

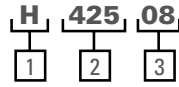
Numbering Systems

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.

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.



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

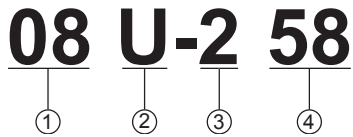
Numbering Systems

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.

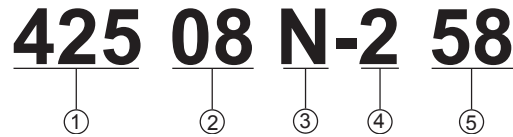
Crimp

- 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.
- Hose end type and material. Refer to Table 2. This letter is always followed by a dash.
- 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.
- 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.



Field Attachable

- 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.
- Hose size (I.D.) in sixteenths of an inch, or as shown in Table 1.
- Hose end type and material. Refer to Table 2.
This letter is always followed by a dash.
- 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.
- 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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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

Numbering Systems

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:

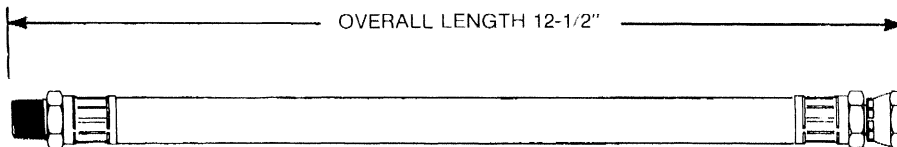
1. Type of desired hose
(see hose selection guide pages 4-8 or individual hose listings).
2. Hose size (I.D.) in sixteenths of an inch ($04 = 4/16" = 1/4"$).
Exception: $13/32"$ I.D. hose.
3. End style and material. Refer to Table 2 (Page 20).
- 4./5. Style and size of each hose end. Refer to the individual 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

① ② ③ ④ ⑤ ⑥



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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.

Part # Suffix	Hose End	Style	009 'B'	057 'B'	100 'B'	105 'B'	057 'P'	338 'B'	069 'D'	'E'	069 'E'	336 'E'	470 'E'	757 'E'	'K'	039 'K'	'M'	104 'N'	213 'N'	247 'N'	425 'N'	436 'N'	229 'P'	265 'P'	338 'P'	'S'	570 'S'	069 'T'	'U'	430 'U'	'W'
00A	Male DIN (Light)	Rigid															148											164	197		
00C	Female DIN (Light)	Swivel															149											170	186	200	
00D	Female DIN 45° (Light)	Swivel															151											175			
00E	Female Din 24°-45° Tube Elbow	Swivel															151														
00F	Male DIN (Heavy)	Rigid											110				148											165			
00K	Female 30° Flare (Komatsu)	Swivel							02																		171	187			
00L	Female JIS 30° Flare	Swivel							95																		172		201		
00P	Female Flat Face BSPP	Swivel																									172				
00S	Ready Lok®	Rigid																									173	187			
0PW	Pressure Washer	Swivel															150													204	
30T	Straight Tube-Metric	Rigid																										174			
40P	Brit. Std. 60° Cone Parallel Female Pipe 45°	Swivel											112				151											178	189		
50C	Female DIN (Heavy)	Swivel															149											171	186		
50D	Female DIN 90° (Light)	Swivel															152											180			
50E	Female DIN 90° (Heavy)	Swivel															153											180			
70P	Brit. Std 60° Cone Parallel Female Pipe 90°	Swivel							98				114				163											181	192	203	
050	Female Straight Pipe	Swivel															149											170		199	
100	Male Pipe	Rigid	205	206	209	212			218	92			109	220	221		147	222	226	230	236	240		156	158	160	180	163	184	197	
150	Male Pipe, British Standard tapered	Rigid																										164			
200	Female Pipe	Rigid				212																		156				168		199	
250	Female Pipe	Swivel			210																							169			
300	SAE 45° Male	Rigid		207	209																							166			
350	Brit. Std 60° Cone Parallel Female Pipe	Swivel								95			110															171	187	201	
380	SAE 45° Male 45° Elbow	Rigid																													
400	SAE 45° Female	Swivel			211		154		219	94			141					223	227	233	238	241					170			200	
440	SAE 45° Female 90° Tube Elbow Long	Swivel																													
460	SAE 45° Female 90° Tube Elbow Short	Swivel							98																						
480	SAE 45° Female 45° Tube Elbow	Swivel																											174	202	
500	JIC 37° Male	Rigid							93									223	231	237	240							166	185	198	


☐ = Denotes Coll-O-Crimp® Hose Ends

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Part # Suffix	Hose End	Style	009 'B'	057 'B'	100 'B'	105 'B'	057 'P'	338 'B'	069 'D'	'E'	069 'E'	336 'E'	470 'E'	757 'E'	'K'	039 'K'	'M'	104 'N'	213 'N'	247 'N'	425 'N'	436 'N'	229 'P'	265 'P'	338 'P'	'S'	570 'S'	069 'T'	'U'	430 'U'	'W'
550	JIC 37° Female 90° Tube Elbow	Swivel							181	87	93	98	110			221	148	223	227	232	237	241				160		182	156	200	
600	JIC 37° Female Elbow Long	Swivel								90	99	99						225	232	235	239							169	163	203	
640	JIC 37° Female 90° Tube Elbow	Swivel								89	95	99	113				153	224	228	234	239	241						180		203	
660	JIC 37° Female 45° Tube Elbow	Swivel								89	94	98	112				151	224	228	234	238	241						176	160	202	
750	Flareless Tube Ermeto®	Rigid								86			140							232								167			
950	Flareless Tube Ermeto® 45°	Rigid																										175			
970	Flareless Tube Ermeto® 90°	Rigid																										179			
A00	Inverted Female Elbow Short	Rigid	210																												
A20	Female For-Seal® 90° Tube Elbow	Swivel								99			113				152											181	163	204	
A60	Female For-Seal® 90° Tube Elbow Long	Swivel								99							152											183	163	204	
B00	Inverted Male Elbow	Swivel	210						219	93									226	231							166				
B20	Inverted Male Swivel Extended	Swivel																		231											
B40	Inverted Male 45° Tube Elbow	Swivel								96																		174			
B60	Inverted Male 90° Tube Elbow	Swivel		207						97																		177			
C00	Male Pipe 90° Elbow	Rigid		207	211																							168			
C30	Female Grease Tap	Rigid																												190	
C60	SAE 37° Female 60° Tube Elbow	Swivel																										188			
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																										139	185	198	
G00	Flange Straight	Code 61											111					224										145	188		
G09	Flange Straight (Komatsu)	Special																										145			
G40	Flange 45° Tube Elbow	Code 61																224										148	191		
G69	Flange 45° Tube Elbow (Komatsu)	Special																										148			


= Denotes Coll-O-Crimp® Hose Ends

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Part # Suffix	Hose End	Style	'009' B'	'057' B'	'100' B'	'105' B'	'057' P'	'338' B'	'069' D'	'E'	'336' E'	'470' E'	'757' E'	'K'	'039' K'	'M'	'104' N'	'213' N'	'247' N'	'425' N'	'436' N'	'229' P'	'265' P'	'338' P'	'S'	'570' S'	'069' T'	'U'	'430' U'	'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																											189			
H20	Flange 30° Tube Elbow	Code 61																											190			
H50	Flange 60° Tube Elbow	Code 61																											192			
H60	Flange 67-1/2° Tube Elbow	Code 61																											192			
H70	Flange 100° Tube Elbow	Code 61																											195			
H80	Flange 110° Tube Elbow	Code 61																											195			
H90	Flange 135° Tube Elbow	Code 61																											196			
J00	Male Pipe	Swivel							92	92																			185	198		
J33	Female For-Seal® 90° Tube Elbow Med.	Swivel																											182	204		
J63	Female For-Seal® Straight Flange*	Swivel																												201		
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	Banjo (Ford Tractor)	Special																														
L10	JIC 37° Female 30° Tube Elbow	Swivel																												173		
L40	Male 45° Tube Elbow O-Ring Port	Swivel																												174		
L60	Female 45° For-Seal® Tube Elbow	Swivel								97																				176		
M00	Male Pipe 90° Elbow	Swivel																												178	202	
N20	Split Flange 30° Tube Elbow	Code 62										111																			202	
N50	Split Flange 60° Tube Elbow	Code 62										113																				
N60	Split Flange 67 1/2° Tube Elbow	Code 62										113																				
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-Seal® Straight	Swivel								95																						
T00	Straight Tube	Rigid																														
T50	Straight Tube-Long	Rigid																														

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Part # Suffix	Hose End	Style	009 'B'	057 'B'	100 'B'	105 'B'	057 'P'	338 'B'	069 'D'	'E'	069 'E'	336 'E'	470 'E'	757 'E'	'K'	039 'K'	'M'	104 'N'	213 'N'	247 'N'	425 'N'	436 'N'	229 'P'	265 'P'	338 'P'	'S'	570 'S'	069 'T'	'U'	430 'U'	'W'
W00	Bumped Tube O-Ring Male	Rigid												140																	
W40	Bumped Tube O-Ring Female 45° Tube Elbow	Swivel												142																	
W60	Bumped Tube O-Ring Male 90° Tube Elbow	Rigid												143																	
X00	SAE 45° Flare Male 90° Elbow	Rigid												143																	
X20	30° Flare Female (P.T.T. Thread for Diesel Applications)	Swivel							219										227												
X60	SAE 37° Male 90° Elbow	Rigid																													
X80	Compressor Discharge (PTFE Hose)	Flange								96																					
Y00	Hose Mender	Rigid			211			215																							
Y20	Male Connector	Rigid						214																							
Y30	Male Connector w/ Spring Guard	Rigid						214																							
Y33	Hose Splicer	Special												141																	
Y50	Air Brake Connection Tube	Rigid								93																					
Y60	Air Brake Slider	Rigid																							158						
Y70	Air Brake	Swivel																							159						
Y80	Female Connector	Swivel																													
Z00	Bumped Tube O-Ring Male	Swivel												140																	
Z20	Bumped Tube O-Ring 45° Tube Elbow	Swivel												142																	
Z40	Bumped Tube O-Ring Female	Swivel												141																	
Z50	Bumped Tube O-Ring Female w/Service Port	Swivel												141																	
Z60	Bumped Tube O-Ring Male 90° Tube Elbow	Swivel												143																	
Z80	Bumped Tube O-Ring Female 90° Tube Elbow	Swivel												144																	
Z90	Bumped Tube O-Ring 90° Tube Elbow w/Service Port	Swivel												144																	