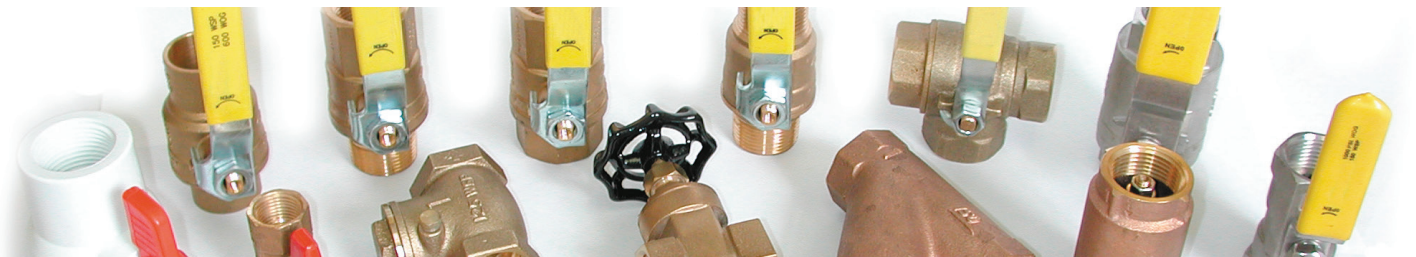
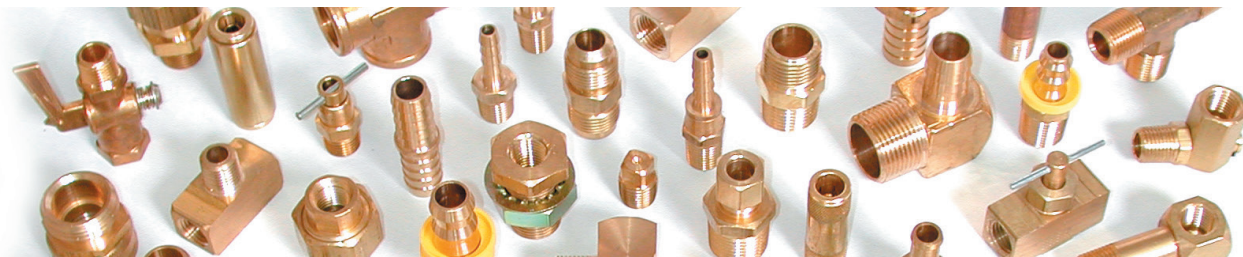


RED BOAR CHAIN & FASTENER PICTORIAL INDEX



BRASS

PICTORIAL INDEX

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	FGD TEE  PG 2	RED FRG TEE  PG 3	CROSS  PG 3
FORGED  PG 3	COUPLING  PG 3	RED COU-  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	BARSTOCK 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	BULKHEAD FXM  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  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

BRASS

PICTORIAL INDEX

MALE SWIVEL  PG 17	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
INV FLARE CONN  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  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
#316 SS HOSE NIPPLE  PG 27	BEVERAGE BARB PGS 28-29	PIPE ADAPTER  PG 28	HOSE SPLICER  PG 28	BRASS SPLIC- ERS  PG 28	FLARE ADAPTER  PG 28	THINWALL SPLICERS  PG 28	TAILPIECE  PG 28	SWIVEL SETS  PG 28
PLUG  PG 28	TAILPIECE  PG 28	SWIVEL BARB  PG 28	COMPRES- SION  PG 28	90° ELBOW  PG 28	SWIVEL EL- BOW  PG 29	U-BEND  PG 29	HOSE TEES  PG 29	SWIVEL EL- BOW  PG 29

BRASS

PICTORIAL INDEX

 <p>PG 29</p>	 <p>PG 29</p>	 <p>PG 29</p>	 <p>PG 29</p>	 <p>PG 29</p>	<p>PUSH-ON BARB PGS 31-36</p>	 <p>PG 31</p>	 <p>PG 31</p>	 <p>PG 31</p>
 <p>PG 32</p>	 <p>PG 32</p>	 <p>PG 32</p>	 <p>PG 33</p>	 <p>PG 33</p>	 <p>PG 33</p>	 <p>PG 33</p>	 <p>PG 2134</p>	 <p>PG 34</p>
 <p>PG 34</p>	 <p>PG 35</p>	 <p>PG 35</p>	 <p>PG 35</p>	 <p>PG 36</p>	 <p>PG 36</p>	 <p>PG 36</p>	<p>GARDEN HOSE PGS 37-47</p>	 <p>PG 38</p>
 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 38</p>	 <p>PG 39</p>
 <p>PG 39</p>	 <p>PG 39</p>	 <p>PG 39</p>	 <p>PG 39</p>	 <p>PG 40</p>	 <p>PG 40</p>	 <p>PG 40</p>	 <p>PG 40</p>	 <p>PG 40</p>
 <p>PG 40</p>	 <p>PG 41</p>	 <p>PG 41</p>	 <p>PG 41</p>	 <p>PG 41</p>	 <p>PG 41</p>	 <p>PG 41</p>	 <p>PG 42</p>	 <p>PG 42</p>
 <p>PG 42</p>	 <p>PG 42</p>	 <p>PG 42</p>	 <p>PG 42</p>	 <p>PG 42</p>	 <p>PG 43</p>	 <p>PG 43</p>	 <p>PG 43</p>	 <p>PG 43</p>
 <p>PG 43</p>	 <p>PG 43</p>	 <p>PG 44</p>	 <p>PG 44</p>	 <p>PG 44</p>	 <p>44PG 21</p>	 <p>PG 44</p>	 <p>PG 44</p>	 <p>PG 45</p>






































































BRASS

PICTORIAL INDEX

MALE SHRT  PG 45	SHRT SHNK  PG 45	FE. LONG  PG 45	M. LONG  PG 45	LONG SHNK  PG 45	FEMALE END  PG 46	BRASS BALL  PG 46	HOSE SHUT-  PG 46	PL. GH VALVE  PG 46
ZINC Y  PG 47	CAST WYE  PG 47	2-WAY SHUT-  PG 47	"Y" CONNec-  PG 47	SWL HOSE  PG 47	"Y" CONNec-  PG 47	BRASS  PG 48	CROSS PTRRN  PG 48	CROSS PTRRN  PG 48
SPRAY NOZZLE  PG 48	SPRAY NOZZLE  PG 48	SPRAY NOZZLE  PG 48	PL. SPRAY NOZZ  PG 2148	FLARE PGS 49-60	SHORT ROD NUT  PG 50	RED. SHRT ROD  PG 50	LONG ROD NUT  PG 50	LONG FRG. NUT  PG 51
SHORT FRG. NUT  PG 51	HVY. SHRT NUT  PG 51	FLARED PLUG  PG 52	FLARED CAP  PG 52	FNGR TIGHT. CAP  PG 52	COPPER GASKET  PG 52	COPPER BON-NET  PG 53	M BALL CHK CON  PG 53	UNION  PG 53
REDUCING UNION  PG 54	UNION TEE  PG 54	REDUCING TEE  PG 54	M. BRANCH TEE  PG 55	FE. ADAPTER  PG 55	MALE ADAPTER  PG 56	MALE ELBOW  PG 57	FEMALE ELBOW  PG 58	MALE RUN TEE  PG 58
FLARE CROSS  PG 59	ADAPTER TEE  PG 59	FLARE ELBOW  PG 59	45° ELBOW  PG 60	UNION  PG 60	FE. FL ADAPTER  PG 60	FL REDUCER  PG 60	FORGED SWIVEL  PG 61	SWIVEL EL-BOW  PG 61
FL X SWT  PG 61	SPACE HEATER PG 61	SPACE NUT  PG 62	HEATER MALE  PG 62	SPACE FE-MALE  62PG 21	HEATER UNION  PG 62	GAS RANGE PG 62	GAS MALE  PG 62	RANGE FE-MALE  PG 62
DRUM ADTR  62PG 21	RANGE CAP  PG 62	POL PGS 63-65	POL TEE  PG 63	TAILPIECE  PG 63	TAIL AND NUT  PG 63	POL CAP  PG 63	PLUG AND CHAIN  PG 63	ADAPTER  PG 63

BRASS

PICTORIAL INDEX

MALE  PG 63	TAILPIECE  PG 64	POL ADAPTER  PG 64	TAILPIECE  PG 64	POL ADAPTER  PG 64	HEX HEAD  PG 64	POL ADAPTER  PG 64	SOFT NOSE  PG 64	POL ADAPTER  PG 64
PROPANE  PG 65	DUST PLUG  PG 65	POL X MIP  PG 65	APPLIANCE  PG 65	FPT X POL  PG 65	APPLIANCE  PG 65	APPLIANCE  PG 65	O-RING  PG 65	DUAL APPLI-  PG 65
37 FLARE PGS 66-67	JIC UUNION  PG 66	JIC FE ADPT  PG 66	MALE ADAPTER  66	JIC SWIVEL  PG 66	90° ELBOW  PG 67	FE ELBOW  PG 67	45° ELBOW  PG 67	INVERTED FLARE PGS 69-75
CHROMATE NUT  PG 69	LONG STEEL NUT  PG 69	INVERTED FL NUT  69	METRIC TUBE NUT  PG 69	UNION INTERNAL  PG 70	FE. ADAPTER  PG 70	MALE ADAPTER  PG 70	ELBOW  PG 71	45° ELBOW  PG 71
UNION TEE  PG 71	STEEL PLUG  PG 72	M. BRANCH TEE  PG 72	FEMALE ELBOW  PG 72	MALE RUN TEE  PG 72	FE. BRANCH TEE  PG 73	TRAIL BRAKE TEE  PG 73	CYLINDER ADAPT  PG 73	CYLINDER ADAPT  PG 74
CARBURETOR  PG 74	RESTRICT. ADAPT  PG 74	SAE FL X INVERT  PG 75	METRIC ADAPTER  PG 75	ADAPT STANDARD  PG 75	METRIC UNION  PG 75	COMPRESSION PG 77-85	BRASS SLEEVE  PG 77	BRASS NUT  PG 77
UNION  77	REDUCING UNION  PG 78	TEE  PG 78	REDUCING TEE  PG 78	UNION ELBOW  PG 79	REDUCING ELBOW  PG 79	FE. ADAPTER  PG 79	MALE ADAPTER  PG 80	MALE ELBOW  PG 81
MALE ELBOW  PG 81	MALE RUN TEE  PG 82	M. BRANCH TEE  PG 83	M. BRANCH TEE  PG 83	FE. ELBOW  PG 82	FORGED TEE  PG 83	ADAPTER TEE  83	FE. BRANCH TEE  PG 84	45° ELBOW  PG 84




























































BRASS

PICTORIAL INDEX

CAP  PG 84	COMPRESS  PG 84	BULKHEAD  PG 85	CHECK VALVE  PG 85	TANK  PG 85	DOUBLE COMP. PG 84	DOUBLE COM-  PG 86	MALE  PG 86	90° ELBOW  PG 86
BREAK-AWAY  PG 86	SPLIT SLEEVE PG 87	SPLIT SLEEVE  PG 87	NUT  PG 87	DBL. END  PG 87	CONNECTOR  PG 87	ELBOW  PG 87	COMP ASSEMBLIES PG 88	DELRIN  PG 88
BRASS INSERT  PG 88	LONG NUT COMP  PG 88	SELF-ALIGN SLEEVE  PG 88	CAPTIVE SLEEVE PG 89	CAP SLEEVE NUT  PG 89	UNION  PG 89	MALE ADAPTER  PG 89	MALE ELBOW  PG 89	M. BRANCH TEE  PG 89
ANG. NEED. VALV.  PG 89	SLE. NEED. VALV.  PG 89	FLARE-LESS PGS 91-94	NUT PLS. SLEEVE  PG 91	UNION  PG 91	BULKHEAD UNION  PG 91	UNION TUBE  PG 91	BULKHEAD UNION  PG 91	UNION TEE  PG 92
FE. CONNecTOR  PG 92	M. CONNecTOR  PG 92	MALE ELBOW  PG 92	FEMALE ELBOW  PG 93	MALE RUN TEE  PG 93	M. BRANCH TEE  PG 93	FE. BRANCH TEE  PG 93	UNI NUT SLEEVE  PG 94	NUT  PG 94
PLASTIC SLEEVE  PG 94	PUSH-IN FITTINGS PGS 97-	BRASS PUSH-IN PGS 97-101	UNION CON-NECT  PG 97	UNION TEE  PG 97	UNION ELBOW  PG 97	FE. CONNecTOR  PG 97	M. CONNecTOR  PG 98	SWVL. M. ELBOW  PG 98
FIXED M. ELBOW  PG 99	FE. SWVL ELBOW  PG 99	FEMALE ELBOW  PG 99	SWVL M. RUN T  PG 100	FIXED M. RUN T  PG 100	SWVL M. BRANCH  PG 100	FIX M. BRANCH T  PG 100	UNION "Y"  PG 101	BULKHEAD UNION  PG 101
FE. BLKHD UNION  PG 101	REDUCER  PG 101	PLASTIC PLUG  PG 101	N/P BRASS PUSH-IN PGS 103-106	UNION CON-NECT  PG 103	UNION TEE  PG 103	UNION ELBOW  PG 103	FE. CONNecTOR  PG 103	FIXED M. ELBOW  PG 104

BRASS

PICTORIAL INDEX

MALE W/INT  PG 104	M. CONNEC-  PG 104	SWVL. M.  PG 105	FE. SWVL  PG 105	SWVL. M.  PG 105	REDUCER  PG 106	UNION "Y"  PG 106	SWVL M.  PG 106	BULKHEAD  PG 106
N/P VALVES PG 107	PUSH-IN VALVE  PG 107	TUBE X MIP  PG 107	FIP MINI BALL  PG 107	MXF MINI BALL  PG 107	FIP ANGLE  PG 107	3-WAY MINI  PG 107	3_WAY MINI  PG 107	METRIC N/P BRASS PGS 108-110
BULKHEAD UNION  PG 108	UNION TEE  PG 108	UNION ELBOW  PG 108	UNION "Y"  PG 108	PLUG  PG 108	METRIC TUBE M.  PG 109	INTERNAL HEX  PG 109	METRIC TUBE ELB  PG 109	METRIC SWVL TEE  PG 110
METRIC SWVL TEE  PG 110	BULKHEAD  PG 110	COM- POSITE PUSH-IN PGS 112-115	UNION  PG 112	UNION TEE  PG 112	FE. CONNEC- TOR  PG 112	90° UNION ELB.  PG 112	UNION "Y" CONN  PG 112	M. CONNEC- TOR  PG 113
SW MALE ELBOW  PG 113	LONG PTTN M. EL  PG 113	FE. SWVL ELBOW  PG 114	45 SWIVEL ELL  PG 114	SWVL M. RUN T  PG 114	SWVL M. BRANCH  PG 114	BULKHEAD FE.  PG 115	BULKHEAD UNION  PG 115	SWIVEL "Y" CON  PG 115
METRIC TEENEEDLE VALVE  PG 115	FLOW CON- TROL  PG 115	FLOW CON- TROL  PG 115	METRIC PUSH-IN PGS 116-118	METRIC MALE  PG 116	METRIC EL- BOW  PG 116	METRIC TEE  PG 116	METRIC UNION  PG 116	METRIC TEE  PG 117
METRIC TEE  PG 117	METRIC SW ELBOW  PG 117	METRIC WYE  PG 118	METRIC SW WYE  PG 118	DOT BRASS PUSH-IN PGS 120-125	PLUG  PG 120	UNION  PG 120	UNION TEE  PG 120	UNION ELBOW  PG 120
FEMALE CONN  PG 121	MALE CON- NECTOR  PG 121	MALE ELBOW  PG 122	MALE SWL ELBOW  PG 122	FEMALE ELBOW  PG 123	FEMALE SWL EL  PG 123	MALE RUN TEE  PG 123	MALE SWL RUN T  PG 124	MALE 45° ELBOW  PG 124















































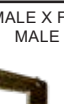
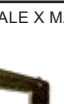







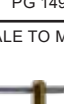


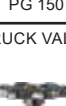
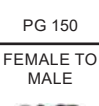

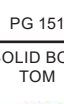
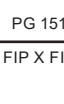
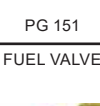



BRASS

PICTORIAL INDEX

<p>45° SWL EL-</p>  <p>PG 124</p>	<p>MALE BRANCH</p>  <p>PG 124</p>	<p>SWL BRANCH</p>  <p>PG 125</p>	<p>FEM BRANCH T</p>  <p>PG 125</p>	<p>BULK CON-</p>  <p>PG 125</p>	<p>BULKHEAD</p>  <p>PG 125</p>	<p>FEM BULK</p>  <p>PG 125</p>	<p>DOT COMP PUSH-IN PGS 127-130</p>		<p>STRAIGHT</p>  <p>PG 127</p>
<p>UNION TEE</p>  <p>PG 127</p>	<p>UNION 90° EL</p>  <p>PG 127</p>	<p>FEM CONNEC-</p>  <p>PG 127</p>	<p>MALE CON-</p>  <p>PG 128</p>	<p>90° MALE</p>  <p>PG 128</p>	<p>90° FEMALE EL</p>  <p>PG 128</p>	<p>MALE RUN TEE</p>  <p>PG 129</p>	<p>MALE BRANCH</p>  <p>PG 129</p>	<p>FEM BRANCH T</p>  <p>PG 129</p>	
<p>45° MALE ELBOW</p>  <p>PG 129</p>	<p>UNION "Y"</p>  <p>PG 130</p>	<p>MALE BRANCH "Y"</p>  <p>PG 130</p>	<p>BULKHEAD UNION</p>  <p>PG 130</p>	<p>FEM BULK CONN</p>  <p>PG 130</p>	<p>DOT FOR NYLON TUBE PG 132-135</p>		<p>SLEEVE</p>  <p>PG 132</p>	<p>NUT</p>  <p>PG</p>	<p>UNION</p>  <p>PG 132</p>
<p>BULKHEAD UNION</p>  <p>PG 132</p>	<p>SS INSERT</p>  <p>PG 132</p>	<p>BRASS INSERT</p>  <p>PG 132</p>	<p>TEE</p>  <p>PG 133</p>	<p>RED BRANCH TEE</p>  <p>PG 133</p>	<p>ELBOW</p>  <p>PG 133</p>	<p>FEMALE ADAPTER</p>  <p>PG 133</p>	<p>MALE ADAPTER</p>  <p>PG 134</p>	<p>SWL MALE ADPT</p>  <p>PG 134</p>	
<p>MALE ELBOW</p>  <p>PG 134</p>	<p>SWL MALE ELBOW</p>  <p>PG 134</p>	<p>FEMALE ELBOW</p>  <p>PG 134</p>	<p>MALE RUN TEE</p>  <p>PG 135</p>	<p>MALE BRANCH T</p>  <p>PG 135</p>	<p>FEM BRANCH T</p>  <p>PG 135</p>	<p>45° ELBOW</p>  <p>PG 135</p>	<p>SWL 45° EL-BOW</p>  <p>PG 135</p>	<p>DOT FOR COPPER PGS 136-137</p>	
<p>SLEEVE</p>  <p>PG 136</p>	<p>NUT</p>  <p>PG</p>	<p>UNION</p>  <p>PG 136</p>	<p>MALE ADAPTER</p>  <p>PG 137</p>	<p>90° MALE ELBOW</p>  <p>PG 137</p>	<p>MALE BRANCH T</p>  <p>PG 137</p>	<p>DOT FOR HOSE PGS 138-140</p>		<p>SLEEVE</p>  <p>PG 138</p>	<p>NUT</p>  <p>PG 138</p>
<p>NUT-USE SPRING</p>  <p>PG 138</p>	<p>SPRING</p>  <p>PG 139</p>	<p>NUT/SPRING</p>  <p>PG 139</p>	<p>UNION</p>  <p>PG 139</p>	<p>CONNECTOR HOSE</p>  <p>PG 139</p>	<p>MALE CON-NECTOR</p>  <p>PG 139</p>	<p>ADAPTER FOR SWL</p>  <p>PG 140</p>	<p>MALE ADAPTER</p>  <p>PG 140</p>	<p>ADAPTER BODY</p>  <p>PG 140</p>	
<p>MALE ADAPTER</p>  <p>PG 140</p>	<p>GREASE FITTINGS PGS 141-145</p>		<p>1/8 STR.</p>  <p>PG 141</p>	<p>BALL CHECK 1/8 LONG</p>  <p>PG 141</p>	<p>1/8" 30</p>  <p>PG 141</p>	<p>1/8" 45</p>  <p>PG 141</p>	<p>65° 1/8"</p>  <p>PG 141</p>	<p>90° 1/8"</p>  <p>PG 141</p>	<p>1/4 STR</p>  <p>PG 141</p>

BRASS

PICTORIAL INDEX

65° BALL  PG 142	SHORT 1/4-28  PG 142	LONG 1/4-28  PG 142	EXTRA LONG  PG 142	SHORT 45° BC  PG 142	SHORT 45° BC  PG 142	LONG 45° BC  PG 142	90° BALL  PG 142	DRIVE TYPE  PG 143
DRIVE TYPE  PG 143	6MM  PG 143	6MM 45°  PG 143	6MM 90°  PG 143	8MM  PG 143	8MM 45°  PG 143	8MM 90°  PG 143	10MM  PG 144	10MM 45°  PG 144
10MM 90°  PG 144	5/16"-24  PG 144	3/8" - 24  PG 144	BUTTON HEAD  PG 144	WHIP HOSE  PG 144	ADAPTERS  PG 145	ADAPTERS  PG 145	EXTENSIONS  PG 145	45° ANGLE  PG 145
90° ANGLE  PG 145	COUPLING  PG 145	BULKHEAD  PG 145	DRAIN COCKS PGS 147-148	GAS SHUT OFF  PG 147	DRAIN COCK  PG 147	TRUCK DRAIN  PG 147	SHUT OFF  PG 147	LEVER HANDLE  PG 147
AIR TANK VALVE  PG 147	INTERNAL SEAT  PG 148	INTERNAL SEAT  PG 148	LG INTERNAL SEAT  PG 148	TEE HANDLE  PG 148	EXT W/ SPOUT  PG 148	BIBB NEEDLE  PG 148	RADIATOR TYPE  PG 148	SHUT OFF COCKS PG 149
COMP X MALE  PG 149	COMP X COMP  PG 149	FEMALE X FEM  PG 149	MALE X FE-MALE  PG 149	MALE X MALE  PG 149	NEEDLE VALVES PGS 150-151	COMP X MALE  PG 150	COMP X M ANGLE  PG 150	COMP X COMP  PG 150
FLARE X MALE  PG 150	FLARE X MALE  PG 151	FLARE X FLARE  PG 151	AIR VENT  PG 151	MALE TO MALE  PG 151	F X F  PG 151	MALE X FE-MALE  PG 151	TRUCK VALVES PG 152	TRUCK VALVE  PG 152
FEMALE TO MALE  PG 152	FLARE TO MALE  PG 152	SOLID BOTTOM VALVES PG 152	SOLID BOT-TOM  PG 152	FIP X FIP  PG 152	FUEL VALVE  PG 152	MALE X MALE  PG 152	F X F  PG 152	MALE X FLARE  PG 152

LEAD FREE
PICTORIAL INDEX

MULTI PORT VALVES PGS 153	3-WAY (SIDE)  PG 153	3-WAY (BOT-)  PG 153	4-WAY  PG 153	MARINE VALVES PG 154	ANTI-SIPHON  PG 154	ANTI-SIPHON  PG 154	ALUM ANTI-  PG 154	MXF ANTI-  PG 154
ALUM MXF  PG 154	ALUM BARB  PG 154	FL X MIP  PG 154	6-PORT  PG 154	MINI BALL VALVES PG 155	MINI BALL  PG 155	MALE X MALE  PG 155	PIPE X BARB  PG 155	F X F  PG 155
F X F  PG 155	F X F  PG 155	FNPT X FNPT  PG 155	MNPT X FNPT  PG 155	PANEL MOUNT VALVES PG 155	PANAL MOUNT  PG 155	F X F  PG 155	F X F  PG 155	CHECK VALVES PG 156
FIPXFIP BUNA-N  PG 156	M X F BUNA-N  PG 156	MNPT X MNPT  PG 156	FNPT X FNPT  PG 156	NPT X NPSM  PG156	F X F  PG 156	F X M  PG 156	M X F  PG 156	M X M CHECK  PG 156
L/F PIPE PGS 158-178	BRASS PIPE PGS 158-161	FGD ELL  PG 158	FGD TEE  PG 158	BS TEE  PG 158	BS 45  PG 158	BS ELL  PG 158	FACE BUSH  PG 159	SQ. HEAD  PG 159
CAP  PG 159	CROSS  PG 159	COUPLING  PG 159	BUSHING  PG 159	HEX PLUG  PG 159	CS PLUG  PG 159	UNION  PG 159	ST. ELL  PG 160	LONG ST  PG 160
HEX NIPPLE  PG 160	CL. NIPPLE  PG 160	ADAPTER  PG 160	NIPPLE  PG 160	DUAL SEAT  PG 161	MALE ADAPTER  PG 161	ALL MALE  PG 161	BS ELL  PG 161	MALE BRANCH  PG 161
MALE RUN  PG 161	L/F HOSE BARB PG 162	RIGID MALE ADAPTER  PG 162	FORGED HOSE BARB  162	MENDER/SPLICER  PG 162	RIGID FEMALE  PG 162	HOSE BARB  PG 162	FEMALE  PG 162	LF MINI BALL  PG 162

























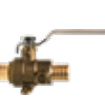
LEAD FREE

PICTORIAL INDEX

L/F GARDEN HOSE PGS 163	MGH X MALE  PG 163	GARDEN HOSE  PG 163	FGH X MALE  PG 163	MGH X MGH  PG 163	BRASS CON-  163	SWIVEL  PG 163	MALE END  PG 163	FEMALE  PG 163
GARDEN HOSE  PG 163	RIGID  PG 163	SWIVEL  PG 163	FGH X MALE  PG 163	MGH X FE-  PG 163	L/F FLARE PGS 164-165	SHORT ROD  PG 164	SHORT FORGE  PG 164	UNION  PG 164
FLARED CAP  PG 164	TEE  PG 164	PLUG  PG 164	FEMALE ADAPTER  PG 165	MALE BRANCH TEE  PG 165	FORGED SWIVEL  165	MALE ADAPTER  PG 165	UNION ELBOW  PG 165	FIP BRANCH TEE  PG 165
90° MALE ELBOW  165	FEMALE ELBOW  PG 165	MALE RUN TEE  PG 165	L/F COMPRESSION PGS 166-169	BRASS SLEEVE  PG 166	NUT  PG 166	BRASS INSERT  PG 166	CAPTIVE SLEEVE NUT  PG 166	CAP  PG 166
UNION  PG 167	TANK UNION  PG 167	TEE  PG 167	UNION ELBOW  167	FEMALE ADAPTER  PG 167	COMP X SWEAT  PG 167	MALE ADAPTER  PG 168	MALE ELBOW  PG 168	TANK CON-NECTOR  PG 168
FEMALE ELBOW  PG 168	45 ELBOW  PG 168	MALE RUN TEE  PG 168	MALE BRANCH TEE  PG 169	COMPX FIP X MIP  PG 169	FIPXMIPX-COMP  PG 169	COMPX FIP TEE  PG 169	COMP X FE FL  PG 169	COMP X MALE FLARE  PG 169
COMP X FE COMP  PG 169	COMP X FE FLARE  PG 169	COMP X FE GDN HOSE  PG 169	COMP X FE GDN HOSE 90  PG 169	ADD-A-TEE  PG 169	N/P COMPRESSION PGS 170	NUT  PG 170	UNION  PG 170	RED UNION  PG 170
TEE  PG 170	UNION ELBOW  PG 170	FEMALE COU-PLING  PG 170	COMP X SWT  PG 170	MALE ADAPTER  PG 170	MALE ELBOW  PG 170	FEMALE ELBOW  PG 170	ICE MAKER KIT  PG 170	NEEDLE VALVES PGS 171

VALVES

PICTORIAL INDEX

COMP NEEDLE  PG 171	COMP X MIP  PG 171	COMP X M  PG 171	FL X FL NEE-  PG 171	FL X MIP  PG 171	FIP X FIP  PG 171	M X F PIPE  PG 171	MIP X MIP  PG 171	VALVE WITH  PG 171
VALVE W/  PG 171	SADDLE ONLY  PG 171	SADDLE VALVE  PG 171	SUPPLY STOP CONNECTORS 172-174	FIP X B/C SS  PG 172	STRAIGHT  PG 172	3/8 X FIP LAV  PG 172	3/8 X 3/8 LAV  PG 172	ANGLE SUP-  PG 172
3-WAY SUPPLY STOPS  PG 172	ICE MAKER SS CNCTR  PG 173	3/8 GDN HOSE SS CNCTR  PG 173	WATER HEATER CON-NECTOR  PG 173	WASHING MA-CHINE CNCTR  PG 173	CONNECTOR W/ELBOW  PG 173	PVC BALL-COCK CNCTR  PG 174	PVC LAV CON-NECTOR  PG 174	PVC LAV 3/8 COMP CNCTR  PG 174
TRANSI-TION PGS 175	CPVC SS MALE ADAPTER  PG 175	CPVC BRASS ADAPTER  PG 175	FEMALE ADAPTER CPVC  PG 175	CPVC DROP EAR BRASS  PG 175	CPVC SS MALE ADAPTER  PG 175	CPVC SS DROP EAR  PG 175	DISPLAY UNITS PGS 176-178	SS SIZE GUIDE  PG 178
FLARE SIZE GUIDE  PG 178	BINS 4 ACROSS  PG 177	BINS  PG 176-177	PACKAGE  PG 176-177	BINS 5 ACROSS  PG 177	PIPE SIZE GUIDE  PG 178	HOSE BARB SIZE GUIDE  PG 178	BINS 6 ACROSS  PG 177	BINS  176-177
SIZE GUIDE PIPE/COMP/FL  PG 178	COMP SIZE GUID  PG 178	PLASTIC SIZE GUIDE  PG 178	LABELS  PG 177	BAG AND TAG  PG 177	VALVES PGS 179-239	L/F VALVES PGS 180-185	LF BALL VALVE  PG 180	SWT X SWT  PG 180
FIP X FIP LF  PG 181	SWT X SWT LF  PG 181	LF ITALIAN  PG 182	SWT X SWT LF  PG 182	L/F PLBG VALVES PGS 183-185	LF GATE VALVE  PG 183	GATE VALVE CXC  PG 183	LF BRASS CHECK  PG 183	SWING CHECK  PG 183
CXC SWING CHK  PG 183	Y-STRAINER  PG 183	LF COPPER PRESS VALVE  PG 184	C/E PEX UNION BALL  PG 185	C/E PEX W/ DRAIN & DROP  PG 185	PEX BALL VALVE  PG 185	MIP X PROPEX  PG 185	PEX DRAIN VALVE  PG 185	BALL VALVES PGS 186-196

VALVES

PICTORIAL INDEX

FORGED  PG 186	LOCKING  PG 187	BUTTERFLY  PG 187	FXF NICKEL  PG 188	NP/SS TRIM  PG 189	ITALIAN BALL  PG 190	M X F  PG 191	ITALIAN M X F  PG 192	MXF TEE  193
FXM LOCKING  PG 194	SPRING  PG 195	RIGHT ANGLE  PG 195	3WAY NON-  PG 196	SAFETY EX-  PG 197	GAS BALL VALVES PG 197	GAS BALL  PG 197	FLARE X  PG 197	FLARE X MIP  PG 197
FLARE X FIP  PG 197	ITALIAN GAS BALL  PG 197	MINI BALL VALVES PGS 198-201	ITALIAN MINI BALL  PG 198	M X F  PG 198	MINI MXF BRASS  PG 198	FXF FLAG HANDLE  PG 199	LEVER HANDLE  PG 199	TEE HANDLE  PG 199
SCREW-DRIVER  PG 199	MXF FLAG  PG 200	LEVER HANDLE  PG 200	TEE HANDLE  PG 200	SCREW-DRIVER  PG 200	F X F MINI  201	F X M MINI  PG 201	M X M MINI  PG 201	BARB X MALE MINI  PG 201
BARB X FEMALE  PG 201	BARB X BARB MINI  PG 201	BRASS VALVES PGS 202-205	3-WAY SIDE OUT  PG 202	3-WAY BOTTOM  PG 202	STRAINER  PG 203	VACUUM BREAK  PG 203	RADIATOR AIR  PG 203	KEY ONLY  PG 203
SILCOCK  203	HOSE BIBBS  PG 203	GARDEN VALVE  PG 203	GATE VALVE  PG 204	QUICK OPENING  PG 205	Y-STRAINER  PG 206	CHECK VALVES PGS 207-209	SWING CHECK  PG 207	Y-SWING CHECK  PG 207
CHECK VALVE  PG 208	IN LINE CHECK  PG 208	IN LINE CHECK  PG 209	SS BALL VALVES PGS 210-214	2000#  PG 210	316 SS 1-PC 1000 STD PORT  PG 211	316 SS 2-PC 1000 FP  PG 212	SS MINI  PG 213	SS M X F  PG 213
FXF BUTTERFLY  PG 214	MXF BUTTERFLY  PG 214	MXM BUTTERFLY  PG 214	CHECK VALVES PGS 215-219	304 CHECK  PG 215	SS IN LINE  PG 216	FXF SPRING CHK  PG 217	MXF SPRING CHK  PG 217	Y-SPRING CHECK  PG 219






























NIPPLES AND FITTINGS

PICTORIAL INDEX

2PC BARREL  PG 218	SS SWING CHK  PG 219	SS GLOBE  PG 219	SS GATE  PG 219	STEEL VALVES PGS 220-223	STANDARD  PG 220	2PC FULL  PG 221	2 WAY  PG 222	3 WAY  PG 222
CHECK  PG 223	PVC PGS 224-225 PG	PVC THREAD  PG 224	SLIP X SLIP  PG 224	FIP X FIP  PG 224	SLIP X SLIP  PG 224	IN-LINE CHECK  PG 225	FIP PVC  PG 225	DRUM FAUCET  PG 225
DRUM & BAR-REL  PG 225	DUCTILE IRON PGS 227-236	BUTTERFLY VALVE LEVER  PG 227	BUTTERFLY VALVE GEAR  PG 228	GEAR RE-PLACEMENT  PG 229	WHEEL  PG 229	EXTENSIONS  PG 229	ROLL PIN  PG 229	WAFER BUT-TERFLY  PG 230
CHECK VALVE UL  PG 231	CHECK  PG 231	CHECK  PG 232	GATE VALVE NO TAP  PG 233	GATE VALVE NRS RES.  PG 234	GATE VALVE DI  PG 235	GATE VALVE FL X MJ  PG 236	FLANGE PGS 237-239	COMP FLANGE THREAD  PG 237
COMPANION FLANGE  PG 238	METER COU-PLING  PG 239	FLANGE OVAL  PG 239	FLANGE OVAL  PG 239	NIPPLES & FITTINGS PGS 240-329	BRASS NIPPLES PGS 240-269	SEAMLESS SCH 40  PG 244	CHROME PLATED  PG 248	BRONZE FITTINGS PG 250-258
LEAD FREE BRONZE PG 250-258	90° ELBOW  PG 250	90° REDUCE ELB  PG 250	90° STREET ELLS  PG 251	45° ELBOW  PG 251	45 ST ELBOW  PG 251	CROSS  PG 252	TEE  PG 252	REDUCING TEE  PG 253
REDUCING TEE  PG 253	COUPLING  PG 254	REDUCE COUP  PG 254	CAP  PG 255	UNION  PG 255	HEX LOCKNUT  PG 255	HEX BUSHING  PG 256	HEX BUSHING  PG 256	CNTRSUNK PLUG  PG 257
CORED PLUG  PG 257	SOLID PLUG  PG 257	HEX NIPPLE  PG 258	REDUCE HEX NIP  PG 258	LF COMPANION FLANGE  PG 258	LF SWT COMP FLANGE  PG 258	LF FLOOR FLANGE  PG 258	CHROME PLATED PG 259-260	C/P TEE  PG 259

NIPPLES AND FITTINGS

PICTORIAL INDEX

C/P CROSS  PG 259	C/P ST ELL  PG 259	C/P 45 ST ELL  PG 259	C/P COUPLING  PG 259	C/P ELL  259	C/P 45 ELL  PG 260	C/P UNION  PG 260	C/P CAP  PG 260	C/P BUSHING  PG 260
C/P PLUG  PG 260	USA L/F BRONZE PG 261-266	USA ELBOW  PG 261	RED ELL  PG 261	USA 45 ELL  PG 261	DROP ELL  PG 261	ST ELL  PG 261	TEE  PG 262	45 ST ELL  PG 262
CROSS  PG 262	STREET TEE  PG 263	REDUCER  PG 263	COUPLING  PG 263	45 Y BRANCH  PG 263	BUSHING  PG 264	CAP  PG 264	CS PLUG  PG 264	UNION  PG 264
EH ELBOW  PG 265	PLUG  PG 265	EH ST ELBOW  PG 265	EH 45 ELBOW  PG 265	SOLID PLUG  PG 265	EH CROSS  PG 266	EH UNION  PG 266	EH CAPS  PG 266	EH COUPLING  PG 266
EH TEE  PG 266	CLEANOUT PLUGS PG 267	CLEANOUT PLUG  PG 267	CS C/O PLUG  267	C/O PLUG W/ TAP  PG 267	DROP EAR ELBOWS PG 267	BRONZE D/E  PG 267	SWT X SWT  PG 267	PEX X FIP  267
BRASS INSERTS PGS 268	BARB FOR PL PIPE  PG 268	BRONZE TEE BARB  PG 268	 268	UNION 90  PG 268	STEEL INSERTS PG 268	STEEL INSERT  PG 268	REDUCER  PG 268	UNION  PG 268
SS INSERTS PG 269	SS MALE ADAPTER  PG 269	SS 90 ELBOW  PG 269	L/F INSERTS PG 269	LF UNION  PG 269	LF MALE BRANCH  PG 269	LF UNION ELBOW  PG 269	WELL COUPLINGS PG 269	SS DROP WELL  PG 269
SS HEAVY CPLG  PG 269	SS MERCHANT  PG 269	SS NIPPLES PG 273-275	304 SCH 40 WELDED  PG 273	316 SCH 40 WELDED  PG 273	SS FITTINGS PG 277-283	90° ELBOW  PG 277	90° STREET ELB.  PG 277	45° STREET ELB.  PG 277



































NIPPLES AND FITTINGS

PICTORIAL INDEX





































































TEE  PG 278	CROSS  PG 278	HEX NIPPLE  PG 278	REDUCE HEX  PG 278	COUPLING  PG 279	REDUCE COUP  PG 279	MACHINED  PG 279	HALF COU-  PG 280	UNION  PG 280
CAP-CAST  PG 280	HEX CAP-  PG 280	HEX BUSHING  PG 281	HEX LOCKNUT  PG 282	HEX SOCKET  PG 283	CORED PLUG  PG 282	SOLID PLUG  PG 283	SOLID HEX  PG 283	CORED HEX  PG 282
HOSE NIPPLE  PG 282	REDUCING  PG 283	STEEL NIPPLES PG 250-264	SCH 40 GALVA- NIZED  PG 288	SCH 40 BLACK  PG 288	ASSORT- MENTS  PG 292	TOTE TRAYS  PG 292	SCH 80 SEAM- LESS  PG 293	XXS SEAM- LESS  PG 299
GROOVE NIPPLES PG 265-266	THREAD X GROOVE  PG 300	GROOVE X GROOVE  301	MERCHANT COUPLINGS PG 267-268	MERCHANT COUP  PG 302	MERCHANT COUP  302	HALF MECHANT C  PG 302	API LINE COUP  PG 303	MALLEABLE FITTINGS PG 269-278
90° ELBOW GALV  PG 305	90° ELB. BLACK  PG 305	REDUCE ELBOW  PG 305	REDUCE ELBOW  PG 305	GALV ST. ELBOW  PG 305	BLK. ST. EL- BOW  PG 305	45° GALV ELBOW  PG 306	45° BLK. EL- BOW  PG 306	45° GALV ST. ELB  PG 306
45° BLK. ST. ELB  PG 306	GALV CROSS  PG 306	BLACK CROSS  PG 306	GALV TEE  PG 307	BLACK TEE  PG 307	GALV REDUCE T  PG 307	BLK. REDUCE T  PG 307	BULLHEAD TEE  PG 308	BLK. BLKHD TEE  PG 308
REDUCING TEE  PG 308	MALL SERVICE T  PG 308	MALL SERVICE T  PG 308	GALV OUT TEE  PG 308	BLK. OUT TEE  PG 308	GALV COU- PLING  PG 309	BLK. COU- PLING  PG 309	GALV RED COUP  PG 309	BLK. RED COUP  PG 309
INSIDE HEX  PG 310	BLK. HEX BUSH  PG 310	GALV HEX BUSH  PG 310	GALV UNION  PG 311	BLACK UNION  PG 311	GALV SQR PLUG  PG 311	BLK SQR PLUG  PG 311	GALV CAP  PG 311	BLACK CAP  PG 311

NIPPLES AND FITTINGS

PICTORIAL INDEX

LATERAL Y  PG 312	LOCKNUTS  PG 312	COUPLING  PG 312	OUTLET  PG 312	GALV FLR  PG 313	BLK FLR  PG 313	EXTENSION  PG 313	SHROOM CAP  PG 313	STEEL FITTINGS PG 314-315
GALV HEX  PG 314	BLK HEX BUSH  PG 314	GALV CAP  PG 314	BLK CAP  PG 314	GALV FACE  PG 314	BLK FACE  PG 314	GALV SQR  PG 315	BLK SQR PLUG  PG 315	
BLK HEX PLUG  PG 315	GALV CS PLUG  PG 315	BLK CS PLUG  PG 315	CS HEX  PG 315	BLK CS PLUG  PG 315	300# MALLEABLE PG 316-317	90° ELBOW  PG 316	45° ELBOW  PG 316	90° ST ELBOW  PG 316
TEE  PG 316	COUPLING  PG 316	REDUCE COUP  PG 317	CAP  PG 317	UNION  PG 317		MAG DRAIN PLUG  PG 317	BULL PLUGS & SWAGES PG 318-319	BULL PLUG  PG 318
SCH 40 SWAGE  PG 318	HEX SWAGE  PG 319	SCH 80 SWAGE  PG 319	XXH SWAGE  PG 319	STEEL FLANGES PG 320-321	SLIP-ON  PG 320	THREADED  PG 320		WELD NECK FLNG  PG 321
HAMMER UNION PG 322	1,000 PSI HAMMER UNION  PG 322	2,000 PSI HAMMER UNION  PG 322	CRIMPLOK HAMMER UNION  PG 322		COPPER FITTINGS PG 324-329	90° EL CXC  PG 324	90° ST EL FTG X C  PG 324	90° LONG TURN  PG 324
	45° EL CXC  PG 325	45° ST FTG X C  PG 325	COUPLING  PG 325	COUPLING  PG 325		COUPLING  PG 326	REDUCER W/ STOP  PG 326	FITTING REDUCER  PG 326
FEMALE ADAPTER  PG 328	FTG X F ADAPTER  PG 328	CAP  PG 328	UNION C X C  PG 328	U-TYPE STRAP  PG 328	TEE  PG 329	PLASTIC FITTINGS PG 330-344	PIPE PG 295-297	PVC NIPPLES PG 331-332

PLASTIC PICTORIAL INDEX

ELBOW  PG 333	TEE  PG 333	STREET  PG 333	STREET  PG 333	HEX HEAD  PG 333	HEX HEAD  PG 333	HEX BUSHING  PG 334	HEX BUSHING  PG 334	HEX NIPPLE  PG 334
HEX NIPPLE  PG 334	RED NIPPLE  PG 334	RED NIPPLE  PG 334	COUPLING  PG 335	COUPLING  PG 335	PIPE CAP  PG 335	PLASTIC BULK-  PG 335	HOSE BARB PG 335-338	MALE  PG 335
MALE ADAPTER  PG 336	HOSE X MALE 90°  PG 336	HOSE X MALE 90°  PG 336	UNION ELBOW  PG 337	SPLICER  PG 337	SPLICER  PG 337	RED SPLICER  PG 337	RED SPLICER  PG 337	BARBED TEE  PG 338
BARBED TEE  PG 338	BARBED Y  PG 338	BARBED Y  PG 338	REDUCING TEE  PG 338	REDUCING TEE  PG 338	M BRANCH TEE  PG 338	GARDEN HOSE PG 339	GH CAP  PG 339	GH NUT  PG 339
GH ADPT INSERT  PG 339	GH THREAD ADPT  PG 339	MGH X F  PG 339	FGH X M  PG 339	FGH X F  PG 339	MGH X M  PG 339	COMPRESSION PG 340	UNION CON- NECTOR  PG 340	BULKHEAD UNION  PG 340
UNION TEE  PG 340	UNION ELBOW  PG 340	FEMALE CON- NECT  PG 340	MALE CON- NECTOR  PG 340	MALE ELBOW  PG 340	PUSH-IN PG 341-344	UNION CON- NECT  PG 341	BULKHEAD UNION  PG 341	UNION TEE  PG 341
UNION ELBOW  PG 341	REDUCING ELBOW  PG 341	FEMALE CON- NECT  PG 342	MALE CON- NECTOR  PG 342	STEM ADAPTER  PG 342	REDUCER  PG 342	FIXED ELBOW  PG 342	PLUG-IN ELBOW  PG 343	2-WAY DIVIDER  PG 343
PLUG  PG 343	BSP ADAPTER  PG 343	PLXPL  PG 343	PL X MIP VALVE  PG 343	CHECK VALVE  PG 344	STOP VALVE  PG 344	LOCKING CLIP  PG 344	FLOW BEND CLIP  PG 344	SPANNER  PG 344









































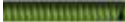



























HOSE ACCESSORIES

PICTORIAL INDEX

STOP VALVE  PG 344	SLIP TEE  PG 344	HOSE ACCESSORIES PG 305-315	ALUMINIUM CAM & GROOVE PG 306-307	MADPT X F  PG 346	FEMALE COU-  PG 346	HOSE SHANK  PG 346	FEMALE COU-  PG 346	HOSE SHANK E  PG 347
MALE ADAPTER  PG 347	DUST CAP DC  PG 347			DUST CAP DP  PG 347	SPOOL  PG 348	MALE ADAPT-  PG 348	SWIVELA  PG 348	FEMALE COU-  PG 348
REDUCER D  PG 349	FEMALE COU- PLER D  PG 349	FEMALE COU- PLER DD  PG 349	SWIVEL D  PG 349	MALE ADAPT- ER F  PG 349	POLYPROPYLENE CAM & GROOVE PG 350-351	MALE ADAPT- ER A  PG 350	FEMALE COU- PLER B  PG 350	HOSE SHANK C  PG 350
FEMALE COU- PLER D  PG 350	M X HOSE SHANK E  PG 351	MALE ADAPT- ER F  PG 351	DUST CAP DC  PG 351	DUST PLUG DP  PG 351		STAINLESS STEEL CAM & GROOVE PG 352-354	FEMALE ADAPTER A  PG 352	FEMALE COU- PLER B  PG 352
FEMALE COU- PLER D  PG 352	HOSE SHANK E  PG 353	MALE ADAPT- ER F  PG 353	DUST CAP DC  PG 353	DUST PLUG DP  353	SS ADAPTER  PG 354		SS COUPLER DD  PG 354	SS DA  PG 354
BRASS CAM & GROOVE PG 355-356	MALE ADAPT- ER A  PG 355	FEMALE COU- PLER B  PG 355	HOSE SHANK C  PG 355	FEMALE COU- PLER D  PG 355	HOSE SHANK E  PG 356	MALE ADAPT- ER F  PG 356	DUST CAP DC  PG 356	DUST CAP DP  PG 356
	SS HANDLE  PG 357	BRASS HANDLE  PG 357	BUNA-N GAS- KET  PG 358	SAFETY CLIP  PG 357	SILICONE GASKET  PG 358	VITON GASKET  PG 358	KING NIPPLES PG 359-361	HOSE NIPPLE STEEL  PG 359
REDUCER/EX- PANDER  PG 359	316 SS  PG 359		BRASS  PG 360	ALUMINUM  PG 360	STEEL VIC- TAULIC  PG 360	PLATED GROOVED  360		HOSE MENDER STEEL  PG 361


















































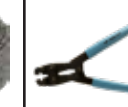


















HOSE ACCESSORIES

PICTORIAL INDEX

BRASS  PG 361	UNIVERSAL GROUND JOINT PG 362-364	UNIVERSAL  PG 362	WASHER  PG 362	FEMALE NPT  PG 362	HOSE END  PG 362	TRIPLE CON-  PG 362	GROUND  PG 363	HOSE STEM  PG 363
WING NUT  PG 363	F SPUT ONLY  PG 363	M NPT STEM  PG 364	BOLT CLAMP  PG 364	STEEL HOSE  PG 364	ALUMINUM  PG 364	STRAINERS PG 365	SAFETY  PG 365	FOOT VALVE  PG 365
ROUND STRAINER  PG 365	LONG STRAINER  PG 365	BOTTOM STRAINER  PG 365	BOTTOM HOLE  PG 365	FOG NOZZLE  PG 365	FIRE HOSE FITTINGS PG 366	FIRE HOSE  PG 366	FXM HEX ADPT  PG 366	DBL M HEX NIP  PG 366
M SWL ADAPTER  PG 366	BRASS CAP  PG 366	NOZZLE  PG 366	BUCHANAN HOSE PG 374-395	CLEAR BRAID  PG 374	JACK HAMMER  PG 375	JACK HAMMER  PG 375	HOT AIR BLOWER  PG 375	JACK HAMMER  PG 375
GENERAL PUR- POSE  PG 376	GENERAL PUR- POSE  PG 376	MARINE EX- HAUST  PG 377	PUSH-ON  PG 377	FUEL LINE  PG 378	ARI SUCTION  PG 378	IND VACUUM  PG 379	BULKMASTER SOFTWALL  PG 379	EPDM SUC- TION  PG 380
SANDBLAST  PG 380	FLEXLITE  PG 381	FLEXCHEM  PG 381	TANK TRUCK  PG 382	FLEXLITE  PG 382	TANK TRUCK  PG 383	OIL VACUUM  PG 383	TANK TRUCK 300  PG 384	OIL VACUUM  PG 384
FRAZLINE 400  PG 385	PETRO DIS- CHARGE  PG 385	HOT TAR  PG 386	PETRO DIS- CHARGE  PG 386	PETRO DIS- CHARGE  PG 387	STEAM 250 BLACK  PG 387	STEAM 250  PG 388	BLUE LAYFLAT  PG 389	BLUE ASSEM- BLY  PG 389
BROWN LAY- FLAT  PG 390	DURAFLEX  PG 391	DURAFLEX  PG 391	HIGH PRES- SURE  PG 392	HIGH PRES- SURE  PG 392	SATURN OLIVE  PG 393	SATURN GREEN  PG 393	SATW  PG 394	SAT  PG 394












HOSE CLAMPS

PICTORIAL INDEX

 WATER SUC- PG 395	 SUPERFLEX PG 395	CRIMPLOK PG 366	 ALUM DC PG 398	 ALUM B PG 398	 ALUM D PG 398	 ALUM C PG 398	 SS B PG 399	 SS D PG 399
 SS DC PG 399	 SS C PG 399	 ALUM C PG 400	 ALUM C AND E PG 400	 SS CRIMPLOK PG 400	 CRIMP CAMS PG 400	 CRIMP KING PG 401	 CRIMP KING PG 401	 CRIMP COMBO PG 401
 CRIMP KING 401	 SQUARE CUT PG 402	 SS FLANGE NIPPLE PG 402	 VICTAULIC PG 402	CRIMPLOK FERRULES PG 403-415	HOSE CLAMPS PG 417-436	 MINI WORM GEAR PG 417-420	 WORM GEAR CLAMP PG 417-420	 QUICK RE- LEASE PG 421
 M6S MAXI LIGHT PG 422	 T-BOLT CLAMPS PG 422	 M6 MAXI PG 423	 MKL MEGA-K- LAMP PG 423	 M8 MAXI PG 424	 M10 MAXI HEAVY PG 424	 M8S STD MAXI PG 424	 T-BOLT SPRING LDD PG 425	 V-BAND PG 426
 CONSTANT TORQUE PG 426	 HEAVY DUTY PG 427	 DOUBLE BOLT PG 427	 SC SPIRAL PG 428	 M10DC MAXI PG 428	 GUILLOTINE PG 429	 SADDLE PG 429	 FLAT PG 429	 LAP PG 430
 BUTT PG 430	 EXHAUST PG 430	 EASY FORM PG 430	 1-EAT PG 431	 HAMMERLOCK PG 432	 2-EAR PG 432	 GAPLESS PG 432	 SIDE JAW PG 433	 PINCERS PG 433
 CRIMPER PG 433	 LOKING TOOL PG 433	 LOKING TOOL PG 433	 MARINE EM- BOSSSED PG 434	 MINI CLAMPS SS PG 434	 MINI ALUZINC PG 434	 LINED CLAMPS PG 434	 VINYL COATED PG 435	 RUBBER LINED PG 435
 HOSE FERRULE-SS PG 436	TUBING PG 440-443	 POLYURE- THANE PG 440	 BLACK PG 440	 BLUE PG 440	 RED PG 440	 POLYETHYL- ENE PG 440	 BLACK POLY PG 440	 GREEN POLY PG 440


































PRESSURE WASHER/ PNEUMATICS

PICTORIAL INDEX

<p>BLUE POLY</p>  <p>PG 440</p>	<p>RED POLY</p>  <p>PG 441</p>	<p>NYLON 12</p>  <p>PG 442</p>	<p>PVC</p>  <p>PG 442</p>	<p>MINITUBING CUT</p>  <p>PG 442</p>	<p>TUBING CUT-TER</p>  <p>PG 442</p>	<p>PLASTIC TUBE CUT</p>  <p>PG 442</p>	<p>MOUNTING RACK</p>  <p>PG 443</p>	<p>ALUMINUM</p>  <p>PG 443</p>		
<p>COPPER TUBE</p>  <p>PG 443</p>	<p>SOFT COPPER</p>  <p>PG 443</p>	<p>PRESSURE WASHER PGS 445-449</p>		<p>QD NOZZLE</p>  <p>PG 445</p>	<p>MEG NOZZLE</p>  <p>PG 445</p>	<p>RUBBER TIP</p>  <p>PG 446</p>	<p>SS LIVE SWIVEL</p>  <p>PG 446</p>	<p>THERMAL RELIEF</p>  <p>PG 446</p>	<p>BOOM SWIVEL</p>  <p>PG 447</p>	
<p>WAND</p>  <p>PG 447</p>	<p>SPRAY GUN</p>  <p>PG 447</p>	<p>GUN W/EXT</p>  <p>PG 448</p>	<p>MALE STEEL PLUG</p>  <p>PG 448</p>	<p>FE. STEEL PLUG</p>  <p>PG 449</p>	<p>MOLDED GRIP</p>  <p>PG 449</p>	<p>MOLDED GRIP FE</p>  <p>PG 449</p>	<p>PNEUMATICS PG 450-472</p>		<p>QUICK DISCONNECTS PGS 451-452</p>	
<p>INDUSTRIAL INTERCHANGE</p>  <p>PG 451</p>	<p>BRASS M. COUP</p>  <p>PG 451</p>	<p>STEEL FE. COUP</p>  <p>PG 451</p>	<p>STEEL M. COUP</p>  <p>PG 451</p>	<p>BR. HOSE COUP</p>  <p>PG 451</p>	<p>STL. HOSE COUP</p>  <p>PG 451</p>	<p>BR. PUSH-ON</p>  <p>PG 452</p>	<p>STL PUSH-ON</p>  <p>PG 452</p>	<p>STEEL M. PLUG</p>  <p>PG 452</p>		
<p>STEEL FE. PLUG</p>  <p>PG 452</p>	<p>BRASS M. PLUG</p>  <p>PG 452</p>	<p>STL HOSE PLUG</p>  <p>PG 452</p>	<p>PUSH-ON PLUG</p>  <p>PG 452</p>	<p>STL SWL M. PLUG</p>  <p>PG 452</p>	<p>UNIVERSAL QD PGS 453</p>		<p>UNIVERSAL SERIES</p>  <p>PG 453</p>	<p>BRASS FE. COUP</p>  <p>PG 453</p>	<p>BR. HOSE COUP</p>  <p>PG 453</p>	
<p>SS M. COU-PLER</p>  <p>PG 453</p>	<p>SS FE. COU-PLER</p>  <p>PG 453</p>	<p>SS MALE PLUG</p>  <p>PG 453</p>	<p>SS FE. PLUG</p>  <p>PG 453</p>	<p>ARO QD PG 454</p>		<p>ARO 210</p>  <p>PG 454</p>	<p>FEMALE COU-PLER</p>  <p>PG 454</p>	<p>HOSE ID COUP</p>  <p>PG 454</p>	<p>MALE PLUG</p>  <p>PG 454</p>	
<p>FEMALE PLUG</p>  <p>PG 454</p>	<p>HOSE ID PLUG</p>  <p>PG 454</p>	<p>AUTO QD PGS 455-456</p>		<p>AUTO INTER-CHANGE</p>  <p>PG 455</p>	<p>BR. FE. COU-PLER</p>  <p>PG 455</p>	<p>STL. M. COU-PLER</p>  <p>PG 455</p>	<p>STL. FE. COU-PLER</p>  <p>PG 455</p>	<p>BR. MALE PLUG</p>  <p>PG 455</p>	<p>BR. FE. PLUG</p>  <p>PG 455</p>	
<p>STEEL MALE PLUG</p>  <p>PG 455</p>	<p>STEEL FE. PLUG</p>  <p>PG 456</p>	<p>HOSE ID COUP</p>  <p>PG 456</p>	<p>PUSH-ON COUP</p>  <p>PG 456</p>	<p>HOSE ID PLUG</p>  <p>PG 456</p>	<p>PUSH-ON PLUG</p>  <p>PG 456</p>	<p>LINCOLN QD PG 456</p>		<p>LINCOLN</p>  <p>PG 456</p>	<p>FEMALE COU-PLER</p>  <p>PG 456</p>	






































































PNEUMATICS

PICTORIAL INDEX

STEEL MALE  PG 456	STEEL FE.  PG 456	MISC QD PG 457	HIGH FLOW  PG 457	FEMALE COU-  PG 457	MALE PLUG  PG 457	FEMALE PLUG  PG 457	MOLD COOL-  PG 457	FEMALE PLUG  PG 457
MINI QD  PG 457	FE PLUG  PG 457	MUFFLERS/ BREATHERS PG 458-460	BR. MUFFLER  PG 458	STAINLESS  PG 458	BR. BREATH  PG 458	STLS BREATH  PG 458	PSI SNUBBER  PG 458	SPEED VALVE  PG 459
SPEED VALVE  PG 459	MUFF W/ FLOW  PG 459	HI FLOW MUFF  PG 459	HI FLOW MUFF  PG 459	HI FLOW MUFF  PG 459	HI FLOW MUFF  PG 459	NIP INLINE FILTER  PG 459	RPR AIR/OIL FILTER  459	CP BRASS MANIFOLD  PG 460
AIR REGULA- TOR  PG 460	MANIFOLD  PG 460	AIR MANIFOLD  PG 460	SAFETY VALVES PG 461	SAFETY VALVES  PG 461	SAFETY VALVES  PG 461	CHECK VALVE  PG 461	CHECK VALVE  PG 461	TANK VALVES PG 462
BIKE PUMP FIT  PG 462	INFLATOR  PG 462	SLIDE VALVE  PG 462	SPRING CORE  PG 462	SPRING CORE  PG 462	SPRING CORE  PG 462	BLK PLASTIC CAP  PG 462	DOME CAP  462	BLOW GUNS PG 463
CPCT BLOW GUN  PG 463	SAFE BLOW GUN  PG 463	SAFE BLOW GUN  PG 463	CPCT BLOW GUN  PG 463	PISTOL BLOW GUN  PG 463	PISTOL BLO- GUN  PG 463	GAUGES & CHUCKS PG 463-465	RUB TIP NOZZLE  PG 463	HI FLOW NOZZLE  PG 464
M-TIRE GAUGE  PG 464	STANDARD NOZZ  PG 464	VOL REGULA- TOR  PG 464	EXTENSION  PG 464	GUN ADAPTER  PG 464	COIL AIR HOSE  PG 464	COIL AIR HOSE  PG 465	HEX BALL CHUCK  PG 465	M. BALL CHUCK  PG 465
BALL CHCK BARB  PG 465	DUAL AIR CHUCK  PG 465	DUAL STRT AIR  PG 465	INFLATOR/ GAUGE  PG 465	INFLATOR/ GAUGE  PG 465	AIR ACCESSORY KITS PG 466-468	GAUGES PG 469-472	DRY GAUGE  PG 469	CENTER BACK MOUNT  PG 470
BALL CHCK BARBLIQUID FILLED  PG 471	BALL CHCK BARBWATER TEST  PG 471	DUAL STRT AIRGAS TEST  PG 472	THREAD SEAL  PG 465472	INFLATOR/ GAUGE BLUE SEAL TAPE  PG 465472	YEL GAS TAPE  PG 472	GRE OXY TAPE  PG 472	GREY SS TAPE  PG 472	TRUCK & TRAILER PG 473-494

HYDRAULICS

PICTORIAL INDEX

 <p>AIR COIL PG 473</p>	 <p>SLIDER COIL PG 473</p>	 <p>AIRLINE CABLE PG 474</p>	 <p>AIRBRAKE REPAIR PG 474</p>	 <p>POGO STICK PG 474</p>	 <p>HOSE HOLDER PG 474</p>	 <p>HOSE HOLDER PG 474</p>	 <p>HOSE SEPARATOR PG 474</p>	 <p>CLIP CARABINER PG 475</p>	
 <p>HANGER BRACKET PG 475</p>	 <p>YOKE PG 475</p>	 <p>FRAME CLIP PG 475</p>	 <p>AIRHOSE CLIP PG 475</p>	 <p>TENDER KIT PG 476</p>	 <p>SPRING PG 476</p>	 <p>SLIDER BAR PG 477</p>	 <p>GLADHANDS PG 478</p>	 <p>BRACKET MOUNT PG 478</p>	
 <p>KNOB STYLE GH PG 478</p>	 <p>LEVER STYLE GH PG 478</p>	 <p>GLADHAND GRIP PG 479</p>	 <p>AL GLADHAND PG 479</p>	 <p>GLADHAND PACIFER PG 479</p>	 <p>GLADHAND SEAL PG 479</p>	 <p>GH COUPLING KIT PG 479</p>	 <p>NYLON GH HOLDER PG 479</p>	 <p>GH HOLDER KIT PG 480</p>	
 <p>GLADHAND LOCK PG 480</p>	 <p>KING PIN LOCK PG 481</p>	 <p>AIR CYLINDER PG 481</p>	 <p>HIGH LIFT CYLINDER PG 482</p>	 <p>TAILGATE CYLINDER PG 482</p>	 <p>TAILGATE AIR CYLINDER PG 482</p>	 <p>FIFTH WHEEL CYLINDER PG 483</p>	 <p>AIR TANK CHECK PG 483</p>	 <p>D2 AIR GOVERNOR PG 483</p>	
 <p>QCK RELEASE VALVE PG 483</p>	 <p>R12 RELAY VALVE PG 484</p>	 <p>R14 RELAY VALVE PG 484</p>	 <p>3 WAY SOLENOID PG 484</p>	 <p>UNI SOLENOID PG 484</p>	 <p>AIR SOLENOID PG 485</p>	 <p>7 WAY CABLE PG 485</p>	 <p>6 WAY ELEC CABLE PG 486</p>	 <p>4 WAY ELEC CABLE PG 486</p>	
 <p>DUEL POLE PG 486</p>	 <p>SINGLE POLE PG 486</p>	 <p>PLUG PG 487</p>	 <p>PLUG PG 487</p>	 <p>SOCKET PG 487</p>	 <p>7W DBLE GRIP PG 487</p>	 <p>ADAPTER PG 487</p>	 <p>RV 7WAY PLUG PG 487</p>	 <p>RV 7WAY SOCK PG 488</p>	
 <p>4WAY PLUG PG 488</p>	 <p>GROUND KIT PG 488</p>	 <p>PROTECTOR BOOT PG 488</p>	 <p>CIRCUIT BREAKER PG 489</p>	 <p>NOSE BOX-DEEP PG 490</p>	 <p>BATT GRND STRAP PG 490</p>	 <p>SS BATTERY NUT PG 490</p>	 <p>DEER WHISTLE PG 492</p>	 <p>CONSP TAPE PG 492</p>	
 <p>TARP STRAP PG 492</p>	 <p>DOT TUBING PG 494</p>	 <p>FUEL LINE PG 494</p>	 <p>AIR BRAKE HOSE PG 494</p>	<p>HYDRAULIC ADAPTERS PG 495-539</p>		<p>TECHNICAL INFORMATION PG 496-503</p>		<p>PIPE SWIVELS PG 504-505</p>	
						 <p>M. SWL ADAPTER PG 504</p>	 <p>FE. SWL ADAPTER PG 504</p>		

HYDRAULICS

PICTORIAL INDEX

M. ELB  PG 504	FE. UNION  PG 505	M. 45° ELBOW  PG 505	FE. 45° UNION  PG505	M. SWL TEE  505	FE. SWL TEE  PG 505	FE. SWL TEE  PG 505	JIC 37 FLARE PG 506-512	JIC CAP  PG 506
JIC TUBE  PG 507	JIC M. CONN  PG 507	JIC FE. CONN  PG 508	JIC RED/EXP  PG 508	PLUG  PG 508	JIC UNION ELB.  PG 509	JIC M. ELBOW  PG 509	JIC M. ELBOW  PG 509	MALE 45°  PG 510
M. BRANCH TEE  PG 510	JIC FE. TEE  PG 510	JIC UNION TEE  PG 510	JIC BULK UNION  PG 511	BULK UNION ELB  511	45° UNION ELB  PG 511	BULK BRANCH T  PG 511	BULK RUN TEE  PG 511	JIC TO FEMALE  PG 511
JIC TO MALE  PG 512	PIPE FITTINGS PG 512-516	PIPE COU- PLING  PG 512	HEX PIPE NIPPLE  PG 512	EXP/PIPE ADAP  PG 513	HEX RED/ BUSH  PG 513	HEX HEAD PLUG  PG 513	HOLLOW HEX PLG  PG 513	FLUSH HLW PLUG  PG 513
SQR HEAD PLUG  PG 514	PIPE CAP  PG 514	MALE ELBOW  PG 515	45° M. ELBOW  PG 515	90° ST ELBOW  PG 515	45° ST ELBOW  PG 515	FE. ELBOW  PG 515	45° FE. ELBOW  PG 516	MALE PIPE TEE  PG 516
FE. PIPE TEE  PG 516	ST PIPE TEE  PG 516	FE. RUN PIPE T  PG 516	MALE PIPE TEE  PG 516	FE. PIPE TEE  PG 516	O-RING ADAPTERS PG 517-519	JIC TO O-RING  PG 517	O-RING TO PIPE  PG 517	O-RING TO 37°  PG 518
FE. O-RING  PG 518	O-RING TO FE.  PG 518	O-RING PLUG  PG 518	O-RING HLW PLG  PG 519	O-RING PORT  PG 519	FEMALE SWIVELS PG 519-521	JIC SWL ELBOW  PG 519	JIC SWL 45°  PG 519	JIC SWL TO F 90°  PG 520
JIC SWL CONN  PG 520	JIC SWL TO M  PG 520	JIC SWL TO F ADP  PG 520	JIC SWL BRANCH T  PG 520	JIC SWL RUN T  PG 521	SAE O-RING ADAPTERS PG 521-523	JIC TO ORING 90°  PG 521	JIC TO ORING 45°  PG 521	JIC BRANCH TEE  PG 520

HYDRAULICS

PICTORIAL INDEX

JIC RUN TEE  PG 521	ORING TO F 90°  PG 522	ORING TO M 90°  PG 522	ORING JIC 90°  PG 522	F TO M ORING 90°  PG 522	M ORING SWL AD  PG 523	90° ORING SWL  PG 523	45° ORING SWL  PG 523	VITON O-RING  PG 523
NITRILE O-RING  PG 523	O-RING FACE SEAL PGS 523-527	BRAZE TUBE NUT  PG 523	BRAZETUBE SLV  PG 524	CAP  PG 524	BULKHEAD LKNUT  PG 524	FACE SEAL ADPT  PG 525	PLUG  525	ORFS UNION 90°  PG 525
ORFS TO M 90°  PG 525	ORFS TO PIPE 90°  PG 525	ORFS UNION T  PG 526	M ORFS TO ORB  PG 525	M TO F 37° SWL  PG 526	SWL NUT ELBOW  PG 526	37° SWIVEL  PG 526	O-RING ELBOW  PG 526	ORFS TO 45°  PG 527
SWIVEL ELBOW  PG 527	BSPT, BSPP, METRIC PGS 527-530	JIC BSPT  PG 527	BSPT ELBOW  PG 527	HEX NIPPLE  PG 527	PLUG  PG 527	HEX NIPPLE BSPP  PG 527	COUPLING  PG 527	FEMALE SWIVEL  PG 528
ELBOW  PG 528	45° ELBOW  PG 528	MALE NIPPLE  PG 528	MALE BSPP  PG 528	SWIVEL BSPP  PG 529	PLUG BSPP  PG 529	HOLLOW BSPP  PG 529	FEMALE BSPP  PG 530	MALE ELBOW  PG 530
STRAIGHT SWIVEL  PG 530	METRIC PARALLEL  PG 530	HOLLOW  PG 530	FEMALE ADAPTER  PG 530	QUICK DISCONNECTS PGS 531-534	NO SPILL  PG 531	DRYBREAK  PG 531	ISO-A COUPLER  PG 531	ISO-A PLUG  PG 531
ISO-B COUPLER  PG 531	ISO-B PLUG  PG 532	FLUSH FACE  PG 532	FLUSH FACE  PG 532	LSQ SERIES  PG 532	LSQ SERIES  PG 533	AG SERIES  PG 533	KZE SERIES  PG 534	VALVES, FLANGES PGS 534-539
FLOW VALVE  PG 534	NEEDLE VALVE  PG 535	PRESSURE VALVE  PG 535	JIC FLANGE  PG 537	JIC FLANGE  PG 537	JIC FLANGE  PG 537	FLANGE KIT  PG 538	FLANGE KIT  PG 538	SPLIT FLANGE  PG 538

STAINLESS STEEL

PICTORIAL INDEX

 <p>PG 538</p>	 <p>PG 539</p>	 <p>PG 539</p>	 <p>PG 539</p>	<p>STAINLESS STEEL PG 543-555</p>	 <p>PG 543</p>	 <p>PG 543</p>	 <p>PG 544</p>	 <p>PG 544</p>
 <p>PG 544</p>	 <p>PG 545</p>	 <p>PG 546</p>	 <p>PG 546</p>	 <p>PG 546</p>	 <p>PG 547</p>	 <p>PG 547</p>	 <p>PG 547</p>	 <p>PG 547</p>
 <p>PG 548</p>	 <p>PG 548</p>	 <p>PG 548</p>	 <p>PG 549</p>	 <p>PG 549</p>	 <p>PG 549</p>	 <p>PG 549</p>	 <p>PG 550</p>	 <p>PG 550</p>
 <p>PG 551</p>	 <p>PG 551</p>	 <p>PG 551</p>	 <p>PG 552</p>	 <p>PG 552</p>	 <p>PG 553</p>	 <p>PG 553</p>	 <p>PG 554</p>	 <p>PG 554</p>
 <p>PG 555</p>	 <p>PG 555</p>	 <p>PG 555</p>	 <p>PG 555</p>	 <p>PG 555</p>				