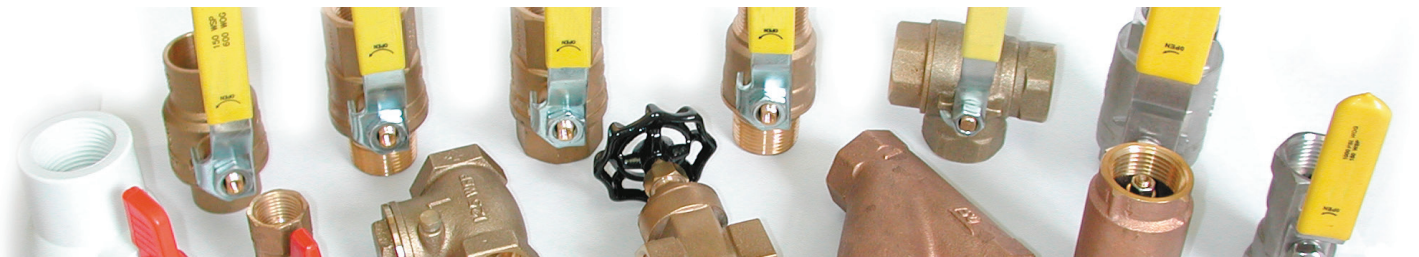
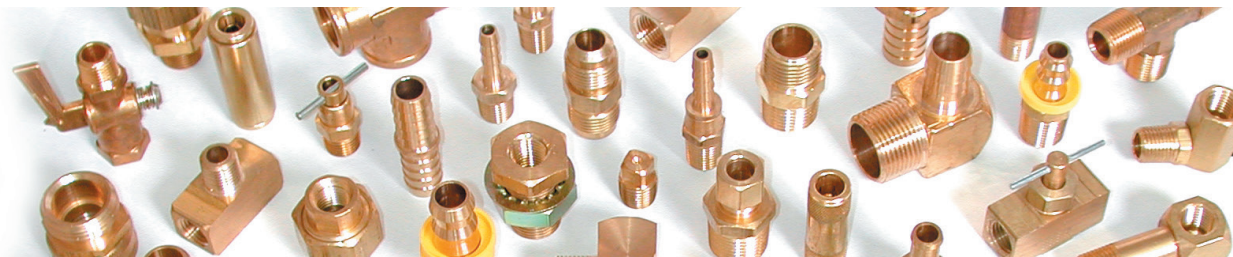



































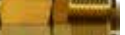


































COLUMBIA RUBBER AND GASKET

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BRASS FITTINGS PGS 1-169	PIPE PGS 1-13	90° ELBOW  PG 2	90° FORGED EL  PG 2	45° ELBOW  PG 2	UNION TEE  PG 2	UNION  PG 2	RED FRG TEE  PG 3	CROSS  PG 3
FORGED  PG 3	COUPLING  PG 3	REDCOUPLING  PG 4	UNION  PG 4	CAP  PG 4	90° ST EL  PG 4	90° ST EL  PG 4	FORGE 90°  PG 5	FORGE RED  PG 5
HEX BUSHING  PG 5	FACE BUSHING  PG 6	SQ HEAD PLUG  PG 6	COUNTER-SUNK  PG 6	SLOTTED HEAD  PG 6	CORED HEX  PG 6	SOLID HEX  PG 7	LOCKNUT  PG 7	CLOSE NIPPLE  PG 7
LONG NIPPLE  PG 7	HEX NIPPLE  PG 8	RED HEX NIPPLE  PG 8	45° ST EL  PG 8	45° FORGE ST EL  PG 8	STREET TEE  PG 9	FORGED ST TEE  PG 9	EXTENDER  PG 9	FPT X MPT SWIVEL  PG 9
MPT X FPT SWIVEL  PG 9	90° MALE ELBOW  PG 10	90° RED EL-BOW  PG 10	MALE BRANCH T  PG 10	FGD BRANCH TEE  PG 10	ALL MALE T  PG 11	LONG ST EL  PG 11	LONG EX ADAPT  PG 11	FIP X MIP WYE  PG 11
MALE WYE N/P  PG 11	ALL FIP N/P WYE  PG 11	BULK-HEAD FITTINGS PGS 12-13	BULKHEAD FXF  PG 12	BULKHEAD FXM  PG 12	BULKHEADFXM  PG 12	BULKHEAD FXM  PG 12	BULK TUBE X F  PG 12	FPXCLAMP-STUD  PG 12
MARINE BULK-HEAD  PG 12	STEEL BULK-HEAD  PG 13	STEEL BULK-HEAD  PG 13	STEEL BULK-HEAD  PG 13	STEEL BULK-HEAD  PG 13	STEEL BULK-HEAD  PG 13	STAINLESS BULKHEAD  PG 13	STAINLESS BULKHEAD  13	HOSE BARB PGS 15-22
MALE ADAPTER  PG 15	BSPT ADAPTER  PG 16	SWL MALE ADPT  PG 16	SWL MALE ADPT  PG 16	MENDER/SPLICER  PG 16	FEMALE ADAPT  PG 17	FEMALE SWIVEL  PG 17	MALE SWIVEL  PG 17	MALE SWIVEL  PG 17

















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GASKET  PG 18	HB 90° ELBOW  PG 18	BS 90° ELBOW  PG 19	TEE  PG 19	90° HB ELBOW  PG 19	FEMALE HB EL  PG 20	45° ELBOW  PG 20	CROSS  PG 20	BALL END  PG 21	
BALLSEAT  PG 21	BALLSEAT  PG 21	45° FLARE  PG 21	DUAL FLARE  PG 22	DUAL FLARE  PG 22	FEM FLARE  PG 22	FEM FLARE  PG 22	JIC FLARE SWL  PG 22	REUSE- ABLE FITTINGS PGS 23	
REUSABLE MALE  PG 23	REUSABLE STEMS  PG 23	REUSABLE SWIVELS  PG 23	REUSABLE FERRULES  PG 23	REUSABLE STEMS  PG 23	FUEL HOSE PGS 24-25		FUEL HOSE  PG 24		BUBBLE BARB  PG 24
90° MALE ELBOW  PG 24	BUBBLE BARB  PG 24	SWL MALE ELBOW  PG 25	WELD CON- NECTOR  PG 25	WELD HOSE NUT  PG 25	HOSE CON- NECT  PG 25	TUBE BARB PGS 26		UNION SINGLE BARB  PG 26	MALE ADAPT- ER 1 BARB  PG 26
FEMALE ADAPTER  PG 26	BULKHEAD UNION  PG 26	UNION ELBOW  PG 26	MALE 90° ELBOW  PG 26	FEMALE 90° EL  PG 26	1 BARB TEE  PG 26	MALE BRANCH T  PG 26	FEMALE BRANCH T  PG 26	TWO BARB  PG 26	
2 BARB TEE  PG 26	90° ELBOW 2 BARB  PG 26	SS. HOSE BARB PGS 27		SS ADAPTER  PG 27	SS SPLICER  PG 27	SS BARB ELBOW  PG 27	#304 SS HOSE  PG 27	#304 RED NIPPLE  PG 27	#304 SS HOSE NIPPLE  PG 27
HOSE NIPPLE  27	REDUCE HS NIP  PG 27	BEVER- AGE BARB PGS 28		BEVERAGE NUT  PG 28	BEVERAGE STEM  PG 28	90° SWL EL- BOW  PG 28	HOSE SPLICER  PG 28	BARB SPLICER  PG 28	BARB HOSE TEE  PG 28
FLARE ADAPTER  PG 28	BEVERAGE  PG 28	SWIVEL EL- BOW  PG 28	NPT ELBOW  PG 28	SPLICER ELBOW  PG 28	PUSH-ON BARB PGS 30-35		MALE ADAPTER  PG 30	MALE SWIVEL  PG 30	FEMALE SWIVEL  PG 30



































































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HOSE SPLICER  PG 31	FEMALE  PG 31	MALE ELBOW  PG 31	TUBE  PG 32	SAE FLARE  PG 32	37° JIC FLARE  PG 32	DUAL SEAL  PG 32	45° SAE FL  PG 33	37° JIC FL SWL  PG 33
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SWL FGH X FGH  PG 37	FGH X FGH  PG 37	SWL FGH X FPIPE  PG 37	RGD FGH X FPIPE  PG 37	RGD FGH X FPIPE  PG 38	SWL FGH X MPIPE  PG 38	DSHWSHR ELBOW  PG 38		SWL FGH X MPIPE  PG 38
RGD FGH X MPIPE  PG 38	RGD FEMALE PIPE  PG 39	RGD FEMALE PIPE  PG 39	RGD MALE PIPE  PG 39	RGD MGH X MGH  PG 39	GH NUT  PG 39	GH NUT  PG 39	GH WASHER  PG 40	GH WASHER  PG 40
GH FILTER WSHR  PG 40	GH CAP  PG 40	GH CAP W/ CHAIN  PG 40	GH PLUG  PG 40	QCK DISCON GH  PG 41	QCK DISCON GH  PG 41	MALE FL X FGH RGD  PG 41	MALE FL SWIVEL  PG 41	COMP X FGH  PG 41
GH SWIVEL  PG 41	FEMALE SWIVEL  PG 42	SS FEMALE SWL  PG 42	MALE END  PG 42	SS MALE END  PG 42	GH COUPLING  PG 42	GH COUPLING  PG 42	FEMALE END  PG 43	MALE END  PG 43
GH COUPLING  PG 43	FEMALE SWL 2"  PG 43	MALE END 2"  PG 43	GH COUPLING 2"  PG 43	FE. SHRT SHNK  PG 44	MALE SHRT SHNK  PG 44	SHRT SHNK SETS  PG 44	FE. LONG SHNK  PG 44	M. LONG SHANK  PG 44
LONG SHNK SET  PG 44	FEMALE END  PG 45	BRASS BALL VALV  PG 45	HOSE SHUT-OFF  PG 45	PL. GH VALVE  PG 46	CAST WYE  46	2-WAY SHUT-OFF  PG 46	"Y" CONNecTOR  PG 46	SWL HOSE CONN  PG 46



































































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 "Y" CONNEC- PG 46	 BRASS PG 47	 CROSS PATTRN PG 47	 CROSS PATTRN PG 47	 SPRAY PG 47	 SPRAY PG 47	 SPRAY PG 47	 PL. SPRAY PG 47	FLARE PGS 49-60
 SHORT ROD PG 49	 RED. SHRT PG 49	 LONG ROD PG 49	 LONG FRG. PG 50	 SHORT FRG. PG 50	 HVY. SHRT NUT PG 50	 REDUCING PG 50	 FLARED PLUG PG 51	 FLARED CAP PG 51
 FNGR TIGHT. CAP PG 51	 COPPER GASKET PG 51	 COPPER BON- NET PG 52	 M BALL CHK CON PG 52	 UNION PG 52	 REDUCING UNION PG 53	 UNION TEE PG 53	 REDUCING TEE PG 53	 M. BRANCH TEE PG 54
 FE. ADAPTER PG 54	 MALE ADAPTER PG 55	 MALE ELBOW PG 56	 MALE ELBOW PG 56	 FEMALE ELBOW PG 57	 MALE RUN TEE PG 57	 FLARE CROSS PG 58	 ADAPTER TEE PG 58	 FLARE ELBOW PG 58
 REDUCING ELBOW PG 58	 UNION PG 59	 FE. FL ADAPTER PG 59	 FL REDUCER PG 59	 FORGED SWIVEL PG 60	 REDUCING SWL PG 60	 SWIVEL EL- BOW PG 60	SPACE HEATER PG 61	 SPACE NUT PG 61
 HEATER MALE PG 61	 SPACE FE- MALE PG 61	 HEATER UNION PG 61	GAS RANGE PG 61	 GAS MALE PG 61	 RANGE FE- MALE PG 61	 DRUM ADTR PG 61	 RANGE CAP 61	PUSH-ON BARB PGS 30-35
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ELBOW  PG 68	45° ELBOW  68	UNION TEE  PG 68	STEEL PLUG  PG69	M. BRANCH  PG 69	FEMALE  PG 69	MALE RUN TEE  PG 69	FE. BRANCH  PG 70	TRAIL BRAKE  PG 70
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DRILLED UNION  PG 75	CHECK VALVE  PG 76	TEE  PG 76	TEE  PG 76	REDUCING TEE  PG 76	UNION ELBOW  PG 77	REDUCING ELBOW  PG 77	TANK ADAPTER  PG 77	COMP X SWEAT  PG 77
FE. ADAPTER  PG 78	MALE ADAPTER  PG 79	MALE ELBOW  PG 80	MALE ELBOW  PG 80	MALE RUN TEE  PG 81	M. BRANCH TEE  PG 81	M. BRANCH TEE  PG 81	FE. ELBOW  PG 82	FE. ELBOW  PG 82
FORGED TEE  PG 82	ADAPTER TEE  PG 83	FE. BRANCH TEE  PG 83	45° ELBOW  PG 83	DOUBLE COMP. PG 84	DOUBLE COM- PRESSION  PG 84	MALE ADAPTER  PG 84	90° ELBOW  PG 84	BREAK-AWAY NUT  PG 84
SPLIT SLEEVE PG 85	SPLIT SLEEVE  PG 85	NUT  PG 85	DBL. END UNION  PG 85		CONNECTOR TRANSMIS- SION  PG 85	ELBOW  PG 85	COMP AS- SEMBLIES PG 86	DELIN SLEEVE  PG 86

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<p>SLE. NEED.</p>  <p>PG 87</p>	<p>FLARE-LESS PGS 82-92</p>	<p>NUT PLS.</p>  <p>PG 89</p>	<p>UNION</p>  <p>PG 89</p>	<p>BULKHEAD</p>  <p>PG 89</p>	<p>UNION TUBE</p>  <p>PG 89</p>	<p>BULKHEAD</p>  <p>PG 89</p>	<p>UNION TEE</p>  <p>PG 90</p>	<p>FE. CONNEC-</p>  <p>PG 90</p>
<p>M. CONNEC-TOR</p>  <p>PG 90</p>	<p>MALE ELBOW</p>  <p>PG 90</p>	<p>FEMALE ELBOW</p>  <p>PG 91</p>	<p>MALE RUN TEE</p>  <p>PG 91</p>	<p>M. BRANCH TEE</p>  <p>PG 91</p>	<p>FE. BRANCH TEE</p>  <p>PG 91</p>	<p>UNI NUT SLEEVE</p>  <p>PG 92</p>	<p>NUT</p>  <p>PG 92</p>	<p>PLASTIC SLEEVE</p>  <p>PG 92</p>
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<p>FE. SWVL ELBOW</p>  <p>PG 97</p>	<p>FEMALE ELBOW</p>  <p>PG 97</p>	<p>SWVL M. RUN T</p>  <p>PG 98</p>	<p>FIXED M. RUN T</p>  <p>PG 98</p>	<p>SWVL M. BRANCH</p>  <p>PG 98</p>	<p>FIX M. BRANCH T</p>  <p>PG 98</p>	<p>UNION "Y"</p>  <p>PG 99</p>	<p>BULKHEAD UNION</p>  <p>PG 99</p>	<p>FE. BLKHD UNION</p>  <p>PG 99</p>
<p>REDUCER</p>  <p>PG 99</p>	<p>PLASTIC PLUG</p>  <p>PG 99</p>	<p>N/P BRASS PUSH-IN PGS 101-104</p>	<p>UNION CON-NECT</p>  <p>PG 101</p>	<p>UNION TEE</p>  <p>PG 101</p>	<p>FE. CONNEC-TOR</p>  <p>PG 101</p>	<p>UNION ELBOW</p>  <p>PG 101</p>	<p>FIXED M. ELBOW</p>  <p>PG 102</p>	<p>MALE W/INT HEX</p>  <p>PG 102</p>
<p>M. CONNEC-TOR</p>  <p>PG 102</p>	<p>SWVL. M. ELBOW</p>  <p>PG 103</p>	<p>FE. SWVL ELBOW</p>  <p>PG 103</p>	<p>SWVL. M. RUN T</p>  <p>PG 103</p>	<p>REDUCER</p>  <p>PG 104</p>	<p>UNION "Y"</p>  <p>PG 104</p>	<p>SWVL M. BRANCH</p>  <p>PG 104</p>	<p>BULKHEAD UNION</p>  <p>PG 104</p>	<p>N/P VALVES PG 105</p>
<p>PUSH-IN VALVE</p>  <p>105</p>	<p>TUBE X MIP MINI</p>  <p>PG 105</p>	<p>FIP MINI BALL</p>  <p>PG 105</p>	<p>MXF MINI BALL</p>  <p>PG 105</p>	<p>FIP ANGLE BALL</p>  <p>PG 105</p>	<p>3-WAY MINI</p>  <p>PG 105</p>	<p>3_WAY MINI</p>  <p>PG 105</p>	<p>METRIC N/P BRASS PGS106-108</p>	<p>BULKHEAD UNION</p>  <p>PG 106</p>




































































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METRIC SW ELBOW  PG 115	METRIC WYE  PG 116	METRIC SW WYE  PG 116	DOT BRASS PUSH-IN PGS 118-123	PLUG  PG 118	UNION  PG 118	UNION TEE  PG 118	UNION ELBOW  PG 118	FEMALE CONN  PG 119
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 <p>PG 132</p>	 <p>PG 132</p>	 <p>PG 133</p>	 <p>PG 133</p>	 <p>PG 133</p>	 <p>PG 133</p>	 <p>PG 133</p>	<p>DOT FOR COPPER PGS 134-135</p>		
 <p>PG 134</p>	 <p>PG 134</p>	 <p>PG 135</p>	 <p>PG 135</p>	 <p>PG 135</p>	<p>DOT FOR HOSE PGS 136-138</p>		 <p>PG 136</p>	 <p>PG 136</p>	 <p>PG 136</p>
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 <p>PG 141</p>	 <p>PG 141</p>	 <p>PG 141</p>	 <p>PG 141</p>	 <p>PG 141</p>	 <p>PG 141</p>	 <p>PG 142</p>	 <p>PG 142</p>	 <p>PG 142</p>	

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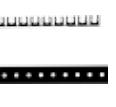










































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