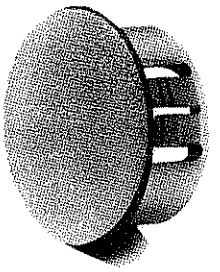
Heyco® Dome Plugs



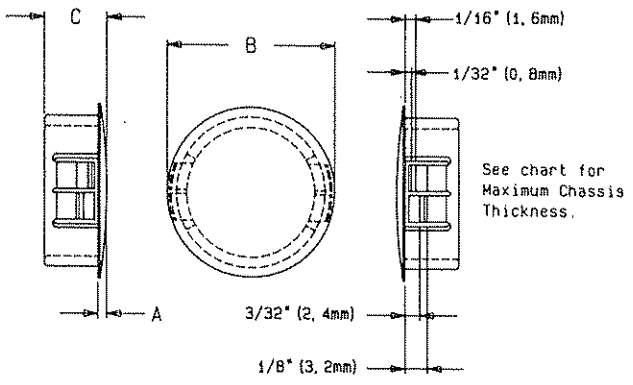
CHASSIS DIMENSIONS				PART NO.		UL/CSA DESCRIPTION	PART DIMENSIONS					
Maximum Thickness		Mounting Hole Diameter		Black	White		B Head Diameter		C Overall Height		A Head Thickness	
in.	mm.	in.	mm.				in.	mm.	in.	mm.	in.	mm.
.062	1,6	.187	4,7	2590	2591	DP-187	.250	6,4	.234	5,9	.062	1,6
		.250	6,4	2603	2604	DP-250	.312	7,9	.312	7,9		
		.312	7,9	2613	2614	DP-312	.375	9,5				
.125	3,2	.375	9,5	2617	2618	DP-375	.468	11,9	.406	10,3		
		.437	11,1	2633	2634	DP-437	.531	13,5				
		.500	12,7	2643	2644	DP-500	.578	14,7				
		.562	14,3	2653	2654	DP-562	.656	16,7				
		.625	15,9	2663	2664	DP-625	.718	18,2				
		.687	17,4	2673	2674	DP-687	.781	19,8				
		.750	19,1	2683	2684	DP-750	.921	23,4				
		.812	20,6	2693	2694	DP-812	.890	22,6				
Popular →		.875	22,2	2703	2704	DP-875	1.015	25,8	.453	11,5		
		1.000	25,4	2713	2714	DP-1000	1.203	30,6				
		1.093 1.125	27,8 28,6	2723	2724	DP-1093	1.218	30,9				
		1.187	30,1	2733	2734	DP-1187	1.312	33,3				
		1.250	31,8	2740	2741	DP-1250	1.375	34,9				
		1.375	34,9	2753	2754	DP-1375	1.500	38,1				
		1.500	38,1	2763	2764	DP-1500	1.671	42,4				
		1.750	44,5	2773	2774	DP-1750	1.906	48,4				
		2.000	50,8	2783	2784	DP-2000	1.140	54,4	.468	11,9	.078	2,0

Standard Color: Black. White and others available at extra charge (only in large quantites).

Hunky Plugs

.250	6,4	2.093- 2.125	53,2 54,0	2403	2404	DP -2.093	2.343	59,5	.750	19,1	.109	2,8
		2.250	57,2	2411	2412	DP- 2.25	2.421	61,5				
		2.500	63,5	2790	2791	DP- 2.5	2.718	69,0				
		3.000	76,2	2455	2456	DP -3.0	3.171	80,5				
		3.375	85,7	2482	2483	DP-3.375	3.656	92,9				
		3.500	88,9	2464	2465	DP-3.5						
		4.000	101,6	2473	2474	DP-4.0	4.156	105,6				

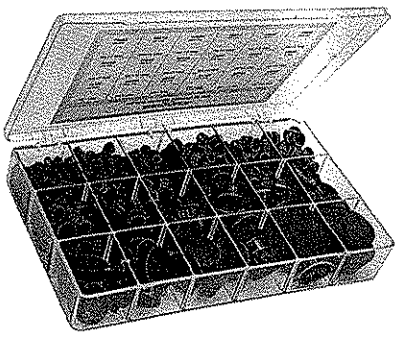
Standard Color: Black. White and others available at extra charge (only in large quantities).



Recognized under the Component Program of Underwriters' Laboratories File #E-15331

Certified by Canadian Standards Association File #LR-8919

- Close unneeded chassis holes.
- Convex, matte finish head tapers to thin edge.
- Twenty-seven sizes for use in 3/16″ (4,8mm) to 4″ (101,6mm) diameter holes.
- Lock firmly into chassis up to 1/4″ (6,4mm) thick.
- Quick and easy installation.
- Molded of type 6/6 nylon. ASTM D-4066-82; flammability classification 94V-2; temperature index 105° C.

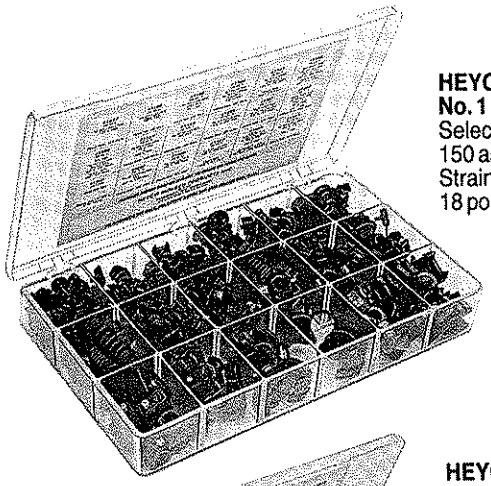


LabKit No.3 (Part #2997) Perfect for product design departments, experimental labs and for all prototype work. LabKit contains an assortment of the most popular sizes of hole, vent and pry out plugs. Pertinent information on each size is attached inside the box lid. *See page 7-25 for more details.*

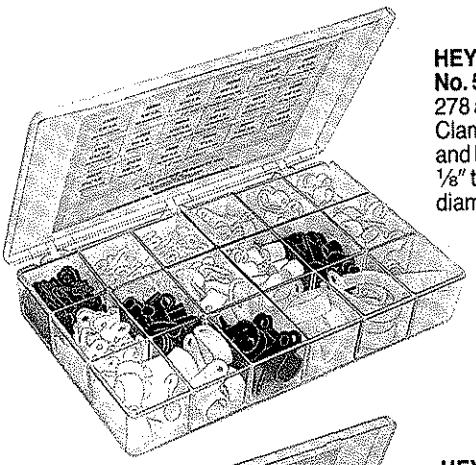
Heyco Molded Products, Inc.
"The Flexible Ones"
Box 160, Kenilworth, N.J. 07033
1-800-526-4182 • (908) 245-0033 (NJ)
Fax (908) 245-3238

Heyco® LabKits™

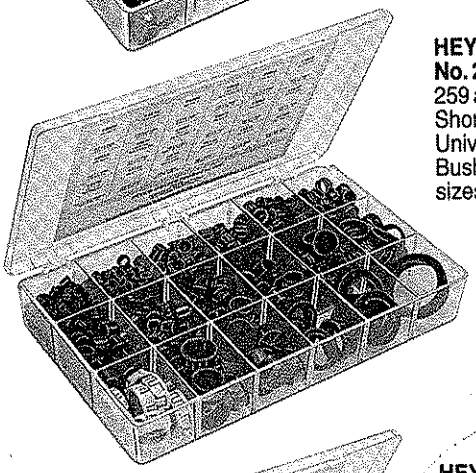
HEYCO LABKITS™ provide working assortments of HEYCO Nylon Strain Relief Bushings, Insulating Bushings, Hole Plugs, Hose Clamps, Cable Clamps, Wire Connectors and Liquid-Tight Fittings for prototype and laboratory use. An essential tool for product design departments and experimental research, each clear plastic box contains an assortment of the most popular part sizes. Mounted inside the box lid, pertinent information describes the contents of each compartment.



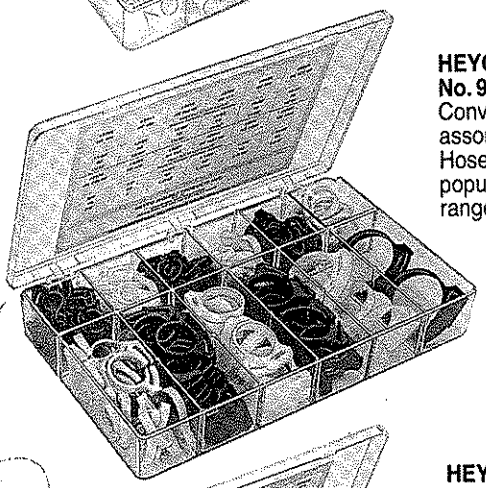
HEYCO LABKIT
No. 1 (Part #1999)
Select from over 150 assorted Heyco Strain Reliefs in 18 popular sizes.



HEYCO LABKIT
No. 5 (Part #3399)
278 assorted Nylon Cable Clamps for standard and heavy duty use from 1/8" to 1-1/2" diameter applications.

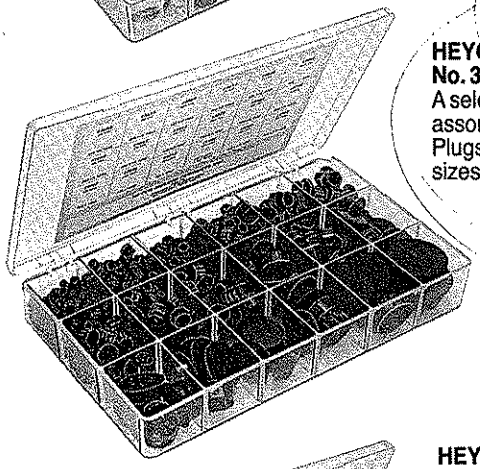


HEYCO LABKIT
No. 2 (Part #2999)
259 assorted Heyco Shorty, Snap and Universal Insulating Bushings in 18 popular sizes.

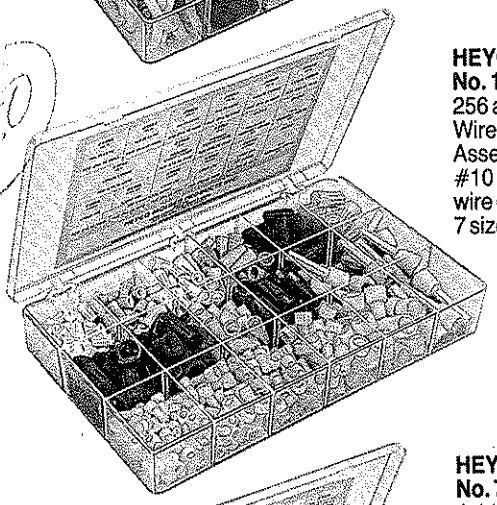


HEYCO LABKIT
No. 9 (Part #2399)
Convenient 115 piece assortment of Heyco Hose Clamps in 12 popular sizes for Clamp ranges from 11/32" to 1-5/8".

CABLE Wisconsin 1-800-558-4388



HEYCO LABKIT
No. 3 (Part #2997)
A selection of 257 assorted Heyco Hole Plugs in 18 popular sizes.



HEYCO LABKIT
No. 10 (Part #2901)
256 assorted Heyco Wire Connectors and Assembly Driver Bits for #10 thru #22 AWG wire combinations. 7 sizes.



HEYCO LABKIT
No. 4 (Part #2998)
More than 100 assorted Insulating Bushings, Knock-out Seals and Strain Reliefs for 1/2" KO (7/8") and 3/4" KO (1-3/32") holes.



HEYCO LABKIT
No. 78 (Part #3297)
A 44 piece assortment of Heyco Liquid Tight Fittings for standard and flex-protecting applications in 12 popular sizes.

Heyco Molded Products, Inc.
"The Flexible Ones"
Box 160, Kenilworth, N.J. 07033
1-800-526-4182 • (908) 245-0033 (NJ)
Fax (908) 245-3238

Vehicle Spec/Bill of Material Inquiry
Installation/Bill of Material Parts List

Serial no: 566764
Item no: 824-C00811 Desc: FRONTWALL,FLD,ELEC,CAB MIRR

Component	Item Description	Qty.	UM
A18-23540-001	BEAM-HEADER,WSHLD,CONV	1.000	EA
A18-25063-002	NOSE SKIN-CONV,RH	1.000	EA
A18-25063-008	NOSE SKIN-CONV,LH	1.000	EA
A18-25610-001	FRAME-WINDSHIELD MASK	1.000	EA
A18-25686-001	NOSEBEAM,ONE-PIECE,CONV	1.000	EA
A18-26967-001	FIREWALL-CENTER,CONV	1.000	EA
A18-28873-001	SKIN-NOSE,CENTER,CONV	1.000	EA
D14-12083-000	INSTL-STEERING BOOT,CONV	R	EA
D18-24719-001	INSTL-MASK/HEADERBEAM,CONV	R	EA
D18-24721-000	INSTL-WINDSHIELD SEAL,COE/C	R	EA
D18-26971-000	INSTL-FIREWALL,CONV	R	EA
D18-28013-000	INSTL-CNTR NOSESKIN,SLPRCAB	R	EA
D18-28533-000	DIAG-CENTER NOSESKIN,CONV	R	EA
14-09254-000	BUSHING-STEERING BOOT	1.000	EA
14-12078-000	BOOT-STEERING COLUMN,CONV	1.000	EA
18-23534-001	POST-CTR,HEADERBEAM SUPT	1.000	EA
18-25559-000	STIFFENER-COWL,USF1E	2.000	EA
18-26969-000	FIREWALL LWR CONV	1.000	EA
18-27580-000	SPLICE PLT-NOSEBEAM,70"SLPR	1.000	EA
18-28198-000	ANGLE-CAB LEG	2.000	EA
18-28936-000	REINF-NOSESKIN,SLEEPERCABS	1.000	EA
23-00600-010	WASHER-PLATED STL,NO.10	4.000	EA
23-10000-602	RIVET-BLIND,LG FLG,3/16,GRP	10.000	EA
23-11476-706	SCREW-MACH,PHIT,PCHLK,10-24	4.000	EA

PF1=Help PF3=Menu PF12=Exit PF20=Return to Spec PF21=BOMs
05/16/95 14:28:05 Display complete Total: 24 COMPONENTS

23-9780 thru 23-9792

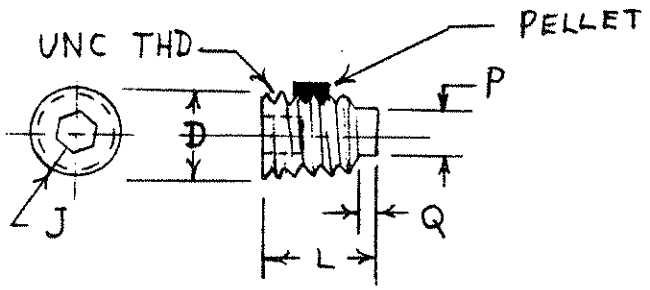
General Use Part

PRINT ISSUED	TITLE	PART NO.
3/29/71	SET SCREW, HALF DOG POINT HEX SOCKET, UNC THD, NYLON LOCK	23-9780 thru 23-9792
LAST CHG LTR.		SHEET OF

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS

SKETCH



PART NUMBERS

THREAD (UNC)	D MAJ. DIA.	J HEX SOCKET	P DIA. (MAX.)	Q LENGTH (MIN.)	FREIGHTLINER PART NUMBER *
2-56	.0854	.035	.057	.020	23-9780-L
4-40	.1112	.050	.075	.026	9781
6-32	.1372	1/16	.092	.03	-9782
8-32	.1631	5/64	.109		-9783
10-24	.1890	3/32	.12		-9784
1/4 -20	.2489	1/8	5		-9785
5/16-18	.3113	5/			-9786
3/8 -16	.3737				-9787
7/16-14	.4361		64		-9788
1/2 -13	.4985		11/32	.120	-9789
5/8 -11	.6234	16	15/32	.148	-9790
3/4 -10	.7482	3/8	9/16	.180	-9791
7/8 - 8	.8731	1/2	21/32	.211	-9792

REMOVE & DESTROY

* To complete the part number, add a 3-digit dash number, L, expressing the length in hundredths of an inch, thus: For a 3/8-16 half-dog point set screw 1/2 inch long, write 23-9787-050.

ENGINEERING NOTES

(1) Material: Grade 8 Bolt Material, RHN C (Min.) 36; Except Pellet, Zytel 101 or equal.

2. Set screws shall conform to applicable provisions of Am. Std. B18.3.

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-11-71		(1)	

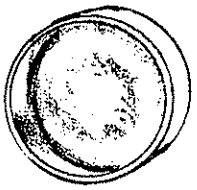
Portland FREIGHTLINER CORPORATION Oregon 97208

23-9079

General Use Part

PRINT ISSUED		TITLE	PART NO.
		PLUG, CUP EXPANSION, STEEL	23-9079
LAST CHG. LTR.			SHEET 1 OF 1

SKETCH



PART NUMBERS

APPROX. FRACTIONAL SIZE	DECIMAL SIZE ±.005	MANUFACTURER'S NUMBER		FREIGHTLINER PART NUMBER
		DRM		
1-1/4"	1.253	P23C		23-9079-000

ENGINEERING NOTES

(1.) Material: Bright-Plate Chromate-Coated Steel

CHG	BY	DATE	WAS

CHG	BY	DATE	WAS
-	-	-	Job #A0098

COMPILED	RLR	DATE DRAWN		MATERIAL	
APPROVED	Rollins	2-16-73		(1.)	

ns

Portland FREIGHTLINER CORPORATION Oregon 97208

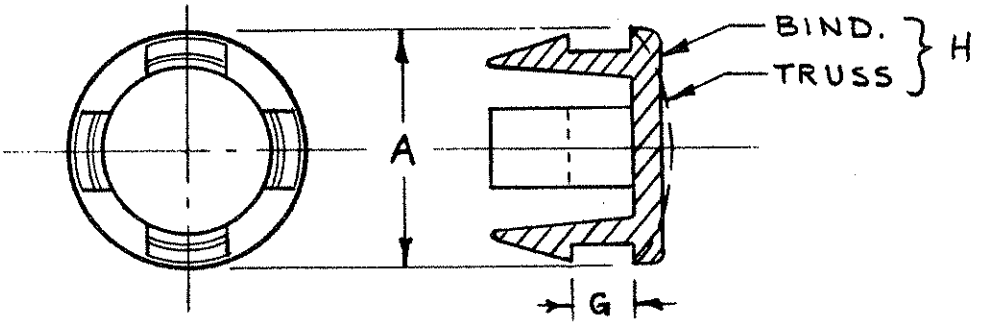
E-183

23-9276

General Use Part

PRINT ISSUED	TITLE	PART NO.
3/29/71	PLUG, HOLE FOUR PRONG, PLASTIC	23-9276
LAST CHG. LTR.		SHEET OF

SKETCH



PART NUMBERS

HOLE SIZE			A	G	H	COLOR	MANUFACTURER'S NUMBER		FREIGHTLINER
NOM.	MAX.	MIN.	HEAD DIA.	GRIP (MAX.)	HEAD TYPE		FAS		PART NUMBER
11/16	.692	.687	.812	.165	BIND.	Black	207-440541-00-0108		23-9276-000
						Brown	-01XX*		-001
1/2	.505	.495	.687	.125	Truss	Black	207-320401-00-0108		-010
						Brown	-01XX*		-011
1/4	.245	.240	.500	.069	Truss	Black	207-160201-03-0108		-020
						Brown	-01XX*		-021

*Color to be specified.

ENGINEERING NOTES

(1) Material: Polystyrene

WAS.	DATE	BY	CHG

WAS	DATE	BY	CHG

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		2-19-71		(1)	

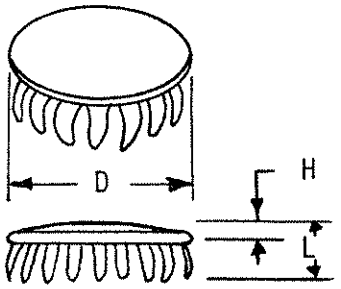
Portland FREIGHTLINER CORPORATION Oregon 97208

General Use Part

23-9430

ORIGINAL JOB NO.	TITLE	PART NO.
C1696	PLUG, HOLE STL, NI PLATED OR STAINLESS	23-9430
LAST CHG LTR: F		SHEET 1 OF 1

SKETCH:



PART NUMBERS:

HOLE SIZE	GRIP MIN	GRIP MAX	L	D	H	MANUFACTURER'S NUMBERS AUV	WAF	STI	DOT	UCF	FREIGHTLINER PART NUMBER*
1/4						3750					23-9430-008
9/32										SS51071	-009
5/16										SS50134	-010
11/32						8012					-011
3/8						3751				SS48154	-012
13/32			.38							SS48182	-013
7/16						8013					-014
1/2						3752	7310				-016
5/8						3753					-020
3/4						3754	7315				-024
7/8						3755					-028
1						3756					-032
1-1/16	.03	.12	19/64	1-5/16	3/32			D3811			-034
1-1/4									SS50726		-040

*Dash number is hole size in 32nd's of an inch.

ENGINEERING NOTES:

① MATERIAL: Steel, Nickel Plated or Stainless

54

CHANGE INFORMATION	DATE	BY	JOB NO.	LTR

CHANGE INFORMATION	DATE	BY	JOB NO.	LTR
Revised & Redrawn, Add -9, Revised -8, -10	6/26/80	LD	C1696	F

COMPILED	LD	DATE DRAWN		MATERIAL	
APPROVED		6/26/80		①	

EAC-830

Portland **FREIGHTLINER CORPORATION** Oregon 97208

F

23-9701

General Use Part

PRINT ISSUED	TITLE	PART NO.
4/30/71	BUTTON, SOCKET ATTACHMENT SNAP FASTENER	23-9701
LAST CHG LTR.		SHEET 1 OF 1

SKETCH



PART NUMBERS

NOM SIZE (ID)				MANUFACTURER'S NUMBERS			FREIGHTLINER PART NUMBER
				UCF			
(2)				X2-10128			23-9701-000

ENGINEERING NOTES

(1) Material: Steel

(2) May be used to fasten Socket 23-9700 which mates with Snap Fastener Stud 23-9699.

WAS	CHG	BY	DATE

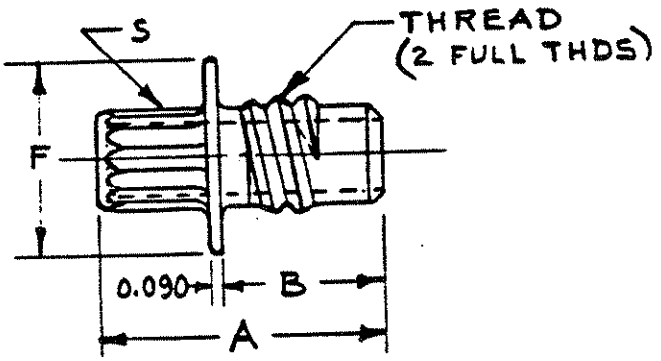
WAS	CHG	BY	DATE

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		4-9-71		(1)	

General Use Part

PRINT ISSUED	TITLE	PART NO.
5/2/71	PLUG, THREADED PLASTIC (FOR AN, JIC, SAE FLARED FITTINGS)	23-9758
LAST CHG LTR		SHEET 1 OF 1

SKETCH



PART NUMBERS

TUBE SIZE O.D.	THREAD	A ± 1/32	B ± .010	F	S	MANUFACTURER'S NUMBER CLV	MANUFACTURER'S NUMBER	FREIGHTLINER PART NUMBER
1/8	5/16-24	45/64	.312	39/64	5/16	400-2		23-9758-002
3/16	3/8 -24	49/64	.381	39/64	5/16	400-3		-003
1/4	7/16-20	7/8	.491	39/64	5/16	400-4		-004
5/16	1/2 -20	7/8	.506	39/64	5/16	400-5		-005
3/8	9/16-18	31/32	.518	3/4	9/16	400-6		-006
3/8	5/8 -18	31/32	.500	3/4	9/16	400-7		-007
1/2	3/4 -16	1-3/32	.631	1	9/16	400-8		-008
5/8	7/8 -14	1-7/32	.755	1	9/16	400-10		-010

ENGINEERING NOTES

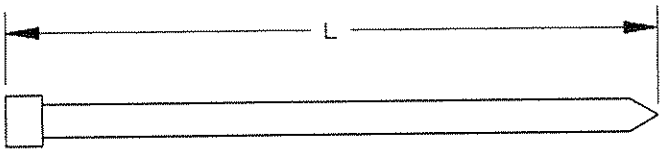
(1) Material: Plastic

Color: Yellow

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED	BRAY	5-13-71		(1)	

Portland FREIGHTLINER CORPORATION Oregon 97208

DRAWN	DAJ	TITLE	DRAWING NUMBER	
APPRV	DAJ	TIE-CABLE	23-09796	
DATE	06/24/98	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. M
CATIA ORIGINAL				



CABLE BUNDLE DIA	COLOR	LOOP TENSILE STRNGTH (LBS)	L APPRX LENGTH (IN)	VENDOR/PN					FREIGHTLINER PART NUMBER
				PAN	AMP	TYC	DIS	VISION	
0-3/4	NAT BLK	18	4	PLT 1M PLT 1MO	1-604771-9	T18R T18R-BK	08-432 08-404		23-09796-100 23-09796-109
0-1 1/4	NAT BLK	18	5 3/8	PLT 1.5M PLT 1.5MO					23-09796-200 23-09796-209
	NAT BLK	30	5 3/8	PLT 1.5I PLT 1.5IO		T30R T30R-BK	08-376 08-40		23-09796-210 23-09796-219
0-1 3/4	NAT BLK	50	8	PLT 2S PLT 2SO	1-604772-9 1-604772-0	T50R-C T50R-BK	08-387 08-402		23-09796-300 23-09796-309
0-2	NAT BLK	120	8	PLT 2H PLT 2HO		T120S T120S-BK			23-09796-350 23-09796-359
0-3	NAT BLK	30	11	PLT 3I PLT 3IO		T50I T50I-BK	08-600 08-056		23-09796-400 23-09796-409
	NAT BLK	50	11	PLT 3S PLT 3SO			08-600 08-056		23-09796-410 23-09796-419
0-4	BLK	120	11 3/8			T120I			23-09796-420
	NAT BLK	50	14 3/4	PLT 4S PLT 4SO	1-604774-9	T50L T50L-BK	10-036 08-416		23-09796-500 23-09796-509
	NAT BLK	120	14 3/4	PLT 4H PLT 4HO	1-604773-9 1-604773-0	T120R T120R-BK	10-038 08-403		23-09796-600 23-09796-609
	BLK	175	18					18-175	23-09796-619
0-8	NAT BLK	175	27 1/2	PLT 8H PLT 8HO		T150L T150L-BK			23-09796-700 23-09796-709

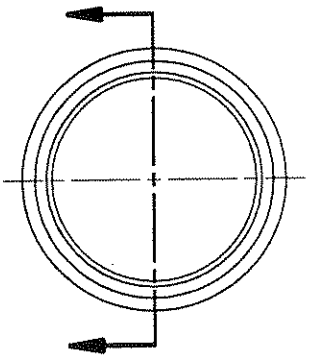
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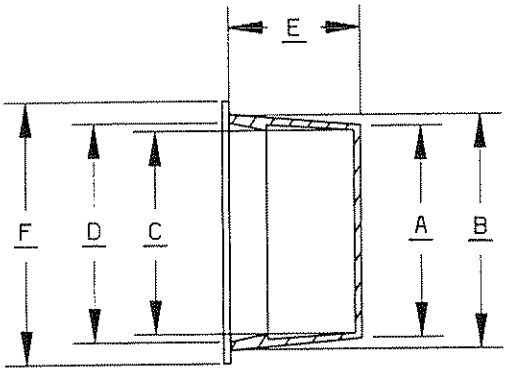
ENGINEERING NOTES:

1. MATERIAL: NYLON
2. COLOR: BLACK IS WEATHER RESISTANT, PREFERRED FOR EXPOSED AREAS.

CHG	JOB NO	DATE	BY	REVISION
L	PC3207-19	06/24/98	DAJ	REVISED AND REDRAWN IN CATIA, ADDED -619.
M	PA2042-95	08/06/99	CGD	CORRECTED 23-09796-309/-300 LENGTH AND VENDOR P/N

DRAWN	LFB	TITLE CAP-PLUG, TAPER PLASTIC	DRAWING NUMBER 23-09799
APPRV	DAJ		
DATE	10/20/99	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. E
CATIA ORIGINAL			





DIMENSIONS						COLOR	MANUFACTURER'S NUMBER			FREIGHTLINER PART NUMBER
A	B	C	D	E	F		CLV	CAPLUG	AFJ	
.236	.302	.174	.240	.38	.44	RED	-	1	-	23-09799-001
.530	.615	.468	.553	.37	.94	YEL	207	WW6	-	23-09799-207
.995	1.145	.933	1.083	.75	1.31	RED	214	13-X	-	23-09799-214
1.225	1.355	1.160	1.295	.75	1.50	BLUE	-	-	08-85795	23-09799-131

ENGINEERING NOTES:

1. MATERIAL: POLYETHYLENE
2. THICKNESS: .038 ± .005 (TYP)
3. "B" DIM MUST BE AT LEAST 0.02" LARGER THAN HOLE TO BE PLUGGED.
4. "C" DIM MUST BE AT LEAST 1% SMALLER THAN DIA. TO BE CAPPED. (MIN .020)

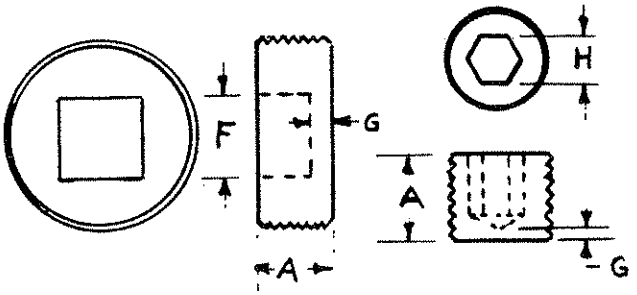
CHG	JOB NO	DATE	BY	REVISION
E	P04981-04	10/20/99	LFB	REVISED AND REDRAWN IN CATIA. ADDED -001.

General Use Part

PRINT ISSUED	TITLE	PART NO.
	PLUG, CSK, SQ & HEX SOCKET PIPE, STEEL	23-10338
LAST CHG. LTR. –		SHEET 1 OF

WAS
DATE
BY
CHG

SKETCH



PART NUMBERS

NOMINAL PIPE SIZE	A THREAD LENGTH (MIN.)	F SIZE OF SQUARE SOCKET NOM.	F SIZE OF SQUARE SOCKET MIN.	H SIZE OF HEXAGON	G METAL THICKNESS (MIN.)	FREIGHTLINER PART NUMBER
1/8	0.37			3/16	0.06	23-10338-002
1/4	0.44			1/4	0.09	-003
3/8	0.48			5/16	0.13	-004
1/2	0.56	3/8	0.382	3/8	0.16	-005
3/4	0.63	1/2	0.508	9/16	0.18	-006
1	0.75	1/2	0.508	5/8	0.20	-007
1-1/4	0.80	3/4	0.759		0.22	-008
1-1/2	0.83	3/4	0.759		0.24	-009
2	0.88	7/8	0.884		0.26	-010
2-1/2	1.07	1-1/8	1.137		0.29	-011
3	1.13	1-3/8	1.391		0.31	-012
3-1/2	1.18	1-1/2	1.518		0.34	-013
4	1.22	2	2.022		0.37	-014

WAS J #A0608
DATE —
BY —
CHG —

ENGINEERING NOTES

1 Material: Cast iron, malleable iron or steel
2 Pipe Thread: Am. Std. taper pipe threads ASA (B2.1).
3 Square socket is to fit Commercial square bar sizes
4 Hex socket is to fit regular wrenches used with hexagon socket set screws

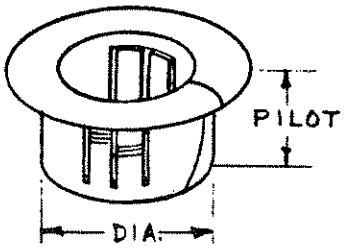
COMPILED	H.J.R.	DATE DRAWN		MATERIAL	NEXT ASSY. NO.
APPROVED	[illegible]	4-19-74		1	

Portland FREIGHTLINER CORPORATION Oregon 97208

General Use Part

PRINT ISSUED		TITLE	PART NO.
		BUSHING, SNAP NYLON	23-10358
LAST CHG LTR	A		SHEET 1 OF

SKETCH



PART NUMBERS

	BORE I.D.	PILOT GRIP RANGE	PILOT DIA.	PILOT LENGTH	E O.A.	MANUFACTURER'S NUMBER HEY		FREIGHTLINER PART NUMBER
A	0.69	.03-.12	.88	.38		SB 875-11 SPLIT		23-10358-069
	0.75	.03-.12	1.00	.38		SB1000-12 SPLIT		-075
A	0.94	.03-.12	1.19	.38		SB1187-15 SPLIT		-094
	1.00	.03-.12	1.38	.38		SB1375-16 SPLIT		-100

ENGINEERING NOTES

1. Material: Nylon 6/6
2. Finish: Plain
3. Color: Black

CHG	BY	DATE	WAS	JOB NO
A	HJR	9-15-76	Add -069 & -094	C0867
				C0757

COMPILED	HJR	DATE DRAWN		MATERIAL	
APPROVED		1-23-76		(1)	

kh

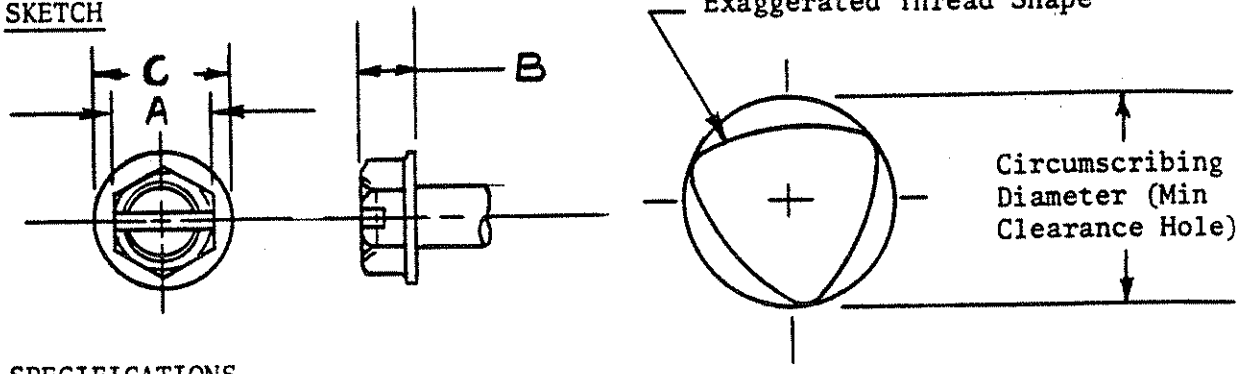
Portland FREIGHTLINER CORPORATION Oregon 97208

M/F

thru 23-11046

ORIGINAL JOB NO.	TITLE	PART NO.
C0910A	HEX HEAD PLASTIC FASTENING SCREW	23-11040 - 23-11046
LAST CHG LTR		SHEET 1 OF 1

SKETCH



SPECIFICATIONS

NOM. SIZE TPI	NOMINAL HEAD SIZE 'A'	'B' HEAD HEIGHT		'C' WASHER DIAMETER		MIN. CLEARANCE HOLE	PILOT HOLE		FREIGHTLINER PART NO.
		MAX	MIN	MAX	MIN		MAX	MIN	
6-19	.250	.118	.095	.328	.302	.147	.124	.118	23-11040
7-18	.250	.122	.097	.328	.302	.156	.143	.137	11041
8-16	.250	.141	.115	.348	.322	.185	.153	.144	11042
9-15	.250	.141	.115	.348	.322	.199	.170	.162	11043
10-14	.312	.151	.124	.414	.384	.212	.179	.170	11044
12-14	.312	.194	.161	.432	.398	.232	.197	.188	11045
¼-10	.375	.240	.202	.520	.480	.276	.230	.218	11046

NOTES:

1. This is a triroundular (thread-rolling-see sketch) double lead screw for fastening plastics. Minimum thread engagement should be two screw diameters. Trade name is Twin-Lead Plastite.
2. Material: Low carbon steel, through-harden a temper, Rc 33-39.
3. Finish: Zinc or Cadmium Plate per ASTM A164 or A165.
4. Head Style: ASA slotted indented hex washer head per SAE J478a or latest revision.
5. Pilot Hole diameters must be adjusted to modulus of each plastic and length of thread engagement.
6. Complete Freightliner part number with 3-digit dash number specifying length in hundredths; e.g. 23-11044-075 is a 10-14 x 3/4, twin lead ASA slotted indented hex-head Plastite screw.
7. Available from:

   Camcar Textron Belvidere, IL (815)544-0331

   Continental Screw

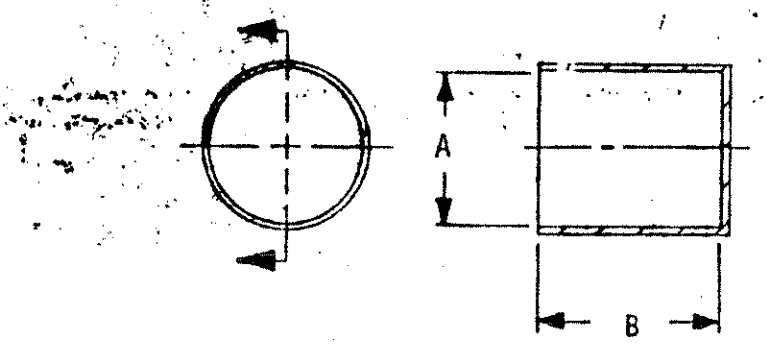
CHANGE INFORMATION | LTR | JOB NO. | BY | DATE

CHANGE INFORMATION | LTR | JOB NO. | BY | DATE

COMPILED	RDF	DATE DRAWN			
APPROVED		10/12/79			

ORIGINAL JOB NO.	TITLE	PART NO.
C1500A	CAPLUGS, STRAIGHT-SIDED SLEEVE CAPS	23-11323
LAST CHG LTR		SHEET 1 OF 1

SKETCH



DASH NO.	A	B	COLOR	APPROVED SOUCES & PART NUMBERS	
				PRC	
-0	5/32	1/4	YELLOW	5/32 SCX1/4	

1. Material: Low Density Polyethylene.
2. Color: As indicated in table above.

CHANGE INFORMATION	DATE	BY	JOB NO.	LTR

CHANGE INFORMATION	DATE	BY	JOB NO.	LTR

COPY ONLY

ORIGINAL BEING REVISED

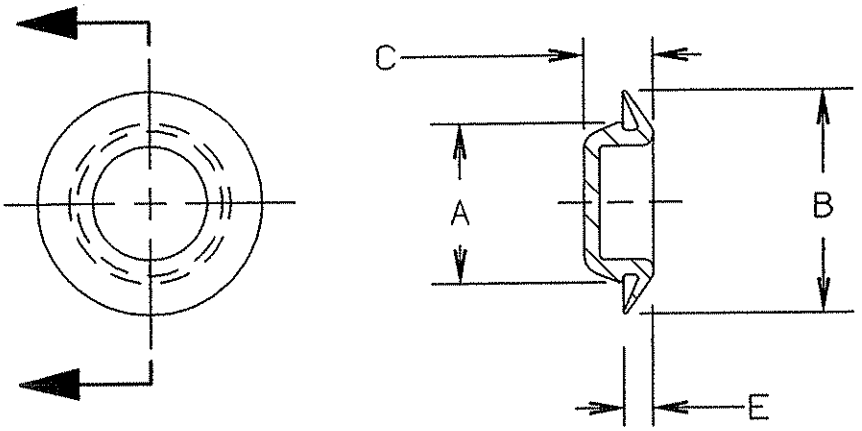
CHECKED OUT BY _____

JOB NUMBER _____

DATE 9-10-81

COMPILED	DMC	DATE DRAWN			
APPROVED					

DRAWN	PCK	TITLE PLUG - HOLE RECESSED HEAD	ITEM NUMBER 23-11688
APPRV	ANF		
DATE	07/26/89	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



PART NUMBERS:

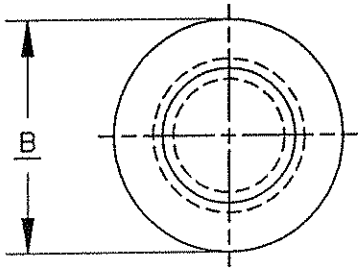
NOM SIZE (IN)	HOLE SIZE (IN)	METAL THK (IN)	A (IN)	B (IN)	C (IN)	E (IN)	MFR NUMBER		FREIGHTLINER PART NUMBER
							NGR	CAPLUG	
1/2	.50-.52	.06-.13	.55	.85	.32			BP-1/2-4	23-11688-021
3/4	.735-.765	.02-.14	.79	1.16	.36			BP-3/4	23-11688-002
13/16	.794-.825	.02-.07	.85	1.15	.29			BP-13/16	23-11688-003
1	.99-1.02	.02-.10	1.05	1.35	.35			BP-1	23-11688-008
1	.99-1.02	.02-.15	1.05	1.38	.35	.16	413-2		23-11688-020
1 1/16	1.04-1.07	.02-.10	1.10	1.40	.35			BP-1 1/16	23-11688-022
1 1/8	1.107-1.155	.02-.18	1.18	1.53	.43			BP-1 1/8	23-11688-009
1 3/8	1.362-1.405	.02-.10	1.42	1.73	.35			BP-1 3/8	23-11688-011
1 1/2	1.480-1.525	.02-.10	1.55	1.85	.35			BP-1 1/2	23-11688-012
1 5/8	1.59-1.65	.03-.10	1.68	2.00	.36			BP-1 5/8	23-11688-024
1 3/4	1.725-1.775	.02-.10	1.80	2.10	.35			BP-1 3/4-5	23-11688-014
1 13/16	1.77-1.82	.02-.10	1.85	2.16	.35			BP-1 13/16	23-11688-019
2	1.97-2.02	.02-.10	2.05	2.35	.36			BP-2	23-11688-023
2 1/2	2.450-2.515	.02-.10	2.54	2.85	.35			BP-2 1/2	23-11688-018

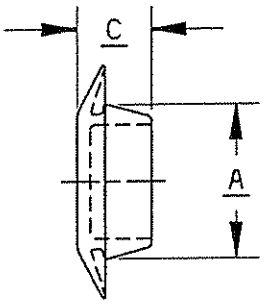
GENERAL INFORMATION:

1. MATERIAL: LOW DENSITY POLYETHYLENE.
2. COLOR: BLACK.
3. HEAD STYLE: RECESSED.
4. HEYCO PART NO. 2790 ACCEPTABLE AS AN ALTERNATE SUPPLIER FOR 23-11688-018

CHG	JOB/RLSE NO	DATE	BY	REVISION
H	P5703P-02	10/18/95	ERK	REDRAWN: -021 ADDED
J	P5849P-02	04/04/96	DAJ	ADDED -022
K	PK0460-03	04/23/96	DAJ	ADDED -023
L	P01438-03	11/08/96	DAJ	ADDED -024

DRAWN	DAJ	TITLE	DRAWING NUMBER	
APPRV	DAJ	PLUG - HOLE FLUSH HEAD	23-11689	
DATE	11/13/97	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. P
CATIA ORIGINAL				





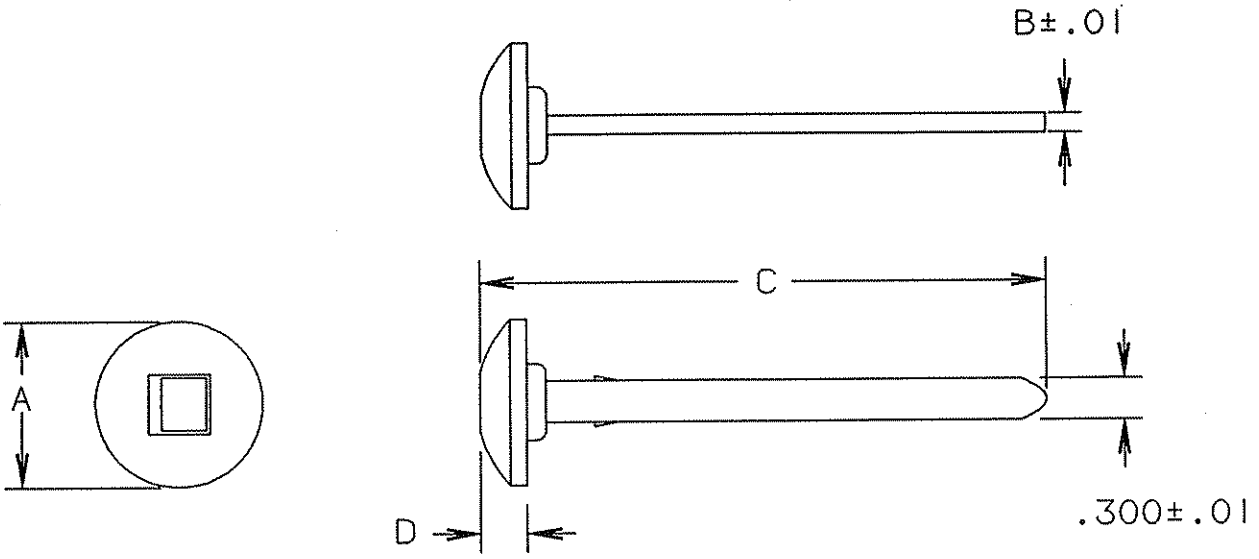
NOMINAL SIZE	HOLE SIZE	DIMENSIONS			PNL THK	FREIGHTLINER PART NUMBER
		A	B	C		
3/8	.37 - .38	.41	.75	.24	.06-.11	-23-11689-002
7/16	.42 - .44	.46	.69	.29	.10-.18	23-11689-012
7/16	.43 - .45	.47	.69	.22	.03-.06	23-11689-004
15/32	.452 - .492	.51	.83	.30	MAX .14	23-11689-014
5/8	.61 - .63	.67	.81	.27	.06-.08	23-11689-005
3/4	.73 - .76	.79	1.01	.29	.05-.11	23-11689-015
15/16	.92 - .95	.98	1.31	.98	.03-.08	23-11689-007
1	.980 - 1.015	1.04	1.37	.25	.03-.08	23-11689-008
1 1/8	1.10 - 1.15	1.18	1.53	.43	.02-.18	23-11689-009
1 3/16	1.16 - 1.20	1.22	1.56	.25	.03-.08	23-11689-010
1 1/4	1.22 - 1.26	1.29	1.62	.25	.03-.08	23-11689-011
1 1/4	-	-	1.38	.45	MAX .125	23-11689-013
P 2 1/8	2.10 - 2.14	2.17	2.49	.25	.03-.08	23-11689-017
P 4	3.97 - 4.02	4.13	4.37	.28	.05-.10	23-11689-016

ENGINEERING NOTES:

1. MATERIAL: LOW DENSITY POLYETHYLENE, ALTERNATE MATERIAL, NYLON 6/6
2. COLOR: BLACK
3. HEAD STYLE: FLUSH
4. USES: PLUGGING HOLES IN SHEET METAL
5. APPROVED VENDORS: CAPLUG AND ARDEN

CHG	JOB NO	DATE	BY	REVISION
P	798921-04	02/24/98	DAJ	REVISED AND REDRAWN IN CATIA, ADDED -016 AND -017.

DRAWN	RAR	TITLE TIE-CABLE NYLON, BLACK	ITEM NUMBER 23-12069
APPRV	PCK		
DATE	02/11/91	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



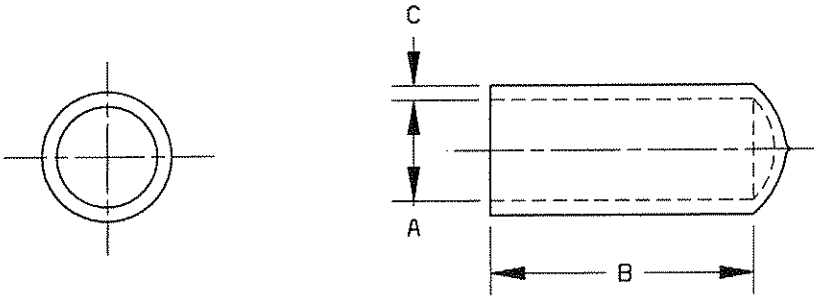
A	B	C	D	MANUFACTURERS		FREIGHTLINER PART NUMBER
				PAN	TYC	
1.0	.062	14.8	.248	SSPM4HP-TL300	BT 120L	23-12069-001
1.0	.062	10.2	.275	SSPM2.5H-TL300	-	23-12069-002

ENGINEERING NOTES:

MATERIAL: 6/6 NYLON (BLACK)
TENSILE STRENGTH: 120 LBS
CLAMPING RANGE: .08 – 4.00 DIA
USABLE HOLE SIZE: .440 – .820 DIA

CHG	JOB/RLSE NO	DATE	BY	REVISION
B	PA2024-91	09/30/91	K R	SSPM4HP WAS SSPM4H, HOLE SIZE WAS .318 TO .820 DIA
C	P2A310-54	03/22/95	DAJ	MAT'L 6/6 WAS 12, ALSO SSPM4HP-TL300 WAS SSPM4HP
D	PA2042-54	06/23/95	ERK	REVISED "C" & "D" DIMENSIONS
E	P5912P-18	03/04/96	ERK	ADDED TYTON TO VENDOR LISTING
F	PA2157-99	03/06/96	ERK	ADDED -002

DRAWN	DAJ	TITLE CAP-PLASTIC. VINYL	DRAWING NUMBER 23-12113
APPRV	DAJ		
DATE	10/02/97	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. H
CATIA ORIGINAL			



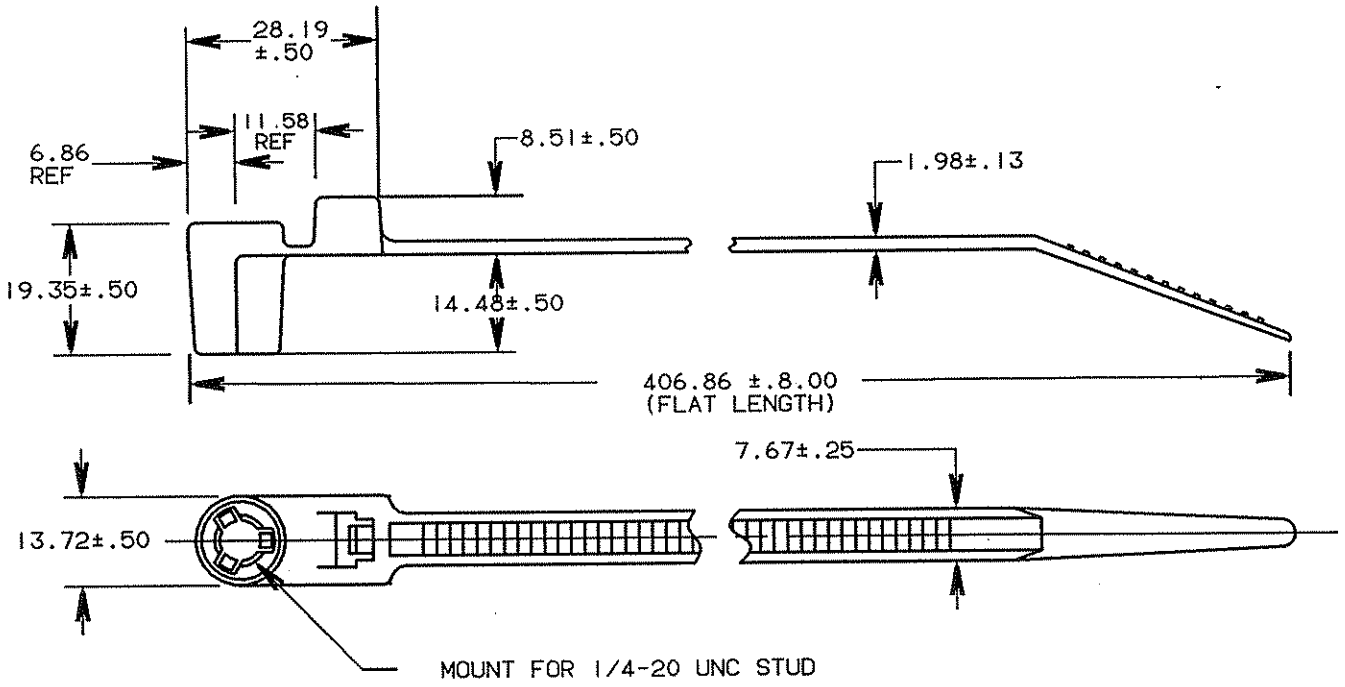
	A (ID)	B (LENGTH)	C (WALL THICKNESS)	COLOR	VENDOR/PN		FREIGHTLINER PART NUMBER
					HARMON PLASTICS	ARDEN	
	.172	.500	.039	BLACK			23-12113-005
	.207	.500	.050	BLACK			23-12113-006
F	.281	.500	.053	BLACK			23-12113-007
	.281	1.500	.053	YELLOW			23-12113-002
H	.375	1.000	.055	BLACK	375-16 R 0400		23-12113-009
H	.375	1.000	.055	RED	375-16 R 1200		23-12113-010
	.437	1.000	.055	BLACK			23-12113-001
	.437	1.000	.055	RED		08-86593	23-12113-003
G	.500	.500	.055	GREY			23-12113-008
	.750	.750	.060	RED		08-86573	23-12113-004

ENGINEERING NOTES:

1. MATERIAL: VINYL PLASTISOL
2. HARDNESS: (ASTM D2240) 75 SHORE A
3. TENSILE: (ASTM D412) 775 PSI
   BREAK: (ASTM D412) 1850 PSI
4. ELONGATION: (ASTM D412) 440%
5. DIELECTRIC STRENGTH (ASTM D149) 320 VOLTS/MIL ±25V

CHG	JOB NO	DATE	BY	REVISION
F	P02595-11	10/02/97	DAJ	REVISED AND REDRAWN IN CATIA, ADDED -006 & -007.
G	P00699-A1	05/12/98	DAJ	ADDED -008.
H	PN0554-15	12/13/99	LFB	ADDED -009 AND -010.

DRAWN	ERK	TITLE STRAP - TIE STUD MOUNT	ITEM NUMBER 23-12115
APPRV	C.COOPER		
DATE	08/14/92	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



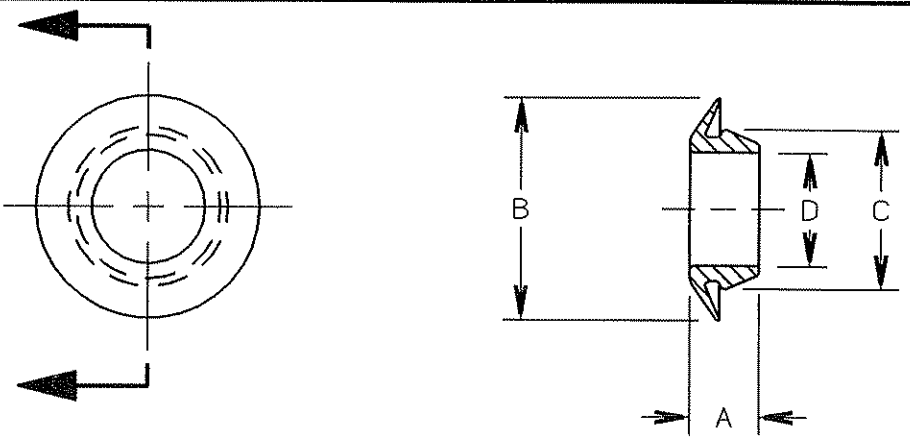
MAX BUNDLE DIA	MOUNTING HOLE	MIN. TNSL. UNLOCKING STRENGTH	MFR P/N		FREIGHTLINER PART NUMBERS
			TYTON		
101.6	1/4 SCREW	120 LBS.	T120 MR/SM		23-12115-001

1. MATERIAL: NYLON 6/6 HIGH IMPACT.
2. TARGET STUD INSERTION FORCE = 10 LBS. MAX.
3. TARGET STUD PULL OFF FORCE = 50 LBS. MIN.
4. COLOR: BLACK.

TYC-T120MR

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PN0487-01	08/14/92	ERK	DOCUMENTED
A	PA2042-45	04/15/94	ERK	REDIMENSIONED PART

DRAWN	ERK	TITLE GROMMET PLASTIC, SNAP	ITEM NUMBER 23-12148
APPRV	ENS		
DATE	05/03/93	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



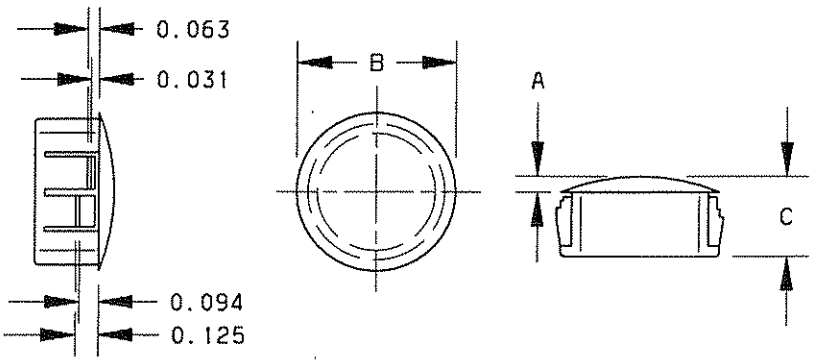
NOM SIZE (IN)	HOLE SIZE (IN)	METAL THK (IN)	A (IN)	B (IN)	C (IN)	D (IN)	MFR NUMBER		FREIGHTLINER PART NUMBER
								ARDEN	
1/2	.500	.03-.08	.28	.81	.54	.41		08-86462	23-12148-004

GENERAL INFORMATION:

1. MATERIAL: "FLEXTEMP" THERMOPLASTIC OR EQUIVALENT.
2. COLOR: BLACK.
3. HEAD STYLE: FLUSH.

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	P0574J-02	05/03/93	ERK	INITIAL RELEASE

DRAWN	DW	TITLE PLUG-HOLE DOME, NYLON	DRAWING NUMBER 23-12159
APPRV	DAJ		
DATE	01/10/00	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. D
CATIA ORIGINAL			

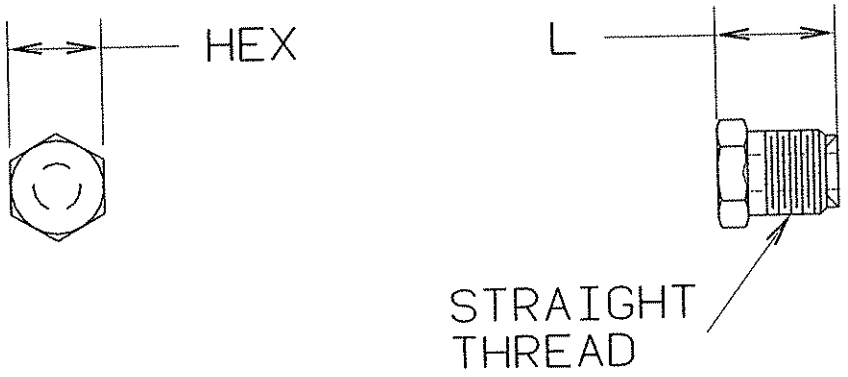


	CHASSIS DIM		PART DIM'S			COLOR	MANUFACTURER'S NUMBER		FREIGHTLINER PART NUMBER
	MAX THK	HOLE DIA	"A"	"B"	"C"		AFJ	HEY	
	.125	.562	.062	.656	.406	BLACK	08-80659	2653	23-12159-121
	.125	.750	.062	.921	.406	BLACK	08-80556	2683	23-12159-122
	.125	1.125	.062	1.218	.453	BLACK	08-88402		23-12159-124
	.125	1.187	.062	1.313	.453	BLACK		2733	23-12159-125
(D)	.125	1.375	.062	1.50	.453	BLACK		2753	23-12159-126

1. MATERIAL: NYLON 6/6

CHG	JOB NO	DATE	BY	REVISION
D	P08757-05	01/10/00	DW	REDRAWN IN CATIA, ADDED -126.

DRAWN	DAJ	TITLE PLUG-FLARE INVERTED	ITEM NUMBER 23-12204
APPRV	ERK		
DATE	12/12/94	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



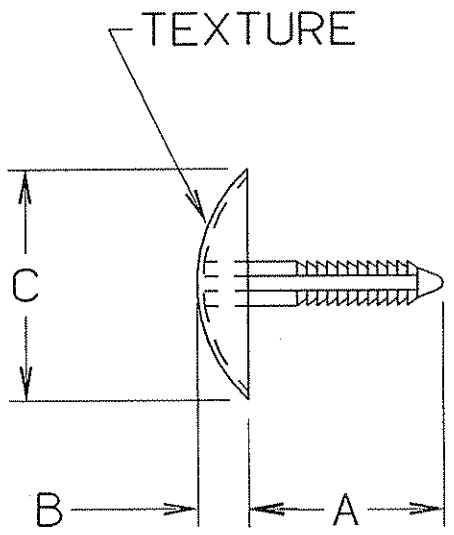
SIZE	THREAD	HEX	LENGTH	MFR WEATHERHEAD	FREIGHTLINER PN
1/4	7/16-24	7/16	.540	131X4	23-12204-001

ENGINEERING NOTES:

1. MATERIAL: STEEL, REF SAE J514 FIG. 040109
2. FINISH: CADMIUM PLATE PER FREIGHTLINER SPECIFICATION 49-00012-130

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PN0614-09	12/12/94	DAJ	INITIAL RELEASE

DRAWN	DAJ	TITLE RETAINER-NYLON TEXTURED	ITEM NUMBER 23-12235
APPRV	ERK		
DATE	04/27/95	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



DIMENSIONS			TEXTURE	HOLE DIA	PNL THK	SOURCE		FREIGHTLINER PART NUMBER
A	B	C				MFG	PART#	
1.060	.100	.700	TEN-1141	.250	.800-.110	ARDEN	05-52767	23-12235-000
.820	.100	1.00	MATTE	.406	.565-.115	ARDEN	N1-00161	23-12235-001

A

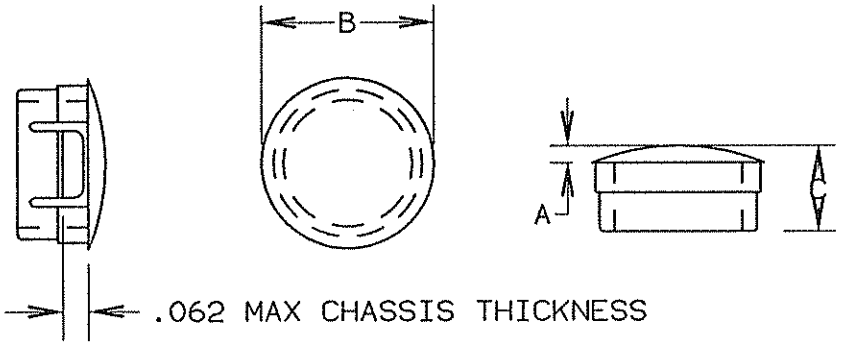
ENGINEERING NOTES:

1. MATERIAL -------- NYLON
2. COLOR ---------- SHADOW GRAY PER 49-00091-002
3. DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
4. EQUIVALENT ACCEPTABLE WITH ENGINEERING APPROVAL.

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	P2A220-65	04/27/95	DAJ	INITIAL LOAD
A	P9174H-01	04/17/96	W S	ADDED -001

ID=39520

DRAWN	DAJ	TITLE	ITEM NUMBER
APPRV	ERK	PLUG-HOLE SHORTY, NYLON	23-12258
DATE	06/20/95	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



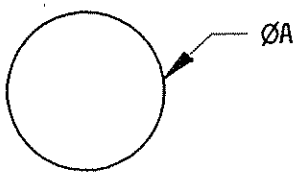
CHASSIS DIM		PART DIM'S			COLOR	MANUFACTURER'S NUMBER		FREIGHTLINER PART NUMBER
MAX THK	HOLE DIA	"A" ID	"B" OD	"C" HT		AFJ	HEY	
.062	.781	.063	.891	.250	BLACK		1696	23-12258-000

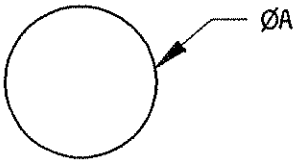
ENGINEERING NOTES:

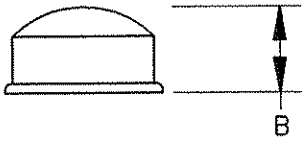
1. MATERIAL: NYLON 6/6

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	P2A364-69	06/20/95	DAJ	INITIAL LOAD

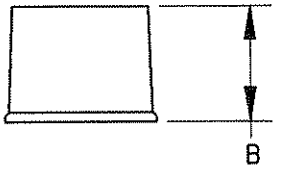
DRAWN	ERK	TITLE	DRAWING NUMBER	
APPRV	CAJ	BUMPER-PSA	23-12266	
DATE	07/28/95			
CATIA ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. B







STYLE 1



STYLE 2

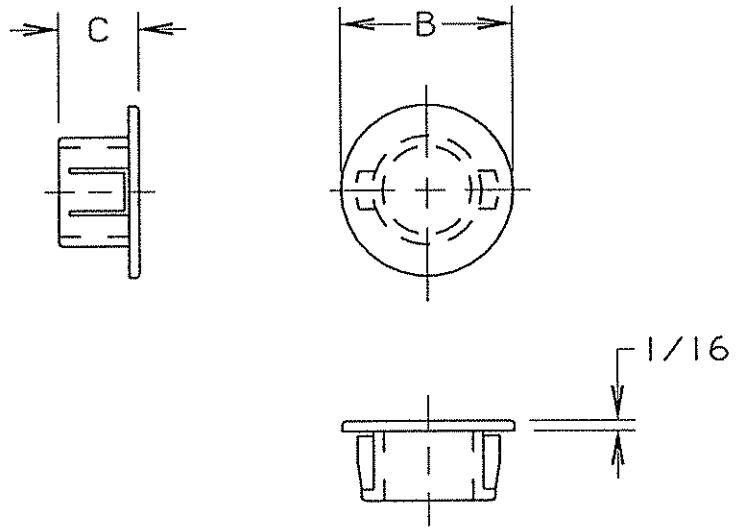
DIA.	DIM B A	MAT'L	COLOR	STYLE	VENDOR PART #(REF)	FREIGHTLINER PART NUMBER
.437	.200	URETHANE	BLACK	1	ITW4002-00	23-12266-001
.500	.250	PVC	GREY	2	ITW 5006-01-00	23-12264-000

ENGINEERING NOTES:

1. MATERIAL: SEE TABLE
2. DIMENSIONS: ABOVE DIMENSIONS FOR REFERENCE ONLY.
3. BACKING: PRESSURE SENSITIVE ADHESIVE BACKING.

CHG	JOB NO	DATE	BY	REVISION
-	P2A223-56	07/28/95	ERK	INITIAL RELEASE
A	P2A411-43	08/23/95	DAJ	ADDED 23-12264-000. MOVED COLOR FROM NOTE TO TABLE.
B	PA2042-71	07/17/96	FHC	REVISED AND REDRAWN IN CATIA. ADDED MAT'L AND STYLE.

DRAWN	DAJ	TITLE PLUG-NYLON PRY OUT	ITEM NUMBER 23-12281
APPRV	ERK		
DATE	09/22/95	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



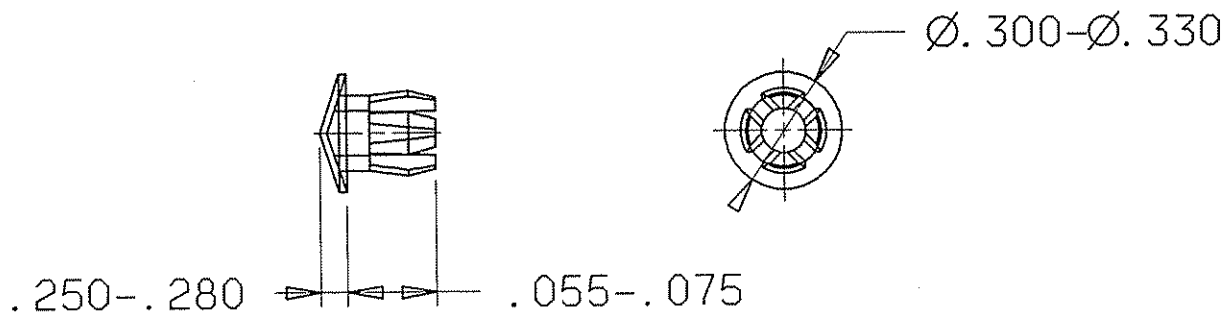
MTG HOLE DIAMETER	HEAD DIAMETER DIM B	OVERALL HEIGHT DIM C	COLOR	MANUFACTURER'S NUMBER	FREIGTHLINER PART NUMBER
.312	33/64	13/32	BLK	AFJ 08-82353	23-12281-000
1.000	1-7/32	13/32	BLK	AFJ 08-82361	23-12281-001

ENGINEERING NOTES:

1. MATERIAL: TYPE 6/6 NYLON, ASTM D-4066-82; FLAMMABILITY
2. FINISH: FLAT,MATTE FINISH HEAD

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	P2A363-25	09/22/95	DAJ	INITIAL LOAD

DRAWN	GAC	TITLE	DRAWING NUMBER	
APPRV	DAJ	PLUG-HOLE NYLON	23-12325	
DATE	02/23/96	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. -
CATIA ORIGINAL				



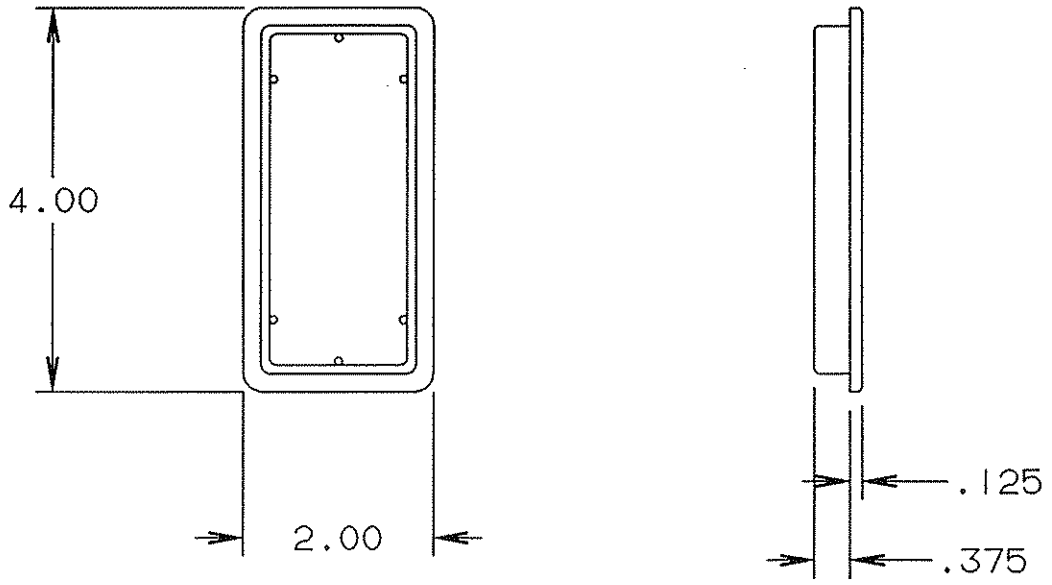
HOLE SIZE	PANEL THICKNESS	VENDOR NO.	F/L SPEC NO.
Ø.210-Ø.223	.093-.156	AFJ 08-81070	23-12325-000

SPECIFICATIONS:

1. MATERIAL: TYPE 6/6 NYLON. ASTM D-4066-82: FLAMMABILITY
2. FINISH: NATURAL
3. COLOR: BLACK

CHG	JOB NO	DATE	BY	REVISION
-	P2A364-E1	02/23/96	GAC	INITIAL RELEASE

DRAWN	BDM	TITLE END CAP PLASTIC, 2X4	ITEM NUMBER 23-12326
APPRV	ERK		
DATE	03/01/96	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1



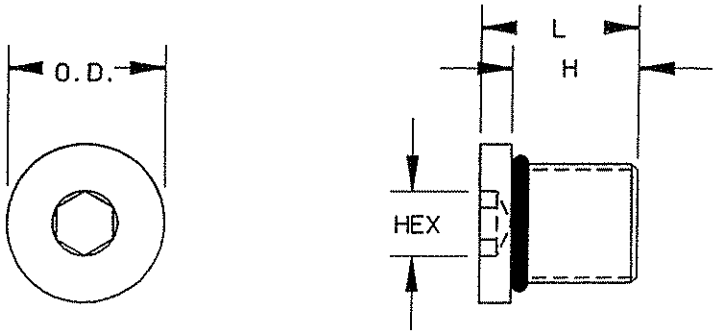
DESCRIPTION	SUPPLIER AFJ	FREIGHTLINER PART NUMBER
2 X 4 END CAP	08-88772	23-12326-001

1. MATERIAL: ABS
2. COLOR: BLACK
3. HOLE PLUG DESIGNED TO FIT 2" X 4" 7 GAUGE TUBE.

CHG	JOB/RLSE NO	DATE	BY	REVISION
-	PF1040-03	03/01/96	BDM	INITIAL RELEASE

DRAWN	FHC	TITLE	DRAWING NUMBER
APPRV	DAJ	PLUG-HEX STRAIGHT THREAD, O-RING	23-12369
DATE	07/24/96	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. B
CATIA ORIGINAL			

UNLESS OTHERWISE NOTED, DIMENSIONS ARE IN INCHES



DIA.	PORT THREAD	HEX	L	H	MANUFACTURER'S PART NUMBER	FREIGHTLINER PART NUMBER
0.56	7/16-20 UNF-2A	3/16	0.46	0.37	4 HP50N-S	23-12369-004
0.69	9/16-18 UNF-2A	1/4	0.49	0.40	6 HP50N-S	23-12369-006

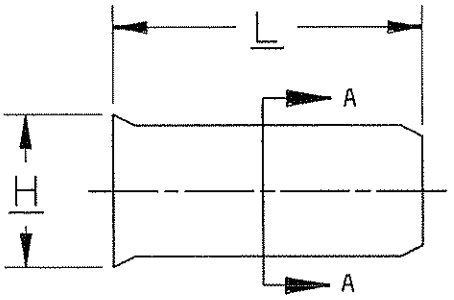
ENGINEERING NOTES:

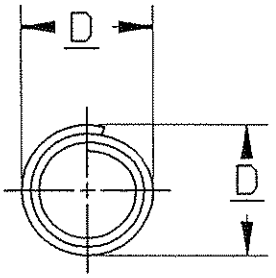
1. MATERIAL: STEEL
2. FINISH: ZINC PLATED W/ YELLOW DICHROMATE FINISH.
3. ABOVE DIMENSIONS ARE FOR REFERENCE ONLY.

CHG	JOB NO	DATE	BY	REVISION
-	PG0504-18	07/24/96	FHC	INITIAL RELEASE
A	PA2042-71	08/12/96	FHC	REVISED VENDOR NUMBER AND FINISH NOTE.
B	B27592-05	08/06/98	IJW	charted -006

)RIENNE CHILBERG

DRAWN	FHC	TITLE	DRAWING NUMBER	
APPRV	DAJ	PIN-FLARED HEAVY DUTY	23-12399	
DATE	10/11/96			
CATIA ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. A





Section A-A

NOMINAL PIN SIZE	DIMENSIONS (MAX/MIN)			RECOMMENDED HOLE SIZE	FREIGHTLINER PART NUMBER
	D	H	L		
.250	.268/.258	.305/.278	1.84/1.80	.256/.250	23-12399-001

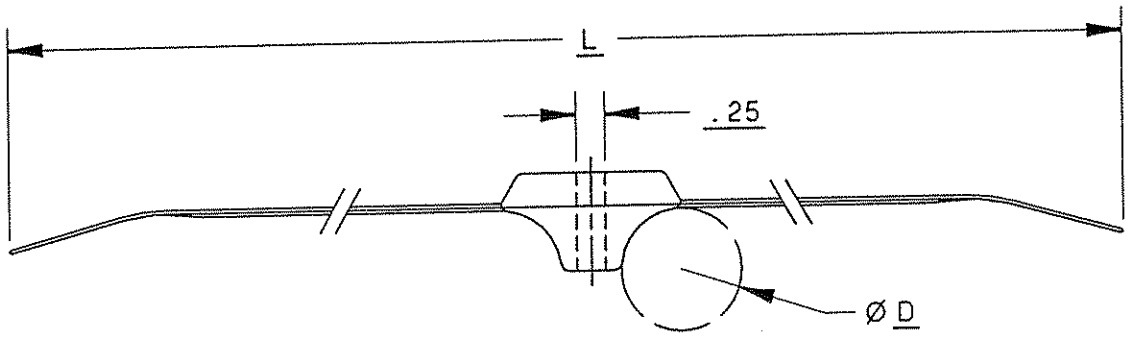
Engineering Notes:

1. Material: Carbon Steel SAE 1070-1095
2. Finish: Plain
3. Above dimensions for reference only.

CHG	JOB NO	DATE	BY	REVISION
-	P01340-01	10/11/96	FHC	INITIAL LOAD
A	PA2042-73	10/24/96	FHC	Material was Chrome Stainless Steel SAE S1420.

ADRIENNE CHILBERG

DRAWN	DAJ	TITLE	DRAWING NUMBER
APPRV	DAJ	TIE-CABLE/HOSE DUAL CLAMP, WITH MTG HOLE	23-12410
DATE	02/17/98	FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -
CATIA ORIGINAL			



L APPROX OVERALL LENGTH	D MAX. BUNDLE DIA. (EA SIDE)	VENDOR/PN TYC	FREIGHTLINER PART NUMBER
12.9	1.3	DCT90HIR	23-12410-000
19.2	2.3	DCT110HIR	TYCDCT110HIR

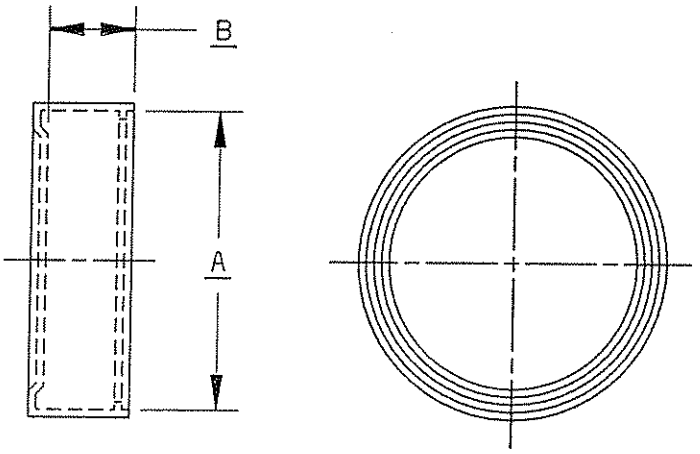
ENGINEERING NOTES:

1. MATERIAL: NYLON 6/6 HIGH IMPACT BLACK
2. MIN. TENSILE STRENGTH: 150 LBS
3. DIMENSIONS ARE FOR REFERENCE ONLY.

CHG	JOB NO	DATE	BY	REVISION
-	P03920-06	02/17/98	DAJ	INITIAL RELEASE

ADRIENNE CHILBERG

DRAWN: DAJ	TITLE: PLUG-CAP, PLASTIC	DRAWING NUMBER: 23-12448	
APPRV: DAJ			
DATE: 10/06/97			
CATIA ORIGINAL	FREIGHTLINER CORPORATION, PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. -



DIMENSIONS		COLOR	VENDOR/PN	FREIGHTLINER PART NUMBER
A	B		CAPLUG	
1.35	.39	NATURAL	SF-10	23-12448-135

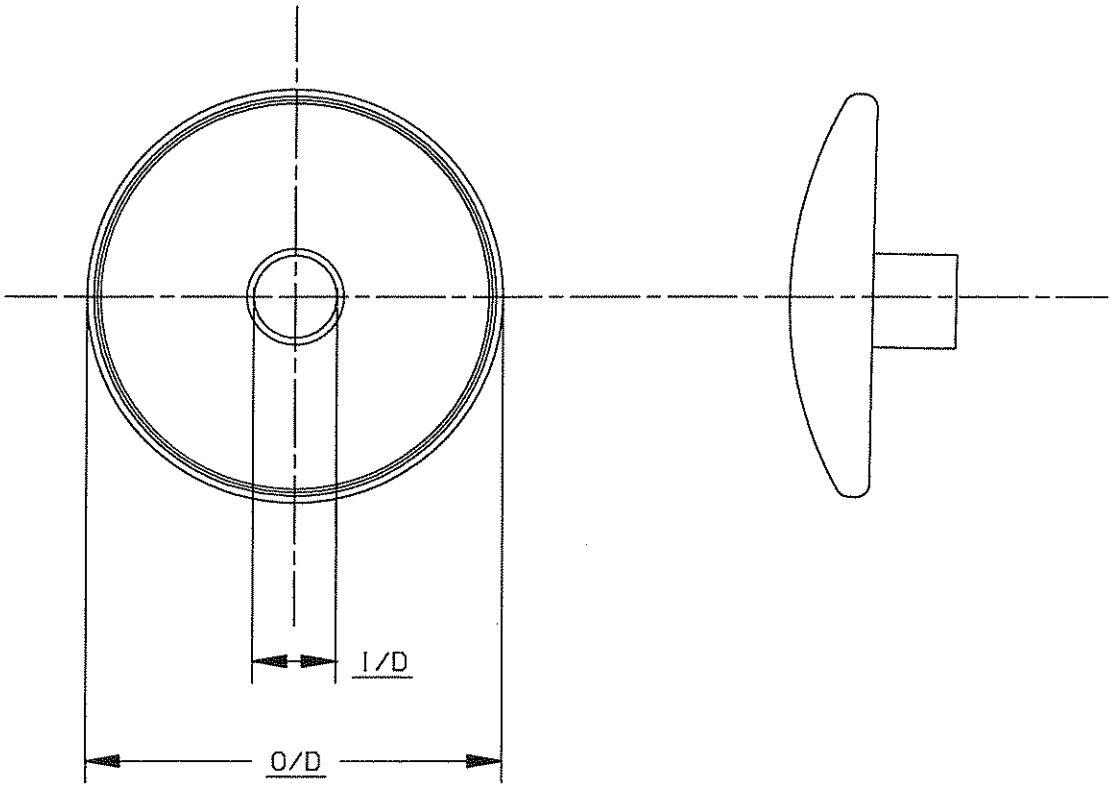
ENGINEERING NOTES:

1. MATERIAL: LOW DENSITY POLYETHYLENE

CHG	JOB NO	DATE	BY	REVISION
-	P03474-01	10/06/97	DAJ	INITIAL LOAD

DEBBIE

DRAWN	JFR	TITLE SNAP-BUTTON CAP -	DRAWING NUMBER 23-12573
APPRV	DAJ		
DATE	1/14/99		
CATIA ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. B



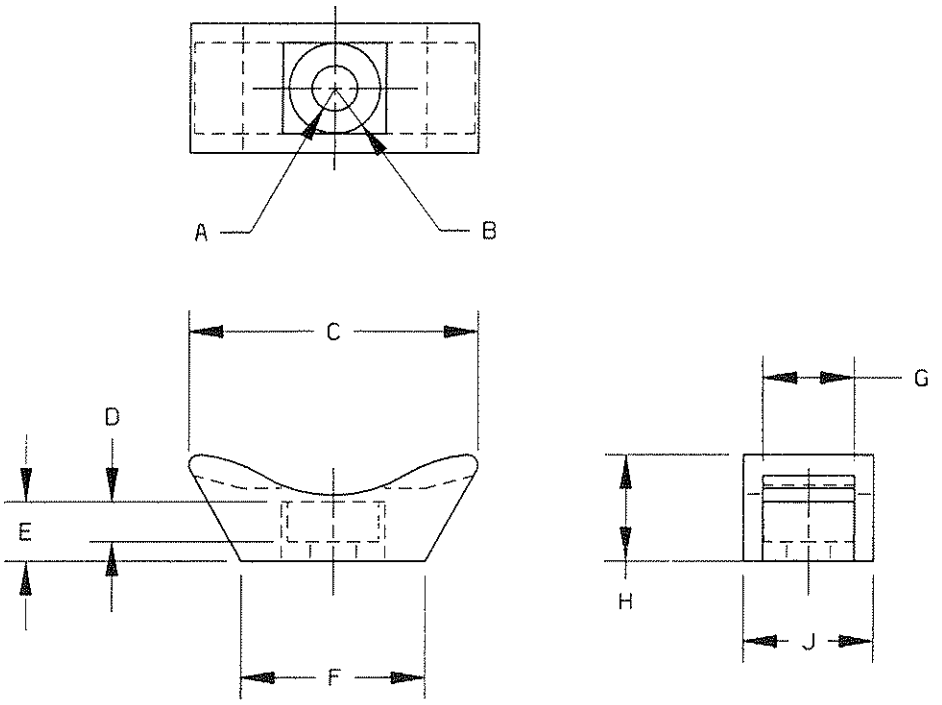
	I/D	O/D	FINISH/COLOR	SUPPLIER/NO.		FREIGHTLINER PART NUMBER
				SCOVILLE	FASNAD	
	3.0 MM	15.0 MM	BLACK	93-X2-10128B	-	23-12573-000
	4.0 MM	15.0 MM	DOVE GREY	-	BNS4647DOV	23-12573-001
B	4.0 MM	15.0 MM	ANTIQUE SILVER	-	BNS4647ASD	23-12573-002
B	4.0 MM	15.0 MM	LIGHT GRAY	-	BNS4647LGY	23-12573-003

ENGINEERING NOTES:

1. MATERIAL: BRASS
2. FOR MATING PART REFERENCE FTL 23-12574 SPEC.

CHG	JOB NO	DATE	BY	REVISION
-	P06947-04	1/14/99	DAJ	INITIAL RELEASE
A	P04977-13	9/7/99	GJB	ADDED -002
B	P04977-91	11/18/99	GCI	REVISED COLOR FOR -002, ADDED -003

DRAWN	AJD	TITLE	DRAWING NUMBER	
APPRV	DAJ	MOUNT-TIE SINGLE	23-12682	
DATE	09/13/99			
CATIA ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1	CHG. LTR. A



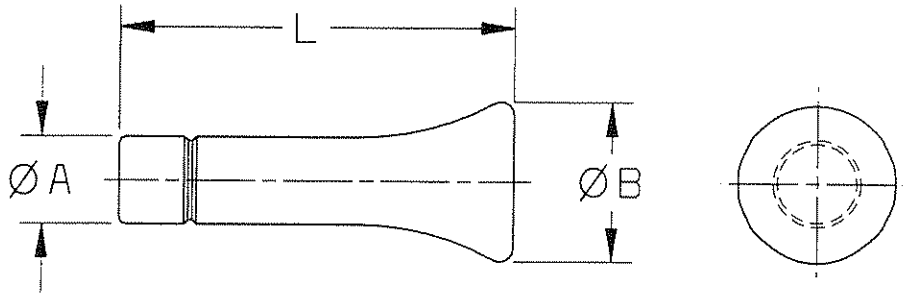
	A DIA	B DIA	C	D	E	F	G	H	J	VENDOR P/N PANDUIT	FREIGHTLINER PART NUMBER
A	6.6	13.2	41.9	5.8	8.6	26.7	13.2	15.5	18.8	TMEH-S25	23-12682-000

ENGINEERING NOTES:

1. MATERIAL: NYLON 6/6
2. COLOR: BLACK
3. ASSEMBLY TO FIT 0.250" (M6) SCREW.

CHG	JOB NO	DATE	BY	REVISION
-	P07654-13	09/13/99	AJD	INITIAL RELEASE
A	PA2042-97	11/09/99	LFB	TMEH-S25 WAS TMER-S25.

DRAWN	GRL	TITLE PLUG	DRAWING NUMBER 23-12685
APPRV	DJ		
DATE	09/09/99		
CATIA ORIGINAL		FREIGHTLINER CORPORATION PORTLAND, OREGON	SHEET 1 OF 1 / CHG. LTR. -



A STEM OD	PART NUMBER NORGREN	Ø B	L	F/L SPEC NO.
1/4"	94 0509 04	0.46 (11.6)	1.12 (28.5)	23-12685-000
3/8"	94 0509 06	0.65 (16.6)	1.34 (34.0)	23-12685-001
1/2"	94 0509 07	0.65 (16.4)	1.48 (37.5)	23-12685-002

SPECIFICATIONS:

CHG	JOB NO	DATE	BY	REVISION
-	P07440-01	09/09/99	GRL	INITIAL RELEASE