

# ORFIELD UNIONS



## PRICE LIST

Prepared August 27th, 2019 at 1:49pm CDT.  
Prices valid until 9/26/2019  
Currency: USD



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Island Lake, IL 60042  
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### National Sales Headquarters

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Houston, TX 77066  
phone: 281-781-2730  
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### Rocky Mountain Sales & Service Center

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fax: 970-609-5839

### Mid-Continent Sales & Service Center

2733 Industrial Drive  
Sulphur, OK 73086  
phone: 580-247-9623  
toll free: 888-533-3722  
fax: 580-622-2058

### Canadian Sales & Service Center

8001 Edgar Industrial Ave  
Red Deer, AB T4P3S2  
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toll free:  
fax: 403-348-0873

### West Texas Sales & Service Center

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Odessa, TX 79763  
phone: 432-301-9990  
toll free:  
fax: 432-301-9991

### South Texas Sales & Service Center

1391 County Road 429  
Pleasanton, TX 78064  
phone: 210-446-5863  
toll free:  
fax: 830-569-8236

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## GENERAL INFORMATION

### **PAYMENT TERMS:**

Net 30 days

Seller reserves the right to place a service or interest charge on past due accounts at the highest rate permitted by law.

### **OTHER TERMS:**

Product prices and materials of construction are subject to change without notice.

### **FREIGHT:**

All prices apply FOB point of manufacture, Houston, Texas, or nearest available field stock.

Full freight allowed to domestic rail point or truck terminal nearest destination on shipments of 500 pounds or more.

Full freight allowed for 500 pounds or more within western Canada if shipped from our Red Deer Alberta warehouse.

### **MINIMUM ORDER:**

Minimum invoice is twenty-five dollars (\$25.00), excluding transportation and taxes.

### **NOTE:**

All assembly and part weights are approximate.

Price list is not inclusive of all oilfield unions and parts offered. Please consult sales office for complete information.

**figure 100 - 1000 psi cwp\* - 1500 psi test**  
**threaded ends      black nut / yellow subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>010200</b>	6	<b>15</b>	<b>30.94</b>
	NUT	010293	3		26.42
	MALE SUB	010201	1.4		12.90
	FEMALE SUB	010202	1.9		16.12
<b>2 1/2"</b>	<b>UNION</b>	<b>012500</b>	11.1	<b>8</b>	<b>93.24</b>
	NUT	012593	5.5		35.88
	MALE SUB	012501	2.5		31.15
	FEMALE SUB	012502	3.1		37.86
<b>3"</b>	<b>UNION</b>	<b>010300</b>	12.85	<b>6</b>	<b>82.52</b>
	NUT	010393	6.1		49.19
	MALE SUB	010301	4		40.46
	FEMALE SUB	010302	4.5		45.08
<b>4"</b>	<b>UNION</b>	<b>010400</b>	22.5	<b>3</b>	<b>116.48</b>
	NUT	010493	10.4		80.91
	MALE SUB	010401	7.3		60.37
	FEMALE SUB	010402	6.8		70.30
<b>5"</b>	<b>UNION</b>	<b>010500</b>	32.7	<b>2</b>	<b>365.04</b>
	NUT	010593	12.6		172.43
	MALE SUB	010501	9.7		203.58
	FEMALE SUB	010502	10.4		236.96
<b>6"</b>	<b>UNION</b>	<b>010600</b>	47.1	<b>1</b>	<b>325.68</b>
	NUT	010693	17.8		135.30
	MALE SUB	010601	13.2		160.16
	FEMALE SUB	010602	16.2		187.10
<b>8"</b>	<b>UNION</b>	<b>010800</b>	67.4	<b>1</b>	<b>608.61</b>
	NUT	010893	24.4		234.31
	MALE SUB	010801	19.1		251.16
	FEMALE SUB	010802	24.1		303.94

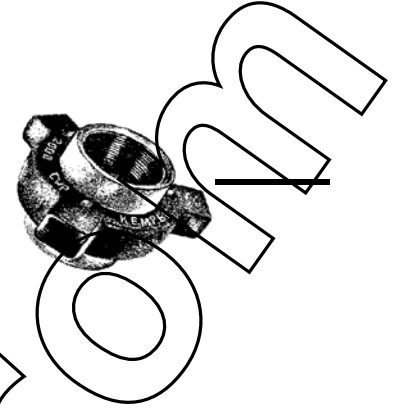
**figure 101 - 8 RND EUE - 1000 psi cwp\* - 1500 psi test**  
**union with O'Ring      beige nut / yellow subs**

<b>5"</b>	<b>UNION</b>	<b>100550</b>	37.9	<b>2</b>	<b>504.56</b>
	NUT	010593	12.6		172.43
	MALE SUB	100551	11.9		293.23
	FEMALE SUB WITH O'RING	100555	13.5		342.78
	O'RING	100594	0.2		17.21

\*cwp is cold working pressure

**figure 200 - 2000 psi cwp\* - 3000 psi test**  
**threaded ends blue nut / gray subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>020100</b>	2	<b>40</b>	<b>22.62</b>
	NUT	020193	1.1		15.13
	MALE SUB	020101	0.4		8.42
	FEMALE SUB	020102	0.5		12.53
<b>1 1/4"</b>	<b>UNION</b>	<b>021200</b>	2.5	<b>20</b>	<b>80.81</b>
	NUT	021293	1.3		44.04
	MALE SUB	021201	0.5		30.94
	FEMALE SUB	021202	0.6		40.77
<b>1 1/2"</b>	<b>UNION</b>	<b>021500</b>	3.2	<b>20</b>	<b>103.84</b>
	NUT	021593	1.7		45.34
	MALE SUB	021501	0.7		40.04
	FEMALE SUB	021502	0.865		51.27
<b>2"</b>	<b>UNION</b>	<b>020200</b>	5.6	<b>15</b>	<b>31.36</b>
	NUT	020293	3.1		30.06
	MALE SUB	020201	1.3		16.64
	FEMALE SUB	020202	1.6		21.42
<b>2 1/2"</b>	<b>UNION</b>	<b>022500</b>	10.5	<b>6</b>	<b>143.83</b>
	NUT	022593	5.8		74.20
	MALE SUB	022501	2		62.40
	FEMALE SUB	022502	2.6		90.74
<b>3"</b>	<b>UNION</b>	<b>020300</b>	14.2	<b>6</b>	<b>144.82</b>
	NUT	020393	6.7		77.22
	MALE SUB	020301	3.5		123.55
	FEMALE SUB	020302	4.1		64.01
<b>4"</b>	<b>UNION</b>	<b>020400</b>	19	<b>4</b>	<b>172.07</b>
	NUT	020493	7.4		79.20
	MALE SUB	020401	5.3		83.93
	FEMALE SUB	020402	6.3		109.88
<b>5"</b>	<b>UNION</b>	<b>020500</b>	40.2	<b>4</b>	<b>649.74</b>
	NUT	020593	17.6		292.24
	MALE SUB	020501	9.8		316.16
	FEMALE SUB	020502	12.7		344.71
<b>6"</b>	<b>UNION</b>	<b>020600</b>	47.2	<b>1</b>	<b>635.75</b>
	NUT	020693	18.3		346.11
	MALE SUB	020601	12.7		326.09
	FEMALE SUB	020602	17.2		393.07
<b>8"</b>	<b>UNION</b>	<b>020800</b>	67.7	<b>1</b>	<b>826.23</b>
	NUT	020893	22.6		443.92
	MALE SUB	020801	19.4		423.64
	FEMALE SUB	020802	25.6		509.24
<b>10"</b>	<b>UNION</b>	<b>021000</b>	94.2	<b>1</b>	<b>1,269.06</b>
	NUT	021093	33.3		688.22
	MALE SUB	021001	27.7		650.47
	FEMALE SUB	021002	33.134		935.48

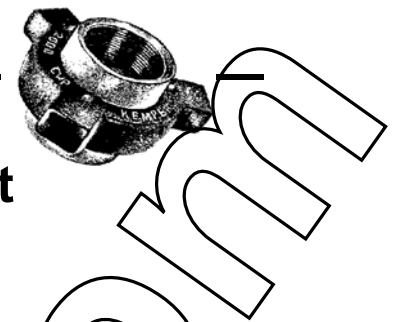


**figure 200 - 2000 psi cwp\* - 3000 psi test  
butt weld schedule 40 blue nut / gray subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>020210</b>	5.9	<b>15</b>	<b>158.55</b>
	NUT	020293	3.1		30.06
	MALE SUB	020211	1.3		92.82
	FEMALE SUB	020212	1.5		119.29
<b>2 1/2"</b>	<b>UNION</b>	<b>022510</b>	11.3	<b>6</b>	<b>473.98</b>
	NUT	022593	5.8		74.20
	MALE SUB	022511	2.3		156.42
	FEMALE SUB	022512	2.7		179.24
<b>3"</b>	<b>UNION</b>	<b>020310</b>	14.5	<b>6</b>	<b>305.34</b>
	NUT	020393	6.7		77.22
	MALE SUB	020311	3.7		143.31
	FEMALE SUB	020312	4.1		179.45
<b>4"</b>	<b>UNION</b>	<b>020410</b>	19.5	<b>4</b>	<b>429.62</b>
	NUT	020493	7.4		79.20
	MALE SUB	020411	4.7		190.89
	FEMALE SUB	020412	6.4		249.96
<b>5"</b>	<b>UNION</b>	<b>020510</b>	40.8	<b>4</b>	<b>856.18</b>
	NUT	020593	17.6		292.24
	MALE SUB	020511	10.3		472.68
	FEMALE SUB	020512	12.9		501.33
<b>6"</b>	<b>UNION</b>	<b>020610</b>	49.1	<b>1</b>	<b>899.03</b>
	NUT	020693	18.3		346.11
	MALE SUB	020611	13.9		519.79
	FEMALE SUB	020612	16.1		680.99
<b>8"</b>	<b>UNION</b>	<b>020810</b>	70.1	<b>1</b>	<b>1,153.00</b>
	NUT	020893	22.6		443.92
	MALE SUB	020811	21.3		665.08
	FEMALE SUB	020812	26.1		872.51
<b>10"</b>	<b>UNION</b>	<b>021010</b>	102.6	<b>1</b>	<b>1,787.55</b>
	NUT	021093	33.3		688.22
	MALE SUB	021011	33.6		1,031.73
	FEMALE SUB	021012	35.7		1,351.90

\*cwp is cold working pressure

2 1/2" available - Price on Request



**figure 200 - 2000 psi cwp\* - 3000 psi test  
butt weld schedule 80 blue nut / gray subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>020220</b>	6.2	<b>15</b>	<b>217.52</b>
	NUT	020293	3.1		<b>30.06</b>
	MALE SUB	020221	1.5		<b>116.38</b>
	FEMALE SUB	020222	1.6		<b>142.90</b>
<b>2 1/2"</b>	<b>UNION</b>	<b>022520</b>	11.4	<b>6</b>	<b>795.60</b>
	NUT	022593	5.8		<b>74.20</b>
	MALE SUB	022521	2.6		<b>297.44</b>
	FEMALE SUB	022522	2.9		<b>306.80</b>
<b>3"</b>	<b>UNION</b>	<b>020320</b>	15.4	<b>6</b>	<b>364.26</b>
	NUT	020393	6.7		<b>77.22</b>
	MALE SUB	020321	4.2		<b>166.87</b>
	FEMALE SUB	020322	4.5		<b>203.01</b>
<b>4"</b>	<b>UNION</b>	<b>020420</b>	21	<b>4</b>	<b>488.54</b>
	NUT	020493	7.4		<b>79.20</b>
	MALE SUB	020421	6.6		<b>214.50</b>
	FEMALE SUB	020422	7		<b>273.52</b>
<b>5"</b>	<b>UNION</b>	<b>020520</b>	44	<b>4</b>	<b>915.15</b>
	NUT	020593	17.6		<b>292.24</b>
	MALE SUB	020521	12.1		<b>496.24</b>
	FEMALE SUB	020522	14.3		<b>524.89</b>
<b>6"</b>	<b>UNION</b>	<b>020620</b>	52.9	<b>1</b>	<b>958.00</b>
	NUT	020693	18.3		<b>346.11</b>
	MALE SUB	020621	16.6		<b>543.40</b>
	FEMALE SUB	020622	18		<b>705.74</b>
<b>8"</b>	<b>UNION</b>	<b>020820</b>	77.7	<b>1</b>	<b>1,211.91</b>
	NUT	020893	22.6		<b>443.92</b>
	MALE SUB	020821	26.6		<b>688.64</b>
	FEMALE SUB	020822	29.5		<b>896.12</b>
<b>10"</b>	<b>UNION</b>	<b>021020</b>	118.3	<b>1</b>	<b>1,846.52</b>
	NUT	021093	33.3		<b>688.22</b>
	MALE SUB	021021	43		<b>1,055.34</b>
	FEMALE SUB	021022	42		<b>1,375.45</b>

2 1/2" available - Price on Request

**figure 206 - 2000 psi cwp\* - 3000 psi test**  
**union with O'Ring threaded ends blue nut / gray subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>260100</b>	1.9	<b>60</b>	<b>56.47</b>
	NUT	260193	1.1		<b>26.94</b>
	MALE SUB WITH O-RING	260104	0.55		<b>26.94</b>
	O-RING	260194	0.1		<b>5.46</b>
See Figure 200 for Female Sub Specifications and Price					
<b>1 1/4"</b>	<b>UNION</b>	<b>261200</b>	2.5	<b>20</b>	<b>115.49</b>
	NUT	261293	1.3		<b>44.46</b>
	MALE SUB WITH O-RING	261204	0.5		<b>59.07</b>
	O-RING	261294	0.1		<b>4.63</b>
<b>1 1/2"</b>	<b>UNION</b>	<b>261500</b>	3.2	<b>20</b>	<b>105.04</b>
	NUT	261593	1.7		<b>45.34</b>
	MALE SUB WITH O-RING	261504	0.75		<b>52.47</b>
	O-RING	261594	0.1		<b>4.63</b>
<b>2"</b>	<b>UNION</b>	<b>260200</b>	5.9	<b>15</b>	<b>80.13</b>
	NUT	260293	3.107		<b>30.84</b>
	MALE SUB WITH O-RING	260204	1.3		<b>40.46</b>
	O-RING	260294	0.15		<b>5.93</b>
<b>2 1/2"</b>	<b>UNION</b>	<b>262500</b>	10.4	<b>6</b>	<b>244.87</b>
	NUT	262593	5.8		<b>94.28</b>
	MALE SUB WITH O-RING	262504	2.25		<b>107.07</b>
	O-RING	262594	0.15		<b>6.14</b>
<b>3"</b>	<b>UNION</b>	<b>260300</b>	14.2	<b>6</b>	<b>159.95</b>
	NUT	260393	6.7		<b>77.22</b>
	MALE SUB WITH O-RING	260304	3.4		<b>62.30</b>
	O-RING	260394	0.2		<b>5.93</b>
<b>4"</b>	<b>UNION</b>	<b>260400</b>	18.8	<b>4</b>	<b>215.33</b>
	NUT	260493	7.4		<b>200.36</b>
	MALE SUB WITH O-RING	260404	5.2		<b>91.62</b>
	O-RING	260494	0.2		<b>5.93</b>
<b>6"</b>	<b>UNION</b>	<b>260600</b>	46.9	<b>1</b>	<b>842.45</b>
	NUT	260693	18.3		<b>324.32</b>
	MALE SUB WITH O-RING	260604	13.25		<b>337.58</b>
	O-RING	260694	0.25		<b>17.21</b>
<b>8"</b>	<b>UNION</b>	<b>260800</b>	67.2	<b>1</b>	<b>1,502.80</b>
	NUT	260893	22.6		<b>422.03</b>
	MALE SUB WITH O-RING	260804	19		-
	O-RING	260894	0.25		<b>23.71</b>
<b>10"</b>	<b>UNION</b>	<b>261000</b>	93.6	<b>1</b>	<b>1,564.52</b>
	NUT	261093	33.3		<b>826.80</b>
	MALE SUB WITH O-RING	261004	27.5		<b>675.58</b>
	O-RING	261094	0.3		<b>33.23</b>

\*cwp is cold working pressure

**2 1/2" & 5" available - Price on Request**

**figure 206 - 2000 psi cwp\* - 3000 psi test  
 union with O'Ring blue nut / gray subs  
 butt weld schedule 40**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>260210</b>	5.8	<b>15</b>	<b>186.26</b>
	NUT	260293	3.107		30.84
	MALE SUB WITH O-RING	260214	1.3		93.34
	FEMALE SUB	020212	0.5		119.29
	O-RING	260294	0.15		5.93
<b>2 1/2"</b>	<b>UNION</b>	<b>262510</b>	10.8	<b>6</b>	<b>256.78</b>
	NUT	262593	5.8		94.28
	MALE SUB WITH O-RING	262514	2.3		146.43
	FEMALE SUB	022512	2.7		179.24
	O-RING	262594	0.15		6.14
<b>3"</b>	<b>UNION</b>	<b>260310</b>	14.4	<b>6</b>	<b>328.80</b>
	NUT	260393	6.7		77.22
	MALE SUB WITH O-RING	260314	3.6		112.79
	FEMALE SUB	020312	4.1		179.45
	O-RING	260394	0.2		5.93
<b>4"</b>	<b>UNION</b>	<b>260410</b>	19.4	<b>4</b>	<b>461.50</b>
	NUT	260493	7.4		200.36
	MALE SUB WITH O-RING	260414	5.6		155.32
	FEMALE SUB	020412	6.4		249.96
	O-RING	260494	0.2		5.93
<b>6"</b>	<b>UNION</b>	<b>260610</b>	47.9	<b>1</b>	<b>1,192.36</b>
	NUT	260693	18.3		324.32
	MALE SUB WITH O-RING	260614	13.6		514.75
	FEMALE SUB	020612	16.1		680.99
	O-RING	260694	0.25		17.21
<b>8"</b>	<b>UNION</b>	<b>260810</b>	69.6	<b>1</b>	<b>1,873.25</b>
	NUT	260893	22.6		422.03
	MALE SUB WITH O-RING	260814	20.9		900.85
	FEMALE SUB	020812	26.1		872.51
	O-RING	260894	0.25		23.71
<b>10"</b>	<b>UNION</b>	<b>261010</b>	102.1	<b>1</b>	<b>2,305.32</b>
	NUT	261093	33.3		826.80
	MALE SUB WITH O-RING	261014	33.1		1,095.12
	FEMALE SUB	021012	35.7		1,351.90
	O-RING	261094	0.3		33.23

\*cwp is cold working pressure

**2 1/2" & 5" available - Price on Request**



**figure 206 - 2000 psi cwp\* - 3000 psi test**  
**union with O'Ring                      blue nut / gray subs**  
**butt weld schedule 80**

com

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>260220</b>	6.2	<b>15</b>	<b>245.18</b>
	NUT	260293	3.107		<b>30.84</b>
	MALE SUB WITH O-RING	260224	1.5		<b>116.90</b>
	FEMALE SUB	020222	1.6		<b>142.90</b>
	O-RING	260294	0.15		<b>5.93</b>
<b>2 1/2"</b>	<b>UNION</b>	<b>262520</b>	11.4	<b>6</b>	<b>315.74</b>
	NUT	262593	5.8		<b>94.28</b>
	MALE SUB WITH O-RING	262524	2.6		-
	FEMALE SUB	022522	2.9		<b>795.60</b>
	O-RING	262594	0.15		<b>6.14</b>
<b>3"</b>	<b>UNION</b>	<b>260320</b>	15.3	<b>6</b>	<b>387.76</b>
	NUT	260393	6.7		<b>77.22</b>
	MALE SUB WITH O-RING	260324	4.1		<b>157.61</b>
	FEMALE SUB	020322	4.5		<b>203.01</b>
	O-RING	260394	0.2		<b>5.93</b>
<b>4"</b>	<b>UNION</b>	<b>260420</b>	20.9	<b>4</b>	<b>520.47</b>
	NUT	260493	7.4		<b>200.36</b>
	MALE SUB WITH O-RING	260424	6.5		<b>178.88</b>
	FEMALE SUB	020422	7		<b>273.52</b>
	O-RING	260494	0.2		<b>5.93</b>
<b>6"</b>	<b>UNION</b>	<b>260620</b>	52.6	<b>1</b>	<b>1,251.33</b>
	NUT	260693	18.3		<b>324.32</b>
	MALE SUB WITH O-RING	260624	16.3		<b>538.30</b>
	FEMALE SUB	020622	18		<b>705.74</b>
	O-RING	260694	0.25		<b>17.21</b>
<b>8"</b>	<b>UNION</b>	<b>260820</b>	77.3	<b>1</b>	<b>1,932.16</b>
	NUT	260893	22.6		<b>422.03</b>
	MALE SUB WITH O-RING	260824	25.2		<b>878.23</b>
	FEMALE SUB	020822	29.5		<b>896.12</b>
	O-RING	260894	0.25		<b>23.71</b>
<b>10"</b>	<b>UNION</b>	<b>261020</b>	117.8	<b>1</b>	<b>2,364.28</b>
	NUT	261093	33.3		<b>826.80</b>
	MALE SUB WITH O-RING	261024	42.4		<b>780.21</b>
	FEMALE SUB	021022	42		<b>1,375.45</b>
	O-RING	261094	0.3		<b>33.23</b>

*2 1/2 " available - Price on Request*



**figure 201 - 8 RND EUE - 3000 psi cwp\* - 4500 psi test  
union with O-Ring gold nut / gray subs**

	PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>210250</b>	<b>5</b>	<b>270.40</b>
	NUT	022593		74.20
	MALE SUB	210251		89.23
	FEMALE SUB WITH O-RING	210255		104.10
	O'RING	2102594		1.87
<b>2 1/2"</b>	<b>UNION</b>	<b>212550</b>	<b>5</b>	<b>288.44</b>
	NUT	020393		77.22
	MALE SUB	212551		146.54
	FEMALE SUB WITH O-RING	212555		195.57
	O'RING	130394		6.60

\*POR = Price On Request

**figure 211 - 2000 psi cwp\* - 3000 psi test  
insulated union threaded end gray nut / blue sub**

<b>2"</b>	<b>UNION</b>	<b>110200</b>	<b>15</b>	<b>145.81</b>
	NUT	110293		56.11
	MALE SUB	110201		48.10
	FEMALE SUB W / SEAL RING	110205		56.11
	REPAIR KITS	110299		40.46
<b>3"</b>	<b>UNION</b>	<b>110300</b>	<b>6</b>	<b>281.11</b>
	NUT	110393		109.04
	MALE SUB	110301		92.77
	FEMALE SUB W / SEAL RING	110305		116.90
	REPAIR KITS	110399		48.88

\*cwp is cold working pressure

# figure 207 - 2000 psi cwp\* - 3000 psi test

blanking union      threaded end      blue cap / gray sub

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
3"	<b>UNION</b>	<b>270300</b>	11.8	<b>10</b>	<b>151.11</b>
	BLANKING CAP W / O-RING	270397	7.8		<b>116.17</b>
	FEMALE SUB	020302	4.1		<b>64.01</b>
	O-RING	270394	0.2		<b>5.93</b>
4"	<b>UNION</b>	<b>270400</b>	17.8	<b>6</b>	<b>223.81</b>
	BLANKING CAP W / O-RING	270497	11.7		<b>137.38</b>
	FEMALE SUB	020402	6.3		<b>109.88</b>
	O-RING	120594	-		-
6"	<b>UNION</b>	<b>270600</b>	42.4	<b>1</b>	<b>635.86</b>
	BLANKING CAP W / O-RING	270697	26.7		<b>286.42</b>
	FEMALE SUB	020602	17.2		<b>393.07</b>
	O-RING	270694	0.25		<b>16.43</b>

## butt weld schedule 40

3"	<b>UNION</b>	<b>270310</b>	12	<b>10</b>	<b>210.13</b>
	BLANKING CAP W / O-RING	270397	7.8		<b>116.17</b>
	FEMALE SUB	020312	4.1		<b>179.45</b>
	O-RING	270394	0.2		<b>5.93</b>
4"	<b>UNION</b>	<b>270410</b>	18.1	<b>6</b>	<b>279.81</b>
	BLANKING CAP W / O-RING	270497	11.7		<b>137.38</b>
	FEMALE SUB	020412	6.4		<b>249.96</b>
	O-RING	120594	0.2		<b>9.52</b>
6"	<b>UNION</b>	<b>270610</b>	42.8	<b>1</b>	<b>706.37</b>
	BLANKING CAP W / O-RING	270697	26.7		<b>286.42</b>
	FEMALE SUB	020612	16.1		<b>680.99</b>
	O-RING	270694	0.25		<b>16.43</b>

## butt weld schedule 80

3"	<b>UNION</b>	<b>270320</b>	12.3	<b>10</b>	<b>300.35</b>
	BLANKING CAP W / O-RING	270397	7.8		<b>116.17</b>
	FEMALE SUB	020322	4.5		-
	O-RING	270394	0.2		<b>5.93</b>
4"	<b>UNION</b>	<b>270420</b>	18.7	<b>6</b>	<b>306.85</b>
	BLANKING CAP W / O-RING	270497	11.7		<b>137.38</b>
	FEMALE SUB	020422	7		<b>273.52</b>
	O-RING	120594	-		-
6"	<b>UNION</b>	<b>270620</b>	44.8	<b>1</b>	<b>733.41</b>
	BLANKING CAP W / O-RING	270697	26.7		<b>286.42</b>
	FEMALE SUB	020622	18		<b>705.74</b>
	O-RING	270694	0.25		<b>16.43</b>

**figure 300 - 2000 psi cwp\* - 3000 psi test**

**union with O'Ring threaded ends gray nut / yellow subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>030100</b>	1.9	<b>15</b>	<b>46.75</b>
	NUT	030193	1.1		<b>20.54</b>
	MALE SUB	030101	0.3		<b>18.62</b>
	FEMALE SUB WITH O-RING	030105	0.4		<b>24.13</b>
	O-RING	030194	0.1		<b>5.93</b>
<b>2"</b>	<b>UNION</b>	<b>030200</b>	6.1	<b>15</b>	<b>51.06</b>
	NUT	030293	3		<b>21.84</b>
	MALE SUB	030201	1.5		<b>20.02</b>
	FEMALE SUB WITH O-RING	030205	1.7		<b>25.22</b>
	O-RING	030294	0.22		<b>6.60</b>

\*cwp is cold working pressure

**figure 400 - 4000 psi cwp\* - 6000 psi test**

**threaded ends black nut / red subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>040200</b>	10.8	<b>10</b>	<b>116.69</b>
	NUT	040293	4.8		<b>68.59</b>
	MALE SUB	040201	2.7		<b>44.77</b>
	FEMALE SUB	040202	3.2		<b>62.71</b>
<b>3"</b>	<b>UNION</b>	<b>040300</b>	18.8	<b>4</b>	<b>299.52</b>
	NUT	040393	6.6		<b>115.28</b>
	MALE SUB	040301	5.2		<b>114.09</b>
	FEMALE SUB	040302	6.9		<b>141.91</b>
<b>4"</b>	<b>UNION</b>	<b>040400</b>	30	<b>3</b>	<b>301.13</b>
	NUT	040493	10.1		<b>141.80</b>
	MALE SUB	040401	8.9		<b>183.35</b>
	FEMALE SUB	040402	11		<b>215.23</b>
<b>*6"</b>	<b>UNION</b>	<b>040600</b>	74.8	<b>1</b>	<b>2,632.81</b>
	NUT	040693	23.3		<b>1,332.55</b>
	MALE SUB	040601	23.7		<b>895.13</b>
	FEMALE SUB	040602	27.8		<b>1,013.64</b>
<b>*12"</b>	<b>UNION</b>	<b>041200</b>	167.5	<b>1</b>	<b>3,017.66</b>
	NUT	041293	56.7		<b>2,696.93</b>
	MALE SUB WITH O-RING	041204	52.2		<b>1,347.37</b>
	FEMALE SUB	041202	58.7		<b>1,598.17</b>
	O-RING	041294	0.4		<b>46.59</b>

\*12" FIG 400 - 2,500 psi cwp - 3,750 psi test

5", 8" and 10" Unions are available - P.O.R.

**butt weld schedule 80**

<b>*12"</b>	<b>UNION</b>	<b>041220</b>	208.2	<b>1</b>	<b>7,004.97</b>
	NUT	041293	56.7		<b>2,696.93</b>
	MALE SUB WITH O-RING	041224	76.3		<b>4,066.19</b>
	FEMALE SUB	041222	74.6		<b>4,823.94</b>
	O-RING	041294	0.4		<b>46.59</b>

\*12" FIG 400 BW 80 - 2,500 psi cwp - 3,750 psi test



**figure 402 - 4000 psi cwp\* - 6000 psi test**

**union with seal ring      threaded ends      black nut / black subs**

<b>2"</b>	<b>UNION</b>	<b>420200</b>	10.4	<b>10</b>	<b>155.74</b>
	NUT	420293	4.8		<b>66.82</b>
	MALE SUB	420201	2.8		<b>62.61</b>
	FEMALE SUB W/ SEAL RING	420205	3		<b>79.20</b>
	SEAL RING	620295	0.1		<b>6.97</b>

\*cwp is cold working pressure

P.O.R. = Price on Request

**figure 600 - 6000 psi cwp\* - 9000 psi test**

**union w/ bronze seat      threaded ends      black nut / silver subs**

		<b>PART NUMBER</b>	<b>WEIGHT POUNDS</b>	<b>CARTON QUANTITY</b>	<b>PRICE</b>
<b>1"</b>	<b>UNION</b>	<b>060100</b>	3.6	<b>20</b>	<b>170.35</b>
	NUT	060193	1.75		<b>80.13</b>
	MALE SUB	060101	0.7		<b>56.21</b>
	FEMALE SUB W/ BRONZE SEAT	060106	1.2		<b>101.35</b>
	BRONZE SEAT INSERT	060196	0.05		<b>37.08</b>
<b>1 1/4"</b>	<b>UNION</b>	<b>061200</b>	-	<b>10</b>	-
	NUT	061593	4.642		<b>100.83</b>
	MALE SUB	061201	-		-
	FEMALE SUB W/ BRONZE SEAT	061206	-		-
	BRONZE SEAT INSERT	061596	0.1		<b>52.31</b>
<b>1 1/2"</b>	<b>UNION</b>	<b>061500</b>	9.2	<b>10</b>	<b>244.66</b>
	NUT	061593	4.642		<b>100.83</b>
	MALE SUB	061501	2		<b>80.76</b>
	FEMALE SUB W/ BRONZE SEAT	061506	2.7		<b>135.82</b>
	BRONZE SEAT INSERT	061596	-		-
<b>2"</b>	<b>UNION</b>	<b>060200</b>	16.6	<b>7</b>	<b>269.31</b>
	NUT	060293	8.2		<b>112.16</b>
	MALE SUB	060201	3.4		<b>88.87</b>
	FEMALE SUB W/ BRONZE SEAT	060206	5.1		<b>150.54</b>
	BRONZE SEAT INSERT	060296	0.6		<b>57.20</b>
<b>4"</b>	<b>UNION</b>	<b>060400</b>	38.5	<b>2</b>	<b>786.14</b>
	NUT	060493	14		<b>231.50</b>
	MALE SUB	060401	11.5		<b>234.05</b>
	FEMALE SUB W/ BRONZE SEAT	060406	13		<b>299.05</b>
	BRONZE SEAT INSERT	060496	0.2		<b>85.50</b>

\*cwp is cold working pressure

**figure 602 - 6000 psi cwp\* - 9000 psi test**  
union w/ seal ring      threaded ends      black nut / orange subs

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>620100</b>	3.6	<b>20</b>	<b>88.04</b>
	NUT	620193	1.8		45.97
	MALE SUB	620101	0.7		29.07
	FEMALE SUB W/ SEAL RING	620105	1.1		40.04
	SEAL RING	620195	0.1		5.56
<b>1 1/4"</b>	<b>UNION</b>	<b>621200</b>	9.9	<b>10</b>	<b>185.95</b>
	NUT	621593	4.642		100.83
	MALE SUB	621201	2.4		68.22
	FEMALE SUB W/ SEAL RING	621205	2.9		99.84
	SEAL RING	621595	0.1		7.85
<b>1 1/2"</b>	<b>UNION</b>	<b>621500</b>	9.1	<b>10</b>	<b>185.95</b>
	NUT	621593	4.642		100.83
	MALE SUB	621501	2		68.22
	FEMALE SUB W/ SEAL RING	621505	2.5		99.84
	SEAL RING	621595	0.1		7.85
<b>2"</b>	<b>UNION</b>	<b>620200</b>	14.2	<b>7</b>	<b>172.64</b>
	NUT	620293	7.319		79.20
	MALE SUB	620201	2.9		63.91
	FEMALE SUB W/ SEAL RING	620205	3.9		92.56
	SEAL RING	620295	0.1		6.97
<b>3"</b>	<b>UNION</b>	<b>620300</b>	22.7	<b>4</b>	<b>299.36</b>
	NUT	620393	10.6		122.56
	MALE SUB	620301	5.2		113.88
	FEMALE SUB W/ SEAL RING	620305	6.9		146.12
	SEAL RING	620395	0.11		10.04
<b>4"</b>	<b>UNION</b>	<b>620400</b>	35.5	<b>2</b>	<b>475.59</b>
	NUT	620493	15.5		183.09
	MALE SUB	620401	8.9		179.87
	FEMALE SUB W/ SEAL RING	620405	11.1		258.96
	SEAL RING	620495	0.15		10.92

\*cwp is cold working pressure



**figure 602 - 6000 psi cwp\* - 9000 psi test  
union w/ seal ring  
butt weld schedule 80**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>620120</b>	3.6	<b>20</b>	<b>105.04</b>
	NUT	620193	1.8		45.97
	MALE SUB	620121	0.8		40.77
	FEMALE SUB W/ SEAL RING	620125	1.25		61.78
	SEAL RING	620195	0.1		5.56
<b>1 1/4"</b>	<b>UNION</b>	<b>621220</b>	9.3	<b>10</b>	<b>223.91</b>
	NUT	621593	4.642		100.83
	MALE SUB	621221	2.18		106.44
	FEMALE SUB W/ SEAL RING	621225	3		155.01
	SEAL RING	621595	0.1		7.85
<b>1 1/2"</b>	<b>UNION</b>	<b>621520</b>	9.1	<b>10</b>	<b>223.91</b>
	NUT	621593	4.642		100.83
	MALE SUB	621521	2.1		106.44
	FEMALE SUB W/ SEAL RING	621525	2.75		155.01
	SEAL RING	621595	0.1		7.85
<b>2"</b>	<b>UNION</b>	<b>620220</b>	13.9	<b>7</b>	<b>239.88</b>
	NUT	620293	7.319		79.20
	MALE SUB	620221	2.7		107.54
	FEMALE SUB W/ SEAL RING	620225	3.5		156.83
	SEAL RING	620295	0.1		6.97
<b>3"</b>	<b>UNION</b>	<b>620320</b>	22.5	<b>4</b>	<b>342.11</b>
	NUT	620393	10.6		122.56
	MALE SUB	620321	5.9		141.91
	FEMALE SUB W/ SEAL RING	620325	6.25		186.26
	SEAL RING	620395	0.11		10.04
<b>4"</b>	<b>UNION</b>	<b>620420</b>	31.5	<b>2</b>	<b>537.21</b>
	NUT	620493	15.5		183.09
	MALE SUB	620421	7.6		212.99
	FEMALE SUB W/ SEAL RING	620425	8.3		296.56
	SEAL RING	620495	0.15		10.92

\*cwp is cold working pressure

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**figure 602 - 6000 psi cwp\* - 9000 psi test  
union w/ seal ring  
butt weld schedule 160 and butt weld xxh**

	PART NUMBER AND WEIGHT (LBS.)		CARTON QTY.	PRICE
	BW 160	BW XXH		
<b>1"</b>	<b>UNION</b>	<b>620130</b> 3.7	<b>620140</b> 3.9	<b>20</b> 227.14
	NUT	620193 1.8	620193 1.8	45.97
	MALE SUB	620131 0.8	620141 0.9	90.74
	FEMALE SUB W/ S.R.	620135 1.2	620145 1.25	131.98
	SEAL RING	620195 0.1	620195 0.1	5.56
<b>1 1/2"</b>	<b>UNION</b>	<b>621530</b> 9.5	<b>621540</b> 9.9	<b>10</b> 313.14
	NUT	621593 4.642	621593 4.642	100.83
	MALE SUB	621531 2.3	621541 2.5	139.83
	FEMALE SUB W/ S.R.	621535 2.8	621545 2.75	204.31
	SEAL RING	621595 0.1	621595 0.1	7.85
<b>2"</b>	<b>UNION</b>	<b>620230</b> 14.108	<b>620240</b> 15.1	<b>7</b> 399.20
	NUT	620293 7.319	620293 7.319	79.20
	MALE SUB	620231 3.1	620241 3.4	178.57
	FEMALE SUB W/ S.R.	620235 3.7	620245 3.9	260.10
	SEAL RING	620295 0.1	620295 0.1	6.97
<b>3"</b>	<b>UNION</b>	<b>620330</b> 23.8	<b>620340</b> 24.9	<b>4</b> 552.81
	NUT	620393 10.6	620393 10.6	122.56
	MALE SUB	620331 6.7	620341 7.4	229.94
	FEMALE SUB W/ S.R.	620335 6.5	620345 6.85	301.34
	SEAL RING	620395 0.11	620395 0.11	10.04
<b>4"</b>	<b>UNION</b>	<b>620430</b> 33.8	<b>620440</b> 34.9	<b>2</b> 720.25
	NUT	620493 15.5	620493 15.5	183.09
	MALE SUB	620431 9	620441 9.7	285.12
	FEMALE SUB W/ S.R.	620435 9.3	620445 9.7	397.28
	SEAL RING	620495 0.15	620495 0.15	10.92

\*cwp is cold working pressure



**figure 1002 - 10,000 psi cwp\* - 15,000 psi test**  
union w/ seal ring      threaded ends      red nut / blue subs

	PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>120100</b>	<b>3.6</b>	<b>20</b>
	NUT	120193	1.8	74.83
	MALE SUB	120101	0.7	49.40
	FEMALE SUB W/ SEAL RING	120105	1.1	61.10
	SEAL RING	620195	0.1	5.56
<b>1 1/2"</b>	<b>UNION</b>	<b>121500</b>	<b>9.104</b>	<b>10</b>
	NUT	121593	4.6	96.67
	MALE SUB	121501	2	82.89
	FEMALE SUB W/ SEAL RING	121505	2.5	176.85
	SEAL RING	621595	0.1	7.85
<b>2"</b>	<b>UNION</b>	<b>120200</b>	<b>13.4</b>	<b>7</b>
	NUT	120293	7.4	143.10
	MALE SUB	120201	2.8	66.30
	FEMALE SUB W/ SEAL RING	120205	3.1	94.85
	SEAL RING	620295	0.1	6.97
<b>3"</b>	<b>UNION</b>	<b>120300</b>	<b>22.7</b>	<b>4</b>
	NUT	120393	10.7	168.06
	MALE SUB	120301	5.2	121.99
	FEMALE SUB W/ SEAL RING	120305	6.9	179.76
	SEAL RING	620395	0.11	10.04
<b>4"</b>	<b>UNION</b>	<b>120400</b>	<b>35.5</b>	<b>2</b>
	NUT	120493	15.6	250.54
	MALE SUB	120401	8.9	200.41
	FEMALE SUB W/ SEAL RING	120405	11	264.11
	SEAL RING	620495	0.15	10.92
<b>* 5"</b>	<b>UNION</b>	<b>120500</b>	<b>73.457</b>	<b>1</b>
	NUT	120593	26.6	660.30
	MALE SUB W/ O-RING	120504	23.3	731.48
	FEMALE SUB	120502	23.6	964.44
	O'RING	120594	0.2	9.52

\*5" fig 1002 - 5,000 psi cwp\* - 7,500 psi test

cwp is cold working pressure

**figure 1002 - 10,000 psi cwp\* - 15,000 psi test**

**union w/ seal ring**

**butt weld schedule 160 and butt weld xxh**

		PART NUMBER AND WEIGHT (LBS.)				CARTON	PRICE
		BW 160		BW XXH		QTY.	
<b>2"</b>	<b>UNION</b>	<b>120230</b>	14.2	<b>120240</b>	14.6	<b>7</b>	<b>371.64</b>
	NUT	120293	7.4	120293	7.4		<b>143.10</b>
	MALE SUB	120231	3.1	120241	3.4		<b>147.73</b>
	FEMALE SUB W/ S.R.	120235	3.6	120245	3.8		<b>214.71</b>
	SEAL RING	620295	0.1	620295	0.1		<b>6.97</b>
<b>3"</b>	<b>UNION</b>	<b>120330</b>	23.8	<b>120340</b>	24.9	<b>4</b>	<b>436.54</b>
	NUT	120393	10.7	120393	10.7		<b>168.06</b>
	MALE SUB	120331	6.7	120341	7.4		<b>168.74</b>
	FEMALE SUB W/ S.R.	120335	6.4	120345	6.8		<b>254.18</b>
	SEAL RING	620395	0.11	620395	0.11		<b>10.04</b>
<b>4"</b>	<b>UNION</b>	<b>120430</b>	34.025	<b>120440</b>	34.9	<b>2</b>	<b>650.68</b>
	NUT	120493	15.6	120493	15.6		<b>250.54</b>
	MALE SUB	120431	9	120441	9.7		<b>295.15</b>
	FEMALE SUB W/ S.R.	120435	9.2	120445	9.6		<b>381.68</b>
	SEAL RING	620495	0.15	620495	0.15		<b>10.92</b>
<b>*5"</b>	<b>UNION</b>	<b>120530</b>	55.4	<b>120540</b>	57.5	<b>1</b>	<b>1,456.05</b>
	NUT	120593	26.6	120593	26.6		<b>660.30</b>
	MALE SUB W/ O-RING	120534	14	120544	15.4		<b>487.81</b>
	FEMALE SUB	120532	14.8	120542	15.6		<b>560.56</b>
	O-RING	120594	0.2	120594	0.2		<b>9.52</b>
<b>*6"</b>	<b>UNION</b>	<b>120630</b>	90.9	<b>120640</b>	94.6	<b>1</b>	<b>1,680.80</b>
	NUT	120693	41.5	120693	41.5		<b>806.88</b>
	MALE SUB W/ O-RING	120634	22.7	120644	24.9		<b>554.68</b>
	FEMALE SUB	120632	26.7	120642	28.1		<b>647.09</b>
	O-RING	120694	0.18	120694	0.18		<b>21.01</b>

\*5" and \*6" fig 1002 - 7,500 psi cwp\* - 11,250 psi test

**combination ends**

		WEIGHT		QTY.		
<b>*5" x 4"</b>	<b>UNION 4" NPT BOTH ENDS</b>	<b>125400</b>	63.9	<b>1</b>	<b>1,699.20</b>	
	MALE SUB	125401	17.3		<b>705.85</b>	
	FEMALE 4" SC	125402	20		<b>747.92</b>	
	NUT	120593	26.6		<b>660.30</b>	
<b>*5" x 4"</b>	<b>UNION 5" 160 or XXH x 4" SC</b>	<b>125450</b>	60.6	<b>125440</b>	<b>1</b>	<b>1,648.14</b>
	MALE 5" BW 160 / XXH W/ O-RING	120534	14	120544		<b>487.81</b>
	FEMALE 4" SC	125402	20	125402		<b>747.92</b>
	NUT	120593	26.6	120593		<b>660.30</b>
<b>*4" x 5"</b>	<b>UNION 4" SC x 5" 160 or XXH</b>	<b>124560</b>	59.4	<b>124540</b>	<b>1</b>	<b>1,648.14</b>
	MALE 4" SC W/ O-RING	125401	17.3	125401		<b>705.85</b>
	FEMALE 5" BW 160 / XXH	120532	14.8	120542		<b>560.56</b>
	NUT	120593	26.6	120593		<b>660.30</b>

\*cwp is cold working pressure

**figure 1003**

**3" - 10,000 psi cwp\* - 15,000 psi test**

**4", 5", 6" - 7,500 cwp\* - 11,250 psi test**

**misaligning union w/ o'ring**

**threaded ends**

**black nut / green subs**

		PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>3"</b>	<b>UNION</b>	<b>130300</b>	46.2	<b>2</b>	<b>784.37</b>
	NUT	130393	22.6		<b>376.48</b>
	MALE SUB W/ O-RING	130304	14		<b>317.77</b>
	FEMALE SUB	130302	9.3		<b>301.96</b>
	O'RING	130394	0.2		<b>6.60</b>
<b>4"</b>	<b>UNION</b>	<b>130400</b>	76.5	<b>1</b>	<b>938.18</b>
	NUT	130493	37.7		<b>740.58</b>
	MALE SUB W/ O-RING	130404	22.8		<b>386.05</b>
	FEMALE SUB	130402	16.1		<b>361.19</b>
	O'RING	130494	0.2		<b>7.90</b>

**butt weld schedule 160 / butt weld xxh**

		PART NUMBER AND WEIGHT (LBS.)				
		BW 160		BW XXH		
<b>3"</b>	<b>UNION</b>	<b>130330</b>	48.1	<b>130340</b>	49.6	<b>902.25</b>
	NUT	130393	22.6	130393	22.6	<b>376.48</b>
	MALE SUB W/ O.R.	130334	15.8	130344	17	<b>395.77</b>
	FEMALE SUB	130332	9.4	130342	9.7	<b>354.74</b>
	O'RING	130394	0.2	130394	0.2	<b>6.60</b>
<b>4"</b>	<b>UNION</b>	<b>130430</b>	77.7	<b>130440</b>	78.7	<b>1,153.00</b>
	NUT	130493	37.7	130493	37.7	<b>740.58</b>
	MALE SUB W/O.R.	130434	23.5	130444	24.1	<b>492.13</b>
	FEMALE SUB	130432	16.4	130442	16.9	<b>446.94</b>
	O'RING	130494	0.2	130494	0.2	<b>7.90</b>
<b>5"</b>	<b>UNION</b>	<b>130530</b>	78.3	<b>130540</b>	79	<b>1,989.73</b>
	NUT	130593	37.7	130593	37.7	<b>766.06</b>
	MALE SUB W/ O.R.	130534	23.1	130544	23.5	<b>814.89</b>
	FEMALE SUB	130532	17.5	130542	17.9	<b>766.06</b>
	O'RING	130494	0.2	130494	0.2	<b>7.90</b>
<b>6"</b>	<b>UNION</b>	<b>130630</b>	-	<b>130640</b>	179.3	<b>3,580.30</b>
	NUT	130693	103	130693	103	<b>1,856.45</b>
	MALE SUB W/ O.R.	130634	-	130644	45.9	<b>1,624.48</b>
	FEMALE SUB	130632	-	130642	29	<b>1,458.76</b>
	O'RING	130694	0.25	130694	0.25	<b>7.90</b>

\*cwp is cold working pressure

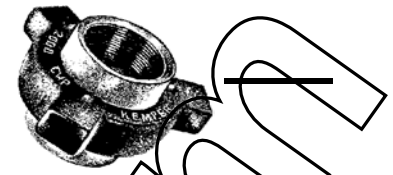
**figure 1502 - 15,000 psi cwp\* - 22,500 psi test**  
**union w/ seal ring threaded ends blue nut / red subs**

	PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>1"</b>	<b>UNION</b>	<b>150100</b>	<b>8.7</b>	<b>224.54</b>
	NUT	150193	4.6	151.22
	MALE SUB	150101	1.8	113.57
	FEMALE SUB W/ SEAL RING	150105	2.3	142.43
	SEAL RING	620195	0.1	5.56
<b>1 1/2"</b>	<b>UNION</b>	<b>151500</b>	<b>18.3</b>	<b>498.52</b>
	NUT	151593	10.4	203.58
	MALE SUB	151501	3.7	164.53
	FEMALE SUB W/ SEAL RING	151505	4.2	253.66
	SEAL RING	621595	0.1	7.85
<b>2"</b>	<b>UNION</b>	<b>150200</b>	<b>19.5</b>	<b>221.62</b>
	NUT	150293	8.9	93.11
	MALE SUB	150201	5.2	83.93
	FEMALE SUB W/ SEAL RING	150205	5.4	112.58
	SEAL RING	620295	0.1	6.97
<b>3"</b>	<b>UNION</b>	<b>150300</b>	<b>31.8</b>	<b>534.30</b>
	NUT	150393	14.3	260.00
	MALE SUB	150301	8.5	189.49
	FEMALE SUB W/ SEAL RING	150305	9	228.75
	SEAL RING	620395	0.11	10.04

**figure 1502 - 15,000 psi cwp\* - 22,500 psi test**  
**non-pressure seal union w/ seal ring**  
**blue nut / light red subs**

<b>4"</b>	<b>UNION</b>	<b>150470</b>	<b>-</b>	<b>2</b>	<b>-</b>
	NUT	150493	35.2		591.49
	MALE SUB	150471	14.9		666.74
	FEMALE SUB W/ SEAL RING	150475	10		777.87
	SEAL RING	150495	0.1		84.60

\*cwp is cold working pressure  
\* POR = Price On Request



**figure 1502 - 15,000 psi cwp\* - 22,500 psi test  
union w/ seal ring**

**butt weld schedule 160 and butt weld xxh**

	PART NUMBER AND WEIGHT (LBS.)				CARTON QTY.	PRICE	
		BW 160		BW XXH			
<b>1"</b>	<b>UNION</b>	<b>150130</b>	8.4	<b>150140</b>	8.6	<b>9</b>	<b>587.76</b>
	NUT	150193	4.6	150193	8.9		151.22
	MALE SUB	150131	1.7	150141	1.8		250.95
	FEMALE SUB W/ S.R.	150135	2.2	150145	2.2		250.95
	SEAL RING	620195	0.1	620195	0.1		5.56
<b>1 1/2"</b>	<b>UNION</b>	<b>151530</b>	18	<b>151540</b>	18.5	<b>5</b>	<b>531.08</b>
	NUT	151593	10.4	151593	10.4		203.58
	MALE SUB	151531	3.7	151541	3.9		201.60
	FEMALE SUB W/ S.R.	151535	4	151545	4.2		288.24
	SEAL RING	621595	0.1	621595	0.1		24.34
<b>2"</b>	<b>UNION</b>	<b>150230</b>	19.2	<b>150240</b>	19.9	<b>5</b>	<b>313.25</b>
	NUT	150293	8.9	150293	8.9		93.11
	MALE SUB	150231	5.1	150241	5.4		138.53
	FEMALE SUB W/ S.R.	150235	5.4	150245	5.6		184.76
	SEAL RING	620295	0.1	620295	0.1		6.97
<b>3"</b>	<b>UNION</b>	<b>150330</b>	27.6	<b>150340</b>	28.7	<b>4</b>	<b>610.01</b>
	NUT	150393	14.3	150393	14.3		260.00
	MALE SUB	150331	6.692	150341	7.5		228.75
	FEMALE SUB W/ S.R.	150335	6.5	150345	7.4		350.01
	SEAL RING	620395	0.11	620395	0.11		10.04
<b>4"</b>	<b>UNION</b>	<b>150430</b>	79.9	<b>150440</b>	83.4	<b>1</b>	<b>2,089.78</b>
	MALE SUB	150431	21.1	150441	23.1		1,109.16
	FEMALE SUB W/ S.R.	150435	20.6	150445	22		1,514.34
	NUT COMPLETE	150494	38.5	150494	38.5		1,152.79
	SEAL RING	150495	0.1	150495	0.1		84.60
	RETAINING RING	150496	-	150496	-		-
	SEGMENT RING	150497	2.9	150497	2.9		512.94
<b>5"</b>	<b>UNION</b>	<b>N/A</b>		<b>150540</b>	93.9	<b>1</b>	<b>3,602.82</b>
	NUT			150593	45.7		1,729.16
	MALE SUB			150541	24.7		1,188.93
	FEMALE SUB W/ S.R.			150545	23.6		1,582.62
	SEAL RING			150495	0.1		84.60

\*cwp is cold working pressure

**figure 2002 - 20,000 psi cwp\* - 30,000 psi test**  
**butt weld green nut / gray subs**

	PART NUMBER	WEIGHT POUNDS	CARTON QUANTITY	PRICE
<b>2"</b>	<b>UNION</b>	<b>200290</b>	<b>4</b>	<b>665.08</b>
	NUT COMPLETE	200293	12.4	301.13
	MALE SUB	200291	-	-
	FEMALE SUB W/ SEAL RING	200295	-	-
	SEAL RING	200296	0.15	125.79
	RETAINING RING	9990056	0.1	10.61
	SEGMENTED RING	999001	0.7	198.90

**figure "G" - 6000 psi cwp\* - 9000 psi test**  
**union w/ seal ring threaded ends yellow nut / silver subs**

<b>1 1/2"</b>	<b>UNION</b>	<b>G61500</b>	<b>10</b>	<b>163.23</b>
	NUT	G61593	3.1	90.84
	MALE SUB	G61501	1.5	73.53
	FEMALE SUB WITH SEAL RING	G61505	2.3	106.08
	SEAL RING	G61595	0.2	9.52
<b>2"</b>	<b>UNION</b>	<b>G60200</b>	<b>7</b>	<b>186.26</b>
	NUT	G60293	4.2	103.53
	MALE SUB	G60201	2.7	83.62
	FEMALE SUB WITH SEAL RING	G60205	4.4	131.98
	SEAL RING	G60295	0.3	12.90

**viton seals rings for H2S service**  
**(highly saturated nitrile seal rings available upon request)**

				PRICE
<b>1"</b>	<b>SEAL RING</b>	V620195	0.1	<b>44.30</b>
<b>1 1/2"</b>	SEAL RING	V621595	0.1	<b>87.05</b>
<b>2"</b>	SEAL RING	V620295	0.15	<b>75.71</b>
<b>3"</b>	SEAL RING	V620395	0.1	<b>108.58</b>
<b>4"</b>	SEAL RING	V620495	0.2	<b>176.54</b>

**viton o'rings**

<b>5"</b>	<b>O-RING</b>	V120594	0.2	<b>22.88</b>
<b>6"</b>	O-RING	V120694	0.25	<b>73.84</b>

\*cwp is cold working pressure