



# **PRODUCT CATALOG**

**No1** OEM WEIGHT  
IN THE WORLD  
[www.hofmann-powerweight.com](http://www.hofmann-powerweight.com)

# TABLE OF CONTENTS

**THE BRAND** // 2

**THE PROMISE** // 4

**THE IMPORTANCE OF BALANCING** // 6

    THE SIX OPTIONS FOR BALANCING // 8

**PASSENGER CAR WEIGHTS** // 9

    KNOCK-ON WEIGHTS // 9

    TWO-PIECE WEIGHTS // 13

    ADHESIVE WEIGHTS // 15

**HEAVY-DUTY WEIGHTS** // 20

    TRADITIONAL WEIGHTS // 21

    BALANCING COMPOUND // 22

**MOTORCYCLE WEIGHTS** // 24

    ADHESIVE WEIGHTS // 25

**TOOLS & ACCESSORIES** // 26

**PART NUMBER INDEX** // 29

## LEGEND

<b>Zn</b> ZINC	 ALUMINUM RIM	 PASSENGER CAR	 COATED
<b>Pb</b> LEAD	 STEEL RIM	 MOTORCYCLE	 SPEEDLINER®
<b>Fe</b> STEEL		 LIGHT TRUCK	 OEM PRODUCT
<b>PP</b> POLY		 TRUCK	

# MILESTONES OF A SUCCESS STORY

WITH A TRADITION OF INNOVATION AND WORLD MARKET LEADERSHIP

# THE BRAND

## 1931 ESTABLISHING THE COMPANY



In 1920, as a chief engineer for agricultural machinery, Dionys Hofmann Senior began to develop balancing machines and founded his

first company in 1931 in Germany. In 1933, Dionys needed more space to accommodate his growing business and he acquired a larger premise along with his brother Roman. The company, named Dionys Hofmann, was later relocated to Genkingen, Germany. By a lucky coincidence, in 1947 there were several vacant textile companies in Onstmettingen (today known as Albstadt) that were available for rent so the company moved again and started the production of balancing machines on a larger scale. As production grew into mass production, Dionys was facing a new challenge; the need to acquire raw materials such as steel and iron, both of which were becoming harder to find during this time. By working together with many partners to gain supplies, the company was able to flourish and mass production of machines was possible. The company was able to employ many people and enjoyed great success in its early formation.



The early days in the foundry

## 1949 FIRST PRODUCTION OF WEIGHTS

A need was realized for something simple and easy to aid in the balancing process of wheels. After the completion of several hand molds made of plaster, Dionys collected lead scrap bullets from the local gun club to use for raw material – thus the first European lead wheel weights were born. Because money was tight during the early years, the path to the first wheel weight production building was hard work. After closing time, the workforce worked at night to dig the groundwork for a new facility with pick and shovel. Those individuals laid the foundation of a commitment to hard work, which is still seen in our workforce today.

## 1951 WORLD RECORD BY WILHELM HERZ

In 1951 there was an unforgettable day for Dionys Hofmann and his workforce: motorcycle racer Wilhelm Herz personally came to Onstmettingen to balance his wheels at the Dionys Hofmann facility. The long travel trip for Wilhelm payed off, as with his perfectly balanced wheels he went on to set a new world speed record. On the motorway Munich in Ingolstadt, he reached 177 mph. The Hofmann wheel weights had passed their first test with flying colors.



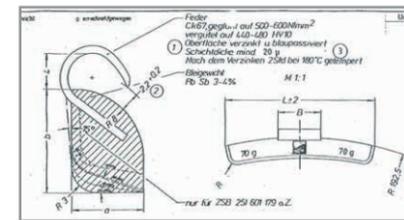
Wilhelm Herz



Production building Albstadt



Wilhelm Herz with his motorcycle



Technical drawing of a knock-on weight

## 1965 CASTING BY HAND

The business flourished in the following years. In 1965, more than 60 workers were employed in the wheel weight foundry, each of them producing about 2,500 wheel weights per day.



Early casting by hand



Brand headquarters in Veitshöchheim

## 2011 EXCLUSIVE SUPPLIER OF FORMULA 1 CLASS

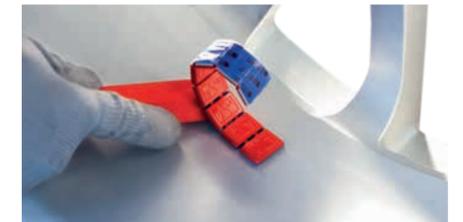
Beginning with the 2011 race season, HOFMANN POWER WEIGHT became the proud supplier of Formula 1 class vehicles. As a partner and supplier of balance weights for all types of motorsports, race teams and drivers are able to benefit from the use of our innovative balance products under extreme conditions. Features like the quick and easy application and strong adhesion of our products play a crucial role in motorsports. Our engineers work closely with many racing teams and motorsport professionals, oriented towards delivering innovative products to the individual customers needs, with a focus on high precision and safety in any condition. The technical knowledge we gain through these development processes is directly transferred into series production, so every driver always starts off with the most innovative and safest weights on their own personal vehicle.



Development of the first zinc knock-on weights



Exclusive supplier of Formula 1 class



SPEEDLINER® Tape

1931

Company is founded

1949

Production of the first weights

1951

Wilhelm Herz sets world record with balancing weights from HOFMANN POWER WEIGHT

1960

Production of the first two-piece for MERCEDES-BENZ

1965

Development and production of the first adhesive weight for PORSCHE

1978

Development of knock-on weights for AUDI and VOLKSWAGEN

2001

Development of the first zinc-balancing weights on the basis of the EU ELV Directive

2006

To be prepared for the future, a new and modern production site in Veitshöchheim is opened

2011

Exclusive supplier of the Formula 1 class

2012

Introduction of the SPEEDLINER® tape

2013

Introduction of the brand to the North American market

# FOR EVERY WHEEL... THE PROPER FITTING WHEEL WEIGHT

## HOFMANN POWER WEIGHT OFFERS A WIDE RANGE OF WHEEL BALANCING WEIGHTS

Whether as a partner in the OEM space or as a supplier in the aftermarket, each customer benefits from the full expertise of the market leader HOFMANN POWER WEIGHT.

### MAXIMUM ADHESIVE STRENGTH

All of our high-performance OEM adhesive tapes provide an adhesive strength of minimum 43 lbf/in<sup>2</sup> guaranteed. Furthermore, all HPW tapes resist to an ambient temperature test from - 40°F to + 480°F [used in motorsport with up to + 1200 °F ambient temperature].



### PROVEN CLIP RETENTION

With the wide range of weight types and sizes available, the best fit for most rims can be assured. In addition, the extra-strong clips meet OEM requirements and provide a secure fit in all driving situations.

### PREMIUM COATING & HIGHEST CORROSION PROTECTION

Coated balancing weights help preserve rims from damage due to contact corrosion. The high-quality OEM coating from HPW protects the weight optimally against environmental influences, even under extreme conditions. See comparison coated/uncoated weights in self-test on the right side.

To ensure this high level of quality, our wheel balance weights are subjected to consistent interval OEM style salt spray testing.



**COATED WEIGHTS:**  
Sealed epoxy finish. The result: no oxidation of surface.



**UNCOATED WEIGHTS:**  
Contact corrosion of surface

### COMPARISON COATING



**UNCOATED WEIGHT:**  
Can develop corrosion.



**COATED WEIGHT:**  
Helps prevent corrosion.

### REASON FOR CONTACT CORROSION:

Electric charge of various materials

- Al - 1.69      ■ Zn - 0.76      ■ Fe - 0.44
- Pb - 0.13     ■ Cu + 0.35     ■ Au + 1.38

The more electronegative charged material is attacked by the lower one.

### TIME-TESTED PARTNER

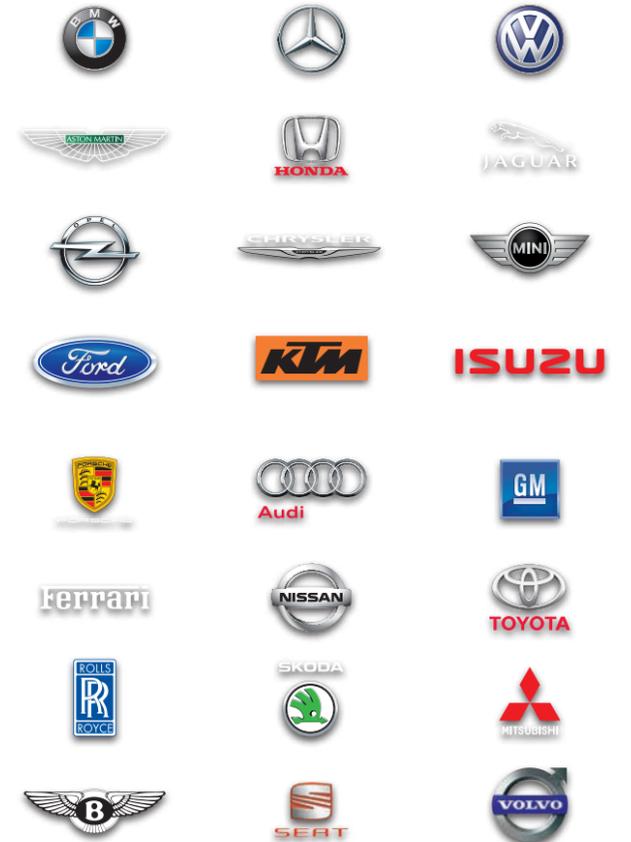
We have been servicing the automotive industry for over half a century. As a developing partner for major OEMs, the rigid and comprehensive standards toward quality and product development that are demanded are simply a part of our DNA.

All HOFMANN manufacturing locations are certified according to ISO/TS-16949, ISO-14001, and are FORD Q1 certified, as well as publically acknowledged for their quality and excellence by our global customer base.

### PERFORMANCE GENERATING STANDARDS

Our success speaks for itself – nearly every major automotive manufacturer (OEM) in the world relies on HOFMANN POWER WEIGHT balancing weights.

The comprehensive product range, the on-site support and short delivery provide a reliable basis for partnership with “global players”. With billions of pieces sold, our product consistently convinces our customers daily of our continual commitment to excellence.



**No.1 OEM WEIGHT  
IN THE WORLD**

[www.hofmann-powerweight.com](http://www.hofmann-powerweight.com)

**THE PROMISE**

# ROAD OR TRACK... BALANCE IS THE KEY



## MORE SAFETY

Optimum function of ABS and shorter braking distances



## LESS WEAR

Reduced stress of tire and wheel suspension



## MORE COMFORT

No vibrations on the steering wheel and in the interior

# THE IMPORTANCE OF BALANCE

At a speed of more than 60 mph, the centrifugal force of a 0.25 oz imbalance is equal to that of a sledge hammer. Double this speed and the forces involved quadruple. Vehicles with poorly balanced wheels can become dangerous:

- More stress on wheel suspension components and bearing points
- Noticeable vibrations on the steering wheel and in the interior
- Body subjected to greater physical stress
- Increased brake wear
- Increased heel and toe wear on tires
- Braking distance increases

## TYPES OF IMBALANCE

Two different types of imbalance can be found on a wheel:



**STATIC IMBALANCE:**  
The wheel has a tendency to jump.



**DYNAMIC IMBALANCE:**  
The wheel has a tendency to wobble.

## CORRECTING IMBALANCE ON TIRES AND RIMS



### 1. BALANCING

The imbalance of the tire and rim is measured by the balancing machine and the problem is corrected using HOFMANN POWER WEIGHT balance weights.

### 2. MATCHING

This workshop procedure involves rotating the tire on the rim until the sources of imbalance on the rim and tire are opposite each other. The residual imbalance is compensated with HOFMANN POWER WEIGHT balance weights.

### 3. RIDE PERFORMANCE OPTIMIZATION

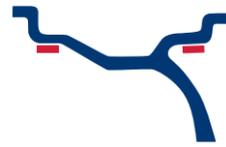
Variations in uniformity, like a form defect of the rim, can only be compensated by matching them to force variations in the tire. Ride performance optimization involves placing the heavy and hard area of the tire opposite the highest area of the rim. The residual imbalance is compensated with HOFMANN POWER WEIGHT balance weights. Large variations in uniformity cannot be compensated by balancing.

# THE SIX OPTIONS FOR BALANCING

## PASSENGER CAR KNOCK-ON WEIGHTS



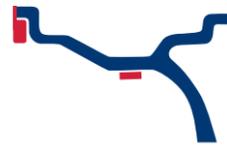
**1.** Balancing using knock-on or two-piece weights for both planes. This method requires the least mass for balancing.



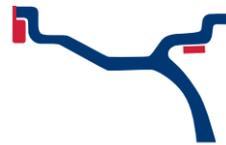
**2.** Balancing using adhesive weights for both planes. The weights are applied to the interior and exterior rim spacer areas.



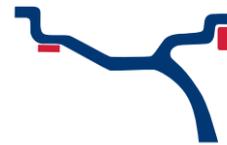
**3.** Both adhesive weights are applied to the interior rim spacer area.



**4.** On wheels without an outside rim flange, which is most common on modern style wheels, it is best to add a knock-on or two-piece weight to the inner rim flange and an adhesive weight to the inner rim spacer area.



**5.** An adhesive weight is used on the outer rim spacer area. A knock-on or two-piece weight is applied to the inner rim flange.



**6.** A knock-on or two-piece weight is applied to the outer rim flange. An adhesive weight is used on the inner rim spacer area.



## PREMIUM PERFORMANCE - ALWAYS

Premium knock-on wheel balance weights from Hofmann Power Weight are used by more Original Equipment (OE) manufacturers than any other wheel weight available in the world. They choose HPW because quality is important and our knock-on weights are time-tested and customer-proven.

### INSTALLATION OF KNOCK-ON WEIGHTS



#### SELECTION OF THE RIGHT WEIGHT

Prior to installation, select the appropriate weight from the HOFMANN POWER WEIGHT range on the basis of the rim shape. The choice is determined by the rim design. The rim flange thickness varies between rim materials (steel rim/aluminum rim) and different rolling processes are used.

Put the weight beside the rim flange before installation to check the shape.



#### POSITIONING THE WEIGHT

Put the weight to the calculated place. Before knocking the weight on the rim, make sure that the clip is correctly touching the rim flange.



#### APPLYING THE WEIGHT

After positioning of the weight, apply it with an adequate tool (such as mounting pliers or hammer).

To install the weights, no more than two forceful knocks should be used. A higher number of knocks can damage the coating of the weights.



#### CHECKING THE PROPER INSTALLATION

After application, make sure that the weight is securely fitted.

# PREMIUM ZINC KNOCK-ON WEIGHTS



## PZ-SERIES

The most common weight for steel wheels. Will fit standard-width rim flange thickness passenger car steel wheels with 13"-17" wheel size. Also available uncoated (PZU-Series).

**Weight sizes available:** 0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00 oz.

**Packaging units:** 25 pieces/box



## AWZ-SERIES

Used on domestic vehicles equipped with alloy rims that were manufactured prior to 1995.

**Weight sizes available:** 0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00 oz.

**Packaging units:** 25 pieces/box



## MCZ-SERIES

Used on most domestic vehicles equipped with alloy rims. The MCZ-Series is the most sold & installed zinc series wheel weight for alloy rims.

**Weight sizes available:** 0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00 oz.

**Packaging units:** 25 pieces/box



## LHZ-SERIES

Used on Chrysler vehicles and is designed to fit their unique alloy rim flange.

**Weight sizes available:** 0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00 oz.

**Packaging units:** 25 pieces/box

## IAWZ-SERIES

Used on many new Ford models, on most European vehicles and certain Asian vehicles equipped with alloy wheels.

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60g

**Packaging units:** 25 pieces/box



## ENZ-SERIES

Used on Audi, Mercedes-Benz, Volkswagen and very early-model Japanese vehicles equipped with alloy wheels.

**Weight sizes available:** 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60g

**Packaging units:** 25 pieces/box



## FNZ-SERIES

Used on most Japanese vehicles equipped with alloy wheels.

**Weight sizes available:** 5, 7.5, 10, 12.5, 15, 17.5, 20, 22.5, 25, 27.5, 30, 32.5, 35, 37.5, 40, 45, 50, 55, 60g

**Packaging units:** 25 pieces/box



## TZ-SERIES

Used on most domestic light trucks equipped with decorative and larger thickness steel wheels and most light-trucks equipped with alloy wheels.

**Weight sizes available:** 0.25, 0.50, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00 oz.

**Packaging units:** 25 pieces/box



# SPECIALTY KNOCK-ON WEIGHTS

# PASSENGER CAR TWO-PIECE WEIGHTS



## TYPE 160

Original part of: TOYOTA CAMRY  
The weights are mainly designed for the application to slim steel rims (rim flanges of 1.5 to 1.8 mm).

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box



## TYPE 666

Universal weight ideally suited for European alloy rims.

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box



## THE WEIGHT FOR PROFESSIONALS

Two-piece weights, also called safety weights when used in an OEM context, can also be installed professionally by aftermarket tire dealers at any time using HOFMANN POWER WEIGHT products and the appropriate tools. All you need for aftermarket installation is the Type 336/1 tire compression tool or a pneumatic tire compression tool as well as the Type 331/43 clip fitting tool. Follow the steps shown below to install two-piece weights exactly like an OEM would:

### INSTALLATION OF TWO-PIECE WEIGHTS



#### INSERT THE CLIP

Use the tire compression tool to squeeze the tire away from the rim flange where the weight is going to be installed just far enough in order for the rim flange to be exposed.

Attach the clip at the required point. Remove the tire compression tool.

The clip will be automatically secured between the rim flange and tire.



#### MOUNT THE WEIGHT

Use the clip fitting tool to lift the clip to push the coated weight body underneath it.

Take the correct weight size required for balance and push it underneath the clip.

Gradually tilt the clip fitting tool back so the clip is able to engage in the specially provided recess in the weight body.

# TWO-PIECE WEIGHTS

# PASSENGER CAR ADHESIVE WEIGHTS



## TYPE 274 (replaces BMN and BMZ)

Original part of: BMW, MINI  
Combined with the B3 clip, this two-piece weight is utilized for BMW and MINI alloy rims. The 5 and 10 gram weight sizes are made of polypropylene (PP). Our special tools 331/43 and 336/1 are required for the correct installation of the weight to the rim. Please note that BMW has not approved two-piece weights for all aluminum rims. If adhesive weights are specified, the weight Type 390 is recommended.

**Clip:** B3 - for alloy rims

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box (clips & bodies both)



## TYPE 261 (replaces MBN and MBZ)

Original part of: MERCEDES-BENZ  
Combined with the MA clip, this two-piece weight is utilized for MERCEDES-BENZ alloy rims. The 5 and 10 gram weight sizes are made of polypropylene (PP). Our special tools 331/43 and 336/1 are required for the correct installation of the weight to the rim. Please note that MERCEDES-BENZ has not approved two-piece weights for all aluminum rims. If adhesive weights are specified, the weight Type 360 is recommended.

**Clip:** MA - for alloy rims

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box (clips & bodies both)



## WE CREATED THE STANDARD

Premium adhesive wheel balance weights from Hofmann Power Weight are used by more Original Equipment (OE) manufacturers than any other wheel weight available in the world. They choose HPW because quality is important and our adhesive weights are time-tested and customer-proven.

## INSTALLATION OF ADHESIVE WEIGHTS



### PRE-TREATING THE RIM

Clean the rim thoroughly with a 50/50 solution of isopropyl alcohol and water to remove any residual grease, silicone or adhesive.



### PRE-BENDING THE WEIGHTS

Separate the correct amount of weight (as calculated) from the bar. Mould the shape of the weight to match the rim radius (with protective film).

**Please note:**  
Bend the weights gradually to prevent breakage at the joins. Bend the weight slightly further than the rim's radius.



### REMOVAL OF THE PROTECTIVE FILM

Remove the protective film.

**Please note:**  
Do not touch the adhesive surface after peeling off the film.



### STICKING THE WEIGHT ON

Attach the weight to the calculated point on the rim, making sure that the weight is distributed evenly either side and the weight is parallel with the edge of the rim.

**Please note:**  
Press down on the weight hard, working from the center to the left and right. A minimum pressure of 0.21 lbs/ft<sup>2</sup> is required. The angle of the sticking surface should not be higher than 15° to normal.

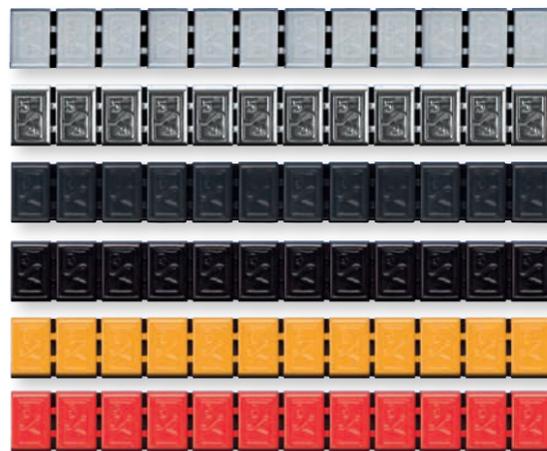
■ **Note:** Two-piece weights are supplied with clips in the box.



**WEIGHT AS A CONTRAST**

**WEIGHT IN THE MATCHING COLOR**

## TYPE 380 ZINC ADHESIVE WEIGHT



- Motorsport proven
- Features SPEEDLINER® technology tape
- Extra gentle to the rim and strong initial tack of adhesive tape
- Easy removal of the weight without leaving residue on the rim
- Highest corrosion resistance
- 6 colors – suitable for every rim color
- Up to 50 % time saving for the workshop during the removal phase

### TYPE 380

The Type 380 colorweight is made of a premium zinc alloy and features the innovative SPEEDLINER® technology tape. Manufactured using a special production process, the strip is very easily malleable and thus easily adjustable to the rim radius. The segments are separable without a tool due the perforated liner. Features a resilient, colored powder coating for permanent corrosion protection and high style.

<b>Dimensions:</b>	total height including tape: 0.16" width: 0.75" length: 6.63"
<b>Weight size available:</b>	5 g segments, 60 g strips
<b>Part numbers:</b>	25 pieces per box w/o SPEEDLINER: H380 silver
	50 pieces per box w/ SPEEDLINER: H380AN anthracite H380BK black H380CH chrome H380OR orange H380RD red



## TYPE 380 COUNTERTOP DISPLAY

### TYPE 380 COUNTERTOP DISPLAY

Turn wheel weights into a profit by giving car owners a new upgrade option, one that they have never had before. This point-of-sale countertop display is optimized for the garage and contains 24 endconsumer packages. Each package has just the right amount of weights to balance the entire vehicle and has an individual UPC code for counter scanning. Individual colors in refill packages of 24 can be reordered (variations see below).

<b>Weight size available:</b>	5 g segments, 60 g per strip	
<b>Packaging unit:</b>	24 endconsumer packages x 6 adhesive bars each package	
<b>Part number:</b>	HK380M1	mixed box
	HK380AN	anthracite
	HK380BK	black
	HK380CH	chrome
	HK380OR	orange
	HK380RD	red



## SPEEDLINER®-TECHNOLOGY

### REMOVABLE WITHOUT LEAVING TRACES

Marking a first, the new adhesive tape has a 5-layer structure; a special intermediate reinforcement film with exceptional tear-resistant properties ensures strong cohesion within the adhesive tape. Thanks to this long-lasting bond structure, removing the adhesive weight tape is a much easier job: any foam residue sticks to the reinforcement film and the adhesive weight can thus be lifted off without leaving any traces behind. The SPEEDLINER®\* adhesive tape makes time-consuming cleaning work using scrapers or aggressive toxic agents a thing of the past. As a result, fitters will save both time and money – and vehicle owners will be delighted with a solution that is gentle on rims.

\*Patent pending

### HIGHER INITIAL TACK

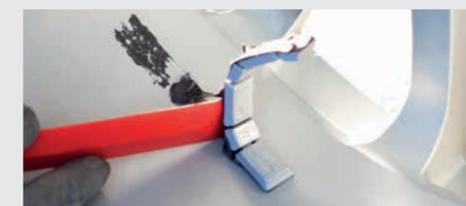
The adhesive has been optimised specifically in line with HOFMANN POWER WEIGHT's specifications and not only features a higher initial tack, but also achieves its maximum final adhesive strength even faster than before. This means the adhesive weight is guaranteed to stay in place. The balance position can still be corrected immediately thanks to the innovative bond structure, meaning that costly and time consuming readjustment work is no longer an issue.

### CLEAN TEARING EDGES

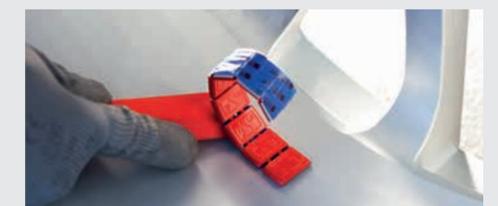
The optimised SPEEDLINER® foam is perforated on most adhesive bars for passenger cars. Thus it now can be torn even more easily than before without using any tools and leaves a clean tearing edge when individual segments are separated off. Combined with the grid web technology used in the HPW adhesive weights and the perforated liner, this feature makes fitting work considerably more simple.

### EASY LINER REMOVAL

Stronger material has been used to create the new protective film (known as the liner). This allows the liner to grip more easily, which in turn makes removing it a quicker and more straightforward job for the fitter.



UNTIL NOW:  
Residue remains on the rim.



NEW:  
Easy and clean removing means 50 % less time.

■ **Note:** Find individual part numbers for each product in the part number index in the back.

# ZINC ADHESIVE WEIGHTS



## TYPE 360

Original part of: AUDI, MERCEDES-BENZ, LAND ROVER  
Standard profile premium zinc adhesive weight. Weights of 5-15 gram feature a single segment; weights of 20-30 gram feature two segments; weights of 35-45 gram feature three segments; weights of 50-60 gram feature four segments. This facilitates moulding to the rim radius. Weight features Grid-Bridge Technology™ whereby the segments are connected with two narrow steps, for easier and faster mounting. For vehicles where there is no sufficient clearance in the brake caliper area, please use our weight Type 361.

**Dimensions:** total height including tape: 0.23"  
width: 0.59" x varying lengths

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box



## TYPE 361

Original part of: PORSCHE, VW, VOLVO  
Low-profile premium zinc adhesive weight used where standard profile does not provide sufficient clearance area to brake and steering parts. Weights of 5 gram feature a single segment; weights of 10-25 gram feature two segments; weights of 30-35 gram feature three segments; weights of 40-50 gram feature four segments; weights of 55-60 gram feature five segments. This facilitates moulding to the rim radius.

**Dimensions:** total height including tape: 0.15"  
width: 0.75" x varying lengths

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box



## TYPE 390

Original part of: BMW, MINI  
Standard profile premium zinc adhesive weight. Weights of 5-20 gram feature a single segment; weights of 25-30 gram feature two segments; weights of 35-45 gram feature three segments; weights of 50-60 gram feature four segments. This facilitates moulding to the rim radius. For vehicles where there is no sufficient clearance in the brake caliper area, please use our weight Type 361.

**Dimensions:** total height including tape: 0.23"  
width: 0.59" x varying lengths

**Weight sizes available:** 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60 g

**Packaging units:** 25 pieces/box

# STEEL ADHESIVE WEIGHTS

## SST-SERIES

Standard profile segmented weight with a premium OEM 10-year powder coating. Segment design features our patented isosceles trapezoid shape allowing for easier contouring to the wheel when installing. Features AllWeather™ white adhesive tape that sticks in nearly any condition.

**Dimensions:** total height including tape: 0.225"  
width: 0.75" depth: 0.37"

**Weight size:** standard profile 0.25 oz. segments

**Packaging units:** 3.00 oz. strips - 25 qty per box - SST300N  
20 lb. roll - 1,280 segments - SST32000N



## SSG-SERIES

All the same great features as the SST-Series, only in a low profile 5g segment size.

**Dimensions:** total height including tape: 0.15"  
width: 0.75" depth: 0.42"

**Weight size:** low profile 5g segments

**Packaging units:** 60g strips - 25 qty per box - SSG060N  
16.5 lb. roll - 1,500 segments - SSG7500N



## SSM-SERIES

All the same great features as the SST-Series, only with an elongated segment design.

**Dimensions:** total height including tape: 0.225"  
width: 1.00" depth: 0.28"

**Weight size:** standard profile 0.25 oz. segments

**Packaging units:** 6.00 oz. strips - 30 qty per box - SSM600N



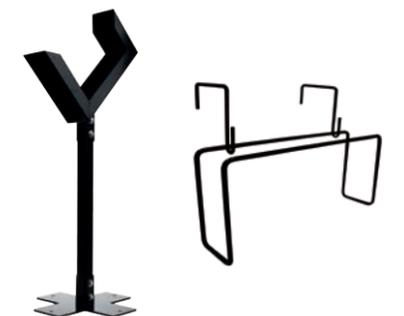
## ROLL ACCESSORIES

**Part numbers:** QS0500 - SegmentLock Bar: magnetized bar to help prevent weights from falling back in the roll box

QS1000 - Steel wire roll box hanger that hangs on the side of the balancer and holds two roll boxes

QS2000 - Single-head steel floor stand

QS3000 - Dual-head steel floor stand



# HEAVY-DUTY WEIGHTS



## HEAVY-DUTY ZINC KNOCK-ON WEIGHTS

### I7Z-SERIES

The most commonly used weight on heavy-duty trucks (larger than 26,000 lbs GVWR) with steel rims and some older medium-duty trucks. Also available uncoated (I7ZU-Series).

**Weight sizes available:** 1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6 oz. (coated)  
1, 2, 3, 4, 5, 6 oz. (uncoated)



### LT1Z-SERIES

Most commonly used weight on medium-duty trucks (14,000-26,000 lbs GVWR) with either tube or tubeless steel rims. Also used on mostly older light-duty trucks with thinner rim flanges. Also available uncoated (LT1ZU-Series).

**Weight sizes available:** 0.5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6 oz. (coated)  
1, 2, 3, 4, 5, 6 oz. (uncoated)



### TALZ-SERIES

The most common weight on light to heavy-duty trucks with alloy rims, primarily Alcoa and Accuride aluminum, tubeless truck wheels manufactured after 1983. Weight is designed to fit the disc and open side rim flanges.

**Weight sizes available:** 1, 2, 3, 4, 5, 6 oz. (coated only)



### CTZ-SERIES

Specialty weight used on heavy-duty trucks with Firestone, Accuride, Budd or Goodyear tubeless alloy rims with straight flanges. Primarily used on rim widths of 6.75", 7.50" and 8.25".

**Weight sizes available:** 2, 3, 4, 5, 6 oz. (uncoated only)



### RIM GAUGE

Utilize the RG2 rim gauge to verify each application.



**Note:** Find individual part numbers for each product in the part number index in the back.

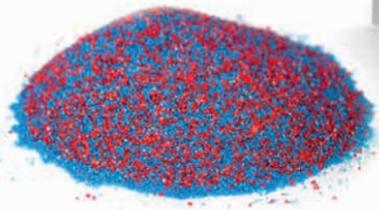
# TYPE 505 BALANCING COMPOUND

## HOW IT WORKS:

In a running tire the balancing compound is dispersed along the tire walls due to the centrifugal force. With increasing speed, imbalance of the wheel assembly (heavy spot) will cause vibrations like bouncing and wobbling. At the same time the higher speed will also cause the centrifugal force to disperse the material in the tire and automatically push the compound opposite to the heavy spot, compensating the vibrations. As the compound can flow freely in the tire, it will constantly adjust to shifts in forces caused by changed imbalances, speeds and road conditions, delivering a smooth ride.

## THE INTELLIGENT BALANCING COMPOUND:

The secret of the innovative Hofmann Power Weight Fusion Technology is the different size materials used in the balancing compound itself. The larger red kernels concentrate in the center of the tire and dampen the static imbalance. The smaller blue kernels shift more to the outer edges of the concentration and compensate wobbling which is caused by dynamic imbalance. The result is a smooth ride for the complete tire life.



WITH ADVANCED  
**FUSION**  
TECHNOLOGY  
BY HOFMANN POWER WEIGHT



Red component dampens the static imbalance  
Blue component dampens the dynamic imbalance



## YOUR BENEFITS:

- **Quick and easy balancing**  
No balancer required, simply tear open the bag and toss it into the assembly. Pre-packed bags mean low labor costs and no extensive training or experience required.
- **Increased fuel efficiency**  
A smoother ride and reduced rolling resistance mean longer tire life, better tread and contact to road, making every mile more efficient.
- **Prolonged tire life**  
Longer lasting tire tread and even tire wear due to fewer vibrations keeps your tires running smoother and cooler, ultimately lasting longer.
- **TPMS safe**  
Our specially coated compound has no adverse effects on TPMS sensors or inner tire liners. A special valve core and a high-quality metal valve cap are included in every bag to help protect your value.
- **More driving comfort**  
Vibration dampening increases comfort thus causing less exhaustion for the driver. Fewer vibrations for load and driver mean both arrive fresh.
- **Environmentally friendly**  
Lead-free, cost effective solution to balance all your wheels and almost all rim types, with no rebalance necessary saving dozens of wheel weights over a tire life.

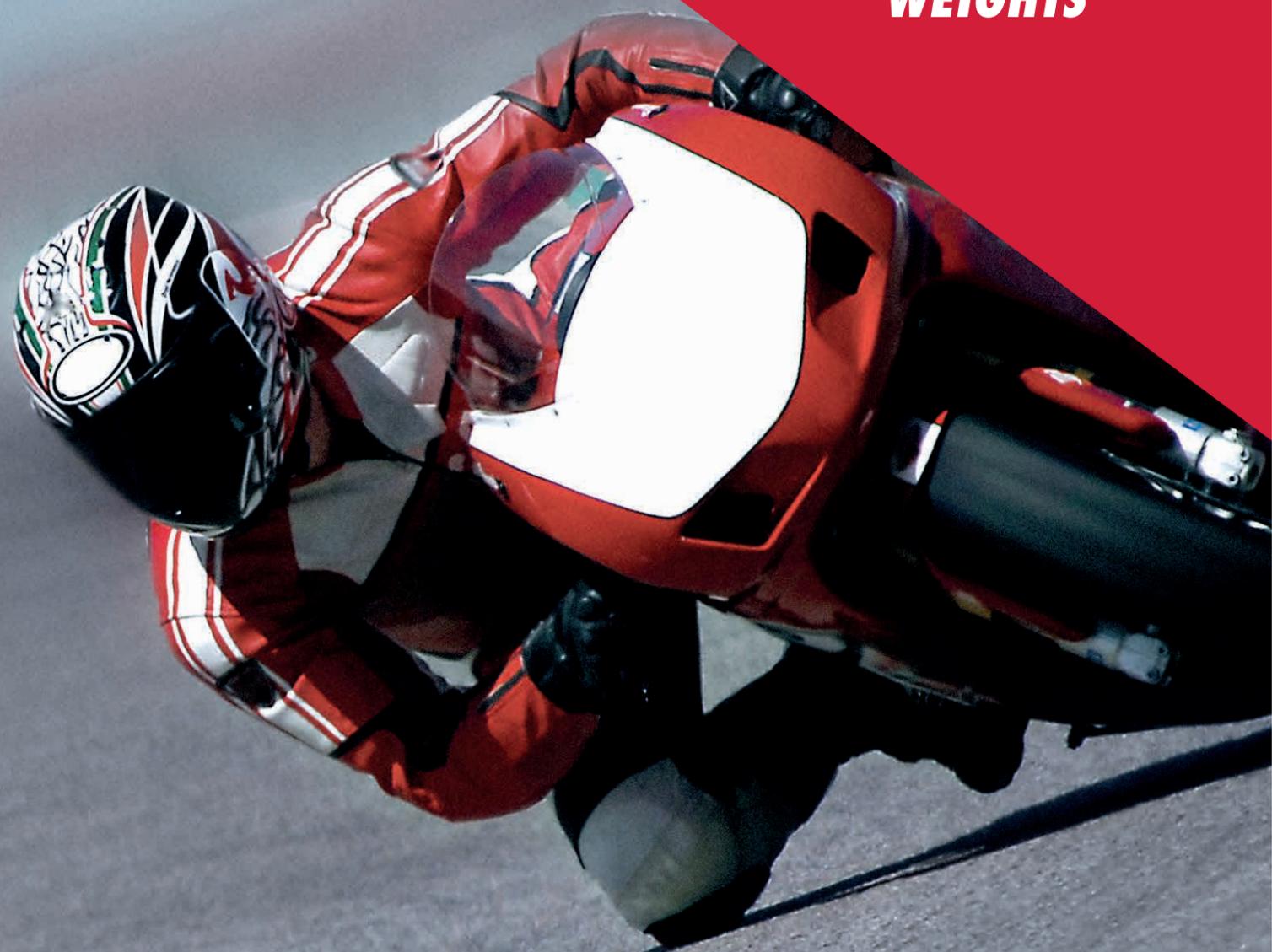


## COMPREHENSIVE PACKAGE

- **Application chart**  
Download the complete chart at [www.hofmann-powerweight.com](http://www.hofmann-powerweight.com)
- **Self-explanatory assembly instructions**  
Easy to follow step-by-step explanation printed directly on each bag
- **High-quality accessories for a proper installation**  
Valve core and marked metal valve cap included in the top of each bag
- **Garage-optimized storage box**  
Small footprint boxes with easy opening for smart stock-keeping

TYPE	WEIGHT	PACKAGING UNIT	PART NUMBER
XS	4 oz / 120 g	16 pc.	0401-5505-120
S	6 oz / 180 g	16 pc.	0401-5505-180
M	8 oz / 230 g	12 pc.	0401-5505-230
L	10 oz / 290 g	8 pc.	0401-5505-290
XL	12 oz / 350 g	8 pc.	0401-5505-350

# MOTORCYCLE WEIGHTS



## MOTORCYCLE ADHESIVE WEIGHTS

### TYPE 706

This narrow lead adhesive weight is designed to fit motorcycle rims which typically feature a more narrow application surface. Features SPEEDLINER® tape for residue-free removal without any damage to the rim.

<b>Dimensions:</b>	total height incl. tape: 0.2188" width: 0.375"
<b>Weight size:</b>	5 g segments, 40 g per strip
<b>Packaging unit:</b>	50 pieces/box
<b>Part numbers:</b>	chrome        H706CH black         H706BK



### TYPE 799

Original part of: BMW, TRIUMPH  
This premium OEM weight is made from zinc and comes in different pre-cut sizes with grooves that allow for easier adjustment to the rim radius.

<b>Dimensions:</b>	total height incl. tape: 0.27" width: 0.43" x varying lengths
<b>Weight sizes available:</b>	5, 10, 15, 20, 25, 30 g
<b>Packaging unit:</b>	25 pieces/box



■ **Note:** Find individual part numbers for each product in the part number index in the back.

## TOOLS & ACCESSORIES

### PLIERS & HAMMERS

#### 50K PLIERS

This European designed clip-on wheel weight installation and removal tool features a "Clip Claw" crowbar, punch-designed handles, and a heavier hammer head. Made from forged vanadium steel for exceptional durability.

**Part number:** 50K



#### 71K PLIERS

Known as "The Protector," this wheel weight installation and removal tool is to be used on coated clip-on wheel weights. This tool comes with a unique replaceable "soft head" face design that facilitates the installation and removal of wheel weights without damaging the wheel or the weight.

**Part numbers:** 71K  
71P - 5 qty replacement faces



#### 75K ALLOY HAMMER

Used for the installation of coated clip-on wheel weights. This hammer features a replaceable soft acetate hammer face. The wooden handle has a natural lacquer finish. The cast steel head has an enamel finish and the rear mounted & replaceable, hardened steel "Clip Claw" horn quickly removes old weights.

**Part numbers:** 75K  
75H - 5 qty replacement horns  
75P - 5 qty replacement faces



# TOOLS & ACCESSORIES

# PART NUMBER INDEX



### TR10 REMOVAL TOOL

This heavy-duty, hardened steel removal tool even makes taking off the toughest weights easy.

**Part number:** TR10



### TYPE 331/43 CLIP FITTING TOOL

Special tool for the fitting and removal of HOFMANN POWER WEIGHT balance weights with separate clip.

**Opening:** 0.61" and 0.75"

**Part number:** 6410500



### TYPE 336/1 TIRE COMPRESSION TOOL

Special tool for manual tire bead unseating without auxiliary energy. The use of this tool allows a safe and quick application of HOFMANN POWER WEIGHT two-piece weights with separate clip. The design and surface finish of this tool protects tires and rims.

**Maximum opening:** 13.2"

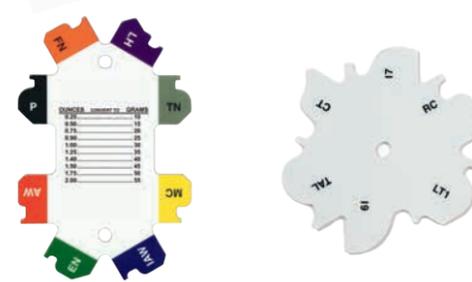
**Part number:** 6414604



### QSS1 ADHESIVE SCRAPER

This adhesive removal tool is the industry standard for removing adhesive weights without scratching the rim.

**Part number:** QSS1



### RIM GAUGES

**Part numbers:** RGP1 - Passenger car rim gauge

RG1 - Heavy duty truck rim gauge



# PART NUMBER INDEX

## PREMIUM ZINC

Part No.	Size
P025Z	0.25 oz
P050Z	0.50 oz
P075Z	0.75 oz
P100Z	1.00 oz
P125Z	1.25 oz
P150Z	1.50 oz
P175Z	1.75 oz
P200Z	2.00 oz
P225Z	2.25 oz
P250Z	2.50 oz
P275Z	2.75 oz
P300Z	3.00 oz
P025ZU	0.25 oz
P050ZU	0.50 oz
P075ZU	0.75 oz
P100ZU	1.00 oz
P125ZU	1.25 oz
P150ZU	1.50 oz
P175ZU	1.75 oz
P200ZU	2.00 oz
P225ZU	2.25 oz
P250ZU	2.50 oz
P275ZU	2.75 oz
P300ZU	3.00 oz

## TYPE 160 for slim flange rims

Part No.	Size
H160005	5 g
H160010	10 g
H160015	15 g
H160020	20 g
H160025	25 g
H160030	30 g
H160035	35 g
H160040	40 g
H160045	45 g
H160050	50 g
H160055	55 g
H160060	60 g

## TYPE 666 European universal alloy

Part No.	Size
H666005	5 g
H666010	10 g
H666015	15 g
H666020	20 g
H666025	25 g
H666030	30 g
H666035	35 g
H666040	40 g
H666045	45 g
H666050	50 g
H666055	55 g
H666060	60 g

Part No.	Size
AW025S*	0.25 oz
AW050Z	0.50 oz
AW075Z	0.75 oz
AW100Z	1.00 oz
AW125Z	1.25 oz
AW150Z	1.50 oz
AW175Z	1.75 oz
AW200Z	2.00 oz
AW225Z	2.25 oz
AW250Z	2.50 oz
AW275Z	2.75 oz
AW300Z	3.00 oz
MC025S*	0.25 oz
MC050Z	0.50 oz
MC075Z	0.75 oz
MC100Z	1.00 oz
MC125Z	1.25 oz
MC150Z	1.50 oz
MC175Z	1.75 oz
MC200Z	2.00 oz
MC225Z	2.25 oz
MC250Z	2.50 oz
MC275Z	2.75 oz
MC300Z	3.00 oz

## TYPE 261 with MA clip

Part No.	Size
H261005MA	5 g
H261010MA	10 g
H261015MA	15 g
H261020MA	20 g
H261025MA	25 g
H261030MA	30 g
H261035MA	35 g
H261040MA	40 g
H261045MA	45 g
H261050MA	50 g
H261055MA	55 g
H261060MA	60 g

## TYPE 274 with B3 clip

Part No.	Size
H274005B3	5 g
H274010B3	10 g
H274015B3	15 g
H274020B3	20 g
H274025B3	25 g
H274030B3	30 g
H274035B3	35 g
H274040B3	40 g
H274045B3	45 g
H274050B3	50 g
H274055B3	55 g
H274060B3	60 g

Part No.	Size
LH025Z	0.25 oz
LH050Z	0.50 oz
LH075Z	0.75 oz
LH100Z	1.00 oz
LH125Z	1.25 oz
LH150Z	1.50 oz
LH175Z	1.75 oz
LH200Z	2.00 oz
LH225Z	2.25 oz
LH250Z	2.50 oz
LH275Z	2.75 oz
LH300Z	3.00 oz
IAW005S*	5 g
IAW010Z	10 g
IAW015Z	15 g
IAW020Z	20 g
IAW025Z	25 g
IAW030Z	30 g
IAW035Z	35 g
IAW040Z	40 g
IAW045Z	45 g
IAW050Z	50 g
IAW055Z	55 g
IAW060Z	60 g

## TYPE I7Z coated

Part No.	Size
I7Z010	1.00 oz
I7Z015	1.50 oz
I7Z020	2.00 oz
I7Z025	2.50 oz
I7Z030	3.00 oz
I7Z035	3.50 oz
I7Z040	4.00 oz
I7Z050	5.00 oz
I7Z060	6.00 oz

## TYPE I7ZU uncoated

Part No.	Size
I7Z010U	1.00 oz
I7Z020U	2.00 oz
I7Z030U	3.00 oz
I7Z040U	4.00 oz
I7Z050U	5.00 oz
I7Z060U	6.00 oz

## TYPE TALZ coated

Part No.	Size
TALZ010	1.00 oz
TALZ020	2.00 oz
TALZ030	3.00 oz
TALZ040	4.00 oz
TALZ050	5.00 oz
TALZ060	6.00 oz

Part No.	Size
ENO10Z	10 g
ENO15Z	15 g
ENO20Z	20 g
ENO25Z	25 g
ENO30Z	30 g
ENO35Z	35 g
ENO40Z	40 g
ENO45Z	45 g
ENO50Z	50 g
ENO55Z	55 g
ENO60Z	60 g
FNO10Z	10 g
FNO15Z	15 g
FNO20Z	20 g
FNO25Z	25 g
FNO30Z	30 g
FNO35Z	35 g
FNO40Z	40 g
FNO45Z	45 g
FNO50Z	50 g
FNO55Z	55 g
FNO60Z	60 g

## TYPE LT1Z coated

Part No.	Size
LT1Z005	0.50 oz
LT1Z010	1.00 oz
LT1Z015	1.50 oz
LT1Z020	2.00 oz
LT1Z025	2.50 oz
LT1Z030	3.00 oz
LT1Z035	3.50 oz
LT1Z040	4.00 oz
LT1Z045	4.50 oz
LT1Z050	5.00 oz
LT1Z055	5.50 oz
LT1Z060	6.00 oz

## TYPE LT1ZU uncoated

Part No.	Size
LT1Z010U	1.00 oz
LT1Z020U	2.00 oz
LT1Z030U	3.00 oz
LT1Z040U	4.00 oz
LT1Z050U	5.00 oz
LT1Z060U	6.00 oz

## TYPE CTZ uncoated

Part No.	Size
CTZ010	1.00 oz
CTZ020	2.00 oz
CTZ030	3.00 oz
CTZ040	4.00 oz
CTZ050	5.00 oz
CTZ060	6.00 oz

**Note:** Find individual part numbers for each product in the part number index in the back.

## TYPE 390

Part No.	Size
H390005	5 g
H390010	10 g
H390015	15 g
H390020	20 g
H390025	25 g
H390030	30 g
H390035	35 g
H390040	40 g
H390045	45 g
H390050	50 g
H390055	55 g
H390060	60 g

## TYPE 360

Part No.	Size
H360005	5 g
H360010	10 g
H360015	15 g
H360020	20 g
H360025	25 g
H360030	30 g
H360035	35 g
H360040	40 g
H360045	45 g
H360050	50 g
H360055	55 g
H360060	60 g

## TYPE 380 zinc adhesive colorweight

Part No.	Color	Size	Box Qty
H380	Silver	60 g	25 pcs
H380CH50	Chrome	60 g	50 pcs
H380AN50	Anthracite	60 g	50 pcs
H380BK50	Black	60 g	50 pcs
H380OR50	Orange	60 g	50 pcs
H380RD50	Red	60 g	50 pcs

## TYPE 380 point-of-sale / counter-top kits

Part No.	Color	Box Qty
HK380M1	Mixed	1728 seg, 24x6pcs
HK380CH	Chrome	1728 seg, 24x6pcs
HK380AN	Anthracite	1728 seg, 24x6pcs
HK380BK	Black	1728 seg, 24x6pcs
HK380OR	Orange	1728 seg, 24x6pcs
HK380RD	Red	1728 seg, 24x6pcs

## TYPE 505 BALANCING COMPOUND

Part No.	Description	Box Qty
0401-5505-120	XS / 4oz / 120 g	16 bags
0401-5505-180	S / 6 oz / 180 g	16 bags
0401-5505-230	M / 8 oz / 230 g	12 bags
0401-5505-290	L / 10 oz / 290 g	8 bags
0401-5505-350	XL / 12 oz / 350 g	8 bags

## TOOLS & ACCESSORIES

Part No.	Description	Box Qty
QS0500	SegmentLock™ roll bar	1 pc
QS1000	Roll box wire hanging rack	1 pc
QS2000	Roll box single floor stand	1 pc
QS3000	Roll box double floor stand	1 pc
6410500	331/43 removal tool	1 pc
6414604	336/1 tire claw	1 pc
50K-UB	WW Pliers	1 pc
71K-UB	WW Pliers with soft head	1 pc
71P-UB	Replacement heads for 71K	5 pcs
75K-UB	WW Hammer with soft head	1 pc
75P-UB	Replacement head for 75K	5 pc
75H-UB	Replacement hooks for 75K	5 pc

## TYPE 361

Part No.	Size
H361005	5 g
H361010	10 g
H361015	15 g
H361020	20 g
H361025	25 g
H361030	30 g
H361035	35 g
H361040	40 g
H361045	45 g
H361050	50 g
H361055	55 g
H361060	60 g

## STEEL ADHESIVES

Part No.	Description	Box Qty
SST300N	0.25 oz segments	3.00 oz., 25 strips
SST32000N	0.25 oz. segments	1,280 seg, 20 lbs
SSG060N	5g segments	60g, 25 strips
SSG7500N	5g segments	1,500 seg, 16.5 lbs
SSM600N	0.25 oz. segments	6.00 oz., 30 strips

## TYPE 706 lead motorcycle colorweight

Part No.	Color	Size	Box Qty
H706BK	Black	40 g	50 pcs
H706CH	Chrome	40 g	50 pcs

## TYPE 799 motorcycle

Part No.	Size
H799005	5 g
H799010	10 g
H799015	15 g
H799020	20 g
H799025	25 g
H799030	30 g

## TOOLS & ACCESSORIES

Part No.	Description	Box Qty
TR-10	WW Removal Tool	1 pc
GSS1-UB	Adhesive weight scraper	1 pc
RGP1	Passenger car rim gauge	1 pc
RG2	HD truck rim gauge	1 pc
19000	Product catalog	1 pc
18082	Application guide brochure	1 pc
18027	Application guide wall chart	1 pc

**NOTES:**





**UNITED STATES:**

1715 Joe B. Jackson Parkway | Murfreesboro, TN 37127  
Service First Line: 1-888-215-4575

**CANADA:**

19 Frankford Crescent, Unit #3 | Trenton, Ontario K8V 5R7 Canada  
Service First Line: 1-844-934-6266

[www.hofmann-powerweight.com](http://www.hofmann-powerweight.com)

Hofmann Power Weight is a brand of

