

PHONE (734) 721- 5330

# WOOLF AIRCRAFT PRODUCTS

FAX (734) 721-3490

(OUTSIDE DIAMETER X CENTERLINE RADIUS)

## BENDING DIE LIST 2019-11-19

www.woolfaircraft.com

<b>1/8 OD</b>	1-3/4	2-1/2	7	<b>1-5/32<sup>OD</sup></b>	4	4	5-1/4	<b>Roll Bending</b>
3/16	1-7/8	2-5/8		3-3/8	4-1/2	4-1/2	7	<b>(Pipe)</b>
1/4	1-15/16	2-7/8	<b>13/16<sup>OD</sup></b>			5-1/4	8	1 SCH
3/8	2	3	2	<b>1-3/16<sup>OD</sup></b>	<b>1-5/8<sup>OD(cont)</sup></b>	6	10	1-1/4 SCH
1/2	2-1/4	3-1/2		2-1/2	5	8	12	1-1/2 SCH
7/8	2- 5/8	3-7/8	<b>0.840 OD</b>		6	8-3/4	<b>3-3/4<sup>OD</sup></b>	
	3	4-1/2	<b>(1/2" PIPE)</b>	<b>1-1/4<sup>OD</sup></b>	8		3-3/4	<b>Blue =</b>
<b>3/16 OD</b>	4	5.625	2-1/2	1-1/4		<b>2-3/8<sup>OD</sup></b>	6	<b>Capable</b>
1/4		5-3/4		1-1/2	<b>1-3/4<sup>OD</sup></b>	<b>(2" PIPE)</b>	12	180 Deg
5/16	<b>3/8 OD</b>	8-1/2	<b>7/8 OD</b>	1-3/4	1-3/4	2-1/2		
3/8	3/8		1	1-7/8	1-7/8	3	<b>4 OD</b>	
25/64	7/16	<b>Ø.540 1/4SCH</b>	1-3/16	2	2-1/4	3-1/2	<b>(3 1/2 PIPE)</b>	
7/16	29/64	USE Ø9/16	1-1/4	2-1/4	2-1/2	4	4	
1/2	15/32		1-3/8	2-1/2	2-5/8	4-3/4	4-1/2	
9/16	1/2	<b>9/16 OD</b>	1-1/2	2-3/4	2-3/4	6	4-3/4	
19/32	9/16	3/4	1-9/16	3	3	7	6	
5/8	5/8	1	1-5/8	3-1/2	3-1/4		8	
21/32	11/16	1-1/4	1-3/4	3-5/8	3-1/2	<b>2-1/2<sup>OD</sup></b>	9	
3/4	23/32	1-3/8	2	3-3/4	3-3/4	2-1/2	10	
13/16	3/4	1-1/2	2 1/4	3-7/8	4	2-3/4	12	
29/32	7/8	2	2-1/2	4	4-3/8	3		
1	15/16	3	2-21/32	4-3/8	4-1/2	3-1/2	<b>4-1/2<sup>OD</sup></b>	
1-3/32	1		2-3/4	4-5/8	5	3-3/4	<b>(4" PIPE)</b>	
1-3/8	1-1/8	<b>5/8 OD</b>	3	5	5-1/2	4	4-1/2	
1-27/64	1-3/16	5/8	3-1/2	6	6	4.95	5-1/2	
2-1/2	1-1/4	11/16	4	7	6-3/8	5	6-3/4	
2-3/4	1-3/8	3/4	5	7-3/4	7	5-7/8	9	
3-1/8	1-13/32	7/8	5-1/2		8-1/2	6	17 (90 °)	
	1-1/2	15/16		<b>1-5/16<sup>OD</sup></b>	12	7-1/2		
<b>1/4 OD</b>	1-5/8	1	<b>1 OD</b>	<b>(1" PIPE)</b>		12	<b>5 OD</b>	
1/4	1-3/4	1-3/16	0.965	1 11/16	<b>1-7/8<sup>OD</sup></b>		5-1/4	
5/16	2	1-1/4	1	1-3/4	1-7/8	<b>2-5/8<sup>OD</sup></b>	6	
3/8	2-1/4	1- 1/2	1 3/16	2	2-1/2	2.95	7-1/2	
7/16	2-3/8	1- 3/4	1-1/4	2-1/4	3	3	8	
1/2	2-13/16	1- 7/8	1-1/2	3-1/2	4		10	
17/32	2-7/8	1-15/16	1-3/4	5		<b>2-3/4<sup>OD</sup></b>		
9/16	2 15/16	2	1-7/8		<b>1.90 OD</b>	3	<b>5-1/2<sup>OD</sup></b>	
19/32	3	2-1/4	2	<b>1-3/8<sup>OD</sup></b>	<b>(1 1/2 PIPE)</b>	4	5-1/2	
5/8	3 3/8	2-1/2	2	1-3/8	2	5-1/2	10	
43/64	4	2-5/8	2-7/8	1-1/2	2-1/4	6	11	
3/4		2-3/4	3	2		7		
25/32	<b>7/16 OD</b>	3	3-1/2	2-1/2	<b>2 OD</b>	8	<b>6 OD</b>	
13/16	9/16	3-1/2	3-1/2	3	2	17-1/8	6	
7/8	3/4	3-13/16	4	3-5/8	2-1/4		9	
15/16	27/32	3-3/4	4-1/4	4	2-1/2	<b>2-7/8<sup>OD</sup></b>	10	
1	7/8	4-1/2	5		2-7/8	<b>(2 1/2 PIPE)</b>	12	
1-1/16	1	6-1/4	6	<b>1.40 OD</b>	3	3-1/2	24 (90°)	
1-1/8	1-3/8	6-5/8		2-1/4	3-1/2	6		
1-7/32	1-1/2	7-3/16	<b>1.05 OD</b>		3-3/4	7-1/2	<b>7 OD</b>	
1-3/8	1-5/8		<b>(3/4 PIPE)</b>	<b>1-1/2<sup>OD</sup></b>	3-7/8	.	7	
1-1/2	1-3/4	<b>11/16<sup>OD</sup></b>	1.05 -160°	1-3/8	3.95	<b>3 OD</b>		
1-9/16	1-15/16	1	1-1/4 -160°	1-1/2	4	3	<b>Metric</b>	
1-5/8	2	1-1/4	1-5/8	1-5/8	4-1/2	3-1/8	42 MM	
1-3/4	2-1/4	1-7/8	2	1-3/4	4-3/4	3-1/2	<b>(1.653<sup>OD</sup>)</b>	
1-13/16	2-1/2	2	2-1/8	2	5	4	4-1/2	
1-7/8	2-5/8		2-1/2	2-1/4	6	4-1/4		
2	3-1/4	<b>3/4 OD</b>	3	2-3/8	7	4-1/2	<b>Square</b>	
2-1/2	3-1/2	3/4		2-1/2	7-1/2	5	<b>Tools</b>	
2-3/4		1	<b>1-1/16<sup>OD</sup></b>	2-3/4	8	6	<b>1" X 1"</b>	
3	<b>1/2 OD</b>	1-1/8	1-1/8	3	9	7	3	
3-1/2	5/8	1-1/4	1-1/2	3-1/2	10-1/4	8	4	
	3/4	1-1/2	1-5/8	4	14	9	<b>2.5 x2.5</b>	
<b>5/16 OD</b>	13/16	1-5/8	1-3/4	4-1/2		10-1/2	6	
5/16	7/8	1-7/8	3	4-7/8	<b>2-1/16<sup>OD</sup></b>		<b>5" X 5"</b>	
7/16	1	1-7/8		5	2-3/4	<b>3-1/8<sup>OD</sup></b>	15-1/2	
1/2	1-1/16	2	<b>1-1/8<sup>OD</sup></b>	5-3/4		4-1/2		
37/64	1-1/8	2-1/4	1-1/8	7	<b>2-1/8<sup>OD</sup></b>	6	<b>Roll</b>	
0.607	1-3/16	2-1/2	1-1/4		2-1/2		<b>Bending</b>	
5/8	1-1/4	2-5/8	1-1/2	<b>1-5/8<sup>OD</sup></b>	3 (165°)	<b>3-1/4<sup>OD</sup></b>	<b>(Tube)</b>	
3/4	1-5/16	2-3/4	1-5/8	1-5/8	4	3-1/2	3/8	
13/16	1-7/16	2 7/8	1-3/4	1-3/4	5	6-1/2	1/2	
7/8	1-1/2	3	1-7/8	1-15/16	5-1/4	10	5/8	
15/16	1-5/8	3-1/16	2	2	6		3/4	
1	1-3/4	3-1/4	2-1/4	2-1/4		<b>3-1/2<sup>OD</sup></b>	7/8	
1-5/64	1-7/8	3-3/8	2-1/2	2-13/32	<b>2-1/4<sup>OD</sup></b>	<b>(3" PIPE)</b>	1	
1-1/8	2	3-1/2	3	2-1/2	2-1/4	3-1/2	1-1/4	
1-1/4	2-1/8	4	3-1/2	2-3/4	2-1/2	3-3/4	1-1/2	
1-7/16	2-7/32	4-3/8	3 15/16	3	2-3/4	4	1-3/4	
1-1/2	2-1/4	4-7/8	4	3-1/4	3	4-1/2	2	
1-5/8	2-3/8	5-5/8		3-1/2	3-1/2	4-3/4		

# Small Metric Tooling

**6 MM**

8  
12  
20  
32

**8 MM**

20

**10 MM**

25  
30

**12 MM**

25

**13 MM**

40.5

**15 MM**

32

**18 MM**

32

**22 MM**

32  
40  
60  
120