

Numbering Systems

Hose

1. All Weatherhead hose is designated with the letter 'H.'
2. Each hose is assigned a three digit base number from 001-999, i.e., H069, H425, H470, H1571.
3. The last two digits indicate inside hose diameter (I.D.) in sixteenths of an inch. In the example used above 08 is equal to 8/16" – or 1/2" I.D. hose.



Examples:

	ACTUAL HOSE I.D.	NOMINAL HOSE I.D.	TUBING I.D.	TUBING O.D.
H06906	5/16	3/8	5/16	3/8
H06910	1/2	5/8	1/2	5/8

Table 1 – Catalog Numbers for Hose Sizes

ACTUAL HOSE I.D.	STANDARD CATALOG NUMBERS	H069 TYPE CATALOG NUMBERS
3/16	03	04
1/4	04	05
5/16	05	06
3/8	06	
13/32	08	
7/16	07	
1/2	08	10
5/8	10	12
3/4	12	
7/8		16
1	16	
1-1/8		20
1-1/4	20	
1-3/8		24
1-1/2	24	
1-13/16		32
2	32	
2-3/8		40
3		48

Exceptions: H059, H069, H166, H169, H213, H229, H239, H366, H429, H569 and H757. The I.D. sizes of these hoses deviate somewhat from the above standard. The sizing method used on these hoses is based on deducting twice the wall thickness from the O.D. of the connecting tubing to determine the I.D. of the hose. In other words, match the inside diameters rather than the dash sizes when going from tubing to hose. See example 1.

Table 1 shows standard hose size and H069 type hose sizes and dash numbers. Wherever these hoses are listed in this catalog, the size is listed and the dash number is the last two digits of the Catalog Number.

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Hose Ends

Every type of Weatherhead hose end is designed to fit a certain group of hose with limiting dimensions and tolerances. For your convenience the hoses used on each end style are indicated in the hose end catalog listings.

Crimp

1. The first two digits indicate hose size (I.D.) in sixteenths of an inch.

The exceptions to this are the **spiral and truck hose**.

Spiral hose ends use the hose base number as a prefix to the size.

Example: 47012E.

Truck hose ends use the base number 069 as a prefix to the size.

Example: 06908E.

Refer to the top of the catalog page where these hose ends are detailed for recommended hose types.

2. Hose end type and material. Refer to Table 2. This letter is always followed by a dash.
3. The first number or letter indicates the style of the end connection. See individual hose end catalog listings or refer to the hose end configuration chart on pages 22-25.
4. The last two digits indicate the size of the end connection in sixteenths of an inch. Refer to individual catalog listing for metric and specialty ends.

08 U-2 58

① ② ③ ④

425 08 N-2 58

① ② ③ ④ ⑤

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Table 2 – Standard Hose End and Material Code

CODE LETTER	COUPLING TYPE	MATERIAL
A	Crimp/Field Attachable	Aluminum
B	Field Attachable	Brass
C	Crimped	Brass
D	Field Attachable*	Steel*
E	Crimp	Steel
H	Crimp	Brass
K	Clamp Type	Steel
M	Crimp	Steel
N	Field Attachable	Steel
P	Crimp	Brass
S	Crimp	Stainless Steel
T	Field Attachable*	Brass
U	Crimp	Steel
W	Crimp	Steel

*High Flow Hose Assemblies

Field Attachable

1. Description of basic hose.

The exceptions are the 247 series and clamp-type ends. These ends are designed for use with a variety of hose types.

Refer to the top of the catalog page where these hose ends are detailed for recommended hose types.

2. Hose size (I.D.) in sixteenths of an inch, or as shown in Table 1.
3. Hose end type and material. Refer to Table 2. This letter is always followed by a dash.
4. The first number or letter indicates the style of the end connection. See individual hose end catalog listings or refer to the hose end configuration chart on pages 22-25.
5. The last two digits indicate the size of the end connection in sixteenths of an inch. Refer to individual catalog listing for metric and specialty ends.

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Hose Assemblies

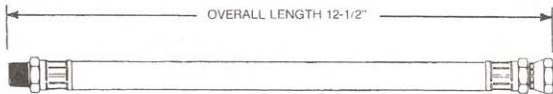
Catalog numbers for hose assemblies are basically the same as hose ends, except both the ends must be specified as well as the overall length. This process is detailed below:

1. Type of desired hose
(see hose selection guide pages 4-8 or individual hose listings).
2. Hose size (I.D.) in sixteenths of an inch ($04 = 4/16" = 1/4"$).
Exception: 13/32" I.D. hose.
3. End style and material. Refer to Table 2 (Page 20).
- 4/5. Style and size of each hose end. Refer to the individual hose end catalog listings or to Hose End Configuration Chart on pages 22-25 for available styles and sizes.
Example: P04 Male Straight Thread O-Ring 1/4",
604 SAE 37° Female Swivel 1/4".
6. Length of assembly. The first three digits specify a length in inches.
The last two digits are for fractions of an inch expressed in decimal hundredths ($01250 = 12\ 1/2"$).

Note: To determine the hose only length when making a hose assembly, subtract each hose end cut-off factor from the overall hose assembly length. Please see the individual hose end listings for cut-off factor information.

To determine Hose Cut-Off Factors reference page 26.

42504 U - P04 604 01250



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The chart below is designed to offer quick identification of Weatherhead hose end series. Included in this chart are: base numbers, descriptions, hose end series, and page number in which the configuration appears.

Catalog numbers may be derived by adding the size in sixteenths of an inch to the base. Example: 100 series 3/4" male pipe rigid.

3/4" = 12/16" thus 100 + 12 = 112.

Pipe # Suffix	Hose End	Style	"E"	"D"	"E"	"E"	"E"	"E"	"K"	"K"	"M"	"N"	"N"	"N"	"N"	"N"	"P"	"P"	"P"	"P"	"S"	"S"	"T"	"U"	"U"	"W"		
00A	Male DIN (Light)	Rigid									148													164	430	197		
00C	Female DIN (Light)	Swivel									148														170	186	200	
00D	Female DIN 45° (Light)	Swivel									151														178			
00E	Female DIN 24° 45° Tube Elbow	Swivel									151																	
00F	Male DIN (Heavy)	Rigid									148														165	171	187	
00K	Female 30° Flare (Konnetur)	Swivel	02																						172	172	201	
00L	Female JIS 30° Flare	Swivel																										
00P	Female Flat Face BSP	Swivel																										
00S	Ready Lock	Rigid																										
00W	Pressure Washer	Swivel									160																	
30T	Straight Tube Metric	Rigid																										
40P	Brit. Std. 60° Cone Parallel Female Pipe 45°	Swivel				112					151														174			
50C	Female DIN (Heavy)	Swivel									149															178	189	
50D	Female DIN 90° (Light)	Swivel									152															171	188	
50E	Female DIN 90° (Heavy)	Swivel									153															180		
70P	Brit. Std. 60° Cone Parallel Female Pipe 90°	Swivel				114					153															189		
806	Female Straight Pipe	Swivel									148														170	192	203	
100	Male Pipe	Rigid	205	206	209	212	218	52			149														170	193		
160	Male Pipe, British Standard Tapered	Rigid																										
200	Female Pipe	Rigid				212																			164			
250	Female Pipe	Swivel				210																			168	168	195	
300	SAE 45° Male	Rigid				207	208																		166			
350	Brit. Std. 60° Cone Parallel Female Pipe	Swivel				85																				171	187	201
380	SAE 45° Male 45° Elbow	Rigid																										
400	SAE 45° Female	Swivel	211	154	213	84																			170	200		
440	SAE 45° Female 90° Tube Elbow Long	Swivel																							179			
460	SAE 45° Female 90° Tube Elbow Short	Swivel																										
480	SAE 45° Female 45° Tube Elbow	Swivel																							174	174	202	
500	JIC 37° Male	Rigid				83																			166	185	188	

☐ = Denotes Coili-O-Grimp® Hose Ends

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Part # Part & Style	Hose End	Style	009" W"	057" W"	100" W"	105" W"	057" W"	338" W"	069" D"	"E"	069" E"	336" E"	470" E"	757" E"	"K"	039" K"	"M"	104" M"	213" M"	247" M"	425" M"	436" M"	229" P"	265" P"	338" P"	"S"	570" S"	069" T"	"U"	430" U"	W"
550	JIC 37° Female 90° Tube Elbow	Swivel																										182			
600	JIC 37° Female	Swivel	205													221	148	223	227	232	237	241				160		169	156	200	
640	JIC 37° Female 90° Tube Elbow Long	Swivel			210					90											235	239						179	183	203	
660	JIC 37° Female 90° Tube Elbow	Swivel								89	95	99	113								228	234	239	241				186		203	
680	JIC 37° Female 45° Tube Elbow	Swivel								89	94	98	112								228	234	238	241				176	180	202	
750	Flareless Tube Ermetor® 45°	Rigid								86		140																			
970	Flareless Tube Ermetor® 90°	Rigid																													
A00	Inverted Female	Rigid	210																												
A20	Female For Seal® 90° Tube Elbow Short	Swivel								99		113																	181	183	204
A40	Female For Seal® 90° Tube Elbow Long	Swivel								99																			183	183	204
B00	Inverted Male	Swivel	210		210					90											206	211						166			
B20	Inverted Male Swivel Extended	Swivel																			231										
B40	Inverted Male 45° Tube Elbow	Swivel								96																			174		
B60	Inverted Male 90° Tube Elbow	Swivel								97																			177		
C09	Male Pipe 90° Elbow	Rigid			207																							168			
C08	Female Gressen Tap	Rigid			211																								190		
C06	SAE 37° Female 60° Tube Elbow	Swivel																													
D00	Flange Straight	Code 62										111														161					
D40	Flange 45° Tube Elbow	Code 62										112														161			191		
D70	Flange 90° Tube Elbow	Code 62										114														162			195		
E00	Inverted Male 90° Elbow	Swivel																			228	234									
E40	Inverted Male 45° Tube Elbow	Swivel																			227	233									
E60	Male For Seal® Straight	Rigid																													
G00	Flange Straight	Code 61										111										238							145	158	
G09	Flange Straight (Komatsu)	Special																			150							145			
C40	Flange 45° Tube Elbow	Code 61											112									238							148	151	
C08	Flange 45° Tube Elbow (Komatsu)	Special																											148		

☐ = Denotes Coil-O-Crimp® Hose Ends

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 = Denotes Coll-O-Crimp® Hose Ends

Part # Suffix	Hose End	Style	W	U	069" T	570" S	S	338" P	265" P	229" P	436" N	425" N	247" N	213" N	104" N	M	039" K	K	757" E	470" E	338" E	069" E	E	069" D	338" W	057" W	106" W	100" W	057" W	009" W					
G70	Flange 90° Tube Elbow	Code 61		183	194																														
G99	Flang 90° Tube Elbow	Special																																	
H00	Flange 22-1/2" Tube Elbow	Code 61		153																															
H20	Flange 30" Tube Elbow	Code 61																																	
H50	Flange 60" Tube Elbow	Code 61																																	
H60	Flange 67-1/2" Tube Elbow	Code 61																																	
H70	Flange 100" Tube Elbow	Code 61																																	
H80	Flange 110" Tube Elbow	Code 61																																	
H90	Flange 135" Tube Elbow	Code 61																																	
J00	Male Pipe	Swivel																																	
J33	Female For Swell 90° Tube Elbow Mec.	Swivel							158																										
J83	Female For Swell Straight Flange	Swivel																																	
K00	Flange Straight Thick Flange	Code 62																																	
K30	Flange 45" Tube Elbow Thick Flange	Code 62																																	
K60	Flange 90" Tube Elbow Thick Flange	Code 62																																	
L00	Bungo (Ford Tractor)	Special																																	
L10	MC 371 Female 30" Tube Elbow	Swivel																																	
L40	Male 48" Tube Elbow O-Ring Port	Swivel																																	
L60	Female 45" For Swell Tube Elbow	Swivel																																	
M00	Male Pipe 30" Elbow	Swivel																																	
N00	Split Flange 30" Tube Elbow	Code 62								111																									
N60	Split Flange 60" Tube Elbow	Code 62																																	
N80	Split Flange 67-1/2" Tube Elbow	Code 62																																	
P00	Male Straight Thread O-Ring	Rigid																																	
P50	Male Pipe, Brit. Std. 60° Cone Parallel	Rigid																																	
R00	Male Straight Thread O-Ring	Swivel																																	
R60	Male Straight Thread O-Ring 90° Elbow	Swivel																																	
S60	Female For Swell Straight	Swivel																																	
T00	Straight Tube	Rigid																																	
T50	Straight Tube-Long	Rigid																																	

