



**Wiseco is proud to announce the addition of Crankshafts & Connecting Rods from K1 Technologies**

As a Carrillo Company, K1 has the engineering expertise and dedication to performance expected of PMi companies. K1 offers an ever expanding line up of Acura, Honda, Integra, Mitsubishi and Subaru components.

Connecting rods are available in H-beam billet, I-beam billet, and I-beam forged. Beginning with certified 4340 alloy material and designed with perfect cross-sections and proper radii enables K1 rods to withstand greater power levels and piston speeds. To ensure tighter tolerances and superior finish levels, K1 utilizes the latest CNC equipment and properly maintained tooling.

Forged 4340 crankshafts are designed for extra durability at reduced weight. K1 puts forth extra time designing, and CNC programming, to ensure cranks with reduced rotating weight without compromising strength. Knowledgeable engine builders will immediately spot the high degree of finish detail on counterweights and journals. Best of all, K1 understands that engine builders need parts that are ready to install quickly with minimal work.

Check for updates to the product listings at [wiseco.com](http://wiseco.com) & [k1technologies.com](http://k1technologies.com).

Contact your friendly Wiseco sales associate for details regarding the purchase of K1 components.



**K1 Rods**

Model	Engine Code	Part #	Type	Rod Length	Housing Bore	Shaft Size	Piston Pin Size	Bolt Size	Gram Weight
Honda/Acura/Integra	B18A/B S/4	HH5394ACFB4	Billet H-Beam	5.394	1.890	1.771	.827	3/8	501
Honda/Acura/Integra 1.8	B18C S/4	HH5433ACFB4	Billet H-Beam	5.433	1.890	1.771	.827	3/8	500
Honda H22 Vtec	H22 VTEC	HH5636AEGB	Billet H-Beam	5.636	2.008	1.890	.866	3/8	530
Mitsubishi 4G63 (2nd Gen.)	4G63 S/4	MH5906ACGB4	Billet H-Beam	5.906	1.890	1.771	.866	3/8	595
Subaru EJ18/20/25	EJ20 S/4	SH5137AJJB4	Billet H-Beam	5.137	2.165	2.047	.906	3/8	568



**K1 Crankshafts**

Model & Billet	Engine Code	Part #	Stroke	Main & Rod Journal	Flange	Weight
Mitsubishi 4340 Billet	4G63	M8804G63	88mm	4G63	7-Bolt	32 lbs.
		M9404G63	94mm			
		M9704G63	97mm			
		M10004G63	100mm			
Mitsubishi 4340 Billet (Lightweight)	4G63	M8804G63-L	88mm	4G63	7-Bolt	31 lbs.
		M9704G63-L	97mm			
		M10004G63-L	100mm			
Nissan 4340 Billet	SR20	N920SR20	92mm	SR20	8-Bolt	42 lbs.
Subaru 4340 Billet (Dual Thrust)	EJ20/25	S750EJ20D	75mm	EJ20/25	8-Bolt	21 lbs.
		S790EJ25D	79mm			
		S800EJ25D	80mm			



## Rods for Sport Compact

Carrillo is acknowledged as the world leader in connecting rods. Thorough research and development of individual engine applications take into account the engine's architecture and the loads it will see. You will see no "one size fits all" forgings, which ultimately add reciprocating weight and stress to the engine. Although other companies have copied the look of a Carrillo Rod, it's the metallurgy that ultimately determines the strength of the connecting rod.

Carrillo uses proprietary chrome, nickel, moly vanadium alloys purchased in lots of 100 metric tons. This is a custom designed material meeting all vacuum arc re-melt ASTM standards. The heat is validated, both by the supplier and an independent metallurgist to confirm the physical and chemical properties of steel. All heat treat processes are via a mar-aged operation resulting in UTS of 195,000 and a yield of 182,000 while maintaining the critical element of low notch-sensitivity and ductility. All critical CNC machines at Carrillo or equipped with probing to accurately validate dimensional integrity. Each part is magnafluxed at least twice and Rockwell tested to validate the heat treat.

A final 200% shot-peen operation completes the part. Rod bolts are jointly designed by SPS and Carrillo. H11 tool steel w/220,000 UTS as well as Multi-phase™ 285,000 UTS are the materials used. Each fastener employs a patented thread design as well as the highest dimensional integrity in the industry. Each lot is sample tested destructively as well for UTS and Fatigue.

### PRO H Design (Sold as singles)

MODEL	CYL	PART NUMBER*	BOLT SIZE	LENGTH		BIG END BORE		PIN DIA	WEIGHT GRAMS** Tot. / Rotate / Recip.
				Inches	Metric	Inches	Metric		
<b>ACURA/HONDA</b>									
Honda B16A V-TEC	4	HN-B16A>-55287S	5/16 CARR	5.287	134.30	1.890	47.998	21mm	441 / 323 / 118
Honda B18C V-TEC	4	AA-VTC>-65433S	3/8 CARR	5.433	138.00	1.890	47.998	21mm	505 / 366 / 139
Honda B18C V-TEC	4	AA-VTC>-65433H	3/8 WMC	5.433	138.00	1.890	47.998	21mm	500 / 361 / 139
Honda B18A, B	4	HN-B18>-65394H	3/8 WMC	5.394	137.00	1.890	47.998	21mm	515 / 381 / 134
Honda B18A, B	4	HN-B18>-65394S	3/8 CARR	5.394	137.00	1.890	47.998	21mm	515 / 381 / 134
Acura RSX 2003 Civic SI (K20A)	4	AA-RSX>-65472S	3/8 CARR	5.472	139.00	2.008	51.003	22mm	526 / 375 / 151
Acura RSX 2003 Civic SI (K20A)	4	AA-RSX>-65472H	3/8 WMC	5.472	139.00	2.008	51.003	22mm	521 / 370 / 151
<b>NISSAN</b>									
Nissan RB26	6	DA-RB2>-64783S	3/8 CARR	4.783	121.50	2.008	51.003	21mm	507 / 371 / 136
Nissan RB26	6	DA-RB2>-64783H	3/8 WMC	4.783	121.50	2.008	51.003	21mm	502 / 366 / 136
Nissan SR20	4	NI-SR2>-65364S	3/8 CARR	5.364	136.25	2.008	51.003	22mm	545 / 388 / 157
Nissan SR20	4	NI-SR2>-65364H	3/8 WMC	5.364	136.25	2.008	51.003	22mm	540 / 383 / 157
Nissan VG30	6	NI-VG3>-66070S	3/8 CARR	6.070	154.20	2.087	53.000	22mm	556 / 389 / 167
Nissan VG30	6	NI-VG3>-66070H	3/8 WMC	6.070	154.20	2.087	53.000	22mm	551 / 384 / 167
Nissan VQ35	6	NI-Q35>-65676S	3/8 CARR	5.676	144.20	2.165	55.000	22mm	544 / 383 / 161
Nissan VQ35	6	NI-Q35>-65676H	3/8 WMC	5.676	144.20	2.165	55.000	22mm	539 / 378 / 161
<b>MAZDA</b>									
Mazda Miata 1.6/ 1.8	4	MA-323>-55234S	5/16 CARR	5.234	133.00	1.890	48.014	20mm	440 / 310 / 130
<b>MITSUBISHI</b>									
Mitsubishi - 4G63 2nd Gen & Lancer EVO	4	MI-4G6T>-65906S	3/8 CARR	5.906	150.00	1.890	47.998	22mm	567 / 396 / 171
Mitsubishi - 4G63 2nd Gen & Lancer EVO	4	MI-4G6T>-65906H	3/8 WMC	5.906	150.00	1.890	47.998	22mm	566 / 393 / 173
<b>SUBARU</b>									
Subaru 2ltr & STI 2.5	4	SB-2LTR>-65137S	3/8 CARR	5.137	130.50	2.165	55.000	23mm	524 / 374 / 150
Subaru 2ltr & STI 2.5	4	SB-2LTR>-65137H	3/8 WMC	5.137	130.50	2.165	55.000	23mm	519 / 368 / 151
<b>TOYOTA</b>									
Toyota Supra 2JZ	6	TO-2JZ>-65590S	3/8 CARR	5.590	142.00	2.167	55.032	22mm	600 / 428 / 172
Toyota Supra 2JZ	6	TO-2JZ>-65590H	3/8 WMC	5.590	142.00	2.167	55.032	22mm	595 / 423 / 172
Toyota 2ZZ-GE	4	TO-2ZZ-GE>-65433S	3/8 CARR	5.433	138.00	1.890	48.001	20mm	
Toyota 2ZZ-GE	4	TO-2ZZ-GE>-65433H	3/8 WMC	5.433	138.00	1.890	48.001	20mm	
Toyota 3SG	4	TO-3SG>-65433S	3/8 CARR	5.433	138.00	2.008	51.003	22mm	
Toyota 3SG	4	TO-3SG>-65433H	3/8 WMC	5.433	138.00	2.008	51.003	22mm	
<b>VOLKSWAGEN</b>									
Volkswagen GTI 1.8L	4	VW-GTI>-65670S	3/8 CARR	5.670	144.00	1.993	50.617	20mm	578 / 408 / 170
Volkswagen GTI 1.8L	4	VW-GTI>-65670H	3/8 WMC	5.670	144.00	1.993	50.617	20mm	573 / 403 / 170
Volkswagen ABA 2.0L	4	VW-ABA>-66260S	3/8 CARR	6.260	159.00	1.993	50.617	21mm	
Volkswagen ABA 2.0L	4	VW-ABA>-66260H	3/8 WMC	6.260	159.00	1.993	50.617	21mm	



## H-Beam

Often imitated but never equalled, Carrillo's H-Beam design is the absolute strongest and best quality connecting rod you can buy.



## A-Beam

Carrillo's latest A-Beam design is economically priced, yet engineered with the strength-to-weight ratio needed for each individual engine application.

### PRO A Design (Sold as singles)

MODEL	CYL	PART NUMBER*	BOLT SIZE	LENGTH		BIG END BORE		PIN DIA	WEIGHT GRAMS** Tot. / Rotate / Recip.
				Inches	Metric	Inches	Metric		
<b>ACURA / HONDA</b>									
Honda / Acura B16A V-TEC	4	HN-B16<A-55287H	5/16 WMC	5.287	134.30	1.890	47.998	21mm	420 / 303 / 117
Honda / Acura B18A & B18B	4	HN-B18<A-55394H	5/16 WMC	5.394	137.00	1.890	47.998	21mm	421 / 305 / 116
Honda / Acura B18C V-TEC	4	AA-VTC<A-55433H	5/16 WMC	5.433	138.00	1.890	47.998	21mm	411 / 291 / 120
Honda / Acura H22 V-TEC	4	HN-2.2<A-65636H	5/16 WMC	5.636	143.00	2.008	51.003	22mm	484 / 359 / 125
<b>MAZDA</b>									
Mazda Miata 1.6/ 1.8	4	MA-323<A-55234H	5/16 WMC	5.234	133.00	1.890	48.014	20mm	416 / 291 / 125
<b>MITSUBISHI</b>									
Mitsubishi - 4G63 1st Generation	4	MI-4G6<A-65906H	3/8 WMC	5.906	150.00	1.890	47.998	21mm	516 / 374 / 142
Mitsubishi - 4G63 2nd Gen. & Lancer EVO	4	MI-4GT<A-65906H	3/8 WMC	5.906	150.00	1.890	47.998	22mm	509 / 366 / 143
<b>NISSAN</b>									
Nissan RB26	6	DA-RBA<A-64783H	3/8 WMC	4.783	121.50	2.008	51.003	21mm	474 / 358 / 116
Nissan SR20	4	NI-SR2A<A-65364H	3/8 WMC	5.364	136.25	2.008	51.003	22mm	511 / 374 / 137
Nissan VG30	6	NI-VG3<A-66070H	3/8 WMC	6.070	154.20	2.087	53.000	22mm	499 / 363 / 136
Nissan VQ35	6	NI-Q35<A-65676H	3/8 WMC	5.676	144.20	2.165	55.000	22mm	493 / 363 / 130
<b>SUBARU</b>									
Subaru 2ltr & STI 2.5	4	SB-2LTR<A-65137H	3/8 WMC	5.137	130.50	2.165	55.000	23mm	509 / 369 / 140
<b>TOYOTA</b>									
Toyota Supra 2JZ	6	TO-2JZ<A-65590H	3/8 WMC	5.590	142.00	2.167	55.032	22mm	524 / 385 / 139
Toyota 3SG	4	TO-3SG<A-65433H	3/8 WMC	5.433	138.00	2.008	51.003	22mm	532 / 389 / 143
<b>VOLKSWAGEN</b>									
Volkswagen GTI 1.8L	4	VW-GTI<A-65670H	3/8 WMC	5.670	144.00	1.993	50.617	20mm	

**H** = H-11 Tool steel bolts (220,000 PSI Tensile)

**S** = SPS Carr bolts (285,000 Tensile)

*Weights and dimensions are for reference only. Actual weight may vary. All sets weight matched to +1 gram per end.*

These gaskets use a high pressure steel laminate design. They will withstand extremely high shear forces that occur between an aluminum head and iron block.

It's internal embossments expand with heat to create a better seal when under extremely high combustion pressures and temperatures - as is the case with heavy nitrous and turbo-charged applications.



## Acura/Honda

Engine Type	Max bore	Thickness	Part #	Notes
B16, B17, B18c	82	0.030	<b>W6167</b>	Vtec
B16, B17, B18c	84	0.030	<b>W6084</b>	Vtec
B16, B17, B18c	82	0.030	<b>W6086</b>	Non Vtec
B16, B17, B18c	85	0.030	<b>W6291</b>	Vtec
B18, B20	85	0.030	<b>W6087</b>	Non Vtec
B18, B20	84	0.030	<b>W6089</b>	Vtec
B18, B20	85	0.030	<b>W6292</b>	Hybrid VTEC
B18, B20	86.5	0.030	<b>W6293</b>	Hybrid VTEC
D15, D16	78	0.030	<b>W6085</b>	
D15, D16	76	0.030	<b>W6170</b>	
H22a1/a2	88	0.030	<b>W6088</b>	
H22	90	0.030	<b>W6412</b>	
K20a1/a2/a3	87	0.030	<b>W6295</b>	
K20a1/a2/a3	89	0.030	<b>W6296</b>	
NSX 3.0 and 3.2	95	0.030	<b>W6294</b>	Need 2

## BMW

Engine Type	Max bore	Thickness	Part #	Notes
M10B18/B20	90	0.052	<b>W6297</b>	1972-1988
M10	92	0.065	<b>W6300</b>	1766 and 1990cc
S14B20/B23	95	0.065	<b>W6301</b>	1986-1992
Mini Cooper	78.5	0.027	<b>W6298</b>	
S50B30/S52B32 U.S.	87	0.065	<b>W6299</b>	1992-99 M3-Z3

## Chrysler

Engine Type	Max bore	Thickness	Part #	Notes
2.0 & 2.4 Neon	87.5	0.040	<b>W6168</b>	420a
2.0 & 2.4 Neon	88.5	0.040	<b>W6169</b>	420a
2.2 SOHC	89.5	0.065	<b>W6303</b>	1982-90
2.5 SOHC	89.5	0.065	<b>W6303</b>	1986-95
2.2 DOHC	89.5	0.065	<b>W6302</b>	91-93

## Ford

Engine Type	Max bore	Thickness	Part #	Notes
2.0 SOHC NEP	92.5	0.040	<b>W6305</b>	
2.3	3.840	0.040	<b>W6306</b>	Pinto
Ford/Mazda 2.0L	84	0.036	<b>W6337</b>	FS engine code

## GM

Engine Type	Max bore	Thickness	Part #	Notes
ECOTEC 2.2	87	0.040	<b>W6307</b>	

## Mazda

Engine Type	Max bore	Thickness	Part #	Notes
Miata 1.6	80	0.040	<b>W6308</b>	
Ford/Mazda 2.0L	84	0.036	<b>W6337</b>	FS engine code

## Mitsubishi

Engine Type	Max bore	Thickness	Part #	Notes
4G63	87	0.054	<b>W6091</b>	1st gen, 2nd gen,
4G63	86	0.054	<b>W6309</b>	Evo 8
4G63/4G64	88	0.050	<b>W6038</b>	Copper
6G72	95	0.054	<b>W6171</b>	3000GT
420a	88.5	0.040	<b>W6169</b>	non turbo Eclipse

## Nissan

Engine Type	Max bore	Thickness	Part #	Notes
SR20/SR20DET	88.5	0.030	<b>W6172</b>	
KA24DE	90	0.040	<b>W6310</b>	
FJ20	90	0.040	<b>W6311</b>	
CA18 DOHC	85	0.051	<b>W6582</b>	
CA18 SOHC	85	0.051	<b>W6581</b>	
VG30DETT	88	0.040	<b>W6312</b>	Need 2
VQ35	96	0.030	<b>W6422</b>	Right
			<b>W6423</b>	Left

## Subaru

Engine Type	Max bore	Thickness	Part #	Notes
EJ20	93	0.054	<b>W6174</b>	Need 2
EJ22SOHC TURBO	98	0.051	<b>W6319</b>	Need 2
EJ22T	98	0.040	<b>W6432</b>	Need 2
EJ25	100	0.040	<b>W6320</b>	Need 2

## Toyota/Lexus

Engine Type	Max bore	Thickness	Part #	Notes
4AGE	83	0.040	<b>W6092</b>	
2TC/3TC	89	0.040	<b>W6175</b>	
20R/22R/22RE	95	0.040	<b>W6176</b>	
3SGTE	87	0.040	<b>W6328</b>	
5S-FE	88	0.040	<b>W6329</b>	
7MGTE	84	0.054	<b>W6327</b>	1986-1992 Supra
2JZGTE	87	0.054	<b>W6326</b>	1993+Supra

## Volkswagen

Engine Type	Max bore	Thickness	Part #	Notes
AAM/ABS/ADZ 1.8	83	0.054	<b>W6177</b>	
2E/ADY/ABF/AGG/9A	85	0.054	<b>W6178</b>	