

TIRE BALANCING BEADS

Application Chart by Tire

For Passenger Vehicles, Light and Medium Trucks

Tire Size	1/2 Ton	1 Ton +
Pass. vehicle/ Light Truck		
14"		
215/75R14	3 oz.	4 oz.
205/70R14	3 oz.	4 oz.
215/70R14	3 oz.	4 oz.
15"		
700R15		4 oz.
7.50R15		6 oz.
8.25R15		6 oz.
9R15		8 oz.
10R15		8 oz.
215/80R15	3 oz.	4 oz.
195/75R15	3 oz.	4 oz.
205/75R15	3 oz.	4 oz.
215/75R15	3 oz.	4 oz.
225/75R15	4 oz.	4 oz.
235/75R15	4 oz.	4 oz.
245/75R15	3 oz.	4 oz.
255/75R15	3 oz.	4 oz.
265/75R15	3 oz.	4 oz.
235/70R15	3 oz.	4 oz.
245/70R15	3 oz.	4 oz.
255/70R15	3 oz.	4 oz.
265/70R15	4 oz.	4 oz.
285/70R15	4 oz.	4 oz.
315/70R15	4 oz.	5 oz.
245/65R15	3 oz.	4 oz.
225/60R15	3 oz.	4 oz.
325/60R15	4 oz.	5 oz.
15.5"		
185/70R15.5	3 oz.	4 oz.
16"		
6.50R16		4 oz.
7.50R16		4 oz.
8.25R16		6 oz.
11R16		8 oz.
215/85R16	3 oz.	4 oz.
225/85R16	3 oz.	4 oz.
235/85R16	3 oz.	4 oz.
245/85R16	3 oz.	4 oz.
255/85R16	4 oz.	5 oz.
265/85R16	4 oz.	5 oz.
275/85R16	4 oz.	5 oz.
205/80R16	3 oz.	4 oz.
325/80R16	4 oz.	6 oz.
175/75R16	3 oz.	4 oz.
195/75R16	3 oz.	4 oz.
225/75R16	3 oz.	4 oz.
235/75R16	3 oz.	4 oz.
245/75R16	3 oz.	4 oz.
265/75R16	4 oz.	6 oz.
285/75R16	4 oz.	6 oz.

295/75R16	4 oz.	6 oz.
315/75R16	4 oz.	6 oz.
215/70R16	3 oz.	4 oz.
225/70R16	3 oz.	4 oz.
235/70R16	3 oz.	4 oz.
245/70R16	3 oz.	4 oz.
255/70R16	3 oz.	4 oz.
265/70R16	3 oz.	4 oz.
275/70R16	3 oz.	4 oz.
305/70R16	3 oz.	4 oz.
315/70R16	4 oz.	6 oz.
355/70R16	5 oz.	6 oz.
365/70R16	5 oz.	6 oz.
395/70R16	5 oz.	6 oz.
195/65R16	3 oz.	4 oz.
215/65R16	3 oz.	4 oz.
225/65R16	3 oz.	4 oz.
245/65R16	3 oz.	4 oz.
255/65R16	3 oz.	4 oz.
305/65R16	3 oz.	4 oz.
345/65R16	5 oz.	6 oz.
375/65R16	5 oz.	6 oz.
215/60R16	3 oz.	4 oz.
225/60R16	3 oz.	4 oz.
235/60R16	3 oz.	4 oz.
285/60R16	3 oz.	4 oz.
255/55R16	3 oz.	4 oz.
315/55R16	3 oz.	4 oz.
345/55R16	3 oz.	5 oz.
355/55R16	3 oz.	5 oz.
375/55R16	4 oz.	6 oz.
245/50R16	3 oz.	4 oz.
16.5"		
8R16.5	5 oz.	5 oz.
8.75R16.5	6 oz.	6 oz.
9.5R16.5	6 oz.	6 oz.
10R16.5	6 oz.	6 oz.
12R16.5	8 oz.	8 oz.
17"		
235/80R17	6 oz.	6 oz.
235/75R17	6 oz.	6 oz.
245/75R17	6 oz.	6 oz.
255/75R17	6 oz.	6 oz.
285/75R17	6 oz.	8 oz.
245/70R17	4 oz.	6 oz.
255/70R17	4 oz.	6 oz.
265/70R17	6 oz.	6 oz.
275/70R17	6 oz.	6 oz.
285/70R17	6 oz.	6 oz.

305/70R17	6 oz.	8 oz.
315/70R17	6 oz.	8 oz.
355/70R17	6 oz.	8 oz.
225/65R17	3 oz.	4 oz.
235/65R17	3 oz.	4 oz.
245/65R17	3 oz.	4 oz.
255/65R17	3 oz.	5 oz.
265/65R17	4 oz.	6 oz.
305/65R17	4 oz.	6 oz.
375/65R17	6 oz.	8 oz.
225/60R17	3 oz.	4 oz.
235/60R17	3 oz.	4 oz.
255/60R17	4 oz.	6 oz.
275/60R17	4 oz.	6 oz.
285/60R17	4 oz.	6 oz.
225/55R17	3 oz.	4 oz.
255/55R17	3 oz.	4 oz.
275/55R17	3 oz.	5 oz.
345/55R17	3 oz.	5 oz.
255/50R17	3 oz.	4 oz.
17.5"		
8R17.5	5 oz.	5 oz.
8.5R17.5	6 oz.	6 oz.
9R17.5	6 oz.	6 oz.
9.5R17.5	8 oz.	8 oz.
10R17.5	8 oz.	8 oz.
11R17.5	8 oz.	8 oz.
225/90R17.5	8 oz.	8 oz.
205/80R17.5	8 oz.	8 oz.
225/80R17.5	8 oz.	8 oz.
205/75R17.5	6 oz.	6 oz.
215/75R17.5	6 oz.	6 oz.
225/75R17.5	6 oz.	6 oz.
235/75R17.5	6 oz.	6 oz.
245/75R17.5	6 oz.	6 oz.
195/70R17.5	6 oz.	6 oz.
215/70R17.5	6 oz.	6 oz.
235/70R17.5	6 oz.	6 oz.
195/60R17.5	6 oz.	6 oz.
205/60R17.5	6 oz.	6 oz.
225/60R17.5	6 oz.	6 oz.
18"		
7.50R18	8 oz.	8 oz.
255/70R18	3 oz.	5 oz.
265/70R18	3 oz.	5 oz.
275/70R18	4 oz.	6 oz.
275/65R18	4 oz.	6 oz.
285/65R18	4 oz.	6 oz.
325/65R18	4 oz.	6 oz.

355/65R18	4 oz.	6 oz.
395/65R18	6 oz.	8 oz.
245/60R18	3 oz.	4 oz.
255/60R18	3 oz.	5 oz.
265/60R18	3 oz.	5 oz.
275/60R18	4 oz.	6 oz.
285/60R18	4 oz.	6 oz.
325/60R18	4 oz.	6 oz.
375/60R18	6 oz.	8 oz.
395/60R18	6 oz.	8 oz.
255/55R18	3 oz.	4 oz.
275/55R18	3 oz.	4 oz.
285/55R18	3 oz.	4 oz.
285/50R18	3 oz.	4 oz.
375/50R18	4 oz.	6 oz.
19"		
255/55R19	3 oz.	4 oz.
255/50R19	3 oz.	4 oz.
275/45R19	3 oz.	4 oz.
285/45R19	3 oz.	4 oz.
20"		
325/75R20	6 oz.	8 oz.
275/65R20	4 oz.	6 oz.
275/60R20	4 oz.	6 oz.
325/60R20	4 oz.	6 oz.
355/60R20	5 oz.	6 oz.
275/55R20	3 oz.	4 oz.
285/55R20	3 oz.	4 oz.
255/50R20	3 oz.	4 oz.
285/50R20	3 oz.	4 oz.
305/50R20	4 oz.	6 oz.
325/50R20	4 oz.	6 oz.
355/50R20	4 oz.	6 oz.
325/45R20	4 oz.	6 oz.
275/40R20	4 oz.	6 oz.
315/35R20	4 oz.	6 oz.
22"		
325/55R22	5 oz.	6 oz.
335/55R22	5 oz.	6 oz.
325/50R22	4 oz.	6 oz.
305/45R22	4 oz.	6 oz.
305/40R22	4 oz.	6 oz.
385/35R22	3 oz.	5 oz.
24"		
325/45R24	4 oz.	6 oz.

* Sizes can be combined to suit application needs

* Always refer to application charts

TIRE BALANCING BEADS

Application Chart by Tire

For Light, Medium and Heavy Trucks

Tire Size	Single	Dual													
Off-Road/ Deep Thread Tires															
14"			37/12.5OR16.5	8 oz.		12.0OR20	12 oz.	14 oz.	315/70R22.5	10 oz.	12 oz.				
27/8.5OR14	3 oz.		33/14.5OR16.5	8 oz.		12.5R20	12 oz.	14 oz.	365/70R22.5	12 oz.					
15"			35/14.5OR16.5	8 oz.		13/8OR20	12 oz.	14 oz.	365/65R22.5	12 oz.					
29/9.5OR15	4 oz.		38/15.5OR16.5	10 oz.		14/8OR20	12 oz.	14 oz.	385/65R22.5	12 oz.					
30/9.5OR15	4 oz.		33/16.5OR16.5	8 oz.		14.0OR20	16 oz.	16 oz.	425/65R22.5	14 oz.					
33/9.5OR15	6 oz.		36/16.5OR16.5	10 oz.		365/8OR20	16 oz.	16 oz.	445/65R22.5	16 oz.					
31/10.5OR15	4 oz.		40/17B16.5	10 oz.		395/8OR20	16 oz.	16 oz.	285/60R22.5	10 oz.					
33/10.5OR15	6 oz.		44/18.5OB16.5	12 oz.		20.5"			295/60R22.5	10 oz.					
31/11.5OR15	4 oz.		17"			525/65R20.5	20 oz.		305/60R22.5	10 oz.					
32/11.5OR15	6 oz.		33/12.5OR17	6 oz.		615/65R20.5	20 oz.		315/60R22.5	10 oz.					
31/12.5OR15	5 oz.		35/12.5OR17	6 oz.		22"			385/55R22.5	12 oz.					
32/12.5OR15	6 oz.		37/12.5OR17	8 oz.		10.0OR22	12 oz.		455/55R22.5	16 oz.					
33/12.5OR15	6 oz.		37/13.5OR17	10 oz.		11.0OR22	12 oz.		275/50R22.5	10 oz.	12 oz.				
35/12.5OR15	6 oz.		40/13.5OR17	10 oz.		22.5"			445/50R22.5	16 oz.					
36/12.5OR15	8 oz.		18"			9R22.5	8 oz.	10 oz.	24"						
37/12.5OR15	8 oz.		35/12.5OR18	6 oz.		10R22.5	8 oz.	10 oz.	11.0OR24	14 oz.					
35/13.5OR15	8 oz.		37/12.5OR18	8 oz.		11R22.5	10 oz.	12 oz.	12.0OR24	14 oz.					
31/14.5OR15	6 oz.		20"			12R22.5	12 oz.	14 oz.	14.0OR24	16 oz.					
33/14.5OR15	8 oz.		35/12.5OR20	6 oz.		13R22.5	12 oz.		445/70R24	16 oz.					
36/14.5OR15	10 oz.		37/12.5OR20	8 oz.		15R22.5	12 oz.		495/70R24	16 oz.					
38/15.5OR15	10 oz.		Medium Trucks			16R22.5	14 oz.		24.5"						
33/16.5OR15	8 oz.		19.5"			16.5R22.5	14 oz.		11R24.5	10 oz.	12 oz.				
36/16.5OR15	10 oz.		8R19.5	6 oz.	8 oz.	18R22.5	16 oz.		12R24.5	14 oz.	14 oz.				
40/17B15	10 oz.		9R19.5	6 oz.	8 oz.	235/80R22.5	6 oz.	8 oz.	285/75R24.5	10 oz.	12 oz.				
44/18.5OB15	12 oz.		18R19.5	14 oz.		255/80R22.5	8 oz.	10 oz.	305/75R24.5	10 oz.	12 oz.				
16"			280/75R19.5	8 oz.		275/80R22.5	10 oz.	12 oz.	315/75R24.5	10 oz.	12 oz.				
32/9.5OR16	6 oz.		285/75R19.5	8 oz.		295/80R22.5	12 oz.	14 oz.	275/80R24.5	10 oz.	12 oz.				
35/10.5OR16	6 oz.		225/70R19.5	6 oz.	8 oz.	315/80R22.5	14 oz.		295/80R24.5	10 oz.	12 oz.				
31/12.5OR16	6 oz.		245/70R19.5	6 oz.	8 oz.	365/80R22.5	14 oz.		*Sizes can be combined to suit application needs						
32/12.5OR16	6 oz.		265/70R19.5	8 oz.	8 oz.	245/75R22.5	8 oz.	10 oz.	*Always refer to application charts						
33/12.5OR16	6 oz.		275/70R19.5	8 oz.	10 oz.	265/75R22.5	8 oz.	10 oz.							
34/12.5OR16	6 oz.		285/70R19.5	8 oz.	10 oz.	285/75R22.5	10 oz.	12 oz.							
35/12.5OR16	6 oz.		305/70R19.5	10 oz.	12 oz.	295/75R22.5	10 oz.	12 oz.							
36/12.5OR16	8 oz.		385/65R19.5	12 oz.	14 oz.	315/75R22.5	12 oz.								
37/12.5OR16	8 oz.		445/65R19.5	14 oz.		345/75R22.5	12 oz.								
33/14.5OR16	8 oz.		20"			350/75R22.5	14 oz.								
36/14.5OR16	10 oz.		7.5OR20	8 oz.	10 oz.	235/70R22.5	6 oz.	8 oz.							
38/15.5OR16	10 oz.		8.25R20	8 oz.	10 oz.	255/70R22.5	8 oz.	10 oz.							
16.5"			9.0OR20	10 oz.	12 oz.	11/70R22.5	8 oz.	10 oz.							
31/10.5OR16.5	4 oz.		10.0OR20	10 oz.	12 oz.	265/70R22.5	8 oz.	10 oz.							
33/12.5OR16.5	6 oz.		11.0OR20	12 oz.	14 oz.	275/70R22.5	10 oz.	12 oz.							
35/12.5OR16.5	6 oz.														

*Sizes can be combined to suit application needs
*Always refer to application charts

To achieve maximum results it is important to use the proper package size for each tire. As a rule of thumb, the amount of balancing beads required per tire is based on one ounce per thirteen pounds of tire. If you are not using an applicator and pouring the contents of the bag directly into the tire it is imperative that none of the contents of the bag ends up on the bead seating area of the tire and rim. If you are using the throw-in bag, open and discard outside bag only and throw clear inner bag containing the beads directly inside tire cavity. Würth Canada Limited does not accept any responsibility for air loss or tire damage due to improper installation or air check. In order to reduce the possibility of valve leaks, the use of a long valve core or valve core filter and a metal valve cap is recommended.

TIRE BALANCING BEADS

Weight	Tire Width - FRONT
1 oz.	80 - 120mm
2 oz.	80 - 120 mm w/spoked wheels
2 oz.	80 - 120 mm (BMW Telelever only)
2 oz.	130 mm

Weight	Tire Width - REAR
2 oz.	130 - 240 mm
3 oz.	250 - 360 mm
3 oz.	195 - 205 mm car tires on the rear

Weight	Dual Purpose / Off Road with Rim Lock
	Tire Width - FRONT
2 oz.	80 - 120mm
	Tire Width - REAR
3 oz.	130 - 230mm

Weight	Scooters
1 oz.	10" diameter wheels
2 oz.	12" & Up diameter wheels



Motorcycle Application Chart

Use:

- Always Refer to the application chart
- 1 oz., 2 oz. & 3 oz. are not drop in bags. They must be opened before installation or poured into the tire during mounting.

Weight	Art. No.
1 oz.	822.016301 ■
2 oz.	822.016302 ■

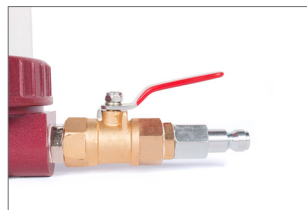
*Sizes can be combined to suit application needs

*Always refer to application charts

*For thin tires with wire spokes & tube - Please add an additional 1 oz.

NEW

BALANCING BEADS INJECTOR TOOL



Art. No. 822.0200

Offers a fast and easy way to inject Würth balancing beads into vehicle tires through the valve stem.

Features:

- Attaches to air shop supply
- 3ft braided hose
- Quality tested manufacture approved equipment
- Rated for 150PSI

Benefits:

- Fast and easy way to inject beads
- Allows injection without tire/wheel dismount
- Balances a wheel in under 3 minutes



Note: Always wear safety goggles and follow instructions