

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



vibrationsolutions
Insanely Accurate Products™



Truck Cones & Spacers

Supplemental Price List *Version 2*

Valid March 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 Euro

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




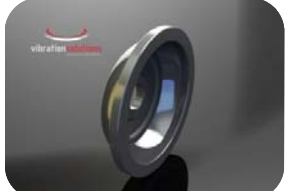
Vibration Solutions Europe ApS (*Skanderborg, Denmark*)

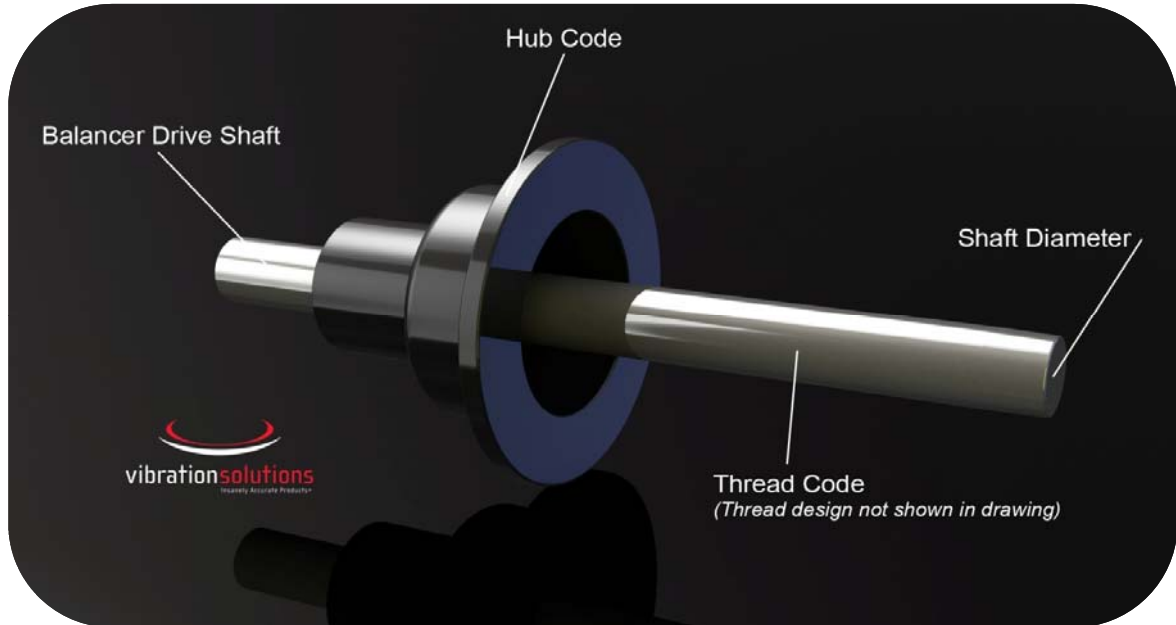
Vibration Solutions Australia (*Brisbane, Australia*)

Vibration Solutions South Africa (*Johannesburg, South Africa*)



TOP PRODUCTS		CONES & COLLETS	
Large Truck Cones & Spacers			
	<p>Large Truck Cone <i>Heavy Duty Version</i> Range: 4.725" - 6.85" (120mm - 174mm). Through hardened for durability. Modern single sided design optimizes handling and grip compared to old double sided design. Same taper/angle as other double sided truck cones.</p>	<p>L150-400-14 L150-380-14 L150-360-14 L150-280-14</p>	108.95 €
	<p>Large Truck Cone <i>Super Duty Version</i> Range: 4.725" - 6.85" (120mm - 174mm). Through hardened for durability. Then surface hardened for additional durability and rust proofing. Modern single sided design optimizes handling and grip compared to old double sided design. Same taper/angle as other double sided truck cones.</p>	V150-400-14	126.45 €
	<p>Medium Step Cone <i>Hub Centric Wheels</i> Range: 5.059" - 5.638" (128mm - 143mm). Surface hardened for durability and rust proofing. Low taper/angle for optimum balancing results on hub centric wheels, such as Ford F350 (8x200mm), GM (10x7.25"), Isuzu, Iveco, Opel, Renault and more.</p>	L150-400-35	144.20 €
	<p>Large Step Cone <i>Hub Centric Wheels</i> Range: 6.190" - 6.972" (157mm - 177mm). Surface hardened for durability and rust proofing. Low taper/angle for optimum balancing results on hub centric wheels, such as Ford F450/F550, GM (10x8.75"), Hino, Mitsubishi, Sprinter (6x205mm) and many more.</p>	L150-400-36	225.30 €
	<p>Large Truck Cone Kit <i>Heavy Duty Version</i> Includes: Large Truck Cone (L150-xx0-14) and Large Spacer Disk (L190-xx0-01).</p>	<p>L154-400-01 L154-380-01 L154-360-01 L154-280-01</p>	243.85 €
	<p>Large Truck Cone Kit <i>Super Duty Version</i> Includes: Large Truck Cone (V150-xx0-14) and Large Spacer Disk (V190-xx0-01).</p>	V154-400-01	278.10 €

TOP PRODUCTS		CONES & COLLETS	
Large Truck Cones & Spacers			
	<p>Large Truck Cone Kit <i>Total Truck</i> Includes: Large Truck Cone (V150-400-14), Medium Step Cone (L150-400-35), Large Step Cone (L150-400-36) and Large Spacer Disk (V190-400-01). Use Large Truck Cone for older wheels and Step Cones for newer hub centric wheels.</p>	V154-400-02	640.35 €
	<p>Step Cone Kit <i>Hub Centric Truck</i> Includes: Medium Step Cone (L150-400-35), Large Step Cone (L150-400-36) and Large Spacer Disk (V190-400-01).</p>	V154-400-03	511.20 €
	<p>Large Spacer Disk <i>Heavy Duty Version</i> Outside Diameter: 8.74" (222mm). Through hardened for durability. Precision ground for superior balancing results. Far more accurate and longer lasting than spacer disks made from aluminum, plastic or carbon steel.</p>	L190-400-01 L190-380-01 L190-360-01 L190-280-01	139.10 €
	<p>Large Spacer Disk <i>Super Duty Version</i> Outside Diameter: 8.74" (222mm). Through hardened for durability. Then surface hardened for additional dent resistance and rust proofing. Precision ground for superior balancing results. Far more accurate and longer lasting than spacer disks made from aluminum, plastic or carbon steel.</p>	V190-400-01	155.85 €



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
BUTLER	All / Alle / Tout		404	400
CEMB	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
COATS	700 / 850 / 1000 / 1001 / 1004 / 1025 / 1050 / 1055 / 1250 (With Coats 28.56mm stub shaft)	937	288	280
	700 / 850 / 1000 / 1001 / 1004 / 1025 / 1050 / 1055 / 1250 (With 28.56mm shaft & Quicknut)	937	283	280
	700 / 850 / 1000 / 1001 / 1004 / 1025 / 1050 / 1055 / 1250 (With Coats 40mm over-shaft)	938	488	400
	700 / 850 / 1000 / 1001 / 1004 / 1025 / 1050 / 1055 / 1250 (With 40mm over-shaft & Quicknut)	938	403	400
	XR1750 / XR1800 / XR1850	589	404	400
	775 / 875 / 1175	589	488	400
	6200HS	957	285	280
	6401	888	N/A	510
CORGI	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
CORMACH	FC290 / FC310 / F350 / FC370 / FC390	589	404	400
	B92	589	404	400
COSENG / ATLAS	C301 / C311 / C322 / C366		363	360
FAIP	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
FASEP	All / Alle / Tout		383	380
	All Truck / Alle LKW / Tout Camion			
FFB / FOG	All / Alle / Tout	999	403	400
	All / Alle / Tout (Pneumatic shaft)	999		400
FMC	4100 / 5800	827	404	400
	4100 / 4300 / 5800 (Removeable Hub/Shaft)	998	404	400

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

BALANCER LISTING				
Brand	Model	Hub	Thread	Shaft
M & B ENGINEERING	All / Alle / Tout		403	400
MONDOLFO FERRO	MT1000 - MT8000 (<i>With 28.56mm shaft</i>)	657	283	280
	MT1000 - MT8000 (<12/2006) <i>With 40mm over-shaft</i>	658	403	400
	MT800			
	MT2000 / MT3000 (01/2007>)	908	403	400
	MT2310 / MT2610	908	466	460
	StartLine S202		363	360
NUSSBAUM	All / Alle / Tout	999	403	400
RANGER	All / Alle / Tout		363	360
RAVAGLIOLI	All / Alle / Tout (<04/2003)	588	363	360
	All / Alle / Tout (05/2003>)		404	400
SAXON	All / Alle / Tout	999	403	400
SCHENCK	All / Alle / Tout	999	403	400
SICAM	All / Alle / Tout	999	403	400
SICE	All / Alle / Tout	907	383	380
	All Truck / Alle LKW / Tout Camion	908	466	460
SIRIO	All Models (05/2003>)		404	400
SNAP-ON (America)	All / Alle / Tout (<??/2008)	957	285	400
	All / Alle / Tout (??/2008>)	958	405	400
	All Truck / Alle LKW / Tout Camion	958	403	400
SPACE	All Models (05/2003>)		404	400
STAR	SEC9 / SEC10 / SEC23 / SEC40 / SEC44 / SEC100 / SEC300		404	400
TECO	62 / 64 / 75 / 85	908		400
	91 / 93 / 94	908	466	460
TECALEMIT (U.K.)	All / Alle / Tout	999	403	400
	All / Alle / Tout (<i>Pneumatic shaft</i>)	999		400
TIP TOP	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
UNITE	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
	<i>Pulsar2 (Pneumatic shaft)</i>	589	589	400
	Quasar	589	404	400



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