

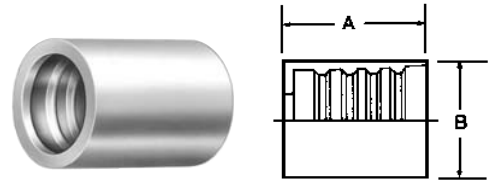
**GATES HYDRAULIC**

**PCM COUPLINGS**

# Gates PCM Couplings and Ferrules for G6K and C13 Hose Ferrules

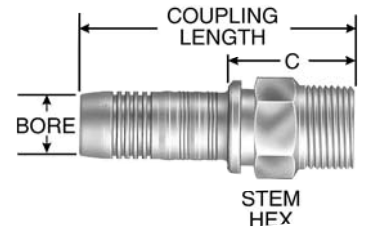
(PCM will be replaced w/Gates GS couplings in the future)

SPECIFICATIONS				
PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	BORE (IN.)
RB&H #	AUTOMOTIVE REFERENCE #			
20PCM-2F	83405	1 ¼	2.82	2.39
24PCM-2F	83402	1 ½	3.50	2.76
32PCM-2F	83403	2	3.68	3.44



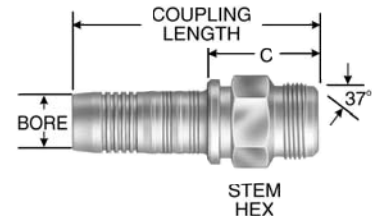
SPECIFICATIONS							
PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	BORE (IN.)	STEM HEX (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-20MP	83313	1 ¼	1 ¼ - 11 ½	1.06	1 13/16	4.93	2.18
24PCM-24MP	83314	1 ½	1 ½ - 11 ½	1.23	2	5.76	2.23
32PCM-32MP	83315	2	2 - 11 ½	1.63	2 ½	6.21	2.38

## NPTF Solid Male



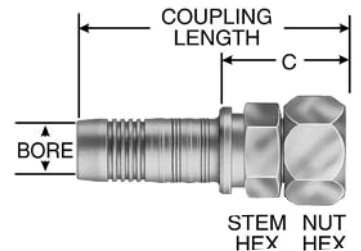
SPECIFICATIONS							
PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	BORE (IN.)	STEM HEX (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-20MJ	83323	1 ¼	1 5/8 - 12	1.06	1 13/16	4.86	2.11
24PCM-24MJ	83324	1 ½	1 7/8 - 12	1.23	2	5.84	2.32
32PCM-32MJ	83325	2	2 ½ - 12	1.63	2 ½	6.56	2.73

## Male JIC 37° Flare



## Female JIC 37° Flare Swivel

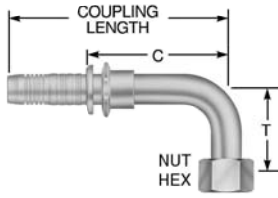
SPECIFICATIONS								
PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	BORE (IN.)	NUT HEX (IN.)	STEM HEX (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FJX	83327	1 ¼	1 5/8 - 12	1.06	2	1 13/16	5.24	2.49
24PCM-24FJX	83328	1 ½	1 7/8 - 12	1.23	2 3/8	2	6.24	2.72
32PCM-32FJX	83329	2	2 ½ - 12	1.63	3	2 ½	7.00	3.14



**GATES HYDRAULIC**

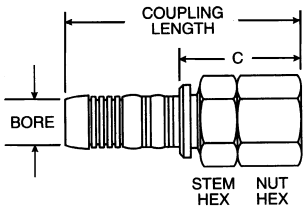
**PCM COUPLINGS**

**Female JIC 37° Flare Swivel 90° Bent Tube**



PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	NUT HEX (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-20FJX90M	83438	1 ¼	1 5/8 - 12	2	3 ½	7.86	5.11

**Female MegaSeal Swivel**



PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	BORE (IN.)	NUT HEX (IN.)	STEM HEX (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FMX	83556	1 ¼	1 5/8 - 12	1.062	2	1 13/16	5.31	2.56

**Hose Length Extender**



PRODUCT I.D.		HOSE I.D. (IN.)	LENGTH (IN.)
RB&H #	FERRULE PART #		
20PCM-20HLE	83488	1 ¼	-
24PCM-24HLE	83562	1 ½	-
32PCM-32HLE	83489	2	-

**Hose Length Extender 90°**



PRODUCT I.D.		HOSE I.D. (IN.)
RB&H #	AUTOMOTIVE REFERENCE #	
20PCM-20HLE90	2	1 ¼

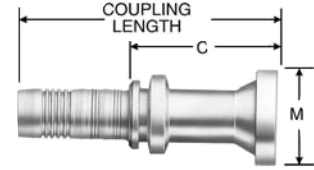
**GATES HYDRAULIC**

**PCM COUPLINGS**

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #					
<b>CODE 61</b>						
20PCM-20FL†	83336	1 ¼	1 ¼	2.00	5.75	3.00
24PCM-24FL†	83338	1 ½	1 ½	2.38	7.15	3.52
24PCM-32FL*	83254	1 ½	2	3.13	7.15	3.62
32PCM-32FL†	83339	2	2	2.81	8.00	4.18
<b>CODE 62</b>						
20PCM-16FLH	83237	1 ¼	1	1.88	6.75	4.00
20PCM-20FLH	83345	1 ¼	1 ¼	2.13	5.75	3.00
20PCM-24FLH	83346	1 ¼	1 ½	2.50	6.25	3.50
24PCM-24FLH	83347	1 ½	1 ½	2.50	7.15	3.65
24PCM-32FLH	83348	1 ½	2	3.13	7.70	4.17
32PCM-32FLH	83349	2	2	3.13	8.00	4.17

**O-Ring Flange Straight**  
CODE 61 AND CODE 62 – SAE J518

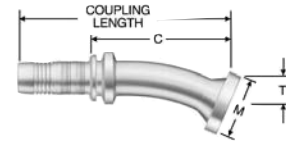


Flange halves, O-Rings, and kits available  
\* K=Komatsu style flange  
† -16FL maximum 5,000 psi; -20FL maximum 4,000 psi; -24FL and -32FL maximum 3,000 psi

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-20FLH22	83350	1 ¼	1 ¼	2.13	0.61	7.19	4.44
20PCM-24FLH22	83351	1 ¼	1 ½	2.50	0.68	7.37	4.62
24PCM-24FLH22	83384	1 ½	1 ½	2.50	0.80	8.98	5.45

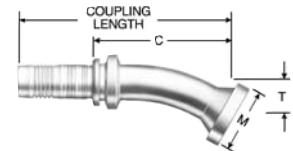
**O-Ring Flange 22 ½°**  
CODE 62 – SAE J518



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOM. FLG. SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
<b>CODE 61</b>							
20PCM-20FL30†	83408	1 ¼	1 ¼	2.00	0.88	7.12	4.37
24PCM-24FL30†	83409	1 ½	1 ½	2.38	1.11	8.87	5.34
<b>CODE 62</b>							
20PCM-20FLH30*	83379	1 ¼	1 ¼	2.13	0.88	7.13	4.38
20PCM-24FLH30*	83276	1 ¼	½	2.50	0.97	7.29	4.54
24PCM-24FLH30*	83380	1 ½	1 ½	2.50	1.11	8.87	5.34
32PCM-32FLH30†	83381	2	2	3.13	1.57	1.04	6.63

**O-Ring Flange 30°**  
CODE 61 AND CODE 62  
SAE J518



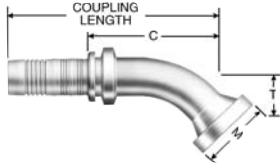
Flange halves, O-Rings, and kits available  
\* Check for availability  
† -16FL maximum 5,000 psi; -20FL maximum 4,000 psi; -24FL and -32FL maximum 3,000 psi

**GATES HYDRAULIC**

**PCM COUPLINGS**

**O-Ring Flange 45°**

CODE 61 AND CODE 62  
SAE J518



Flange halves, O-Rings, and kits available

\* K=Komatsu style flange

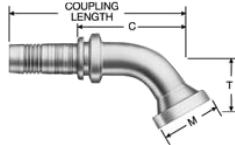
† -16FL maximum 5,000 psi; -20FL maximum 4,000 psi;  
-24FL and -32FL maximum 3,000 psi

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
<b>CODE 61</b>							
20PCM-20FL45†	83415	1 ¼	1 ¼	2.00	1.41	6.85	4.10
24PCM-24FL45†	83416	1 ½	1 ½	2.38	1.77	8.52	5.00
24PCM-32FL45	83468	1 ½	2	2.81	1.77	8.52	5.00
32PCM-32FL45†	83417	2	2	2.81	2.51	9.96	6.14
<b>CODE 62</b>							
20PCM-20FLH45	83393	1 ¼	1 ¼	2.13	1.41	6.84	4.09
20PCM-20FLH45L	—	1 ¼	1 ¼	2.13	2.00	7.43	4.68
20PCM-24FLH45	83394	1 ¼	1 ½	2.50	1.55	6.98	4.23
24PCM-24FLH45	83395	1 ½	1 ½	2.50	1.77	8.52	5.00

**O-Ring Flange 60°**

CODE 61 AND CODE 62  
SAE J518



Flange halves, O-Rings, and kits available

\* Check for availability

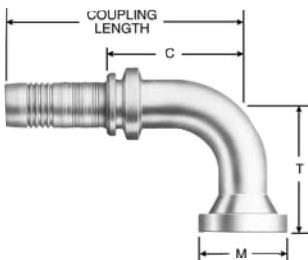
† -16FL maximum 5,000 psi; -20FL maximum 4,000 psi;  
-24FL and -32FL maximum 3,000 psi

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
<b>CODE 61</b>							
20PCM-20FL60†	83418	1 ¼	1 ¼	2.00	1.98	7.64	4.09
24PCM-24FL60†	83423	1 ½	1 ½	2.38	2.48	9.40	4.97
<b>CODE 62</b>							
20PCM-20FLH60*	83389	1 ¼	1 ¼	2.13	1.98	7.65	4.90
20PCM-24FLH60*	—	1 ¼	1 ½	2.50	2.14	7.75	5.00
24PCM-24FLH60*	83390	1 ½	1 ½	2.50	2.48	9.40	5.88
32PCM-32FLH60*	83391	2	2	3.13	3.43	1.12	7.42

**O-Ring Flange 90°**

CODE 61 AND CODE 62  
SAE J518



Flange halves, O-Rings, and kits available

\* K=Komatsu style flange

† -16FL maximum 5,000 psi; -20FL maximum 4,000 psi;  
-24FL and -32FL maximum 3,000 psi

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-16FL90	83447	1 ¼	1	1.75	2.50	5.90	3.15
20PCM-20FL90†	83412	1 ¼	1 ¼	2.00	3.00	6.39	3.64
24PCM-24FL90†	83413	1 ½	1 ½	2.38	3.68	7.84	4.31
32PCM-32FL90†	83414	2	2	2.81	5.12	9.07	5.24
<b>CODE 62</b>							
20PCM-16FLH90M	83238	1 ¼	1	1.88	2.50	5.90	3.15
20PCM-20FLH90	83373	1 ¼	1 ¼	2.13	3.00	6.39	3.64
20PCM-20FLH90L	83436	1 ¼	1 ¼	2.50	4.75	6.39	3.64
20PCM-20FLH90XL	83437	1 ¼	1 ¼	2.50	6.00	6.39	3.64
20PCM-24FLH90	83374	1 ¼	1 ½	2.50	3.19	6.39	3.64
24PCM-24FLH90	83375	1 ½	1 ½	2.50	3.68	7.84	4.31
24PCM-32FLH90	83424	1 ½	2	3.13	4.00	7.84	4.31
32PCM-32FLH90	83376	2	2	3.13	5.12	9.07	5.24

**GATES HYDRAULIC**

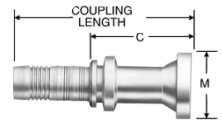
**PCM COUPLINGS**

**PCM O-Ring Flanges to Fit Caterpillar Flange Halves**

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	BORE (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)	FLG. HEAD THICKNESS (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FLC	83432	1 ¼	1 ¼	2.13	1.06	5.75	3.00	0.560
20PCM-24FLC	83433	1 ¼	1 ½	2.50	1.06	6.25	3.50	0.560
24PCM-24FLC	83434	1 ½	1 ½	2.50	1.23	7.15	3.63	0.560
32PCM-32FLC	83435	2	2	3.13	2.68	8.00	4.18	0.560

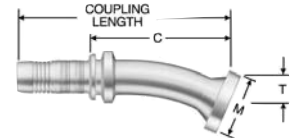
**O-Ring Flange  
Straight**  
CODE 62 – SAE J518  
CATERPILLAR STYLE



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)	FLG. HEAD THICKNESS (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FLC22	83442	1 ¼	1 ¼	2.13	0.66	7.21	4.46	0.560
20PCM-24FLC22	83443	1 ¼	1 ½	2.50	0.66	7.39	4.64	0.560

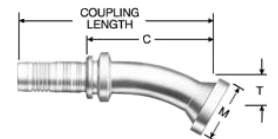
**O-Ring Flange 22 ½°**  
CODE 62 – SAE J518  
CATERPILLAR STYLE



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)	FLG. HEAD THICKNESS (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FLC30	83452	1 ¼	1 ¼	2.13	0.92	7.11	4.36	0.560
20PCM-24FLC30	83453	1 ¼	1 ½	2.50	0.92	7.31	4.56	0.560
24PCM-24FLC30	83575	1 ½	1 ½	2.50	0.92	8.92	5.39	0.560

**O-Ring Flange 30°**  
CODE 62 – SAE J518  
CATERPILLAR STYLE



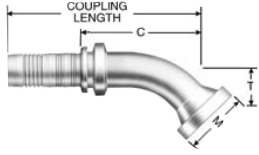
**GATES HYDRAULIC**

**PCM COUPLINGS**

**O-Ring Flange 45°**

CODE 62 – SAE J518

CATERPILLAR STYLE



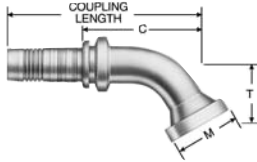
**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)	FLC. HEAD THICKNESS (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FLC45	83462	1 ¼	1 ¼	2.13	1.46	6.83	4.08	0.560
20PCM-24FLC45	83463	1 ¼	1 ½	2.50	1.46	7.02	4.27	0.560
24PCM-24FLC45	83464	1 ½	1 ½	2.50	1.54	8.62	5.10	0.560
32PCM-32FLC45	83465	2	2	3.13	2.51	9.96	6.14	0.560

**O-Ring Flange 60°**

CODE 62 – SAE J518

CATERPILLAR STYLE



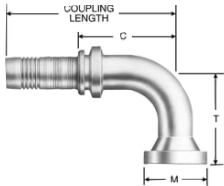
**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)	FLC. HEAD THICKNESS (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FLC60	83472	1 ¼	1 ¼	2.13	2.03	7.62	4.87	0.560
20PCM-24FLC60	83473	1 ¼	1 ½	2.50	2.03	7.81	5.06	0.560
24PCM-24FLC60	83474	1 ½	1 ½	2.50	2.15	9.58	6.06	0.560

**O-Ring Flange 90°**

CODE 62 – SAE J518

CATERPILLAR STYLE



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	NOMINAL FLANGE SIZE (IN.)	"M" FLANGE DIAMETER (IN.)	"T" DROP (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)	FLC. HEAD THICKNESS (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-20FLC90	83482	1 ¼	1 ¼	2.13	3.02	6.36	3.61	0.560
20PCM-24FLC90	83483	1 ¼	1 ½	2.50	3.02	6.55	3.80	0.560
24PCM-24FLC90	83484	1 ½	1 ½	2.50	3.41	8.10	4.58	0.560
32PCM-32FLC90	83485	2	2	3.13	5.12	9.07	5.24	0.560

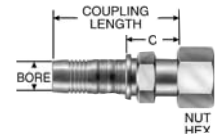
**GATES HYDRAULIC**

**PCM COUPLINGS**

**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	NUT HEX (IN.)	BORE (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-20FFORX	83552	1 1/4	1 11/16 - 12	1 7/8	1.06	5.09	2.34

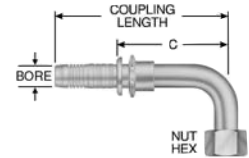
**Female Flat-Face O-Ring Swivel**



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (IN.)	NUT HEX (IN.)	BORE (IN.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #						
20PCM-20FFORX90S	83467	1 1/4	1 11/16 - 12	1 3/8	2.51	7.86	5.11

**Female Flat-Face O-Ring Swivel 90°**



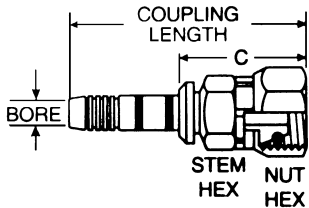
**GATES HYDRAULIC**

**PCM COUPLINGS**

**British Standard Pipe Parallel (BSPP) Thread**

**DIN (Deutsche Industrial Norme)\***

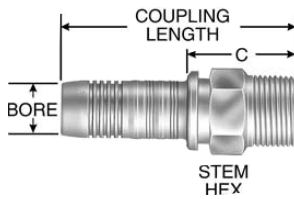
**Female DIN Swivel Straight Heavy Series**



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (MM.)	DIN TUBE O.D. (MM.)	BORE (IN.)	STEM HEX (MM.)	NUT HEX (MM.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #								
20PCM-38FDHX	83498	1 1/4	M52X2.0	38	1.06	46	60	5.18	2.43

**Male DIN Heavy Series**



**SPECIFICATIONS**

PRODUCT I.D.		HOSE I.D. (IN.)	THREAD SIZE (MM.)	TUBE O.D. (MM.)	BORE (IN.)	STEM HEX (MM.)	LENGTH (IN.)	"C" CUT-OFF (IN.)
RB&H #	AUTOMOTIVE REFERENCE #							
20PCM-38MDH	83147	1 1/4	M52X2.0	38	1.06	55	4.83	2.08

NOTE: Retaining ring and O-Ring for port side use available