

**Packing Cross Section :  
Coupe Transversale :**

**1/4" Robco INC.**  
Engineered solutions since 1911

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
5/8	2.0
11/16	2.2
3/4	2.4
13/16	2.6
7/8	2.7
15/16	2.9
1	3.1
1 1/16	3.3
1 1/8	3.5
1 3/16	3.7
1 1/4	3.9
1 5/16	4.1
1 3/8	4.3
1 7/16	4.5
1 1/2	4.7
1 9/16	4.9
1 5/8	5.1
1 11/16	5.3
1 3/4	5.5
1 13/16	5.7
1 7/8	5.9
1 15/16	6.1
2	6.3

**Packing Cross Section :  
Coupe Transversale :**

**1/2" Robco INC.**  
Engineered solutions since 1911

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
1 1/16	4.9
1 1/8	5.1
1 3/16	5.3
1 1/4	5.5
1 5/16	5.7
1 3/8	5.9
1 7/16	6.1
1 1/2	6.3
1 9/16	6.5
1 5/8	6.7
1 11/16	6.9
1 3/4	7.1
1 13/16	7.3
1 7/8	7.5
1 15/16	7.7
2	7.9
2 1/16	8.1
2 1/8	8.2
2 3/16	8.4
2 1/4	8.6
2 5/16	8.8
2 3/8	9.0
2 7/16	9.2
2 1/2	9.4
2 9/16	9.6
2 5/8	9.8
2 11/16	10.0
2 3/4	10.2
2 13/16	10.4
2 7/8	10.6
2 15/16	10.8
3	11.0
3 1/16	11.2
3 1/8	11.4
3 3/16	11.6
3 1/4	11.8
3 5/16	12.0
3 3/8	12.2
3 7/16	12.4
3 1/2	12.6
3 9/16	12.8
3 5/8	13.0
3 11/16	13.2
3 3/4	13.4
3 13/16	13.5
3 7/8	13.7
3 15/16	13.9
4	14.1

**Packing Cross Section :  
Coupe Transversale :**

**5/8" Robco INC.**  
Engineered solutions since 1911

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)	Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
2 1/2	9.8	5 5/16	18.7
2 9/16	10.0	5 3/8	18.8
2 5/8	10.2	5 7/16	19.0
2 11/16	10.4	5 1/2	19.2
2 3/4	10.6	5 9/16	19.4
2 13/16	10.8	5 5/8	19.6
2 7/8	11.0	5 11/16	19.8
2 15/16	11.2	5 3/4	20.0
3	11.4	5 13/16	20.2
3 1/16	11.6	5 7/8	20.4
3 1/8	11.8	5 15/16	20.6
3 3/16	12.0	6	20.8
3 1/4	12.2	6 1/16	21.0
3 5/16	12.4	6 1/8	21.2
3 3/8	12.6	6 3/16	21.4
3 7/16	12.8	6 1/4	21.6
3 1/2	13.0	6 5/16	21.8
3 9/16	13.2	6 3/8	22.0
3 5/8	13.4	6 7/16	22.2
3 11/16	13.5	6 1/2	22.4
3 3/4	13.7	6 9/16	22.6
3 13/16	13.9	6 5/8	22.8
3 7/8	14.1	6 11/16	23.0
3 15/16	14.3	6 3/4	23.2
4	14.5	6 13/16	23.4
4 1/16	14.7	6 7/8	23.6
4 1/8	14.9	6 15/16	23.8
4 3/16	15.1	7	24.0
4 1/4	15.3	7 1/16	24.2
4 5/16	15.5	7 1/8	24.3
4 3/8	15.7	7 3/16	24.5
4 7/16	15.9	7 1/4	24.7
4 1/2	16.1	7 5/16	24.9
4 9/16	16.3	7 3/8	25.1
4 5/8	16.5	7 7/16	25.3
4 11/16	16.7	7 1/2	25.5
4 3/4	16.9	7 9/16	25.7
4 13/16	17.1	7 5/8	25.9
4 7/8	17.3	7 11/16	26.1
4 15/16	17.5	7 3/4	26.3
5	17.7	7 13/16	26.5
5 1/16	17.9	7 7/8	26.7
5 1/8	18.1	7 15/16	26.9
5 3/16	18.3	8	27.1
5 1/4	18.5		

**Packing Cross Section :  
Coupe Transversale :**

**3/8" Robco INC.**  
Engineered solutions since 1911

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
13/16	3.7
7/8	3.9
15/16	4.1
1	4.3
1 1/16	4.5
1 1/8	4.7
1 3/16	4.9
1 1/4	5.1
1 5/16	5.3
1 3/8	5.5
1 7/16	5.7
1 1/2	5.9
1 9/16	6.1
1 5/8	6.3
1 11/16	6.5
1 3/4	6.7
1 13/16	6.9
1 7/8	7.1
1 15/16	7.3
2	7.5
2 1/16	7.7
2 1/8	7.9
2 3/16	8.1
2 1/4	8.2
2 5/16	8.4
2 3/8	8.6
2 7/16	8.8
2 1/2	9.0
2 9/16	9.2
2 5/8	9.4
2 11/16	9.6
2 3/4	9.8
2 13/16	10.0
2 7/8	10.2
2 15/16	10.4
3	10.6

## Packing Cross Section : Coupe Transversale :

**3/4"** **Robco** INC.  
Engineered solutions since 1911

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)	Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
3 3/8	13.0	7	24.3
3 1/2	13.4	7 1/8	24.7
3 5/8	13.7	7 1/4	25.1
3 3/4	14.1	7 3/8	25.5
3 7/8	14.5	7 1/2	25.9
4	14.9	7 5/8	26.3
4 1/8	15.3	7 3/4	26.7
4 1/4	15.7	7 7/8	27.1
4 3/8	16.1	8	27.5
4 1/2	16.5	8 1/8	27.9
4 5/8	16.9	8 1/4	28.3
4 3/4	17.3	8 3/8	28.7
4 7/8	17.7	8 1/2	29.1
5	18.1	8 5/8	29.5
5 1/8	18.5	8 3/4	29.8
5 1/4	18.8	8 7/8	30.2
5 3/8	19.2	9	30.6
5 1/2	19.6	9 1/8	31.0
5 5/8	20.0	9 1/4	31.4
5 3/4	20.4	9 3/8	31.8
5 7/8	20.8	9 1/2	32.2
6	21.2	9 5/8	32.6
6 1/8	21.6	9 3/4	33.0
6 1/4	22.0	9 7/8	33.4
6 3/8	22.4	10	33.8
6 1/2	22.8	10 1/8	34.2
6 5/8	23.2	10 1/4	34.6
6 3/4	23.6	10 3/8	35.0
6 7/8	24.0	10 1/2	35.3

**PLEASE PROCEED WITH CAUTION**

## Packing Cross Section : Coupe Transversale :

**1"** **Robco** INC.  
Engineered solutions since 1911

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)	Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
4	15.7	8 1/8	28.7
4 1/8	16.1	8 1/4	29.1
4 1/4	16.5	8 3/8	29.5
4 3/8	16.9	8 1/2	29.8
4 1/2	17.3	8 5/8	30.2
4 5/8	17.7	8 3/4	30.6
4 3/4	18.1	8 7/8	31.0
4 7/8	18.5	9	31.4
5	18.8	9 1/8	31.8
5 1/8	19.2	9 1/4	32.2
5 1/4	19.6	9 3/8	32.6
5 3/8	20.0	9 1/2	33.0
5 1/2	20.4	9 5/8	33.4
5 5/8	20.8	9 3/4	33.8
5 3/4	21.2	9 7/8	34.2
5 7/8	21.6	10	34.6
6	22.0	10 1/8	35.0
6 1/8	22.4	10 1/4	35.3
6 1/4	22.8	10 3/8	35.7
6 3/8	23.2	10 1/2	36.1
6 1/2	23.6	10 5/8	36.5
6 5/8	24.0	10 3/4	36.9
6 3/4	24.3	10 7/8	37.3
6 7/8	24.7	11	37.7
7	25.1	11 1/8	38.1
7 1/8	25.5	11 1/4	38.5
7 1/4	25.9	11 3/8	38.9
7 3/8	26.3	11 1/2	39.3
7 1/2	26.7	11 5/8	39.7
7 5/8	27.1	11 3/4	40.1
7 3/4	27.5	11 7/8	40.4
7 7/8	27.9	12	40.8
8	28.3		

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**Required Packing Length  
vs Stem Diameter  
Guide Chart**

**Tableau guide  
Longueur de garniture  
de compression requise  
vs diamètre de la tige**



[www.robco.com](http://www.robco.com)

**Packing Cross Section :  
Coupe Transversale :**



Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
4 1/8	15.7
4 1/4	16.1
4 3/8	16.5
4 1/2	16.9
4 5/8	17.3
4 3/4	17.7
4 7/8	18.1
5	18.5
5 1/8	18.8
5 1/4	19.2
5 3/8	19.6
5 1/2	20.0
5 5/8	20.4
5 3/4	20.8
5 7/8	21.2
6	21.6
6 1/8	22.0
6 1/4	22.4
6 3/8	22.8
6 1/2	23.2
6 5/8	23.6
6 3/4	24.0
6 7/8	24.3
7	24.7
7 1/8	25.1
7 1/4	25.5
7 3/8	25.9
7 1/2	26.3
7 5/8	26.7
7 3/4	27.1
7 7/8	27.5
8	27.9

Stem diameter / diamètre tige (in./po.)	Required Length / Longueur requise (in./po.)
8 1/8	28.3
8 1/4	28.7
8 3/8	29.1
8 1/2	29.5
8 5/8	29.8
8 3/4	30.2
8 7/8	30.6
9	31.0
9 1/8	31.4
9 1/4	31.8
9 3/8	32.2
9 1/2	32.6
9 5/8	33.0
9 3/4	33.4
9 7/8	33.8
10	34.2
10 1/8	34.6
10 1/4	35.0
10 3/8	35.3
10 1/2	35.7
10 5/8	36.1
10 3/4	36.5
10 7/8	36.9
11	37.3
11 1/8	37.7
11 1/4	38.1
11 3/8	38.5
11 1/2	38.9
11 5/8	39.3
11 3/4	39.7
11 7/8	40.1
12	40.4

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