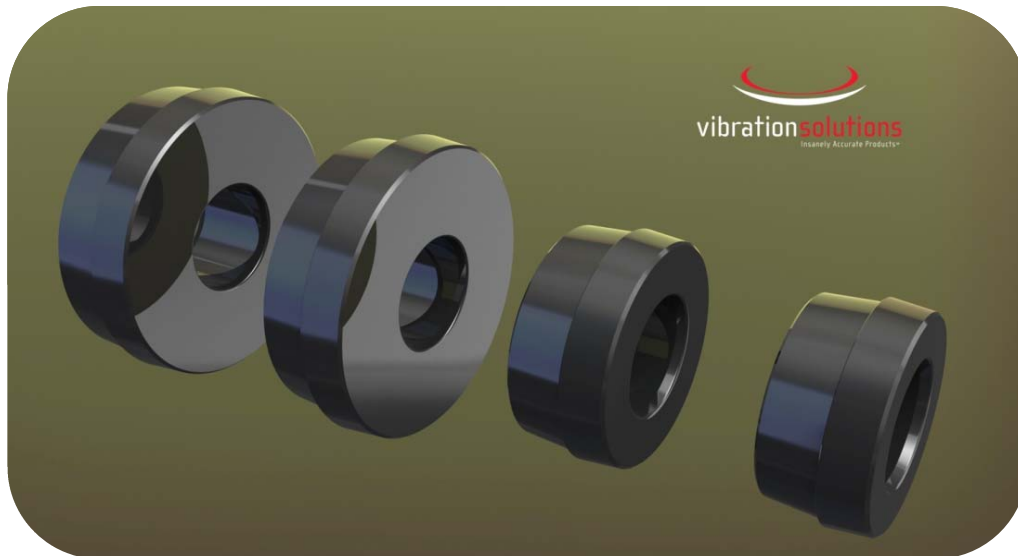


*The world's highest quality wheel balancing adaptors,  
manufactured in North Carolina, USA.*



**vibration**solutions  
Insanely Accurate Products™



## **OEM Precision Collets™**

**Supplemental Price List *Version 2***

**Valid May 2010**

*This price list supercedes all previous price lists*

*We reserve the right to make design, specification, packaging and price changes without notice*

*Prices are MSRP in US Dollar*

## Our History

Although Vibration Solutions LLC was founded in 2004, our industry experience dates back to 1985 when Allan H. Hansen started importing the Haweka product line of wheel balancing adaptors. Allan worked tirelessly to build the Haweka brand from obscurity to market leader. He traveled over 200 days per year conducting seminars and demonstrations in tire shops and car dealers all over North America. He printed and distributed hundreds of thousands of product brochures and created Haweka's first website back when 28K modems were all the rage. The hard work paid off as Deer Corporation d/b/a Haweka North America became Haweka's largest customer by a good margin.

Sadly, in December of 2001, Deer Corporation d/b/a Haweka North America was subject to an act of industrial espionage and theft. Soon after, Allan made a break, leaving behind the company he had started and the brand he had built. Determined to leverage the knowledge he had amassed over the past 18 years, Allan started testing materials and designing products early in 2003.

## Our Company

Vibration Solutions LLC quickly became the preferred supplier for the finest vehicle and balancer manufacturers in the world. Through superior design, top-notch engineering, first class manufacturing and the best material selection, we have earned our reputation for producing the most accurate balancing adaptors on the world market.

All products are manufactured in our 10,000 square foot plant in Cornelius, North Carolina, USA. Our people are dedicated to delivering the highest quality product and the best possible customer service. To us, precision is not a goal, it's a given. We fanatically live by our slogan;  
**Insanely Accurate Products.**



*Allan, back in the day....1996*

### Vibration Solutions LLC

Vibration Solutions Europe ApS (Skanderborg, Denmark)

Vibration Solutions Australia (Brisbane, Australia)



Vibration Solutions South Africa (Johannesburg, South Africa)



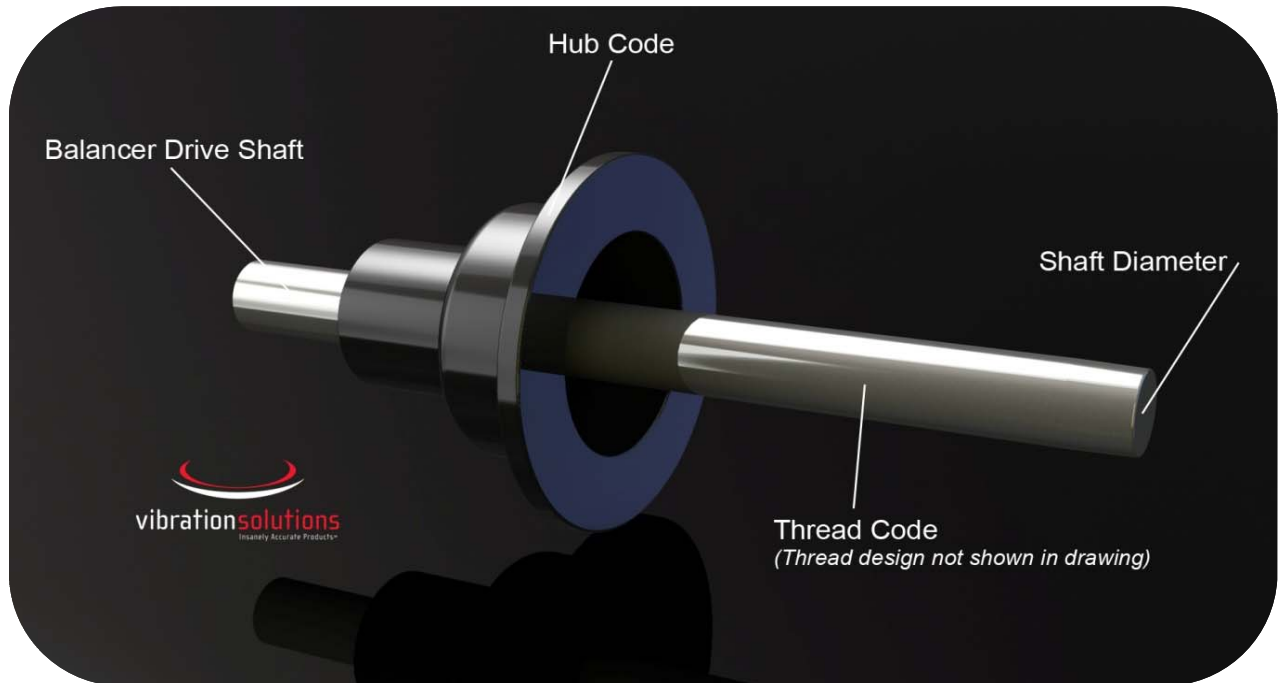


TOP PRODUCTS		OEM PRECISION COLLETS	
Tire Retail Shops			
<p><b>Tire Retail System <i>Solution A</i></b> Complete System includes 12 pcs double sided Collets with a range covering virtually all cars, cross-over, SUV and light trucks on the market. Wheel hub diameters between 54mm and 125mm.</p>		L163-400-01	\$1,040.55
<p><b>Tire Retail System <i>Solution B</i></b> Lite System includes 7 pcs double sided Collets with a range covering virtually all cars &amp; cross-over vehicles on the market. Wheel hub diameters between 54mm and 93mm.</p>		L163-400-02	\$523.45
<p><b>Tire Retail System <i>Solution C</i></b> SUV/Truck System includes 4 pcs double sided Collets with a range covering virtually all SUV and light truck vehicles on the market. Wheel hub diameters between 100mm and 125mm.</p>		L163-400-03	\$498.00
	<p><b>OEM Precision Collet™ #1</b> Side A: 54mm &amp; 55mm. Side B: 56mm, 56.5mm &amp; 57mm. <i>Included in Solution A and Solution B.</i></p>	L162-400-35	\$70.50
	<p><b>OEM Precision Collet™ #2</b> Side A: 58mm &amp; 58.5mm. Side B: 59mm, 59.5mm &amp; 60mm. <i>Included in Solution A and Solution B.</i></p>	L162-400-34	\$71.60
	<p><b>OEM Precision Collet™ #3</b> Side A: 63.3mm &amp; 64mm. Side B: 65mm, 65.5mm, 66mm &amp; 66.5mm. <i>Included in Solution A and Solution B.</i></p>	L162-400-33	\$73.70
	<p><b>OEM Precision Collet™ #4</b> Side A: 67mm &amp; 68mm. Side B: 69mm, 69.5mm, 70mm &amp; 70.5mm. <i>Included in Solution A and Solution B.</i></p>	L162-400-32	\$78.60

TOP PRODUCTS		OEM PRECISION COLLETS	
Tire Retail Shops			
	<p><b>OEM Precision Collet™ #5</b>                      Side A: 71mm, 71.5mm, 72mm &amp; 72.5mm.                      Side B: 73.8mm, 74mm &amp; 74.5mm.  <i>Included in Solution A and Solution B.</i></p>	L162-400-31	\$83.90
	<p><b>OEM Precision Collet™ #6</b>                      Side A: 77.8mm &amp; 78mm.                      Side B: 84mm &amp; 85mm.  <i>Included in Solution A and Solution B.</i></p>	L162-400-30	\$92.10
	<p><b>OEM Precision Collet™ #7</b>                      Side A: 87mm.                      Side B: 92.5mm &amp; 93mm.  <i>Included in Solution A and Solution B.</i></p>	L162-400-29	\$100.75
	<p><b>OEM Precision Collet™ #8</b>                      Side A: 95.4mm.                      Side B: 98mm.  <i>Included in Solution A.</i></p>	L162-400-28	\$109.10
	<p><b>OEM Precision Collet™ #9</b>                      Side A: 100mm.                      Side B: 105mm &amp; 106mm.  <i>Included in Solution A and Solution C.</i></p>	L162-400-27	\$118.85
	<p><b>OEM Precision Collet™ #10</b>                      Side A: 107mm &amp; 108mm.                      Side B: 109mm &amp; 110mm.  <i>Included in Solution A and Solution C.</i></p>	L162-400-26	\$128.20

TOP PRODUCTS		OEM PRECISION COLLETS	
Tire Retail Shops			
	<p><b>OEM Precision Collet™ #11</b>                      Side A: 113mm.                      Side B: 115.8mm (4.56") and 116.8mm (4.60").  <i>Included in Solution A and Solution C.</i>  <i>Used with a Small Spacer Disk on most balancers.</i></p>	<p>L162-400-25</p>	<p>\$138.20</p>
	<p><b>OEM Precision Collet™ #12</b>                      Side A: 121.6mm (4.77").                      Side B: 124mm and 125mm.  <i>Included in Solution A and Solution C.</i>  <i>Used with a Small Spacer Disk on most balancers.</i></p>	<p>L162-400-24</p>	<p>\$155.35</p>

TOP PRODUCTS		OEM PRECISION COLLETS	
Tire Retail Shops			
<p><b>Mini System</b> These Collets are made just for the most difficult SUV and light truck wheels from Jeep, Dodge and GM etc. These wheels have a plastic chrome looking disk covering the wheel. Also for Toyota, Lexus, Nissan and other Japanese SUV and light truck wheels.</p>		L163-400-04	\$389.60
	<p><b>OEM Precision Collet™</b> Side A: 106mm (<i>Lexus, Toyota</i>). Side B: 110mm (<i>Lexus, Toyota</i>). <i>Included in Mini System.</i></p>	L162-400-20	\$128.20
	<p><b>OEM Precision Collet™</b> Side A: 100mm (<i>Acura, GM, Honda, Isuzu, Nissan</i>). Side B: 108mm (<i>GM, Infiniti, Lexus, Mazda, Mitsubishi, Nissan, Suzuki, Toyota</i>). <i>Included in Mini System.</i></p>	L162-400-21	\$125.50
	<p><b>OEM Precision Collet™</b> Side A: 66.5mm &amp; 67mm (<i>Chrysler, Dodge, GM and others</i>). Side B: 71.5mm (<i>Chrysler, Dodge, Eagle, Jeep and others</i>). <i>Included in Mini System.</i></p>	L162-400-22	\$78.60
	<p><b>OEM Precision Collet™</b> Side A: 74mm &amp; 74.5mm (<i>GM and others</i>). Side B: 77.8mm &amp; 78mm (<i>Chrysler, Dodge, GM and others</i>). <i>Included in Mini System.</i></p>	L162-400-23	\$85.65



Shaft Diameter: For a 40mm diameter shaft use code 400, a 28.56mm (1 1/8") shaft use code 280.  
 Example: Large Truck Cone V150-400-14

Thread Type: The code is determined by the shaft diameter, the thread pitch and thread design. Code 404 means 40mm diameter with 4mm pitch, code 363 is for a 36mm shaft with 3mm pitch.  
 Example: Speednut V142-404-02

*Important note: Whereas, some balancers such as John Bean, Hofmann and many SnapOn balancers do have 40mm shaft diameters with a 4mm pitch, the thread design is custom made with a different thread angle than standard. A 404 thread will **not** work properly on any balancer that has a 405 shaft design. It will seem to work since both have a 4mm pitch, but the 404 thread will not penetrate fully into the shaft thread, resulting in great loss of torque on any QuickNut/SpeedNut and a high chance of the QuickNut/SpeedNut coming loose. It also results in premature wear. Do not mix 404 and 405 threads.*

Hub Code: Determined by the hub diameter, the hole location and sometimes the shaft design.  
 Example: SpeedPlate System V400-818-02

BALANCER LISTING				
Brand	Model	Hub	Thread	Shaft
ACCUTURN	5100 / 5223 / 5500 / 5600 (serial # 51-0001 to 51-0622)	597	N/A	280
	1060 / 6100 / 6600 / 6700 / 6800	507	363	360
	5100 / 5600 (serial # 51-0623 to 51-1457) / 5800 / 6000	999	403	400
	1200 / 1220 / 1400 / 1420 / 1500 / 1520	958	405	400
	1250 / 1260 / 1450 / 1550 / 1650	589	404	400
	1820	818	405	400
	1850	589	404	400
	8902	N/A	466	460
ACTIA	3607 / 3608 / 3708	589	404	400
	3709 / 3809 (Pneumatic Shaft)	589	589	400
	3607 / 3608 / 3708	589	404	400
ATT	All / Alle / Tout	999	403	400
BALCO (Europe)	92 / b920 / b921 (With standard 28.56mm shaft)	957	285	280
	92 / b920 / b921 (With 28.56mm shaft & Quicknut)	957	283	280
	92 / b920 / b921 (With 40mm over-shaft)	958	403	400
	b930 / b940 / b945 / b946 / b948 / b975 / b985 / b995 / b996 (With standard 28.56mm shaft)	957	285	280
	b930 / b940 / b945 / b946 / b948 / b975 / b985 / b995 / b996 (With 28.56mm shaft & Quicknut)	957	283	280
	b930 / b940 / b945 / b946 / b948 / b975 / b985 / b995 / b996 (With 40mm over-shaft)	958	403	400
BEAR	80-303	818	405	400
	80-1010 / 80-1011 / 80-1012	589	404	400
	80-1013	589	404	400
BEISSBARTH	All / Alle / Tout	999	403	400
	All / Alle / Tout (Pneumatic shaft)	999		400
BOSCH (International)	All / Alle / Tout (<??/2008)	589	404	400
	All / Alle / Tout (<??/2008)	999	403	400
	All / Alle / Tout (<??/2008) Pneumatic Shaft	589	589	400
	All / Alle / Tout (<??/2008) Pneumatic Shaft	999		400
BOSCH (USA)	310 / 410 / 520 / 720 / 820HD	998	404	400
	All / Alle / Tout (Pneumatic shaft)	998		400

BALANCER LISTING				
Brand	Model	Hub	Thread	Shaft
<b>BUTLER</b>	All / Alle / Tout		404	400
<b>CEMB</b>	All / Alle / Tout (<12/1994)	588	363	360
	All / Alle / Tout (<12/1994) Pneumatic Shaft	588	N/A	360
	All / Alle / Tout (01/1995>)	589	404	400
	All / Alle / Tout (01/1995>) Pneumatic Shaft	589	589	400
	All Truck / Alle LKW / Tout Camion ( 06/2000>)	589	404	400
<b>COATS</b>	700 / 850 / 1000 / 1001 / 1004 /1025 / 1050 / 1055 / 1250 <i>(With Coats 28.56mm stub shaft)</i>	937	288	280
	700 / 850 / 1000 / 1001 / 1004 /1025 / 1050 / 1055 / 1250 <i>(With 28.56mm shaft &amp; Quicknut)</i>	937	283	280
	700 / 850 / 1000 / 1001 / 1004 /1025 / 1050 / 1055 / 1250 <i>(With Coats 40mm over-shaft)</i>	938	488	400
	700 / 850 / 1000 / 1001 / 1004 /1025 / 1050 / 1055 / 1250 <i>(With 40mm over-shaft &amp; Quicknut)</i>	938	403	400
	XR1750 / XR1800 / XR1850	589	404	400
	775 / 875 / 1175	589	488	400
	6200HS	957	285	280
	6401	888	N/A	510
<b>CORGI</b>	All / Alle / Tout (<12/2006)	907	383	380
	All / Alle / Tout (01/2007>)	908	403	400
	All Truck / Alle LKW / Tout Camion	908	466	460
<b>CORMACH</b>	FC290 / FC310 / F350 / FC370 / FC390	589	404	400
	B92	589	404	400
<b>COSENG / ATLAS</b>	C301 / C311 / C322 / C366		363	360
<b>FAIP</b>	All / Alle / Tout (<12/2006)	907	383	380
	All / Alle / Tout (01/2007>)	908	403	400
	All Truck / Alle LKW / Tout Camion	908	466	460
<b>FASEP</b>	All / Alle / Tout		383	380
	All Truck / Alle LKW / Tout Camion			
<b>FFB / FOG</b>	All / Alle / Tout	999	403	400
	All / Alle / Tout (Pneumatic shaft)	999		400
<b>FMC</b>	4100 / 5800	827	404	400
	4100 / 4300 / 5800 (Removeable Hub/Shaft)	998	404	400

BALANCER LISTING				
Brand	Model	Hub	Thread	Shaft
<b>GIULIANO</b>	All / Alle / Tout	589	404	400
<b>GS</b>	All / Alle / Tout	508	363	360
	All Truck / Alle LKW / Tout Camion		466	460
<b>HESHBON</b>	All / Alle / Tout	588	363	360
	All Truck / Alle LKW / Tout Camion			
<b>HOFMANN</b>	All / Alle / Tout	818	405	400
	All / Alle / Tout ( <i>Power Clamp</i> )	818	818	400
<b>HOFMANN MEGAPLAN</b>	All / Alle / Tout	589	404	400
	All / Alle / Tout ( <i>Pneumatic Shaft</i> )	589	589	400
	All Truck / Alle LKW / Tout Camion	589	404	400
<b>HPA</b>	All / Alle / Tout (<12/2006)	907	383	380
	All / Alle / Tout (01/2007>)	908	403	400
<b>HUNTER</b>	700	999	403	400
	800	N/A	N/A	400
	DSP7700 / DSP9700	997	408	400
	DSP9500 ( <i>1990-1992 With fine thread</i> )	617	403	400
	DSP8500 / DSP9000 / DSP9500	617	408	400
	DSP9100 / DSP9200 / DSP9600 GSP9200 / GSP9600 / GSP9700	618	408	400
	GSP9200 / GSP9600 / GSP9700 ( <i>With AutoClamp</i> )	618	N/A	400
<b>JOHN BEAN (America)</b>	3.2 / 3.3 / 5.1 / 6.6 / 7.5 / 7.6	998	404	400
	8.5 / 8.6 / 8.7 / 9.7 / BFH800 / BFH1000 / VPI Series	818	405	400
<b>JOHN BEAN (Europe)</b>	b9000 / b9400 / b9450 / b9460 ( <i>With 28.56mm shaft + Quicknut</i> )	958	283	280
	b9005 / b9455 / b9465 / b9750 / b9755 ( <i>With 40mm over-shaft</i> )	958	405	400
	b9460P / b9465P / b9750P / b9755P / b9855P ( <i>Power Clamp</i> )	958	818	400
	b9200	958	405	400
	b9250	818	405	400
	b9120 ( <i>Motorcycle only</i> )	N/A	N/A	N/A
<b>LAUNCH</b>	All / Alle / Tout		363	360
	All Truck / Alle LKW / Tout Camion		363	360

BALANCER LISTING				
Brand	Model	Hub	Thread	Shaft
<b>M &amp; B ENGINEERING</b>	All / Alle / Tout		403	400
<b>MONDOLFO FERRO</b>	MT1000 - MT8000 (With 28.56mm shaft)	657	283	280
	MT1000 - MT8000 (<12/2006) With 40mm over-shaft	658	403	400
	MT800			
	MT2000 / MT3000 (01/2007>)	908	403	400
	MT2310 / MT2610	908	466	460
	StartLine S202		363	360
<b>NUSSBAUM</b>	All / Alle / Tout	999	403	400
<b>RANGER</b>	All / Alle / Tout		363	360
<b>RAVAGLIOLI</b>	All / Alle / Tout (<04/2003)	588	363	360
	All / Alle / Tout (05/2003>)		404	400
<b>SAXON</b>	All / Alle / Tout	999	403	400
<b>SCHENCK</b>	All / Alle / Tout	999	403	400
<b>SICAM</b>	All / Alle / Tout	999	403	400
<b>SICE</b>	All / Alle / Tout	907	383	380
	All Truck / Alle LKW / Tout Camion	908	466	460
<b>SIRIO</b>	All Models (05/2003>)		404	400
<b>SNAP-ON (America)</b>	All / Alle / Tout (<??/2008)	957	285	400
	All / Alle / Tout (??/2008>)	958	405	400
	All Truck / Alle LKW / Tout Camion	958	403	400
<b>SPACE</b>	All Models (05/2003>)		404	400
<b>STAR</b>	SEC9 / SEC10 / SEC23 / SEC40 / SEC44 / SEC100 / SEC300		404	400
<b>TECO</b>	62 / 64 / 75 / 85	908		400
	91 / 93 / 94	908	466	460
<b>TECALEMIT (U.K.)</b>	All / Alle / Tout	999	403	400
	All / Alle / Tout (Pneumatic shaft)	999		400
<b>TIP TOP</b>	All / Alle / Tout	589	404	400
	All / Alle / Tout (Pneumatic shaft)	589	589	400
	All Truck / Alle LKW / Tout Camion	589	404	400
<b>UNITE</b>	U-100 / U-120 / U-130		363	360

BALANCER LISTING				
Brand	Model	Hub	Thread	Shaft
WERTHER	Altair / Orion / Polaris / Pulsar / Pulsar2 / Vega	589	404	400
	Pulsar2 ( <i>Pneumatic shaft</i> )	589	589	400
	Quasar	589	404	400



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