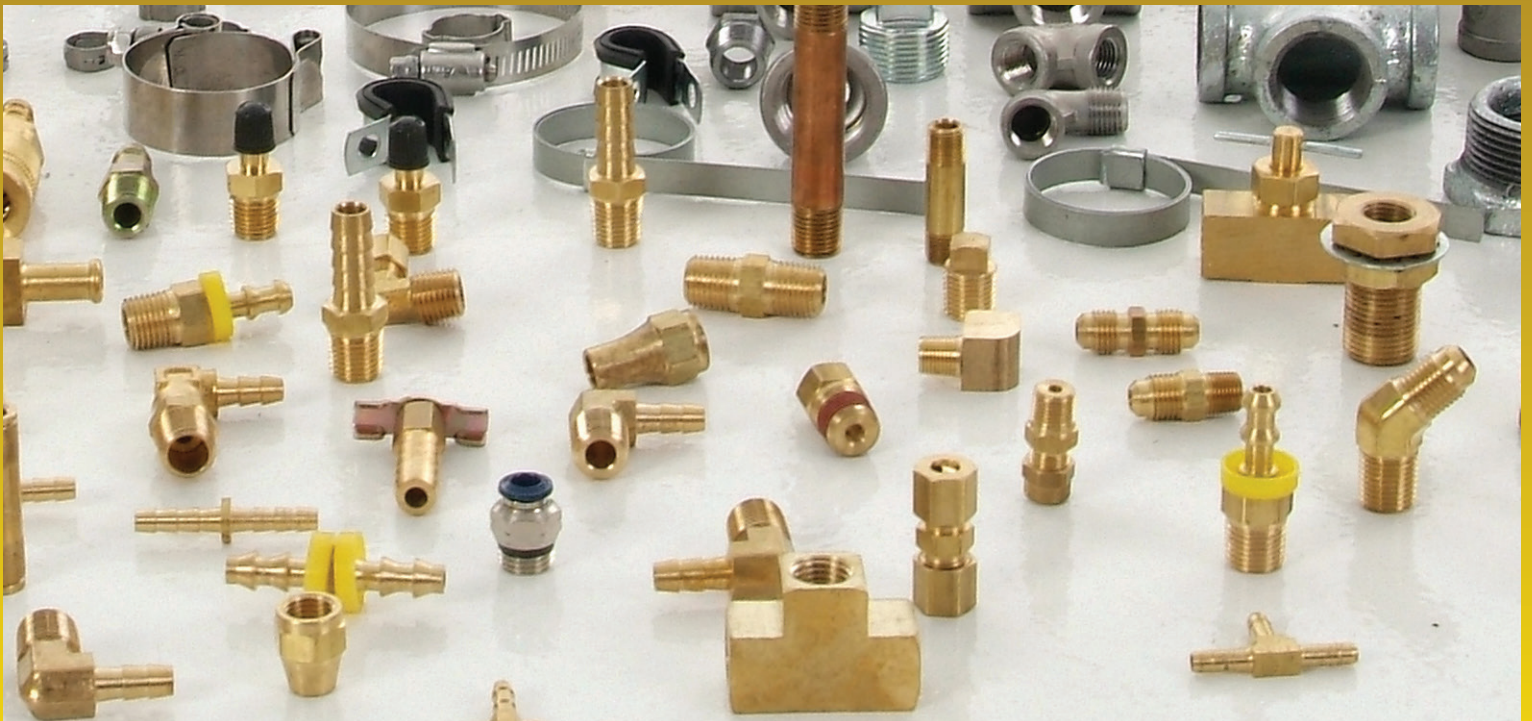
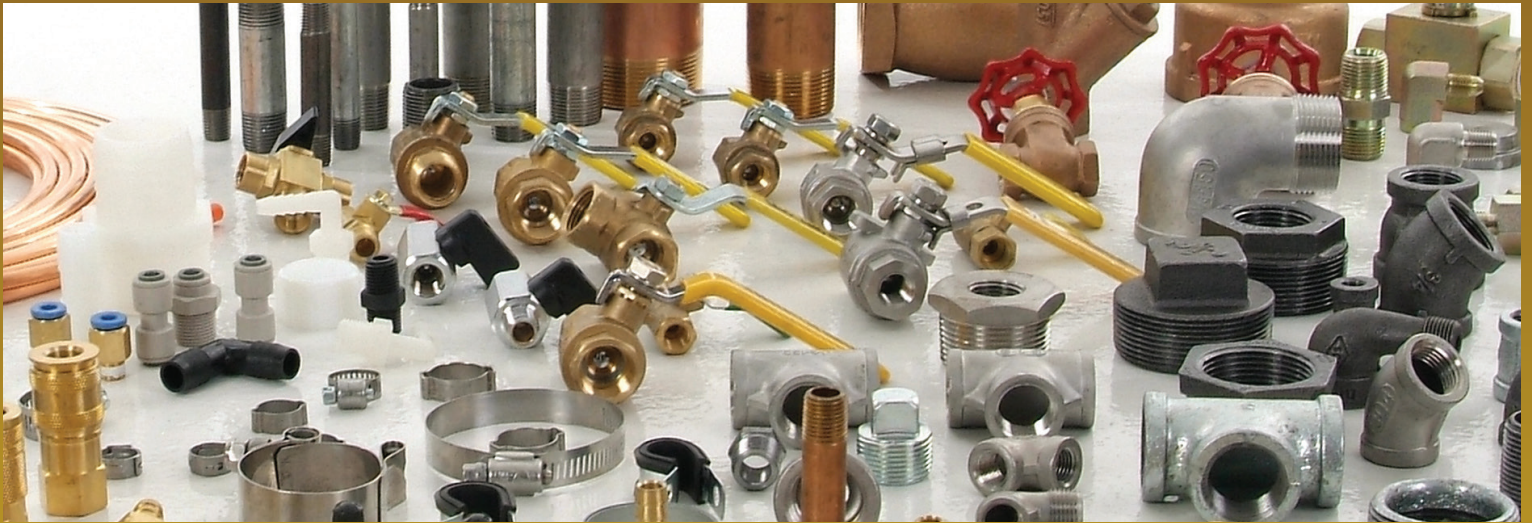




HYDRAULIC SERVICES


































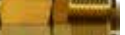


































2018 PICTORIAL INDEX



WWW.FTHYDRAULICS.COM

PICTORIAL INDEX

BRASS

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

















BRASS

PICTORIAL INDEX

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


































































PICTORIAL INDEX

BRASS

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
INV FLARE  PG 33	FEMALE  PG 34	BALLSEAT  PG 34	FEMALE  PG 34	316 MALE ADPT  PG 35	FEMALE  PG 35	37° JIC FL SWL  PG 35	GARDEN HOSE PGS 37-47	SWL MGH X  PG 37
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





































































BRASS

PICTORIAL INDEX

 PG 46	 PG 47	 PG 47	 PG 47	 PG 47	 PG 47	 PG 47	 PG 47	<p>FLARE PGS 49-60</p>
 PG 49	 PG 49	 PG 49	 PG 50	 PG 50	 PG 50	 PG 50	 PG 51	
 PG 51	 PG 51	 PG 52	 PG 52	 PG 52	 PG 53	 PG 53	 PG 53	 PG 54
 PG 54	 PG 55	 PG 56	 PG 56	 PG 57	 PG 57	 PG 58	 PG 58	 PG 58
 PG 58	 PG 59	 PG 59	 PG 59	 PG 60	 PG 60	 PG 60	<p>SPACE HEATER PG 61</p>	 PG 61
 PG 61	 PG 61	 PG 61	<p>GAS RANGE PG 61</p>	 PG 61	 PG 61	 PG 61		 61
 PG 62	 PG 62	 PG 62		 PG 62	 PG 62	 PG 62	 PG 62	 PG 62
 PG 63	 PG 63	 PG 63	 PG 64	 PG 64	<p>INVERTED FLARE PGS 66-72</p>	 PG 66	 PG 66	 PG 66



































































PICTORIAL INDEX

BRASS

METRIC TUBE  PG 66	METRIC TUBE  PG 66	METRIC TUBE  PG 66	METRIC TUBE  PG 66	METRIC TUBE  PG 66	METRIC TUBE  PG 66	UNION INTER-  PG 67	FE. ADAPTER  PG 67	MALE  PG 67
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
CYLINDER ADAPT  PG 70	CYLINDER ADAPT  PG 71	CARBURETOR  PG 71	RESTRICT. ADAPT  PG 71	SAE FL X INVERT  PG 72	METRIC ADAPTER  PG 72	ADAPT STAND- DARD  PG 72	METRIC UNION  PG 72	COM- PRESSION PGS 74-83
BRASS SLEEVE  PG 74	BRASS NUT  PG 74	CAP  PG 74	COMPRESS PLUG  PG 74	BRASS SLEEVE  PG 74	UNION  PG 75	REDUCING UNION  PG 75	BULKHEAD UNION  PG 75	BULKHEAD NUTS  PG 75
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	BRASS INSERT  PG 86

BRASS

PICTORIAL INDEX

<p>LONG NUT</p>  <p>PG 86</p>	<p>SELF-ALIGN</p>  <p>PG 86</p>	<p>CAPTIVE SLEEVE PG 87</p>	<p>CAP SLEEVE</p>  <p>PG 87</p>	<p>UNION</p>  <p>PG 87</p>	<p>MALE</p>  <p>PG 87</p>	<p>MALE ELBOW</p>  <p>PG 87</p>	<p>M. BRANCH</p>  <p>PG 87</p>	<p>ANG. NEED.</p>  <p>PG 87</p>
<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>
<p>PLASTIC CAP</p>  <p>PG 92</p>	<p>BRASS PUSH-IN PGS 95-99</p>	<p>UNION CON-NECT</p>  <p>PG 95</p>	<p>UNION TEE</p>  <p>PG 95</p>	<p>UNION ELBOW</p>  <p>PG 95</p>	<p>FE. CONNEC-TOR</p>  <p>PG 95</p>	<p>M. CONNEC-TOR</p>  <p>PG 96</p>	<p>SWVL. M. ELBOW</p>  <p>PG 96</p>	<p>FIXED M. ELBOW</p>  <p>PG 97</p>
<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>




































































PICTORIAL INDEX

BRASS

UNION TEE  PG 106	UNION ELBOW  PG 106	UNION "Y"  PG 106	PLUG  PG 106	METRIC TUBE  PG 107	INTERNAL HEX  PG 107	METRIC TUBE  PG 107	METRIC SWVL  PG 107	METRIC SWVL  PG 108
BULKHEAD  PG 108	COM- POSITE PUSH-IN PGS 110-113	UNION  PG 110	UNION TEE  110	FE. CONNec-  PG 110	90° UNION ELB.  PG 110	UNION "Y"  PG 110	M. CONNec-  111	SW MALE  PG 111
LONG PTTN M. EL  PG 111	FE. SWVL ELBOW  PG 112	45 SWIVEL ELL  PG 112	SWVL M. RUN T  PG 112	SWVL M. BRANCH  PG 112	BULKHEAD FE.  PG 113	BULKHEAD UNION  PG 113	SWIVEL "Y" CON  PG 113	NEEDLE VALVE  PG 113
FLOW CON- TROL  PG 113	FLOW CON- TROL  PG 113	METRIC PUSH-IN PGS 114-116	METRIC MALE  PG 114	METRIC EL- BOW  PG 114	METRIC TEE  PG 114	METRIC UNION  PG 114	METRIC TEE  PG 115	METRIC TEE  PG 115
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
MALE BRANCH TMALE CON- NECTOR  PG 119	MALE ELBOW  PG 120	MALE SWL ELBOW  PG 120	FEMALE ELBOW  PG 121	FEMALE SWL EL  PG 121	MALE RUN TEE  PG 121	MALE SWL RUN T  PG 122	MALE 45° ELBOW  PG 122	45° SWL EL- BOW  PG 122
MALE BRANCH T  PG 122	SWL BRANCH TEE  PG 123	FEM BRANCH T  PG 123	BULK CON- NECT  PG 123	BULKHEAD UNION  PG 123	FEM BULK UNION  PG 123	DOT COMP PUSH-IN PGS 125128	STRAIGHT UNION  125	UNION TEE  PG 125
UNION 90° EL  PG 125	FEM CONNec- TOR  PG 125	MALE CON- NECTOR  PG 126	90° MALE ELBOW  PG 126	90° FEMALE EL  PG 126	MALE RUN TEE  PG 127	MALE BRANCH T  PG 127	FEM BRANCH T  PG 127	45° MALE ELBOW  PG 127





BRASS

PICTORIAL INDEX

 <p>PG 128</p>	 <p>PG 128</p>	 <p>PG 128</p>	 <p>PG 128</p>	<p>DOT FOR NYLON TUBE PG 130-133</p>		 <p>PG 130</p>	 <p>PG 130</p>	 <p>PG 130</p>	 <p>PG 130</p>
 <p>PG 130</p>	 <p>PG 130</p>	 <p>PG 131</p>	 <p>PG 131</p>	 <p>PG 131</p>	 <p>PG 131</p>	 <p>PG 132</p>	 <p>PG 132</p>	 <p>PG 132</p>	
 <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>
 <p>PG 137</p>	 <p>PG 137</p>	 <p>PG 137</p>	 <p>PG 137</p>	 <p>PG 137</p>	 <p>PG 138</p>	 <p>PG 138</p>	 <p>PG 138</p>	 <p>PG 138</p>	
<p>GREASE FITTINGS PGS 139-142</p>		 <p>PG 139</p>	 <p>PG 139</p>	 <p>PG 139</p>	 <p>PG 139</p>	 <p>PG 139</p>	 <p>PG 139</p>	 <p>PG 139</p>	 <p>PG 140</p>
 <p>PG 140</p>	 <p>PG 140</p>	 <p>PG 140</p>	 <p>PG 140</p>	 <p>PG 140</p>	 <p>PG 140</p>	 <p>PG 140</p>	 <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 141</p>	 <p>PG 141</p>	 <p>PG 142</p>	 <p>PG 142</p>	 <p>PG 142</p>	

PICTORIAL INDEX

BRASS

5/16"-24  PG 142	3/8" - 24  PG 142	BUTTON HEAD  PG 142	WHIP HOSE  PG 142	DRAIN COCKS PGS 144-145	GAS SHUT OFF  PG 144	DRAIN COCK  PG 144	TRUCK DRAIN  PG 144	SHUT OFF  PG 144
LEVER  PG 144	AIR TANK  PG 144	INTERNAL  PG 145	INTERNAL  PG 145	LG INTERNAL  PG 145	TEE HANDLE  PG 145	EXT W/ SPOUT  PG 145	BIBB NEEDLE  PG 145	RADIATOR  PG 145
SHUT OFF COCKS PG 146	COMP X MALE  PG 146	COMP X COMP  PG 146	FEMALE X FEM  PG 146	MALE X FE-MALE  PG 146	MALE X MALE  PG 146	NEEDLE VALVES PGS 147-148	COMP X MALE  PG 147	COMP X M ANGLE  PG 147
COMP X COMP  PG 147	FLARE X MALE  PG 147	FLARE X MALE  PG 148	FLARE X FLARE  PG 148	AIR VENT  PG 148	MALE TO MALE  PG 148	F X F  PG 148	MALE X FE-MALE  PG 148	TRUCK VALVES PG 149
TRUCK VALVE  PG 149	HOSE TO MALE  PG 149	FEMALE TO MALE  PG 149	FLARE TO MALE  PG 149	SOLID BOTTOM VALVES PG 149	SOLID BOT-TOM  PG 149	FIP X FIP  PG 149	FUEL VALVE  PG 149	MALE X MALE  PG 149
F X F  PG 149	MALE X FLARE  PG 149	MULTI PORT VALVES PGS 150-151	3-WAY (SIDE)  PG 150	3-WAY (BOT-TOM)  PG 150	4-WAY  PG 150	6-PORT  PG 151	MARINE VALVES PG 151	ANTI-SIPHON  PG 151
ANTI-SIPHON  PG 151	ALUM ANTI-SIPHON  PG 151	MXF ANTI-SIPHON  PG 151	ALUM MXF  PG 151	ALUM BARB  PG 151	FL X MIP  PG 151	MINI BALL VALVES PG 152	MINI BALL  PG 152	MALE X MALE  PG 152
PIPE X BARB  PG 152	F X F  PG 152	F X F  PG 152	F X F  PG 152	FNPT X FNPT  PG 152	MNPT X FNPT  PG 152	PANEL MOUNT VALVES PG 152	PANAL MOUNT  PG 152	F X F  PG 152

<p>F X F</p>  <p>PG 152</p>	<p>CHECK VALVES PG 153</p>	<p>FIPXFIP</p>  <p>PG 153</p>	<p>FXF BUNA-N</p>  <p>PG 153</p>	<p>MXM BUNA</p>  <p>PG 153</p>	<p>M X F BUNA-N</p>  <p>PG 153</p>	<p>MNPT X MNPT</p>  <p>PG 153</p>	<p>MNPT X FNPT</p>  <p>PG 153</p>	<p>FNPT X FNPT</p>  <p>PG 153</p>
<p>NPT X NPSM</p>  <p>PG 153</p>		<p>F X F</p>  <p>PG 153</p>	<p>F X M</p>  <p>PG 153</p>	<p>M X F</p>  <p>PG 153</p>	<p>M X M CHECK</p>  <p>PG 153</p>	<p>L/F PIPE PGS 155-157</p>	<p>90 ELBOW</p>  <p>PG 155</p>	<p>TEE</p>  <p>PG 155</p>
<p>COUPLING</p>  <p>PG 155</p>	<p>RED COUPLING</p>  <p>PG 155</p>	<p>HEX BUSHING</p>  <p>PG 155</p>	<p>FACE BUSHING</p>  <p>PG 155</p>	<p>HEX CAP</p>  <p>PG 156</p>	<p>SOLID SQ PLUG</p>  <p>PG 156</p>		<p>COUNTER-SUNK</p>  <p>PG 156</p>	<p>CORED HEX PLUG</p>  <p>PG 156</p>
<p>HEX NIPPLE</p>  <p>PG 156</p>	<p>MALE BRANCH T</p>  <p>PG 156</p>	<p>EXT ADAPTER</p>  <p>PG 157</p>	<p>STR/SERVICE TEE</p>  <p>PG 157</p>	<p>L/F BARB PGS 157-158</p>	<p>RIGID M ADAPTER</p>  <p>PG 157</p>	<p>MENDER/SPLICER</p>  <p>PG 157</p>	<p>FE ADAPTER</p>  <p>PG 157</p>	<p>FORGED HB 90°</p>  <p>PG 157</p>
<p>HB TEE</p>  <p>PG 158</p>	<p>FE FL SWIVEL</p>  <p>PG 158</p>	<p>BXB BALL VALVE</p>  <p>PG 158</p>	<p>L/F PUSH-ON PG 158</p>		<p>MALE ADAPTER</p>  <p>PG 158</p>	<p>SAE/JIC F SWL</p>  <p>PG 158</p>	<p>L/F GARDEN PGS 158-159</p>	<p>FGHXFGH SWL</p>  <p>PG 158</p>
<p>MGH X M PIPE</p>  <p>PG 158</p>	<p>FEMALE SWIVEL</p>  <p>PG 158</p>	<p>FGHXMIP SWL</p>  <p>PG 159</p>		<p>L/F FLARE PGS 159-160</p>	<p>SHORT ROD NUT</p>  <p>PG 159</p>	<p>SHORT FORGE NUT</p>  <p>PG 159</p>		<p>FLARED CAP</p>  <p>PG 159</p>
<p>FEMALE ADAPTER</p>  <p>PG 159</p>	<p>MALE ADAPTER</p>  <p>PG 159</p>	<p>90° MALE ELBOW</p>  <p>PG 160</p>	<p>MALE RUN TEE</p>  <p>PG 160</p>		<p>FORGED SWIVEL</p>  <p>PG 160</p>	<p>L/F COMP PGS 160-163</p>	<p>BRASS INSERT</p>  <p>PG 160</p>	<p>CAP</p>  <p>PG 161</p>
<p>RED UNION</p>  <p>PG 161</p>	<p>TEE</p>  <p>PG 161</p>	<p>FORGED RED TEE</p>  <p>PG 161</p>	<p>UNION ELBOW</p>  <p>PG 161</p>	<p>FORGED RED EL</p>  <p>PG 161</p>	<p>COMP X SWEAT</p>  <p>PG 161</p>		<p>FEMALE ADAPTER</p>  <p>PG 162</p>	<p>MALE ADAPTER</p>  <p>PG 162</p>








PICTORIAL INDEX

VALVES

FEMALE  PG 162	NEEDLE VALVE  PG 163	M X F PIPE  PG 163	COMP X M  PG 163	DISHWASHER  PG 163	DISHWASHER  PG 163	ICE MAKER KIT  PG 163	ICE MAKER KIT  PG 163	SADDLE VALVE  PG 163
VALVES PGS 165- 209	L/F BALL VALVES PGS 165-167	LF BALL VALVE  PG 165	SWT X SWT  PG 165	FIP X FIP LF  PG 166	SWT X SWT LF  PG 166	LF ITALIAN  PG 167	SWT X SWT LF  PG 167	L/F VALVES PG 168
GATE VALVE CXC  PG 168	LF BRASS CHECK  PG 168	SWING CHECK  PG 168	CXC SWING CHK  PG 168	Y-STRAINER  PG 168	BRASS BALL VALVES PGS 169-180	FORGED BRASS  PG 169	LOCKING HANDLE  PG 170	BUTTERFLY HANDLE  PG 171
FXF NICKEL PLTD  PG 172	NP/SS TRIM  PG 173	ITALIAN BALL VALVE  PG 174	M X F  PG 175	ITALIAN M X F  PG 176	MXF TEE HANDLE  PG 177	FXM LOCKING  PG 178	SPRING HANDLE  PG 179	RIGHT ANGLE  PG 179
3WAY NON- VENT  PG 180	3WAY VENTED  PG 180	SAFETY EX- HAUST  PG 180	GAS BALL VALVES PG 181	GAS BALL VALVE  PG 181	FLARE X FLARE  PG 181	FLARE X MIP  PG 181	FLARE X FIP  PG 181	ITALIAN GAS BALL  PG 181
MINI BALL VALVES PGS 182-185	ITALIAN MINI BALL  PG 182	M X F  PG 182	MINI MXF BRASS  PG 182	FXF FLAG HANDLE  PG 183	LEVER HANDLE  PG 183	TEE HANDLE  PG 183	TEE HANDLE  183	MXF FLAG  PG 184
LEVER HANDLE  PG 184	SCREW- DRIVER  PG 184	F X F MINI  PG 185	F X M MINI  PG 185	M X M MINI  PG 185	BARB X MALE MINI  PG 185	BARB X FE- MALE  PG 185	BARB X BARB MINI  PG 185	BRASS VALVES PGS 186-190
3-WAY SIDE OUT  PG 186	3-WAY BOT- TOM  PG 186	STRAINER  187	VACUUM BREAK  PG 187	RADIATOR AIR  PG 187	KEY ONLY  PG 187	SILCOCK  PG 187	HOSE BIBBS  PG 187	GARDEN VALVE PG 187

NIPPLES & FITTINGS

PICTORIAL INDEX

GATE VALVE  PG 188	QUICK OPEN-  PG 189	Y-STRAINER  PG 190	CHECK VALVES PGS 191-193	SWING CHECK  PG 191	Y-SWING  PG 191	CHECK VALVE  PG 192	IN LINE CHECK  PG 192	IN LINE CHECK  PG 193
SS BALL VALVES PGS 194-203	316 SS 2-PC  PG 194	316 SS 1-PC  PG 195	316 SS 2-PC  PG 196	SS MINI  PG 197	SS M X F  PG 197	FXF BUTTER-  PG 198	MXF BUT-  PG 198	MXM BUT-  PG 198
CHECK PGS 199-203	304 CHECK  PG 199	SS IN LINE  PG 200	FXF SPRING CHK  PG 201	MXF SPRING CHK  PG 201	Y-SPRING CHECK  PG 202	2PC BARREL  PG 202	SS SWING CHK  PG 203	SS GLOBE VALVE  PG 203
SS GATE VALVE  PG 203	STEEL VALVES PGS 204-207	STANDARD PORT  PG 204	2PC FULL PORT  PG 205	2 WAY  PG 206	3 WAY  PG 206	CHECK VALVES  PG 207	PVC PGS 208-209	PVC THREAD  PG 208
SLIP X SLIP  PG 208	FIP X FIP  PG 208	SLIP X SLIP  PG 208	IN LINE  PG 209	IN LINE FE-MALE  PG 209	DRUM FAUCET  PG 209	DRUM & BAR-REL  PG 209	NIPPLES & FITTINGS PGS 210-288	BRASS NIPPLES PGS 211-219
SEAMLESS SCH 40  PG 214	CHROME PLATED  PG 218	BRONZE FITTINGS PG 219-227	LEAD FREE BRONZE PG 219-227	90° ELBOW  PG 220	90° REDUCE ELB  PG 220	90° STREET ELLS  PG 220	45° ELBOW  PG 221	45 ST ELBOW  PG 221
CROSS  PG 221	TEE  PG 222	REDUCING TEE  PG 222	REDUCING TEE  PG 222	COUPLING  PG 223	REDUCE COUP  PG 223	CAP  PG 224	UNION  PG 224	HEX LOCKNUT  PG 224
HEX BUSHING  PG 225	HEX BUSHING  PG 225	CNTRSUNK PLUG  PG 226	CORED PLUG  PG 226	SOLID PLUG  PG 226	HEX NIPPLE  PG 227	REDUCE HEX NIP  PG 227	CLEANOUT PLUGS PG 228	CLEANOUT PLUG  PG 228

PICTORIAL INDEX

NIPPLES & FITTINGS

<p>CS C/O PLUG  PG 228</p>	<p>C/O PLUG W/  PG 228</p>	<p>DROP EAR ELBOWS PG 228</p>	<p>BRONZE D/E  PG 228</p>	<p>SWT X SWT  PG 228</p>	<p>PEX X FIP  228</p>	<p>BRASS INSERTS PGS 229-230</p>	<p>BARB FOR PL  PG 229</p>	<p>BRONZE TEE  PG 229</p>
<p>90 BRONZE  PG 229</p>	<p>UNION 90  229</p>	<p>STEEL INSERTS PG 229</p>	<p>STEEL INSERT  PG 229</p>	<p>REDUCER  PG 229</p>	<p>UNION  PG 229</p>	<p>SS IN-SERTS PG 230</p>	<p>SS MALE  PG 230</p>	<p>SS 90 ELBOW  PG 230</p>
<p>L/F INSERTS PG 230</p>	<p>LF UNION  PG 230</p>	<p>LF MALE BRANCH  PG 230</p>	<p>LF UNION ELBOW  PG 230</p>	<p>WELL COUPLINGS PG 230</p>	<p>SS DROP WELL  PG 230</p>	<p>SS HEAVY CPLG  PG 230</p>	<p>SS MERCHANT  PG 230</p>	<p>SS NIPPLES PG 231-236</p>
<p>304 SCH 40 WELDED  PG 234</p>	<p>316 SCH 40 WELDED  PG 234</p>	<p>SS FITTINGS PG 237-244</p>	<p>90° ELBOW  PG 238</p>	<p>90° STREET ELB.  PG 238</p>	<p>45° STREET ELB.  PG 238</p>	<p>TEE  PG 239</p>	<p>CROSS  PG 239</p>	<p>HEX NIPPLE  PG 239</p>
<p>REDUCE HEX NIP  PG 240</p>	<p>COUPLING  PG 240</p>	<p>REDUCE COUP  PG 240</p>	<p>MACHINED COUP  PG 240</p>	<p>HALF COUPLING  241</p>	<p>UNION  241</p>	<p>CAP-CAST  PG 241</p>	<p>HEX CAP-BRSTCK  PG 241</p>	<p>HEX BUSHING  PG 242</p>
<p>HEX LOCKNUT  PG 243</p>	<p>HEX SOCKET PLG  PG 243</p>	<p>CORED PLUG  PG 243</p>	<p>SOLID PLUG  PG 243</p>	<p>SOLID HEX PLUG  PG 244</p>	<p>CORED HEX PLUG  PG 244</p>	<p>HOSE NIPPLE  PG 244</p>	<p>REDUCING  PG 244</p>	<p>STEEL NIPPLES PG 245-262</p>
<p>SCH 40 GALVANIZED  PG 249</p>	<p>SCH 40 BLACK  PG 249</p>	<p>ASSORTMENTS  PG 253</p>	<p>TOTE TRAYS  PG 253</p>	<p>SCH 80 SEAMLESS  PG 259</p>	<p>XXS SEAMLESS  PG 260</p>	<p>GROOVE NIPPLES PG 261-262</p>	<p>THREAD X GROOVE  PG 261</p>	<p>GROOVE X GROOVE  PG 262</p>
<p>MERCHANT COUPLINGS PG 263-264</p>	<p>MERCHANT COUP  PG 263</p>	<p>MERCHANT COUP  PG 263</p>	<p>HALF MERCHANT C  PG 263</p>	<p>API LINE COUP  PG 264</p>	<p>MAL-LEABLE FITTINGS PG 265-273</p>	<p>90° ELBOW GALV  PG 266</p>	<p>90° ELB. BLACK  PG 266</p>	<p>REDUCE ELBOW  PG 266</p>



































































NIPPLES & FITTINGS

PICTORIAL INDEX

REDUCE  PG 266	GALV ST.  PG 266	BLK. ST. EL-  PG 266	45° GALV  PG 267	45° BLK. EL-  PG 267	45° GALV ST.  PG 267	45° BLK. ST.  PG 267	GALV CROSS  PG 267	BLACK CROSS  PG 267
GLAV TEE  PG 268	BLACK TEE  PG 268	GALV REDUCE  PG 268	BLK. REDUCE  PG 268	BULLHEAD  PG 269	BLK. BLKHD  PG 269	REDUCING  PG 269	MALL SERVICE  269	MALL SERVICE  PG 269
GALV OUT TEE  PG 269	BLK. OUT TEE  PG 269	GALV COU-PLING  PG 270	BLK. COU-PLING  PG 270	GALV RED COUP  PG 270	BLK. RED COUP  PG 270	GALV HEX BUSH  PG 271	BLK. HEX BUSH  PG 271	GALV HEX BUSH  271
BLK. HEX BUSH  PG 271	GALV UNION  PG 272	BLACK UNION  PG 272	GALV SQR PLUG  272	BLK SQR PLUG  PG 272	GALV CAP  PG 272	BLACK CAP  PG 272	GALV FLR FLANGE  PG 273	BLK FLR FLANGE  PG 273
EXTENSION  PG 273	SHROOM CAP  PG 273	STEEL FITTINGS PG 274-275	GALV HEX BUSH  PG 274	BLK HEX BUSH  PG 274	GALV CAP  PG 274	BLK CAP  PG 274	GALV SQR PLUG  PG 274	BLK SQR PLUG  PG 274
GALV HEX PLUG  PG 274	BLK HEX PLUG  PG 274	GALV CS PLUG  PG 275	BLK CS PLUG  PG 275	CS HEX  PG 275	BLK CS PLUG  PG 275	GALV FACE BUSH  PG 275	BLK FACE BUSH  PG 275	300# MAL-LEABLE PG 276-277
90° ELBOW  PG 276	45° ELBOW  PG 276	90° ST ELBOW  PG 276	TEE  PG 276	COUPLING  PG 276	REDUCE COUP  PG 277	CAP  PG 277	UNION  PG 277	MAG DRAIN PLUG  PG 277
BULL PLUGS & SWAGES PG 278-279	BULL PLUG  PG 278	XH BULL PLUG  PG 278	SCH 40 SWAGE  PG 278	HEX SWAGE  PG 279	SCH 80 SWAGE  279	XXH SWAGE  PG 279	STEEL FLANGES PG 280-281	SLIP-ON  PG 280

PICTORIAL INDEX

PLASTIC FITTINGS

<p>THREADED</p>  <p>PG 280</p>	<p>WELD NECK</p>  <p>PG 281</p>	<p>BLIND FLNG</p>  <p>PG 281</p>	<p>COPPER FITTINGS PG 283-288</p>	<p>90° EL CXC</p>  <p>PG 283</p>	<p>90° ST EL FTG</p>  <p>PG 283</p>	<p>90° LONG</p>  <p>PG 283</p>	<p>90° LONG</p>  <p>PG 283</p>	<p>45° EL CXC</p>  <p>PG 284</p>		
<p>45° ST FTG X C</p>  <p>PG 284</p>	<p>COUPLING</p>  <p>PG 284</p>	<p>284</p>  <p>284</p>	<p>COUPLING</p>  <p>PG 285</p>	<p>REDUCER W/</p>  <p>PG 285</p>	<p>FITTING RE-</p>  <p>PG 285</p>	<p>MALE</p>  <p>PG 286</p>	<p>FTGXM</p>  <p>PG 286</p>	<p>FEMALE</p>  <p>PG 287</p>		
<p>FTG X F ADAPTER</p>  <p>PG 287</p>	<p>CAP</p>  <p>PG 287</p>	<p>UNION C X C</p>  <p>PG 287</p>	<p>U-TYPE STRAP</p>  <p>287</p>	<p>TEE</p>  <p>PG 288</p>	<p>PLASTIC FITTINGS PG 290-299</p>		<p>PIPE PG 290-292</p>		<p>ELBOW</p>  <p>PG 290</p>	<p>ELBOW</p>  <p>PG 290</p>
<p>TEE</p>  <p>PG 290</p>	<p>TEE</p>  <p>PG 290</p>	<p>STREET ELBOW</p>  <p>PG 290</p>	<p>STREET ELBOW</p>  <p>PG 290</p>	<p>HEX HEAD PLUG</p>  <p>PG 290</p>	<p>HEX HEAD PLUG</p>  <p>PG 290</p>	<p>HEX BUSHING</p>  <p>PG 291</p>	<p>HEX BUSHING</p>  <p>PG 291</p>	<p>HEX NIPPLE</p>  <p>PG 291</p>		
<p>HEX NIPPLE</p>  <p>PG 291</p>	<p>RED NIPPLE</p>  <p>PG 291</p>	<p>RED NIPPLE</p>  <p>PG 291</p>	<p>COUPLING</p>  <p>PG 292</p>	<p>COUPLING</p>  <p>PG 292</p>	<p>PIPE CAP</p>  <p>PG 292</p>	<p>PLASTIC BULK- HEAD</p>  <p>PG 292</p>	<p>HOSE BARB PG 292-295</p>		<p>MALE ADAPTER</p>  <p>PG 292</p>	
<p>MALE ADAPTER</p>  <p>PG 293</p>	<p>HOSE X MALE 90°</p>  <p>PG 293</p>	<p>HOSE X MALE 90°</p>  <p>PG 293</p>	<p>294</p>  <p>294</p>	<p>UNION ELBOW</p>  <p>PG 294</p>	<p>SPLICER</p>  <p>PG 294</p>	<p>SPLICER</p>  <p>PG 294</p>	<p>RED SPLICER</p>  <p>PG 294</p>	<p>RED SPLICER</p>  <p>PG 294</p>		
<p>BARBED TEE</p>  <p>PG 295</p>	<p>BARBED TEE</p>  <p>PG 295</p>	<p>BARBED Y</p>  <p>PG 295</p>	<p>BARBED Y</p>  <p>PG 295</p>	<p>REDUCING TEE</p>  <p>PG 295</p>	<p>REDUCING TEE</p>  <p>PG 295</p>	<p>M BRANCH TEE</p>  <p>PG 295</p>	<p>GARDEN HOSE PG 296</p>		<p>GH CAP</p>  <p>PG 296</p>	
<p>GH NUT</p>  <p>PG 296</p>	<p>GH ADPT INSERT</p>  <p>PG 296</p>	<p>GH THREAD ADPT</p>  <p>PG 296</p>	<p>MGH X F</p>  <p>PG 296</p>	<p>FGH X M</p>  <p>PG 296</p>	<p>FGH X F</p>  <p>PG 296</p>	<p>MGH X M</p>  <p>296</p>	<p>COMPRES- SION PG 297</p>		<p>UNION CON- NECTOR</p>  <p>PG 297</p>	





























































HOSE ACCESSORIES
























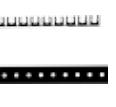










































PICTORIAL INDEX

BULKHEAD  PG 297	UNION TEE  PG 297	UNION ELBOW  PG 297	FEMALE CON-  PG 297	MALE CON-  PG 297	MALE ELBOW  297	PUSH-IN PG 298-299	UNION CON-  PG 298	REDUCING  PG 298
BULKHEAD  PG 298	UNION TEE  PG 298	RED BRANCH  PG 298	UNION ELBOW  PG 298	REDUCING  PG 298	FEMALE CON-  PG 298	MALE CON-  PG 299	STEM  PG 299	REDUCER  PG 299
FIXED ELBOW  PG 299	PLUG-IN ELBOW  PG 299	2-WAY DIVIDER  PG 299	PLUG  PG 299	PLXPL  PG 299	CHECK VALVE  PG 299	HOSE ACCESSORIES PG 300-310	ALUMINIUM CAM & GROOVE PG 301	M ADPT X F NPT A  PG 301
FEMALE COU- PLER B  301	HOSE SHANK C  PG 301	FEMALE COU- PLER D  PG 301	HOSE SHANK E  PG 301	MALE ADAPTER F  PG 301	DUST CAP DC  PG 301	DUST CAP DP  PG 301	MALE ADAPTER  PG 302	FEMALE COU- PLER DD  302
FEMALE COU- PLER AA  PG 302	MALE ADAPT- ER A  PG 302	FEMALE COU- PLER B  PG 302	FEMALE COU- PLER D  PG 302	MALE ADAPT- ER F  PG 302	POLYPROPYLENE CAM & GROOVE PG 303	MALE ADAPT- ER A  PG 303	FEMALE COU- PLER B  PG 303	HOSE SHANK C  PG 303
FEMALE COU- PLER D  PG 303	M X HOSE SHANK E  PG 303	MALE ADAPT- ER F  PG 303	DUST CAP DC  PG 303	DUST PLUG DP  PG 303	STAINLESS STEEL CAM & GROOVE PG 304	FEMALE ADAPTER A  PG 304	FEMALE COU- PLER B  PG 304	HOSE SHANK C  PG 304
FEMALE COU- PLER D  PG 304	HOSE SHANK E  PG 304	MALE ADAPT- ER F  304	DUST CAP DC  PG 304	DUST PLUG DP  PG 304	BRASS CAM & GROOVE PG 305	MALE ADAPT- ER A  PG 305	FEMALE COU- PLER B  PG 305	HOSE SHANK C  PG 305
FEMALE COU- PLER D  PG 305	HOSE SHANK E  PG 305	MALE ADAPT- ER F  PG 305	DUST CAP DC  PG 305	DUST CAP DP  PG 305	SS ADAPTER  PG 306	SS COUPLER DD  PG 306	SS DA  PG 306	BRASS ADAPTER  PG 306

PICTORIAL INDEX

PLASTIC/ HOSE ACCESSORIES

BRASS DA  PG 306	SS HANDLE  PG 306	BRASS  PG 306	BUNA-N GAS-  PG 306	SAFETY CLIP  PG 306	SILICONE  PG 306	VITON GASKET  PG 306	KING NIPPLES PG 307	HOSE NIPPLE  PG 307
ZINC PLATED  PG 307	REDUCER/EX-  PG 307	316 SS  PG 307	BRASS  PG 307	ALUMINUM  PG 307	HOSE MENDER  PG 307	PLATED STEEL  PG 307	316 HOSE  PG 307	UNIVERSAL GROUND JOINT PG 308-309
UNIVERSAL  PG 308	WASHER  PG 308	FEMALE NPT  PG 308	HOSE END  PG 308	TRIPLE CON- NECT  PG 308	GROUND JOINT  PG 309	HOSE STEM ONLY  PG 309	WING NUT ONLY  PG 309	F SPUT ONLY  PG 309
M NPT STEM  PG 309	BOLT CLAMP  PG 309	FIRE HOSE FITTINGS PG 310	FIRE HOSE  PG 310	FXM HEX ADPT  PG 310	DBL M HEX NIP  PG 310	M SWL ADAPTER  PG 310	BRASS CAP  PG 310	HOSE CLAMPS PG 311-329
300 SERIES  312	600 SERIES  PG 312	325 SERIES  PG 313	611 SERIES  PG 313	350 SERIES  PG 314	620 SERIES  PG 314	350 SS SERIES  PG 315	620 SS SERIES  PG 315	QUICK RE- LEASE  PG 316
QUICK RE- LEASE  PG 316	T-BOLT  PG 317	SPRING LOAD- ED T-BOLT  PG 318	CONSTANT TORQUE  PG 319	V-BAND  PG 319	MUFFLER  PG 320	FLAT BAND  PG 320	GUILLOTINE  320	STEEL BUTT EXHAUST  PG 321
STEEL LAP  PG 321	SS STEEL LAP  PG 321	SS EASY-FORM  PG 321	1-EAR  PG 322	2-EAR  PG 323	GAPLESS EAR  PG 323	F-CLAMP  PG 324	K-CLAMP  324	CLAMP-IT  PG 325
BUCKLES  PG 325	JAW PINCH- ERS  PG 326	HOSE CRIMPER  PG 326	FOLD UP ADAPTER  PG 326	LOKING TOOL  PG 326	LOKING TOOL  PG 326	LINED BAND  PG 327	MARINE  327	MINI-F  PG 327

<p>SS MINI  PG 327</p>	<p>RUBBER CLIP  PG 328</p>	<p>RUBBER  PG 328</p>	<p>VINYL COATED  PG 328</p>	<p>HOSE FER-  PG 329</p>	<p>SS FERRULE  PG 329</p>	<p>TUBING PGS 331-336</p>	<p>POLYURE-  PG 331</p>	<p>BLACK  PG 331</p>
<p>BLUE  PG 331</p>	<p>RED  PG 331</p>	<p>POLYETHYL-  PG 332</p>	<p>BLACK POLY  PG 333</p>	<p>GREEN POLY  PG 333</p>	<p>WHITE POLY  PG 333</p>	<p>BLUE POLY  PG 333</p>	<p>RED POLY  PG 333</p>	<p>YELLOW POLY  333</p>
<p>ORANGE POLY  PG 333</p>	<p>NYLON 12  PG 334</p>	<p>PVC  PG 335</p>	<p>MINITUBING CUT  PG 335</p>	<p>TUBING CUT-TER  PG 335</p>	<p>PLASTIC TUBE CUT  PG 335</p>	<p>MOUNTING RACK  PG 335</p>	<p>ALUMINUM  PG 336</p>	<p>COPPER TUBE  PG 336</p>
<p>SOFT COPPER  336</p>	<p>PRESSURE WASHER PGS 337-342</p>	<p>QD NOZZLE  PG 338</p>	<p>MEG NOZZLE  PG 338</p>	<p>RUBBER TIP  PG 339</p>	<p>SS LIVE SWIVEL  PG 339</p>	<p>THERMAL RELIEF  PG 339</p>	<p>BOOM SWIVEL  PG 339</p>	<p>WAND  340</p>
<p>SPRAY GUN  PG 340</p>	<p>GUN W/EXT  PG 340</p>	<p>MALE STEEL PLUG  PG 341</p>	<p>FE. STEEL PLUG  PG 341</p>	<p>MOLDED GRIP  PG 342</p>	<p>MOLDED GRIP FE  PG 342</p>	<p>PNEUMATICS PG 343-363</p>	<p>QUICK DISCONNECTS PGS 344-350</p>	<p>INDUSTRIAL INTERCHANGE  PG 344</p>
<p>BRASS M. COUP  PG 344</p>	<p>STEEL FE. COUP  PG 344</p>	<p>STEEL M. COUP  PG 344</p>	<p>BR. HOSE COUP  PG 344</p>	<p>STL. HOSE COUP  PG 344</p>	<p>BR. PUSH-ON  PG 344</p>	<p>STL PUSH-ON  PG 345</p>	<p>STEEL M. PLUG  PG 345</p>	<p>STEEL FE. PLUG  345</p>
<p>BRASS M. PLUG  PG 345</p>	<p>STL HOSE PLUG  PG 345</p>	<p>PUSH-ON PLUG  PG 345</p>	<p>STL SWL M. PLUG  PG 345</p>	<p>UNIVERSAL QD PGS 345-346</p>	<p>UNIVERSAL SERIES  PG 346</p>	<p>BRASS FE. COUP  PG 346</p>	<p>BR. HOSE COUP  PG 346</p>	<p>SS M. COU-PLER  PG 346</p>
<p>SS FE. COU-PLER  PG 346</p>	<p>SS MALE PLUG  PG 346</p>	<p>SS FE. PLUG  PG 346</p>	<p>ARO QD PG 347</p>	<p>ARO 210  PG 347</p>	<p>FEMALE COU-PLER  PG 347</p>	<p>HOSE ID COUP  PG 347</p>	<p>MALE PLUG  PG 347</p>	<p>FEMALE PLUG  PG 347</p>

PICTORIAL INDEX

PNEUMATICS

HOSE ID PLUG  PG 347	AUTO QD PGS 348-349	AUTO INTER-  PG 348	BR. FE. COU-  PG 348	STL. M. COU-  PG 348	STL. FE. COU-  PG 348	BR. MALE  PG 348	BR. FE. PLUG  PG 348	STEEL MALE  PG 348
STEEL FE.  PG 348	HOSE ID COUP  PG 349	PUSH-ON  PG 349	HOSE ID PLUG  PG 349	PUSH-ON  PG 349	LINCOLN QD PG 349	LINCOLN  PG 349	FEMALE COU-  PG 349	STEEL MALE  PG 349
STEEL FE. PLUG  PG 349	MISC QD PG 350-351	HIGH FLOW  PG 350	FEMALE COU- PLER  PG 350	MALE PLUG  PG 350	FEMALE PLUG  PG 350	MOLD COOL- ANT  PG 350	FEMALE PLUG  PG 350	MINI QD  PG 350
FE COUPLER  PG 350	FE PLUG  PG 350	MUFFLERS/ BREATHERS PG 351-352	BR. MUFFLER  PG 351	STAINLESS MUFFLER  PG 351	BR. BREATH VENT  PG 351	STLS BREATH VEN  PG 351	PSI SNUBBER  PG 351	SPEED VALVE  PG 351
SPEED VALVE  PG 352	MUFF W/ FLOW  PG 352	HI FLOW MUFF  PG 352	HI FLOW MUFF  PG 352	HI FLOW MUFF  PG 352	HI FLOW MUFF  PG 352	NIP INLINE FILTER  PG 352	RPR AIR/OIL FILTER  PG 352	AIR REGULA- TOR  PG 353
MANIFOLD  PG 353	AIR MANIFOLD  PG 353	SAFETY VALVES PG 354	SAFETY VALVES  PG 354	SAFETY VALVES  PG 354	CHECK VALVE  PG 354	CHECK VALVE  PG 354	TANK VALVES PG 355	BIKE PUMP FIT  PG 355
INFLATOR  PG 355	SLIDE VALVE  PG 355	SPRING CORE  PG 355	SPRING CORE  PG 355	SPRING CORE  PG 355	BLK PLASTIC CAP  PG 355	DOME CAP  PG 355	BLOW GUNS PG 356	CPCT BLOW GUN  PG 356
SAFE BLOW GUN  PG 356	SAFE BLOW GUN  PG 356	CPCT BLOW GUN  PG 356	PISTOL BLOW GUN  PG 356	PISTOL BLO- GUN  PG 356	GAUGES & CHUCKS PG 356-358	RUB TIP NOZZLE  PG 356	HI FLOW NOZZLE  PG 356	M-TIRE GAUGE  PG 357

STANDARD  PG 357	VOL REGULA-  PG 357	EXTENSION  PG 357	GUN ADAPTER  PG 357	COIL AIR HOSE  PG 357	COIL AIR HOSE  PG 357	HEX BALL  PG 358	M. BALL  PG 358	BALL CHCK  PG 358
DUAL AIR  PG 358	DUAL STRT AIR  PG 358	INFLATOR/  PG 358	INFLATOR/  PG 358	AIR ACCESSORY KITS PG 359-361	GAUGES PG 362-364	DRY GAUGE  PG 362	CENTER BACK  PG 362	LIQUID FILLED  PG 363
WATER TEST  PG 364	GAS TEST  PG 364	THREAD SEAL  PG 365	BLUE SEAL TAPE  PG 365	YEL GAS TAPE  PG 365	GRE OXY TAPE  PG 365	GREY SS TAPE  PG 365	TRUCK & TRAILER PG 366-387	AIR COIL  PG 366
SLIDER COIL  PG 366	AIRLINE CABLE  PG 366	AIRBRAKE REPAIR  PG 367	AIRBRAKE REPAIR  PG 367	AIRBRAKE REPAIR  PG 367	POGO STICK  PG 367	POGO STICK  PG 367	HOSE HOLDER  PG 367	HOSE HOLDER  PG 367
HOSE HOLDER  PG 367	HOSE HOLDER  PG 367	HOSE HOLDER  PG 367	HOSE HOLDER  PG 367	HOSE SEPARA- TOR  PG 367	HOSE SEPARA- TOR  PG 367	3 HOLE HOLDER  PG 367	CLIP CARA- BINER  PG 368	HANGER BRACKET  PG 368
YOKE  PG 368	FRAME CLIP  PG 368	FRAME CLIP  PG 368	FRAME CLIP  PG 368	AIRHOSE CLIP  PG 368	AXLE CLIP  PG 368	TENDER KIT  PG 369	TENDER KIT  PG 369	TUBE  PG 369
SPRING  PG 369	SLIDER BAR  PG 369	GLADHANDS  PG 370	BRACKET MOUNT  PG 371	KNOB STYLE GH  PG 371	LEVER STYLE GH  PG 371	GLADHAND GRIP  PG 372	AL GLADHAND  PG 372	GLADHAND PACIFER  PG 372
GLADHAND SEAL  PG 372	GLADHAND SEAL  PG 372	GLADHAND SEAL  PG 372	GLADHAND SEAL  PG 372	GLADHAND SEAL  PG 372	GLADHAND SEAL  PG 372	GH COUPLING KIT  PG 373	GH COUPLING KIT  PG 373	NYLON GH HOLDER  PG 373

PICTORIAL INDEX

TRUCK AND TRAILER

<p>NYLON GH</p>  <p>PG 373</p>	<p>GH HOLDER</p>  <p>PG 373</p>	<p>GH HOLDER</p>  <p>PG 373</p>	<p>GLADHAND</p>  <p>PG 373</p>	<p>KING PIN LOCK</p>  <p>PG 373</p>	<p>AIR CYLINDER</p>  <p>PG 374</p>	<p>HIGH LIFT</p>  <p>PG 374</p>	<p>TAILGATE</p>  <p>PG 375</p>	<p>TAILGATE AIR</p>  <p>PG 375</p>	
<p>TAILGATE AIR</p>  <p>PG 375</p>	<p>FIFTH WHEEL</p>  <p>PG 375</p>	<p>AIR TANK</p>  <p>PG 376</p>	<p>D2 AIR GOVER-</p>  <p>PG 376</p>	<p>QCK RELEASE</p>  <p>PG 376</p>	<p>R12 RELAY</p>  <p>PG 376</p>	<p>R14 RELAY</p>  <p>PG 377</p>	<p>3 WAY SOLE-</p>  <p>PG 377</p>	<p>UNI SOLENOID</p>  <p>PG 377</p>	
<p>AIR SOLENOID</p>  <p>PG 377</p>	<p>7 WAY CABLE</p>  <p>PG 378</p>	<p>7 WAY CABLE</p>  <p>PG 378</p>	<p>6 WAY ELEC CABLE</p>  <p>PG 379</p>	<p>4 WAY ELEC CABLE</p>  <p>PG 379</p>	<p>DUEL POLE</p>  <p>PG 379</p>	<p>SINGLE POLE</p>  <p>PG 379</p>	<p>PLUG</p>  <p>PG 380</p>	<p>PLUG</p>  <p>PG 380</p>	
<p>PLUG</p>  <p>PG 380</p>	<p>SOCKET</p>  <p>PG 380</p>	<p>7W DBLE GRIP</p>  <p>PG 380</p>	<p>ADAPTER</p>  <p>PG 380</p>	<p>RV 7WAY PLUG</p>  <p>PG 380</p>	<p>RV 7WAY SOCK</p>  <p>PG 380</p>	<p>6WAY PLUG</p>  <p>PG 381</p>	<p>6WAY SOCKET</p>  <p>PG 381</p>	<p>4WAY PLUG</p>  <p>PG 381</p>	
<p>4WAY SOCKET</p>  <p>PG 381</p>	<p>2 POLE PLUG</p>  <p>PG 381</p>	<p>2 POLE SOCKET</p>  <p>PG 381</p>	<p>1WAY PLUG</p>  <p>PG 381</p>	<p>1WAY SOCKET</p>  <p>PG 381</p>	<p>GROUND KIT</p>  <p>PG 381</p>	<p>PROTECTOR BOOT</p>  <p>PG 381</p>	<p>7WAY SOCKET</p>  <p>PG 382</p>	<p>CIRCUIT BREAKER</p>  <p>PG 382</p>	
<p>NOSE BOX-DEEP</p>  <p>PG 382</p>	<p>BATT GRND STRAP</p>  <p>PG 383</p>	<p>SS BATTERY NUT</p>  <p>PG 383</p>	<p>RUB GROM-MET</p>  <p>PG 383</p>	<p>DEER WHISTLE</p>  <p>PG 384</p>	<p>CONSP TAPE</p>  <p>PG 385</p>	<p>CONSP TAPE</p>  <p>PG 385</p>	<p>CONSP TAPE</p>  <p>PG 385</p>	<p>REFLECTOR</p>  <p>PG 385</p>	
<p>AMERICA TAPE</p>  <p>PG 385</p>	<p>TARP STRAP</p>  <p>PG 385</p>	<p>AIR BRAKE HOSE</p>  <p>PG 387</p>	<p>HYDRAULIC ADAPTERS PG 388-429</p> <p>TECHNICAL INFORMATION PG 388-429</p> <p>PIPE SWIVELS PG 397-398</p>			<p>M. SWL ADAPTER</p>  <p>PG 397</p>	<p>FE. SWL ADAPTER</p>  <p>PG 397</p>	<p>M. ELB ADAPTER</p>  <p>PG 397</p>	
<p>FE. UNION ELB.</p>  <p>PG 397</p>	<p>M. 45° ELBOW</p>  <p>PG 398</p>	<p>FE. 45° UNION</p>  <p>PG 398</p>	<p>M. SWL TEE</p>  <p>PG 398</p>	<p>FE. SWL TEE</p>  <p>PG 398</p>	<p>FE. SWL TEE</p>  <p>PG 398</p>	<p>JIC 37 FLARE PG 399-403</p>		<p>JIC CAP</p>  <p>PG 399</p>	<p>JIC TUBE UNION</p>  <p>PG 399</p>

JIC M. CONN  PG 400	JIC FE. CONN  PG 400	JIC RED/EXP  PG 400	PLUG  PG 401	JIC UNION ELB.  PG 401	JIC M. ELBOW  PG 401	JIC M. ELBOW  PG 401	MALE 45° ELBOW  PG 402	M. BRANCH TEE  PG 402
JIC FE. TEE  PG 402	JIC UNION TEE  PG 402	JIC BULK UNION  PG 403	BULK UNION ELB  PG 403	45° UNION ELB  PG 403	BULK BRANCH T  PG 403	BULK RUN TEE  PG 403	JIC TO FEMALE  PG 403	JIC TO MALE  PG 403
PIPE FITTINGS PG 404-407	PIPE COU-PLING  PG 404	HEX PIPE NIPPLE  PG 404	EXP/ PIPE ADAP  PG 404	HEX RED/ BUSH  PG 404	HEX HEAD PLUG  PG 405	HOLLOW HEX PLG  PG 405	FLUSH HLW PLUG  PG 405	SQR HEAD PLUG  PG 405
PIPE CAP  PG 405	MALE ELBOW  PG 405	45° M. ELBOW  PG 406	90° ST ELBOW  PG 406	45° ST ELBOW  PG 406	FE. ELBOW  PG 406	45° FE. ELBOW  PG 406	MALE PIPE TEE  PG 407	FE. PIPE TEE  PG 407
ST PIPE TEE  PG 407	FE. RUN PIPE T  PG 407	MALE PIPE TEE  PG 407	FE. PIPE TEE  PG 407	O-RING ADAPTERS PG 408-409	JIC TO O-RING  PG 408	O-RING TO PIPE  PG 408	O-RING TO 37°  PG 408	FE. O-RING  PG 408
O-RING TO FE.  PG 409	O-RING PLUG  PG 409	O-RING HLW PLG  PG 409	O-RING PORT  PG 409	FEMALE SWIVELS PG 410-411	JIC SWL ELBOW  PG 410	JIC SWL ELBOW  PG 410	JIC SWL 45°  PG 410	JIC SWL TO F 90°  PG 410
JIC SWL CONN  PG 410	JIC SWL TO M  PG 410	JIC SWL TO F ADP  PG 411	JIC SWL BRANCH T  PG 411	JIC SWL RUN T  PG 411	SAE O-RING ADAPTERS PG 412-414	JIC TO ORING 90°  PG 412	JIC TO ORING 45°  PG 412	JIC BRANCH TEE  PG 412
JIC RUN TEE  PG 412	ORING TO F 90°  PG 412	ORING TO M 90°  PG 413	ORING JIC 90°  PG 413	F TO M ORING 90°  PG 413	M ORING SWL AD  PG 413	90° ORING SWL  PG 413	45° ORING SWL  PG 414	VITON O-RING  PG 414

PICTORIAL INDEX

HYDRAULICS

<p>NITRILE O-  PG 414</p>	<p>O-RING FACE SEAL PGS 414-418</p>	<p>BRAZE TUBE  PG 414</p>	<p>BRAZETUBE  PG 415</p>	<p>CAP  PG 415</p>	<p>BULKHEAD  PG 415</p>	<p>FACE SEAL  PG 415</p>	<p>PLUG  PG 416</p>	<p>ORFS UNION  PG 416</p>
<p>ORFS TO M 90°  PG 416</p>	<p>ORFS TO PIPE  PG 416</p>	<p>ORFS UNION T  PG 416</p>	<p>M ORFS TO  PG 417</p>	<p>M TO F 37° SWL  PG 417</p>	<p>SWL NUT  PG 417</p>	<p>37° SWIVEL  PG 417</p>	<p>O-RING ELBOW  PG 417</p>	<p>ORFS TO 45°  PG 417</p>
<p>SWIVEL EL- BOW  PG 418</p>	<p>BSPT, BSPP METRIC PGS 418-421</p>	<p>JIC BSPT  PG 418</p>	<p>BSPT ELBOW  PG 418</p>	<p>HEX NIPPLE  PG 418</p>	<p>PLUG  PG 418</p>	<p>HEX NIPPLE  PG 418</p>	<p>COUPLING  PG 419</p>	<p>FEMALE SWIVEL  PG 419</p>
<p>ELBOW  PG 419</p>	<p>45° ELBOW  PG 419</p>	<p>MALE NIPPLE  PG 419</p>	<p>MALE BSPP  PG 419</p>	<p>SWIVEL BSPP  PG 420</p>	<p>PLUG BSPP  PG 420</p>	<p>HOLLOW BSPP  PG 420</p>	<p>FEMALE BSPP  PG 420</p>	<p>MALE ELBOW  PG 421</p>
<p>STRAIGHT SWIVEL  PG 421</p>	<p>METRIC PAR- ALLEL  PG 421</p>	<p>HOLLOW  PG 421</p>	<p>FEMALE ADAPTER  PG 421</p>	<p>QUICK DISCONNECTS PGS 422-424</p>	<p>NO SPILL  PG 422</p>	<p>DRYBREAK  PG 422</p>	<p>ISO-A COU- PLER  PG 422</p>	<p>ISO-A PLUG  PG 422</p>
<p>ISO-B COU- PLER  PG 422</p>	<p>ISO-B PLUG  PG 422</p>	<p>FLUSH FACE  PG 423</p>	<p>FLUSH FACE  PG 423</p>	<p>LSQ SERIES  PG 423</p>	<p>LSQ SERIES  PG 423</p>	<p>AG SERIES  PG 424</p>	<p>AG SERIES  PG 424</p>	<p>KZE SERIES  PG 424</p>
<p>KZE SERIES  PG 424</p>	<p>MOTOR  PG 425</p>	<p>MOTOR  PG 425</p>	<p>PUMP  PG 426</p>	<p>PUMP  PG 427</p>	<p>FLOW VALVE  PG 428</p>	<p>NEEDLE VALVE  PG 428</p>	<p>PRESSURE VALVE  PG 429</p>	<p>AIR BREATHER  PG 429</p>