12mm
Washer Head O.D.: 17mm

Fits the following applications:
BMW & Mercedes

UNIT PACKAGE: 5



21293
(11128-01M0B)
Zinc & Yellow

Thread: M12-1.25
Hex: 14mm
Length Under Head: 12mm
Washer Head O.D.: 23mm

Fits the following applications:
Nissan Sentra & 350Z and Infiniti 1992 - On

UNIT PACKAGE: 2



19588
Zinc

Thread: M12-1.25
Hex: 14mm
Length Under Head: 17mm
Washer Head O.D.: 20mm

Fits the following applications:
Nissan

UNIT PACKAGE: 5



18023
(21006725)
Black Zinc
With Rubber Gasket

Thread: M12-1.75
Hex: 14mm
Length Under Head: 19mm
Rubber Gasket O.D.: 31mm

Fits the following application:
GM: Saturn

UNIT PACKAGE: 2

OIL & TRANSMISSION DRAIN PLUGS WITH GASKETS

Sec. 13



21093
(24233099)
Zinc with
Rubber Gasket

Thread: M12-1.75
Hex: 15mm
Length Under Head: 20mm
Washer Head O.D.: 32mm

Fits the following applications:
4L80-E Transmissions on **Chevrolet** 2 WD Full Size
Vans & Pickup Trucks 1997 - On

UNIT PACKAGE: 2



21047
(GM: 3536964, 3538469,
11519408,
11562588, 24100042;
Isuzu: 8-11519-408-0)
Zinc with Rubber Gasket

Thread: M12-1.75
Hex: 15mm
Length Under Head: 25mm
Washer Head O.D.: 26mm

Fits the following applications:
GM: 2.2 (4), 3.1 (M), 3.8 (K), 3.8 (1), 2.3, 4.9 & 6.0L
Eng. 1985 - On

UNIT PACKAGE: 2



18374
(F5AZ-6730)
Plain With Rubber
Washer Face Gasket

Thread: M12-1.75
Hex: 15mm
Length Under Head: 21mm
Rubber Gasket O.D.: 28mm

Fits the following applications:
Ford: 2.5, 3.0 & 4.6 Eng. with Modular
& Aluminum Pans

UNIT PACKAGE: 2



14677
Zinc

Thread: M12-1.75
Hex: 15mm
Length Under Head: 26mm
Washer Head O.D.: 22mm

Fits the following M12-1.75 applications:
Buick: 4 Cylinder 151 (2.5) Eng. 80-On
6 Cylinder 3.0, 4.3 (Diesel) Eng. 82-On
8 Cylinder 4.3, 4.9 Eng. 81-77

Cadillac: 8 Cylinder 4.1 Eng. 82-On

Chevrolet: 4 Cylinder 151 (2.5) Eng. 78-On
6 Cylinder 4.3 (Diesel) Eng. 82-On

Oldsmobile: 4 Cylinder 151 (2.5) Eng. 78-On
6 Cylinder 3.0, 4.3 (Diesel) Eng. 82-On
8 Cylinder 4.3S, 4.9T (301) Eng. 80-79

Pontiac: 4 Cylinder 151 (2.5) Eng. 77-On
6 Cylinder 4.3 (Diesel) Eng. 82-On
8 Cylinder 4.3S, 4.9T (301) Eng. 81-77

UNIT PACKAGE: 5



21354
(6507741-AA)
Zinc with
Rubber Gasket

Thread: M14-1.5
Hex: 13mm
Length Under Head: 21mm
Washer Head O.D.: 29mm

Fits the following application:
Chrysler

UNIT PACKAGE: 2



21353
(90009-PH1-000)
Zinc & Yellow

Thread: M14-1.5
Hex: 17mm
Length Under Head: 10mm
Washer Head: 24mm

Fits the following applications:
Acura & Honda

UNIT PACKAGE: 5



20347
(YS4Z-6730AA)
Plain with
Rubber Gasket

Thread: M12-1.75
Hex: 13mm
Length Under Head: 25mm
Washer Head O.D.: 26mm

Fits the following applications:
Ford 1999 - 93

UNIT PACKAGE: 2



21352
(N90288901)
Black Zinc

Thread: M14-1.5
Hex: 19mm
Length Under Head: 14mm

Fits the following applications:
Volkswagen

UNIT PACKAGE: 2

Sec. 13

OIL & TRANSMISSION DRAIN PLUGS WITH GASKETS



21135

(21512-23001)
Dacromet

Thread: M14-1.5
Hex: 17mm
Length Under Head: 17mm
Washer Head O.D.: 22.5mm

Fits the following applications:
Hyundai & Kia 1995 - On

UNIT PACKAGE: 2



20426

(90009-PY3-000)
Zinc & Yellow
with Aluminum Gasket

Thread: M14-1.5
Hex: 17mm
Length Under Head: 15mm
Washer Head O.D.: 24mm

Fits the following M14-1.5 applications:
Acura & Honda: 2000 - On

UNIT PACKAGE: 5



18024

Zinc

Thread: M14-1.25
Hex: 13mm
Length Under Head: 16mm
Washer Head O.D.: 23mm

Fits the following applications:
Jeep

UNIT PACKAGE: 5



21650

(55568037)
Zinc

Thread: M14-1.5
Hex: 10mm
Length Under Head: 16mm
Washer Head O.D.: 27mm

Fits the following applications:
Chevrolet: Cruze & Volt 2010 - On

UNIT PACKAGE: 2



16308

Zinc

Thread: M14-1.5
Hex: 16mm
Length Under Head: 11mm
Washer Head O.D.: 25mm

Fits the following M14-1.5 applications:
Chrysler Imports: 83-On

Honda: 83-On

Isuzu: 87-On

Mazda: 72-On

Spectrum: 88-On

Sprint: 88-On

VW-Audi: 74-On

UNIT PACKAGE: 5



18025

(E9DZ-6730-B)
Zinc

Thread: M14-1.5
Hex 13mm
Length Under Head: 16mm
Washer Head O.D.: 23mm

Fits the following applications:
Ford: Escort

UNIT PACKAGE: 5



21798

(VW: N91167901)
Zinc

Oil Drain Plug with Gasket
Thread: M14-1.5
T-50 Torx® Drive
Length Under Head: 12mm
Head O.D.: 19mm

Fits the following M14-1.5 applications:
Audi: A3, A4 Quattro, A5 Quattro, A6, A6 Quattro, All Road Quattro & Q5

VW: Beetle Turbo, CC Lux, Eos Executive, Eos Komfort, Eos Sport, GTI, Jetta GLI, Tiguan S, Tiguan SE & Tiguan SEL 2007 - On

UNIT PACKAGE: 2



22196

(Mazda: FS50-21-249 - Drain Plug,
9956-41-400 - Gasket)
Zinc

Oil Drain Plug with Gasket
Thread: M14-1.5
Drive: 8mm Allen
Head Diameter: 22mm
Length Under Head: 16mm

Fits the following applications:
Mazda: 3, 6 & CX-5 2012 - On; RX-8 2011 - 09

UNIT PACKAGE: 2

OIL & TRANSMISSION DRAIN PLUGS WITH GASKETS

Sec. 13



22205

(Honda: 90009-R70-A00)
Zinc

Oil Drain Plug with Gasket
Thread: M14-1.5
Hex: 17mm
Length Under Head: 18mm
Washer Head O.D.: 24.5mm

Fits the following applications

Honda: Accord 1999 - On; Civic 2014 - On

UNIT PACKAGE: 5



19773

(F75Z-6730-BA)
Phosphate with
Rubber Gasket

Thread: M14-1.5
Hex: 16mm
Length Under Head: 20mm
Washer Head O.D.: 28mm

Fits the following applications:

Ford Vans & Trucks with 6.8L Eng. 2000-96

UNIT PACKAGE: 1



18375

(6503433)
Plain with Rubber
Washer Face Gasket

Thread: M14-1.50
Hex: 17mm
Length Under Head: 18mm
Rubber Gasket O.D.: 28mm

Fits the following applications:

Chrysler 1.5 & 2.0 Eng.

UNIT PACKAGE: 2



19279

(F6TZ-6730BA)
Phosphate with
Rubber Gasket

Thread M14-1.50
Hex: 13mm
Length Under Head: 20mm
Washer Head O.D.: 28mm

Fits the following applications:

Chrysler: with 2.0(F), 2.4(B,G,8), 2.7(R,T), 3.3(G,S,3) & 3.5(G,4) Eng. 2000 - On

Ford: Aerostar, Explorer & Ranger 6 Cylinder 4 Ltr. Eng. 1996-On

UNIT PACKAGE: 2



20746

(N90813201)
Zinc with Sems® Gasket

Thread: M14-1.5
Hex: 19mm
Length Under Head: 20mm
Sems® Washer O.D.: 20mm

Fits the following applications:

Audi Cabriolet & Quattro with 1.8, 1.9, 2.0, 2.7, 2.8, & 3.0 Eng.

VW Beetle, Eurovan, Golf, Jetta, Passat & Touareg with 1.8, 1.9, 2.0, 2.8, 3.2 & 4.0 Eng.

UNIT PACKAGE: 2



14678

Zinc

Thread: M14-1.5
Hex: 16mm
Length Under Head: 20mm
Washer Head O.D.: 25mm

Fits the following M14-1.5 applications:

AMC: 4 Cylinder VW 121 Eng. 79-77

Chevrolet: 4 Cylinder 1.8 (Diesel) Eng. 81-On

Chrysler Corp. (Exc. Imports): 4 Cylinder All 78-On

Chrysler Corp. Imports: 4 Cylinder All 83-On
4 Cylinder K & W Engines (built after 10-81) 82

Ford Motor Co.: 4 & 6 Cylinder 98, 122, 140, 171 Eng. 73-On

Honda: 4 Cylinder Prelude 83-On

Mazda: 4 Cylinder All 72-On

Pontiac: 4 Cylinder 1.8 (Diesel) 83-On

Volkswagen: 4 Cylinder All (Water Cooled Engine) 74-On

UNIT PACKAGE: 5



19141

(6504018)

Plain with Rubber
Washer Face Gasket

Thread: M14-1.50
Hex: 13mm
Length Under Head: 20mm
Rubber Gasket O.D.: 28mm

Fits the following applications:

Chrysler 2.0, 2.4, 2.7, 3.2, 3.5, 3.7 & 4.7 Eng. 2000 - On

UNIT PACKAGE: 2

Sec. 13 OIL & TRANSMISSION DRAIN PLUGS WITH GASKETS



18026
(601-997-02-30)
Zinc

Thread: M14-1.5
Hex: 13mm
Length Under Head: 24mm
Washer Head O.D.: 19mm

Fits the following applications:
Mercedes: 300 Series

UNIT PACKAGE: 2



15530
Zinc

Thread: M20-1.5
Hex: 17mm
Length Under Head: 15mm
Washer Head O.D.: 27mm

Fits the following M20-1.5 applications:
Chevrolet Truck: Luv 82-75

Honda: All exc. Prelude 73-On

Subaru: All 79-On

UNIT PACKAGE: 5



21326
(Subaru: 807016160, 803916010;
Toyota: SU003-02194)
Zinc

Thread: M16-1.5 x 9mm
Hex 14mm
Washer Head O.D.: 24mm

Fits the following applications:
Subaru: Legacy & Outback 2.5L

Scion: FR-S 2.0L 2013

UNIT PACKAGE: 2



21041
(028-103-059-A)
Zinc

Thread: M24-1.5
Drive: 10mm Allen
Length Under Head: 10mm
Head Diameter: 32mm

Fits the following applications:

Audi: Cabriolet, A6, A8, Avant, Quattro, RS6, S4, S6 & S8

VW: Phaeton 6.0L & V8 4.2L and Touareg 4.2L

UNIT PACKAGE: 1



15528
Zinc

Thread: M16.4-1.33 O.S.
Hex: 19mm
Length Under Head: 13mm
Washer Head O.D.: 26mm

Fits the following M16.4 O.S. applications:
Nissan: All (Exc. Sentra, Stanza & Pulsar with FWD 62-On

Renault: Fuego & Le Car 80-On

UNIT PACKAGE: 5



22344
(BMW: 11-13-7-605-018)
Black Plastic



Plastic Oil Drain Plug
With Rubber Gasket
Thread: M24-1.5 x 11mm
Top Head Diameter: 36mm
Internal Hex Drive: 10mm

Fits the following applications:

BMW: 228i, 320i, 328i, 428i, 528i, X1 & Z4 2014 - On

UNIT PACKAGE: 1



15529
Zinc

Thread: M18-1.5
Hex: 19mm
Length Under Head: 12mm
Washer Head O.D.: 29mm

Fits the following M18-1.5 applications:
Chrysler: All imports 70-On

Renault: Le Car 79-76

Toyota: All 75-On

UNIT PACKAGE: 5



18027
Zinc

Thread: M25-1.5
Hex: 24mm
Length Under Head: 13mm
Washer Head O.D.: 35mm

Fits the following applications:
Toyota

UNIT PACKAGE: 1

OIL DRAIN PLUGS WITH GASKETS



Type 1



Type 2



Type 3

Magnetic Oil Drain Plugs with Gaskets Zinc Plated

Auveco Part No.	Type	Thread Size	Hex	Length Under Head	Finish	Unit Pkg.
19365	3	1/2"-20	3/4"	43/64"	Zinc	1
17145	1	1/2"-20 Single Oversize	3/4"	13/16"	Zinc	2
17146	1	1/2"-20 Double Oversize	3/4"	13/16"	Zinc & Yellow	2
17147	1	1/2"-20 Triple Oversize	3/4"	13/16"	Black Zinc	2
17148	2	12mm-1.75	13mm	19mm	Zinc	2



Metric

Oversize Oil Pan Drain Plugs with Fibre Gaskets Self-Tapping



Standard

Auveco Part No.	Size	Finish	Unit Pkg.
19587	1/2"-20, Single Oversize	Zinc	5
18121	1/2"-20, Double Oversize	Zinc & Yellow	5
18122	1/2"-20, Triple Oversize	Black Zinc	5
8285	5/8"-18, Single Oversize	Zinc	5
8286	11/16"-20, Single Oversize	Zinc	5
8288	3/4"-16, Single Oversize	Zinc	5
8289	7/8"-14, Single Oversize	Zinc	5
19618	M12-1.25, Single Oversize	Zinc	5
20759	M12-1.50, Single Oversize	Zinc	5
19619	M12-1.75, Single Oversize	Zinc	5
19620	M14-1.50, Single Oversize	Zinc	5

Oversize "Piggy-Back" Drain Plugs with Gasket



11782
Zinc

1/2"-20 Single Oversize

UNIT PACKAGE: 5



11783
Zinc & Yellow

1/2"-20 Double Oversize

UNIT PACKAGE: 5

Sec. 13

GREASE FITTINGS

Also available in Large Bulk Quantities



Ref. No: **1792**

1/4"-28, Straight
Thread Length: 9/64"
Overall Length: 1/2"
Ball Check, Plated

- 15055** Unit Pkg: 50
- 15074** Unit Pkg: 250
- 15075** Unit Pkg: 500
- 15440** Unit Pkg: 1000



Ref. No: **1952**

1/4" Drive Fit, Straight
Overall Length: 27/64"
No Check Valve, Plated

- 15065** Unit Pkg: 50
- 15094** Unit Pkg: 250
- 15450** Unit Pkg: 1000



Ref. No: **5530**

1/4"-28, Straight
Self-Tapping
Overall Length: 9/16"
Ball Check, Plated

- 15000** Unit Pkg: 50
- 15068** Unit Pkg: 250
- 15069** Unit Pkg: 500



Ref. No: **1911**

1/4"-28, 90°
Overall Length: 45/64"
Ball Check, Plated

- 9261** Unit Pkg: 25
- 15108** Unit Pkg: 100
- 15109** Unit Pkg: 250



Ref. No: **1636**

1/4"-28, 45°
Thread Length: .3"
Overall Length: 1"
Ball Check, Plated

- 15056** Unit Pkg: 25
- 15076** Unit Pkg: 100
- 15077** Unit Pkg: 250



Ref. No: **1680**

1/4"-28, Straight
Overall Length: 15/16"
Ball Check, Plated

- 9259** Unit Pkg: 25
- 15104** Unit Pkg: 100
- 15417** Unit Pkg: 1000



Ref. No: **1641**

1/4"-28, Straight
Thread Length: 7/32"
Overall Length: 9/16"
Ball Check, Plated

- 9257** Unit Pkg: 50
- 15100** Unit Pkg: 250
- 15101** Unit Pkg: 500
- 15415** Unit Pkg: 1000



Ref. No: **1637**

1/4"-28, 45°
Overall Length: 29/32"
Ball Check, Plated

- 9260** Unit Pkg: 25
- 15106** Unit Pkg: 100
- 15107** Unit Pkg: 250
- 15418** Unit Pkg: 1000



Ref. No: **1743**

1/4" Drive Fit, Straight
Overall Length: 1/2"
Ball Check, Plated

- 15054** Unit Pkg: 25
- 15072** Unit Pkg: 100
- 15073** Unit Pkg: 250
- 15439** Unit Pkg: 1000



Ref No: **5590**

1/4"-28, 90°
Self-Tapping
Overall Length: 43/64"
Ball Check, Plated

- 19176** Unit Pkg: 25
- 19177** Unit Pkg: 100
- 19178** Unit Pkg: 250



Ref. No: **1652**

1/4"-28 Straight
Overall Length: 11/16"
Ball Check, Plated

- 9258** Unit Pkg: 50
- 15102** Unit Pkg: 250
- 15103** Unit Pkg: 500
- 15416** Unit Pkg: 1000



Ref No: **1610**

1/8" Pipe, Straight
Overall Length: 5/8"
Ball Check, Plated

- 9262** Unit Pkg: 50
- 15110** Unit Pkg: 250
- 15111** Unit Pkg: 500
- 15420** Unit Pkg: 1000

GREASE FITTINGS

Also available in Large Bulk Quantities



Ref. No: **1688**

1/8" Pipe, 45°
Overall Length: 1"
Ball Check, Plated

9264 Unit Pkg: 25
15114 Unit Pkg: 100
15115 Unit Pkg: 250
15422 Unit Pkg: 1000



Ref. No: **1711**

5/16"-24, Straight
Overall Length: 5/8"
Ball Check, Plated

15057 Unit Pkg: 25
15078 Unit Pkg: 100
15079 Unit Pkg: 250



Ref. No: **1612**

1/8" Pipe, 65°
Overall Length: 7/8"
Ball Check, Plated

9265 Unit Pkg: 25
15116 Unit Pkg: 100
15117 Unit Pkg: 250
15423 Unit Pkg: 1000



Ref. No: **1608**

5/16" Drive Fit, Straight
Overall Length: 9/16"
Ball Check, Plated

15061 Unit Pkg: 50
15086 Unit Pkg: 250
15087 Unit Pkg: 500
15446 Unit Pkg: 1000



Ref No: **1607**

1/8" Pipe, Straight
Overall Length: 1-1/4"
Ball Check, Plated

9267 Unit Pkg: 25
15120 Unit Pkg: 100
15121 Unit Pkg: 250



Ref. No: **1710**

3/8"-24, Straight
Overall Length: 5/8"
Ball Check, Plated

15058 Unit Pkg: 25
15080 Unit Pkg: 100



Ref. No: **5570**

1/8" Pipe, Straight
Self-Tapping
Overall Length: 39/64"
Nominal Hole Size: 3/8"
Ball Check, Plated

15066 Unit Pkg: 25
15096 Unit Pkg: 100
15097 Unit Pkg: 250



Ref. No: **1627**

1/4" Pipe, Straight
Overall Length: 27/32"
Ball Check, Plated

15059 Unit Pkg: 25
15082 Unit Pkg: 100
15083 Unit Pkg: 250
15444 Unit Pkg: 1000



Ref. No: **1613**

1/8" Pipe, 90°
Overall Length: 53/64"
Ball Check, Plated

9266 Unit Pkg: 25
15118 Unit Pkg: 100
15119 Unit Pkg: 250
15424 Unit Pkg: 1000



Ref. No: **1629**

1/4" Pipe, 65°
Overall Length: 1"
Ball Check, Plated

15062 Unit Pkg: 10
15088 Unit Pkg: 50
15089 Unit Pkg: 100



Ref. No: **1728**

3/16" Drive Fit, Straight
Overall Length: 1/2"
Ball Check, Plated

15060 Unit Pkg: 50
15084 Unit Pkg: 250
15085 Unit Pkg: 500

Email your product suggestions to

mail@auveco.com

Sec. 13

METRIC GREASE FITTINGS

Also available in Large Bulk Quantities



Ref No: **8601**

6mm-1.00, Straight
DIN 71412
Overall Length: 14mm
Ball Check, Plated

- 11097** Unit Pkg: 5
- 15122** Unit Pkg: 50
- 15123** Unit Pkg: 100
- 15426** Unit Pkg: 1000



Ref No: **7545**

8mm-1.25, 45°
Overall Length: 23mm
Ball Check, Plated

- 11779** Unit Pkg: 10
- 15140** Unit Pkg: 50
- 15141** Unit Pkg: 100



Ref. No: **7045**

6mm-1.00, 45°
Overall Length: 22mm
Ball Check, Plated

- 11775** Unit Pkg: 10
- 15132** Unit Pkg: 50
- 15133** Unit Pkg: 100
- 15431** Unit Pkg: 1000



Ref No: **7590**

8mm-1.25, 90°
Overall Length: 18mm
Ball Check, Plated

- 11780** Unit Pkg: 10
- 15142** Unit Pkg: 50
- 15143** Unit Pkg: 100



Ref No: **7090**

6mm-1.00, 90°
Overall Length: 18mm
Ball Check, Plated

- 11776** Unit Pkg: 10
- 15134** Unit Pkg: 50
- 15135** Unit Pkg: 100



Ref No: **9301**

10mm-1.00, Straight
DIN71412
Overall Length: 15mm
Ball Check, Plated

- 11100** Unit Pkg: 5
- 15128** Unit Pkg: 50
- 15129** Unit Pkg: 100



Ref No: **8901**

8mm-1.00, Straight
DIN 71412
Overall Length: 15mm
Ball Check, Plated

- 11098** Unit Pkg: 5
- 15124** Unit Pkg: 50
- 15125** Unit Pkg: 100



Ref No: **9345**

10mm-1.00, 45°
Overall Length: 23mm
Ball Check, Plated

- 15067** Unit Pkg: 25
- 15098** Unit Pkg: 100
- 15099** Unit Pkg: 250



Ref No: **7445**

8mm-1.00, 45°
Overall Length: 23mm
Ball Check, Plated

- 11777** Unit Pkg: 10
- 15136** Unit Pkg: 50
- 15137** Unit Pkg: 100



Ref No: **9390**

10mm-1.00, 90°
DIN 71412
Overall Length: 19mm
Ball Check, Plated

- 11101** Unit Pkg: 5
- 15130** Unit Pkg: 50
- 15131** Unit Pkg: 100



Ref No: **7490**

8mm-1.00, 90°
DIN 71412
Overall Length: 18mm
Ball Check, Plated

- 11099** Unit Pkg: 5
- 15126** Unit Pkg: 50
- 15127** Unit Pkg: 100



Ref. No: **9501**

10mm-1.5 Straight
Overall Length: 15mm
Ball Check, Plated

- 17555** Unit Pkg: 50



Ref No: **9201**

8mm-1.25, Straight
Overall Length: 15mm
Ball Check, Plated

- 11778** Unit Pkg: 10
- 15138** Unit Pkg: 50
- 15139** Unit Pkg: 100
- 15434** Unit Pkg: 1000

Stainless Steel with Ball Check
303 Series Body • 420 Series Ball • 302 Series Spring



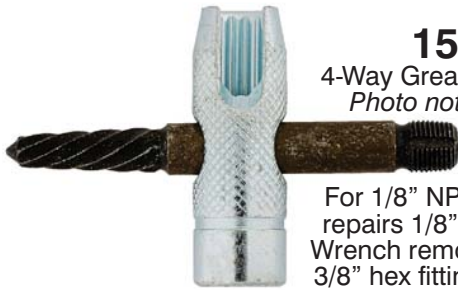
17156

Ref. No: 8058

8mm-1.00, Straight
Overall Length: 15mm

UNIT PACKAGE: 5

GREASE FITTING TOOL, GUNS & ACCESSORIES **Sec. 13**



15694
4-Way Grease Fitting Tool
Photo not actual size

For 1/8" NPT fittings. Tap repairs 1/8" NPT threads. Wrench removes 7/16" and 3/8" hex fittings and plugs. Installs new 1/8" NPT fittings. "Easy Out" removes broken fittings.

UNIT PACKAGE: 1



Photo not actual size

16275

One-Hand Grease Gun
3-Way Loading
Uses 14.5 oz. Cartridge
16 oz. Bulk Capacity
2500 PSI Working Pressure
3 Claw Coupler

UNIT PACKAGE: 1

Photo not actual size

16277
Zinc with Black Rubber Grip



Professional Grease Gun
Delivers Grease at various Lever Openings
3-Way Loading
Uses 14.5 oz. Cartridge, 16 oz. Bulk Capacity
Variable Pressure
4 Claw Coupler

UNIT PACKAGE: 1

16276

Photo not actual size



Heavy Duty Grease Gun
3-Way Loading
Uses 14.5 oz. Cartridge, 16 oz. Bulk Capacity
10,000 PSI Working Pressure
3 Claw Coupler

UNIT PACKAGE: 1



15688

Grease Gun Coupler with Ball Check

Fits 1/8" NPT Threads
Working pressure: 3,000 PSI
Overall Length: 1-3/8"
For hand operated lube equipment

UNIT PACKAGE: 1



15689

Heavy Duty Grease Gun Coupler with Ball Check

Fits 1/8" NPT Threads
Working pressure: 5,000 PSI
Overall Length: 1-7/16"
For hand operated lube equipment only

UNIT PACKAGE: 1

Grease Gun Hoses 1/8" NPT Male Fittings

Photo not actual size



15691

12"
3000 PSI

UNIT PACKAGE: 1

15692

18"
3000 PSI

UNIT PACKAGE: 1

16279

12"
5800 PSI

UNIT PACKAGE: 1

16280

18"
5800 PSI

UNIT PACKAGE: 1

Grease Fitting Caps

Polyethylene caps that snap over fittings to seal out dirt and moisture. Integral ring keeps cap in place during servicing.



18109
Black

UNIT PACKAGE: 50



18110
Red

UNIT PACKAGE: 50



18111
Yellow

UNIT PACKAGE: 50

Sec. 13

PIPE PLUGS



Hex Head Pipe Plugs
Cold Rolled Steel
Plain Finish

Auveco Part No.	O.E.M. No.	Pipe Size	Unit Pkg.
9278	GM: 444613	1/8-27	25
9279	GM: 444619, GM: 444620	1/4-18	25



Socket Head Pipe Plugs
Cold Rolled Steel
Plain Finish

Auveco Part No.	O.E.M. No.	Pipe Size	Unit Pkg.
9282	GM: 9427882	1/8-27	25
9283	GM: 444776	1/4-18	25
9284	GM: 444782	3/8-18	25
9285	GM: 444667, GM: 444789	1/2-14	25

BRASS FITTINGS

Inverted Flare Fittings



Inverted Nut
Brass

Auveco Part No.	Tube Size	Unit Pkg.
30	3/16"	10
31	1/4"	10
32	5/16"	10
33	3/8"	10



Inverted Nut
Steel

Auveco Part No.	Tube Size	Unit Pkg.
35	1/8"	10
36	3/16"	10
37	1/4"	10
38	5/16"	10
39	3/8"	10



Steel Plug

Auveco Part No.	Tube Size	Unit Pkg.
45	3/16"	10
46	1/4"	10
47	5/16"	10



Male Connector
Brass

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
49	1/8"	1/8"	5
50	3/16"	1/8"	5
51	1/4"	1/8"	5
52	5/16"	1/8"	5
53	3/8"	1/4"	5



Union
Brass

Auveco Part No.	Tube Size	Unit Pkg.
69	3/16"	5
70	1/4"	5
72	3/8"	5
73	1/2"	5



90° Male Elbow
Brass

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
75	3/16"	1/8"	5
76	1/4"	1/8"	5
77	5/16"	1/8"	5
78	3/8"	1/4"	5



45° Male Elbow
Brass

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
91	1/4"	1/8"	5



Male Branch
Brass
Photo not actual size

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
96	3/16"	1/8"	5

BRASS FITTINGS

Compression Fittings



**Sleeve
Brass**

Auveco Part No.	Tube Size	Unit Pkg.
101	1/8"	25
102	3/16"	25
103	1/4"	25
105	3/8"	25
107	1/2"	10



**Union
Brass**

Auveco Part No.	Tube Size	Unit Pkg.
150	1/8"	5
151	3/16"	5
152	1/4"	5
153	5/16"	5
154	3/8"	5
155	1/2"	5



**Nut
Brass**

Auveco Part No.	Tube Size	Unit Pkg.
110	1/8"	10
111	3/16"	10
112	1/4"	10
113	5/16"	10
114	3/8"	10



**Male Elbow
Brass**

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
158	1/8"	1/8"	5
159	3/16"	1/8"	5
161	1/4"	1/4"	5
162	5/16"	1/8"	5
163	5/16"	1/4"	5
164	3/8"	1/8"	5
168	1/2"	1/2"	5



**Male Connector
Brass**

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
119	1/8"	1/8"	5
120	3/16"	1/8"	5
121	1/4"	1/8"	5
122	1/4"	1/4"	5
123	5/16"	1/8"	5
124	5/16"	1/4"	5
125	3/8"	1/8"	5
126	3/8"	1/4"	5
127	3/8"	3/8"	5
128	1/2"	3/8"	5



**Female Connector
Brass**

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
134	1/8"	1/8"	5
135	3/16"	1/8"	5
137	5/16"	1/8"	5



**Union Tee
Brass**

Auveco Part No.	Tube Size	Unit Pkg.
186	3/16"	5
187	1/4"	5
189	3/8"	5

Double Compression Fittings

Threaded Sleeve



**Nut
Brass**

Auveco Part No.	Tube Size	Unit Pkg.
192	1/8"	10
193	3/16"	10
194	1/4"	10



**Male Connector
Brass**

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
198	1/8"	1/8"	5
200	1/4"	1/8"	5
201	5/16"	1/8"	5

Sec. 13

BRASS FITTINGS

S.A.E. 45° Flared Tube Fittings



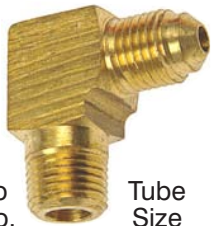
S.A.E. Flare Nut
Long • Brass

Auveco Part No.	Tube Size	Unit Pkg.
211	3/16"	5



S.A.E. Flare Nut
Short • Brass

Auveco Part No.	Tube Size	Unit Pkg.
221	1/4"	5
223	3/8"	5
224	1/2"	5



Male Elbow
Brass

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
230	1/4"	1/8"	5
231	1/4"	1/4"	5
232	5/16"	1/8"	5
233	5/16"	1/4"	5



Union
Brass

Auveco Part No.	Tube Size	Unit Pkg.
245	5/16"	5
246	3/8"	5
247	1/2"	5



Male Connector
Brass

Auveco Part No.	Tube Size	Pipe Thread	Unit Pkg.
262	1/4"	1/4"	5
263	5/16"	1/8"	5
264	5/16"	1/4"	5
265	3/8"	1/4"	5
266	3/8"	1/8"	5
268	1/2"	3/8"	5
269	1/2"	1/2"	5

**Refer to page 291 for
Pipe Thread Identification**

BRASS FITTINGS

Pipe Fittings



Cap
Brass

Auveco Part No.	Pipe Thread	Unit Pkg.
287	1/8"	5
288	1/4"	5



Slotted Plug
Brass

Auveco Part No.	Pipe Thread	Unit Pkg.
289	1/8"	5



Square Head Plug
Brass

Auveco Part No.	Pipe Thread	Unit Pkg.
291	1/8"	5
292	1/4"	5
293	3/8"	5
294	1/2"	5



Hex Head Plug
Brass

Auveco Part No.	Pipe Thread	Unit Pkg.
295	1/8"	5
296	1/4"	5
297	3/8"	5
298	1/2"	5



Bushing
Brass

Auveco Part No.	External Pipe Thread	Internal Pipe Thread	Unit Pkg.
299	1/4"	1/8"	5
300	3/8"	1/8"	5
301	3/8"	1/4"	5
302	1/2"	1/8"	5
303	1/2"	1/4"	5
304	1/2"	3/8"	5

BRASS FITTINGS

Pipe Fittings



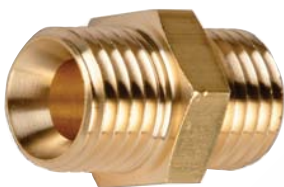
**Close Nipple
Brass**

Auveco Part No.	Length	Pipe Thread	Unit Pkg.
305	3/4"	1/8"	5
306	7/8"	1/4"	5
307	1"	3/8"	5
308	1-1/8"	1/2"	5



**Long Nipple
Brass**

Auveco Part No.	Length	Pipe Thread	Unit Pkg.
309	1-1/2"	1/8"	5
310	2"	1/8"	5
311	2-1/2"	1/8"	5
313	1-1/2"	1/4"	5
314	2"	1/4"	5
315	2-1/2"	1/4"	5



**Hex Nipple
Brass**

Auveco Part No.	Pipe Thread A	Pipe Thread B	Unit Pkg.
316	1/8"	1/8"	5
317	1/4"	1/4"	5
318	1/4"	1/8"	5
319	3/8"	3/8"	5
320	3/8"	1/8"	5
321	3/8"	1/4"	5
322	1/2"	1/2"	5



**Adapter
Brass**

Auveco Part No.	Pipe Thread A	Pipe Thread B	Unit Pkg.
325	1/8"	1/8"	5
326	1/4"	1/8"	5
327	1/4"	1/4"	5
328	3/8"	1/4"	5
329	3/8"	3/8"	5
330	1/2"	3/8"	5



**Coupling
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
331	1/8"	5
332	1/4"	5
333	3/8"	5
334	1/2"	5



**Reducing Coupling
Brass**

Auveco Part No.	Pipe Thread A	Pipe Thread B	Unit Pkg.
335	1/4"	1/8"	5
336	3/8"	1/8"	5
337	3/8"	1/4"	5
339	1/2"	3/8"	5



**Union
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
341	1/4"	5



**90° Street Elbow
Brass**

Auveco Part No.	Internal Pipe Thread	External Pipe Thread	Unit Pkg.
342	1/8"	1/8"	5
343	1/4"	1/4"	5
344	3/8"	3/8"	5



**45° Street Elbow
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
347	1/8"	5
348	1/4"	5
349	3/8"	5

Sec. 13

BRASS FITTINGS

Pipe Fittings, Drain Cocks and Valves



**90° Pipe Elbow
Brass**

Auveco Part No.	Internal Pipe Thread	Unit Pkg.
350	1/8"	5
351	1/4"	5
352	3/8"	5



**Tee
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
355	1/8"	5
356	1/4"	5



**Cross
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
353	1/8"	5



**Street Tee
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
359	1/8"	5
360	1/4"	5

PIPE THREAD IDENTIFICATION



1/8"



1/4"



3/8"



1/2"

BRASS FITTINGS

Drain Cocks and Valves



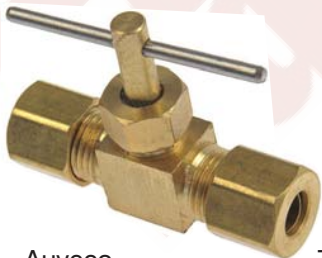
**External Seat
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
370	1/8"	5
371	1/4"	5
372	3/8"	5



**Angle Bib Drain
Brass**

Auveco Part No.	Pipe Thread	Height	Unit Pkg.
374	1/4"	1-11/16"	5



**Compression Line
Brass**

Auveco Part No.	Tube Size	Unit Pkg.
385	1/4"	3

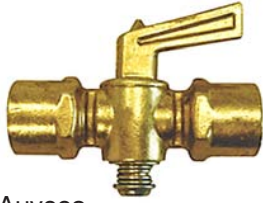


**Ground Plug Drain
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
405	1/8"	5
406	1/4"	5

BRASS FITTINGS

Sec. 13



**Female Pipe
Ground Plug Line
Brass**

Auveco Part No.	Pipe Thread	Unit Pkg.
399	1/8"	3
401	1/4"	3



**Multiple
Shut-Off Valves
Stem Short
Brass**

Auveco Part No.	Description	Unit Pkg.
404	3 Way, 1/4 Female, 3 Ends	1



**Beaded Hose Barb
90° Elbow Tube
to Male Pipe**

Auveco Part No.	I.D. Hose Size	Pipe Thread	Unit Pkg.
464	5/8"	1/2"	3
465	3/4"	1/2"	2



**Beaded Hose Barb
Tube to Male Pipe**

Auveco Part No.	I.D. Hose Size	Pipe Thread	Unit Pkg.
413	3/8"	3/8"	5
415	1/2"	3/8"	5
416	5/8"	3/8"	5
417	5/8"	1/2"	5
418	3/4"	1/2"	5



**Hose Barb to
Taper Male Pipe**

Auveco Part No.	I.D. Hose Size	Pipe Thread	Unit Pkg.
424	3/16"	1/8"	10
425	1/4"	1/8"	10
426	1/4"	1/4"	10
427	1/4"	3/8"	5
428	5/16"	1/8"	10
429	5/16"	1/4"	5
430	3/8"	1/8"	10
431	3/8"	1/4"	10
432	3/8"	3/8"	5
433	1/2"	1/4"	5
434	1/2"	3/8"	5
435	1/2"	1/2"	5



**Barbed Hose
Coupler**

Auveco Part No.	I.D. Hose Size	Overall Length	Unit Pkg.
419*	3/16"	1.44"	5
420	1/4"	2.00"	5
421	5/16"	2.00"	5
422	3/8"	2.00"	5
423	1/2"	2.00"	5

* 3 Barb Design



**Hose Barb to
Taper Female Pipe**

Auveco Part No.	I.D. Hose Size	Pipe Thread	Unit Pkg.
437	1/4"	1/4"	5
438	5/16"	1/4"	5
439	3/8"	1/8"	5
440	3/8"	1/4"	5
442	1/2"	3/8"	5
443	1/2"	1/2"	5



**Hose Barb 90° Elbow
Tube to Male Pipe**

Auveco Part No.	I.D. Hose Size	Pipe Thread	Unit Pkg.
455	1/4"	1/8"	5
456	1/4"	1/4"	5
457	3/8"	1/4"	5

Sec. 14

RIVETS



**Brazier Head
Solid Aluminum Rivets**

Auveco Part No.	Diameter	Length	Head Diameter	Unit Pkg.
9643	3/16"	3/8"	15/32"	100
9644	3/16"	3/8"	15/32"	1000
12528	3/16"	1/2"	15/32"	100
12529	3/16"	1/2"	15/32"	1000
9647	1/4"	3/8"	5/8"	100
9648	1/4"	3/8"	5/8"	1000

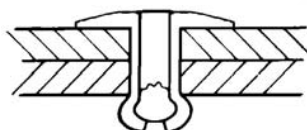
**Refer to pages 316 for
Drill Bits used with Rivets**



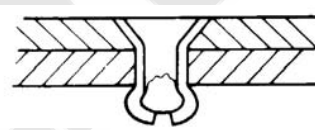
Pan'l Blind Rivets



Dome Head



Large Flange



Countersunk

Auveco Part No. Unit Package Quantity					Head (Flange) Type & Diameter	Rivet Diameter	Grip Range	Rivet Length Exc. Flange	Cross Reference	
25	50	100	500	1000					POP®	Marson Klik-Fast

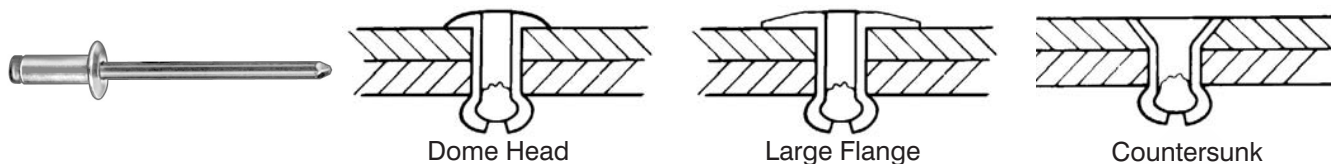
Steel Rivet & Mandrel • Plated

	19045				Dome	3/16"	3/32"	1/8" - 1/4"	23/64"	SD34BS	SB3-4
	19046				Dome	1/4"	1/8"	1/32" - 1/16"	13/64"	SD41BS	SB4-1
	5749	5748	8871		Dome	1/4"	1/8"	1/16" - 1/8"	7/32"	SD42BS	SB4-2
	5751	5750	8872		Cntrsnsk	7/32"	1/8"	1/16" - 1/8"	7/32"	SK42BS	SC4-2
	8291	8290	8873		Lg Flange	3/8"	1/8"	1/16" - 1/8"	7/32"	SD42BSLF	SBL4-2
	8874	8875			Dome	1/4"	1/8"	1/8" - 3/16"	5/16"	SD43BS	SB4-3
	5753	5752	8877		Dome	1/4"	1/8"	3/16" - 1/4"	25/64"	SD44BS	SB4-4
	8303	8302			Cntrsnsk	7/32"	1/8"	3/16" - 1/4"	25/64"	SK44BS	SC4-4
	8293	8292	8879		Lg Flange	3/8"	1/8"	3/16" - 1/4"	25/64"	SD44BSLF	SBL4-4
	8880	8881	8882		Dome	1/4"	1/8"	5/16" - 3/8"	1/2"	SD46BS	SB4-6
	19047				Dome	1/4"	1/8"	3/8" - 1/2"	41/64"	SD48BS	SB4-8
	8883	8884			Dome	5/16"	5/32"	1/16" - 1/8"	7/32"	SD52BS	SB5-2
	8886	8887	8888		Dome	5/16"	5/32"	3/16" - 1/4"	3/8"	SD54BS	SB5-4
	8889				Dome	3/8"	3/16"	1/16" - 1/8"	9/32"	SD62BS	SB6-2
	8892	8893	8894		Dome	3/8"	3/16"	1/8" - 1/4"	7/16"	SD64BS	SB6-4
	18811				Lg Flange	5/8"	3/16"	1/8" - 1/4"	7/16"	SD64BSLF	SBL6-4
	8895	8896	8897		Dome	3/8"	3/16"	1/4" - 3/8"	9/16"	SD66BS	SB6-6
	8305	8304	8898		Lg Flange	5/8"	3/16"	1/4" - 3/8"	9/16"	SD66BSLF	SBL6-6
	8899	8900	8901		Dome	3/8"	3/16"	3/8" - 1/2"	11/16"	SD68BS	SB6-8
	18812				Lg Flange	5/8"	3/16"	3/8" - 1/2"	11/16"	SD68BSLF	SBL6-8
	8902	8903			Dome	3/8"	3/16"	1/2" - 5/8"	13/16"	SD610BS	SB6-10
	18814				Lg Flange	5/8"	3/16"	5/8" - 3/4"	15/16"	SD612BSLF	SBL6-12
	21402				Dome	1/2"	1/4"	5/8" - 3/4"	1"	SD812BS	
	19048				Dome	1/2"	1/4"	3/4" - 1"	1-15/64"	SD816BS	

(Continued on next page)

PAN'L BLIND RIVETS

Sec. 14



Auveco Part No. Unit Package Quantity					Head (Flange) Type & Diameter	Rivet Diameter	Grip Range	Rivet Length Exc. Flange	Cross Reference	
25	50	100	500	1000					POP®	Marson Klik-Fast

Aluminum Rivet • Steel Mandrel

8905	8906				Dome 1/4"	1/8"	1/16" - 1/8"	7/32"	AD42BS	AB4-2
8908	8909				Cntrsknk 7/32"	1/8"	1/16" - 1/8"	7/32"	AK42BS	AC4-2
8911	8912	8913			Dome 1/4"	1/8"	3/16" - 1/4"	3/8"	AD44BS	AB4-4
8914	8915				Cntrsknk 7/32"	1/8"	3/16" - 1/4"	3/8"	AK44BS	AC4-4
19049					Dome 1/4"	1/8"	3/8" - 1/2"	41/64"	AD48BS	AB4-8
19050					Dome 5/16"	5/32"	3/16" - 1/4"	27/64"	AD54BS	AB5-4
8295	8294	8917			Dome 3/8"	3/16"	1/16" - 1/8"	9/32"	AD62BS	AB6-2
8307	8306	8918			Dome 3/8"	3/16"	1/8" - 1/4"	3/8"	AD64BS	AB6-4
8297	8296	8919			Dome 3/8"	3/16"	1/4" - 3/8"	9/16"	AD66BS	AB6-6
19051					Lg Flange 5/8"	3/16"	3/8" - 1/2"	11/16"	AD68BSLF	ABL6-8

Aluminum Rivet & Mandrel

19053					Dome 3/16"	3/32"	1/32" - 1/8"	15/64"	AD32ABS	AB3-2A
8309	8308	8920			Dome 1/4"	1/8"	1/16" - 1/8"	7/32"	AD42ABS	AB4-2A
8299	8298				Cntrsknk 7/32"	1/8"	1/16" - 1/8"	7/32"	AK42ABS	AC4-2A
8922	8923	8924			Lg Flange 3/8"	1/8"	1/16" - 1/8"	7/32"	AD42ABSLF	ABL4-2A
8925	8926	8927			Dome 1/4"	1/8"	3/16" - 1/4"	3/8"	AD44ABS	AB4-4A
8928	8929	8930			Cntrsknk 7/32"	1/8"	3/16" - 1/4"	3/8"	AK44ABS	AC4-4A
8931	8932	8933			Lg Flange 3/8"	1/8"	3/16" - 1/4"	3/8"	AD44ABSLF	ABL4-4A
16031					Dome 1/4"	1/8"	5/16" - 3/8"	1/2"	AD46ABS	AB4-6A
16032					Dome 1/4"	1/8"	3/8" - 1/2"	5/8"	AD48ABS	AB4-8A
20474					Lg. Flange 3/8"	1/8"	3/8" - 1/2"	5/8"		ABL4-8A
18727					Dome 5/16"	5/32"	1/16" - 1/8"	9/32"	AD52ABS	AB5-2A
18728					Dome 5/16"	5/32"	1/8" - 3/16"	11/32"	AD53ABS	AB5-3A
18729					Dome 5/16"	5/32"	3/16" - 1/4"	13/32"	AD54ABS	AB5-4A
18732					Lg Flange 15/32"	5/32"	3/16" - 1/4"	13/32"	AD54ABSLF	
18730					Dome 5/16"	5/32"	1/4" - 3/8"	1/2"	AD56ABS	AB5-6A
18731					Dome 5/16"	5/32"	3/8" - 1/2"	5/8"	AD58ABS	AB5-8A
5755	5754	8934			Dome 3/8"	3/16"	1/16" - 1/8"	9/32"	AD62ABS	AB6-2A
8311	8310	8935			Dome 3/8"	3/16"	1/8" - 1/4"	7/16"	AD64ABS	AB6-4A
19055					Lg Flange 5/8"	3/16"	1/8" - 1/4"	7/16"	AD64ABSLF	ABL6-4A
8301	8300	8936			Dome 3/8"	3/16"	1/4" - 3/8"	9/16"	AD66ABS	AB6-6A
8313	8312	8937			Lg Flange 5/8"	3/16"	1/4" - 3/8"	9/16"	AD66ABSLF	ABL6-6A
8938	8939	8940			Dome 3/8"	3/16"	3/8" - 1/2"	11/16"	AD68ABS	AB6-8A
19056					Lg Flange 5/8"	3/16"	3/8" - 1/2"	11/16"	AD68ABSLF	ABL6-8A
18489					Dome 3/8"	3/16"	1/2" - 5/8"	13/16"	AD610ABS	AB6-10A
19057					Lg Flange 5/8"	3/16"	1/2" - 5/8"	13/16"	AD610ABSLF	ABL6-10A
19058					Dome 1/2"	1/4"	1/4" - 3/8"	39/64"	AD86ABS	AB8-6A

Stainless Steel Rivet & Mandrel

19060					Dome 1/4"	1/8"	3/16" - 1/4"	25/64"	SSD44SSBS	SSB4-4S
19061					Dome 3/8"	3/16"	3/8" - 1/2"	11/16"	SSD68SSBS	SSB6-8S

Stainless Steel Rivet • Steel Mandrel

Replaces Ford No.: 383229-S

To replace welded studs on body. (Use Auveco Rivet Gun 7915 with 7981 Nose Piece.)

11104	11105	11106	Sm. Flange 3/16"	1/8"	3/16" - 1/4"	5/16"	R4357	SSBN4-3
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Sec. 14

RIVET GUNS & ACCESSORIES



Steel Rivet Washers
Zinc

16791

Outer Diameter: 1/2"
For 1/8" Diameter

UNIT PACKAGE: 100

15973

Outer Diameter: 1/2"
For 5/32" Diameter

UNIT PACKAGE: 100

16792

Outer Diameter: 15/32"
For 3/16" Diameter

UNIT PACKAGE: 100

22409

Economy Rivet Gun

Photo not actual size



Overall Length: 10"
With 3/32", 1/8", 5/32" and 3/16" nose pieces.
Replacement accessories are not available

UNIT PACKAGE: 1

7915

Pan'l Rivet Gun

Photo not actual size



Overall Length: 9-1/2"
With 3/32", 1/8", 5/32" and 3/16" nose pieces

UNIT PACKAGE: 1



19215

Replacement Jaws for
Auveco Rivet Gun 7915

UNIT PACKAGE: 1 Set



Nose Pieces

For Auveco Rivet Gun 7915

Auveco Part No.	Description	Unit Pkg.
7981	Use with 1/8" rivet 11104 to replace welded studs	1
7983	For 1/8" diameter rivets	1
7984	For 5/32" diameter rivets	1
7985	For 3/16" diameter rivets	1

11817

Photo not actual size



Rivet gun for setting 3/16" & 1/4" rivets.
Use to install "Peel-Type" Rivets.
Comes complete with 3/16" and 1/4" standard nose pieces plus a nose piece for 1/4" "Peel Type" rivets.
Length: 22"

UNIT PACKAGE: 1



19132

Nose piece for 1/8" standard rivets
Auveco 11817 Accessory

UNIT PACKAGE: 1



19133

Nose piece for 3/16" standard rivets
Auveco 11817 Accessory

UNIT PACKAGE: 1



19134

Nose piece for 1/4" standard rivets
Auveco 11817 Accessory

UNIT PACKAGE: 1



11853

Nose piece for 1/4" "Peel Type" rivets.
Auveco 11817 Accessory

UNIT PACKAGE: 1

RIVET GUNS & ACCESSORIES

Sec. 14



14799

Replacement jaws repair kit for Auveco Rivet Gun 11817

UNIT PACKAGE: 1



21655

Nose Piece
For 3/16" Monobolts
Auveco 11817 Accessory

UNIT PACKAGE: 1



21656

Nose Piece
For 1/4" Monobolts
Auveco 11817 Accessory

UNIT PACKAGE: 1



13808

For 3/16" Rivets
Nose piece for setting
Auveco Klamp-Tite Rivets with
a Pneumatic Tool.

UNIT PACKAGE: 1



19066
Rivet Gun

Photo not actual size

Overall Length: 21"
With nose pieces for 3/32", 1/8", 5/32",
3/16" & 1/4" diameter rivets.

UNIT PACKAGE: 1



13756

Rivet Setter Gun
For Nylon Rivets

For use with nylon
(plastic) blind rivets.

A durable tool that sets all
sizes with a single stroke.
All steel construction.
Not for use with metal rivets.
Length: 6-1/2"

UNIT PACKAGE: 1

TIPS FOR NAVIGATING THE CATALOG

• Color Coded Pages

- Yellow**- New Items
- Blue**- Metric Items
- Brown**- Electric Accessories
- Green**- Assortments, Cabinets, Bins and Racks
- Gray**- Key Blanks & Accessories
- Pink**- Import Car Body Hardware

• Specification Charts

- Body Bolts**- Pages: 88 & 121-122
- Special Tapping Screws**- Pages: 91-94 & 128-130
- License Plate Screws**- Pages: 105-106
- Retainers**- Pages: 475-489
- Push-Type Retainers**- Pages: 534-545

• Indexes. Located in the front

- Pictorial**
- Alphabetical**
- Numerical**

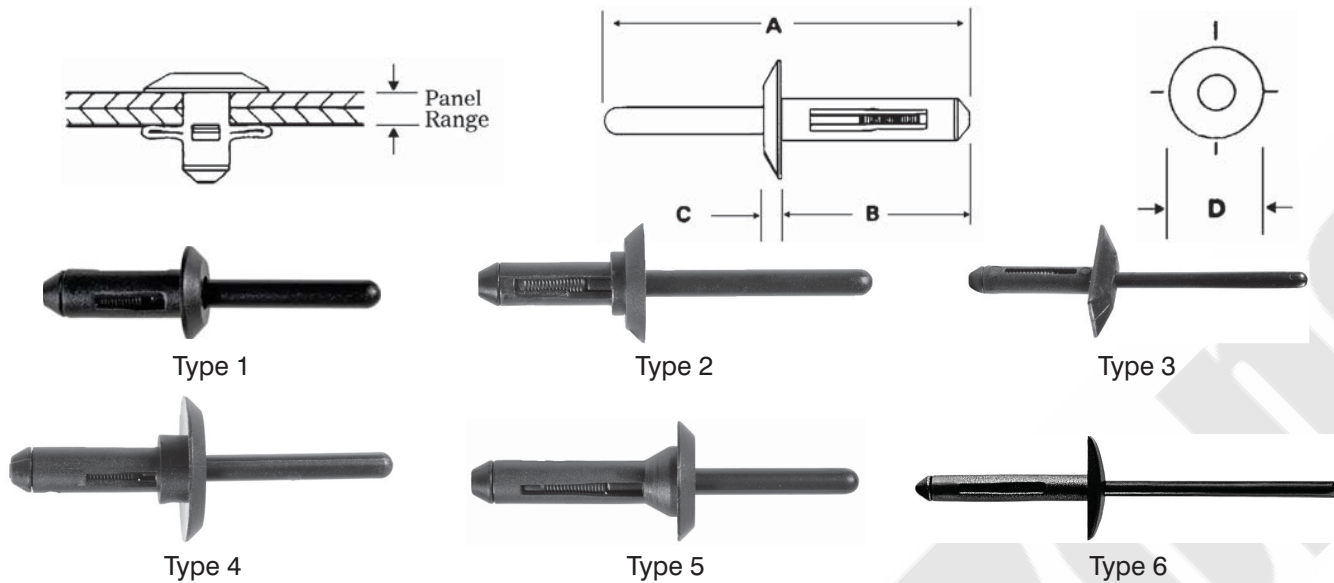
- Images are actual size unless noted otherwise
- OEM Part Cross Reference: Indexed according to OEM number and Part Number. Located in the back

Located in the front after the numerical index

- Screw Identification charts: head styles, driving recesses, point styles and sizing.
- List of common terminology with brief descriptions
- Plating and finish types with brief descriptions

Sec. 14

AUTOMOTIVE O.E.M. NYLON BLIND RIVETS



Auveco Part No.	Type	Color	O.E.M. Number	Hole Diameter	Panel Range (Grip)	A	B	C	D	Unit Pkg.
17220	3	Black	GM: 21094747	5/32"	7/64"-7/32"	1-7/8"	3/4"	3/32"	**	50
15187	6	Black	Ford: N804583S	4mm	6mm-10.5mm	65mm	26mm	2.5mm	***	25
13746	1	Black	GM: 20612732	3/16"	1/16"-9/64"	1-7/8"	23/32"	3/32"	11/32"	25
18501	1	Black	Chry: 6502689	3/16"	5/32"-1/4"	1-27/32"	21/32"	1/16"	11/32"	25
21327	1	Black	GM: 11588308	4.95mm	3mm - 6mm	48mm	18mm	1.7mm	9mm	25
13747	1	Black	GM: 20423647, Ford: N804189S	13/64"	1/16"-11/64"	1-7/8"	23/32"	1/8"	15/32"	25
14005	1	Black	GM: 20465395, Chry: 6004212	13/64"	1/8"-5/32"	1-13/16"	21/32"	1/16"	11/32"	25
13748	1	Black	GM: 20432975 VW: 175-853-57701C, Chry: 6503800, Ford: N804343S	13/64"	1/8"-15/64"	1-7/8"	25/32"	1/16"	15/32"	25
13754	1	Black	Chry: 6500859	13/64"	1/8"-3/16"	1-7/8"	25/32"	1/16"	15/32"	25
13755	1	Black	Chry: 6500898 GM: 15718794	13/64"	15/64"-25/64"	2"	1"	1/16"	15/32"	25
14004	1	Black	GM: 25524005	15/64"	11/64"-11/32"	2-3/64"	1-1/8"	3/32"	1/2"	25
14023	1	Black	GM: 10036503	15/64"	5/32"-5/16"	2-1/8"	1-5/32"	3/32"	5/8"	25
18913	1	Black	Chry: 6503938	15/64"	5/32"-9/32"	2-5/32"	1-1/16"	3/32"	1/2"	25
20754	1	Black	BMW: 51-71-7-002-953-2	6mm	2.5mm-4.8mm	53mm	22mm	2.5mm	20mm	25
18028	2	Black	Chry: 4630088	1/4"	1/32"-11/64"	2-3/16"	13/16"	3/32"	21/32"	25
18031	2	Black*	Chry: 4630660	1/4"	1/32"-3/16"	2-1/8"	3/4"	3/32"	21/32"	25
15488	4	Black	GM: 10069112	1/4"	3/64"-5/32"	2-3/16"	15/16"	7/64"	13/16"	50
18242	5	Black	Chry: 6501509	1/4"	3/64"-3/16"	2-7/32"	1-1/8"	3/32"	25/32"	25
13749	1	White	GM: 14070914	1/4"	5/32"-15/64"	2-3/16"	23/32"	3/32"	21/32"	25
21446	1	Black	Chry: 6508444-AA	1/4"	5/32"-15/64"	2-3/16"	1-1/8"	3/32"	1-1/32"	15
18502	1	Black	General Purpose	1/4"	5/32"-1/4"	2-3/16"	23/32"	3/32"	21/32"	25
21028	1	Black	GM: 15614746	1/4"	5/32"-3/8"	2-3/16"	1-1/8"	3/32"	21/32"	25
18108	1	Black	Chry: 34201631	1/4"	5/32"-3/8"	2-7/32"	1-1/8"	3/32"	11/16"	25
17496	1	Gray	AMC: 8934-201-835	1/4"	5/32"-3/8"	2-7/32"	1-1/8"	3/32"	11/16"	25
14012	1	White	GM: 15506827	1/4"	5/32"-13/32"	2"	1-1/8"	3/32"	21/32"	25

* Black Rivet Body, White Mandrel

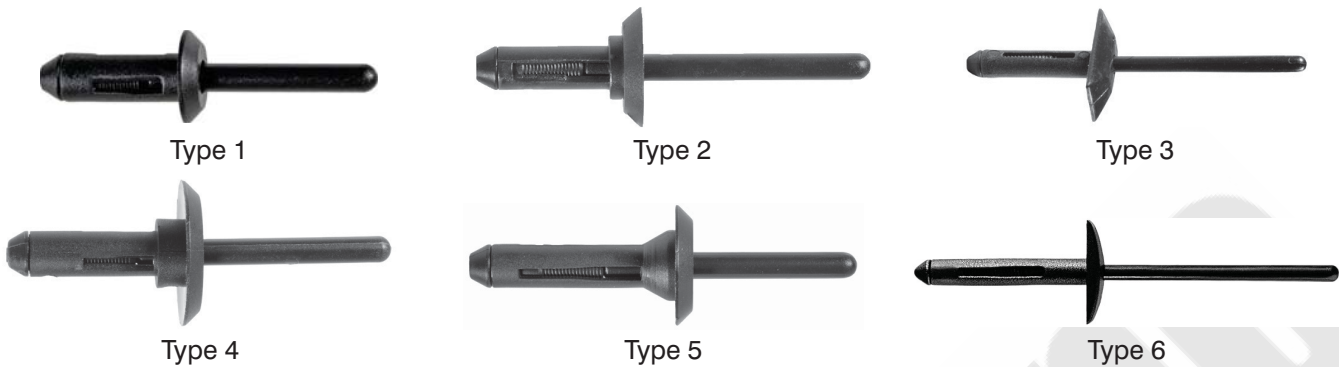
** 5/16" x 19/32"

*** 8.5mm x 15.5mm

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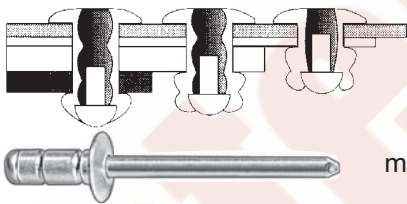
AUTOMOTIVE O.E.M. NYLON BLIND RIVETS

Sec. 14



Auveco Part No.	Type	Color	O.E.M. Number	Hole Diameter	Panel Range (Grip)	A	B	C	D	Unit Pkg.
13751	1	Black	GM: 10184895 Ford: N803862-S Chry: 6501559,6506007-AA	1/4"	5/32"-13/32"	2-3/16"	1-3/32"	3/32"	1/2"	25
13750	1	Black	GM: 14063981 Ford: N803043-S Chry: 6500911, 6504700	1/4"	5/32"-13/32"	2-3/16"	1-3/32"	3/32"	21/32"	25
15491	1	Black	Ford: N804759-S	1/4"	19/64"-27/64"	2-1/8"	13/16"	3/32"	21/32"	25
17101	1	Black	Ford: N804675S Chry: 4370138, 6503860	1/4"	5/16"-15/32"	2-9/32"	1-1/4"	3/32"	21/32"	25
22139	4	Black	Ford: N803739-S	6.3mm	.70-.85mm	56mm	20mm	3mm	18mm	25
13752	1	Black	GM: 15955172, 20421672	17/64"	3/32"-3/16"	1-7/8"	25/32"	3/32"	1/2"	25
13753	1	Black	GM: 20433026 VW: 175-853-577A	17/64"	3/32"-3/16"	1-7/8"	25/32"	3/32"	23/32"	25
15490	1	Black	GM: 10109689, 12337915	9/32"	3/32"-15/64"	2-3/16"	15/16"	3/32"	23/32"	25

Note: Use rivet guns 13756 to install all of the above rivets.



POP® MULTI-GRIP BLIND RIVETS

Functions in a Wide Range of Material Thickness

The Multi-Grip rivet will serve in applications where solid, soft materials and thicknesses normally require several rivet sizes. Oversize, irregular or misaligned holes are automatically compensated for by self-adjusting hole-filling capability. The mandrel head is retained in the rivet body, forming a tight, weather resistant seal.

Auveco Part No.	Head Style & Diameter	Rivet Diameter	Hole Size	Grip Range	Rivet Length Excluding Flange	Unit Pkg.	Pop® No.
Aluminum Rivet • Steel Mandrel							
19033	Large Flange 3/8"	1/8"	.129"-.142"	3/64"-3/16"	21/64"	100	AD41-43BSLF
19025	Dome 1/4"	1/8"	.129"-.142"	5/32"-5/16"	15/32"	100	AD43-45BS
19034	Large Flange 3/8"	1/8"	.129"-.142"	5/32"-5/16"	15/32"	100	AD43-45BSLF
19026	Dome 1/4"	1/8"	.129"-.142"	1/4"-7/16"	39/64"	100	AD45-47BS
18743	Dome 5/16"	5/32"	.160"-.173"	3/64"-1/4"	13/32"	100	AD52-54BS
17468	Large Flange 15/32"	5/32"	.160"-.173"	3/64"-1/4"	13/32"	50	AD52-54BSLF
19027	Dome 5/16"	5/32"	.160"-.173"	1/8"-5/16"	1/2"	50	AD53-55BS
18744	Dome 3/8"	3/16"	.192"-.205"	1/16"-1/4"	7/16"	50	AD62-64BS
19036	Large Flange 5/8"	3/16"	.192"-.205"	1/16"-1/4"	7/16"	50	AD62-64BSLF
19028	Dome 3/8"	3/16"	.192"-.205"	3/16"-3/8"	5/8"	50	AD63-66BS
19029	Dome 3/8"	3/16"	.192"-.205"	1/4"-1/2"	47/64"	50	AD66-68BS
19037	Large Flange 5/8"	3/16"	.192"-.205"	1/4"-1/2"	47/64"	50	AD66-68BSLF
19030	Dome 3/8"	3/16"	.192"-.205"	7/16"-3/4"	1-1/16"	50	AD68-612BS
19031	Dome 1/2"	1/4"	.261"-.275"	5/64"-11/32"	39/64"	25	AD82-86BS

Sec. 14

AVEX® BLIND RIVETS

What makes Avex different and better?

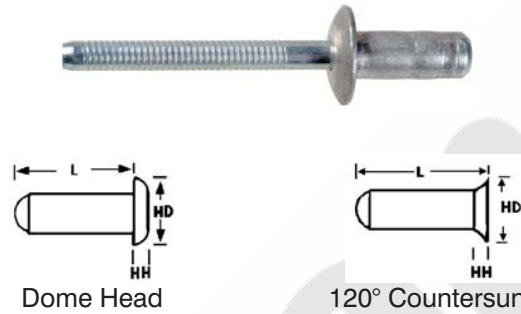
The Avex rivet adds important and exclusive features to those offered by ordinary blind rivets. The unique advantages designed into the Avex rivet allow for its use:

In wide-tolerance holes. Since the rivet can expand up to its own head diameter, accurate hole sizing or alignment is not necessary.

To pull sheets together. The extraordinary rivet tail expansion automatically effects superior clamp-up action on the parts being assembled.

Over a vast range of thicknesses. The “dubble-bubble” expansion feature offers the capability to fasten securely in both thick and thin grip ranges with a single length rivet.

While providing a sealed stem. The rivet material flows both behind and in front of the mandrel insuring a positively retained and sealed stem.



Auveco Part No. Unit Package Quantity				Head (Flange) Style	Rivet Diameter	Grip	Length L	Flange Diameter HD	Flange Height HH	Hole Size
25	100	500	1000							
10336	10337			Countersunk	1/8"	To 1/4"	15/32"	.205"	.030"	.136"
10351	10352			Dome	5/32"	To 1/4"	15/32"	.255"	.057"	.166"
10357	10358	10359		Dome	3/16"	To 7/16"	23/32"	.349"	.070"	.199"
10345	10346			Countersunk	3/16"	To 1/2"	25/32"	.339"	.050"	.199"
17654	17655			Dome	1/4"	To 11/32"	21/32"	.500"	.094"	.268"

Avex® Brazier Head Rivet



17433
Yellow Zinc

Diameter: 3/16"
Grip: 3/16"-7/16"
Head Diameter: 15/32"
Body Length: 11/16"
Aluminum Rivet & Steel Mandrel

UNIT PACKAGE: 50

Large Head 3/16" Plywood Rivets



Non-Structural
Break Mandrel Rivets
Aluminum Rivet & Steel Mandrel (Plated)

Auveco Part No.	Grip	Head Diameter	Head Thickness	Hole Size & Drill	Unit Pkg.
13805	3/8"-1/2"	5/8"	3/32"	.192 to .196"	50
13807	7/8"-1"	5/8"	3/32"	#11	50

Stavex® Large Flange Rivets

- Large flange head enables soft, pliable materials to be fastened
- All steel construction (zinc plated) provides high shear and tensile values.
- Typical applications:
 - Plastic energy absorbing strip to automotive bumper
 - Plywood liners to both sidewalls and roofs in truck bodies and trailers



Auveco Part No.	Diameter	Grip	Flange Diameter	Hole Size	Unit Pkg.
16988	3/16"	3/64"-1/4"	5/8"	.192-.196"	25
16989	3/16"	1/16"-3/8"	5/8"	.192-.196"	25