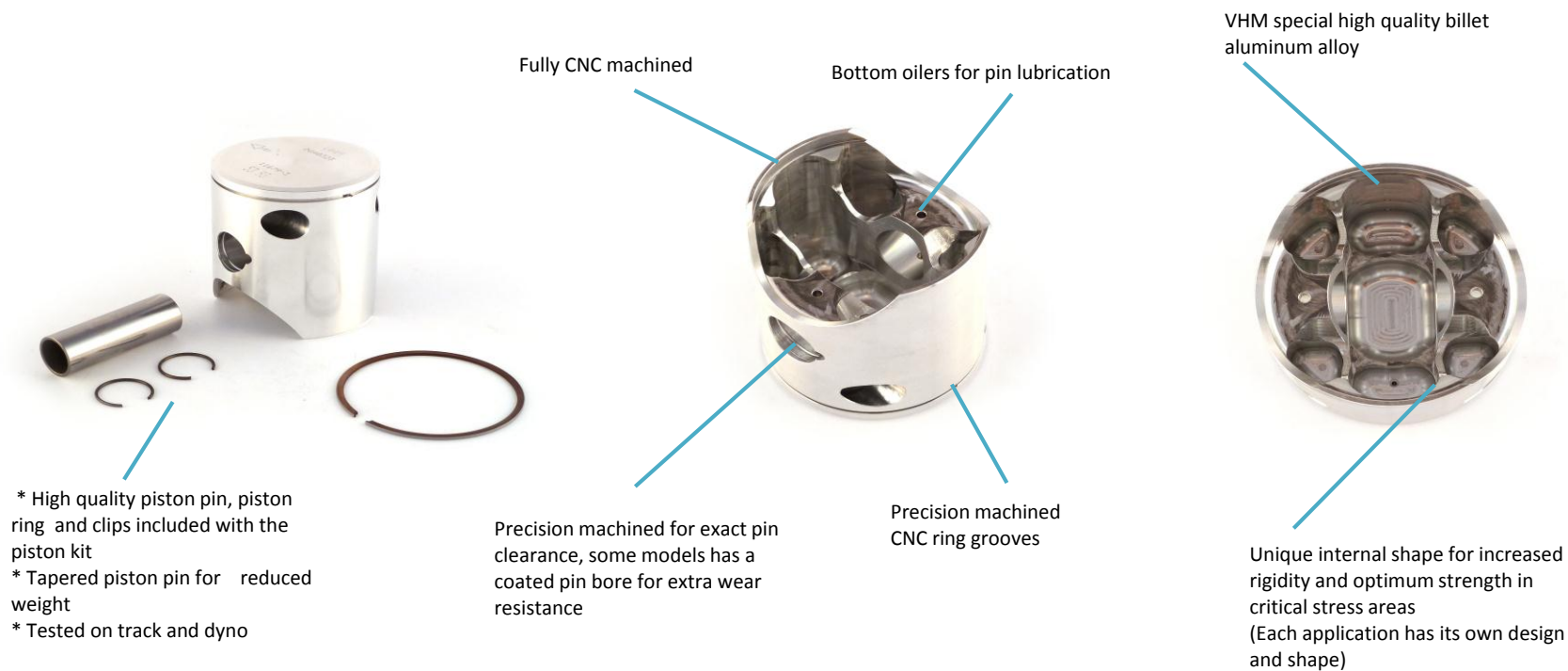


VHM *Billet pistons*

VHM pistons are 100% CNC machined from high quality solid billet material specially manufactured according our specifications. The pistons are machined on every surface allowing for all unnecessary weight to be removed during manufacturing. It will give the highest uniformity of material thickness on skirts and the general body. This will result in a lighter and stronger piston giving the best performances.

Features VHM billet pistons



VHM *Billet pistons*

Brand & model	Year	Remark	OEM / SP	Ø piston [mm]	Piston-cylinder clearance [mm]	Piston ring end gap [mm]	VHM piston kit	Piston ring	Piston pin	Piston clip	VHM insert
Honda											
RS125 / RS250			OEM	53,92	0,07	0,25+0,10	APHO12521708A1	APR540.8	APP1545	APC151.1	
			OEM	53,93	0,07	0,25+0,10	APHO12521708A	APR540.8	APP1545	APC151.1	
			OEM	53,94	0,07	0,25+0,10	APHO12521708B	APR540.8	APP1545	APC151.1	
RS125 / RS250		Ø14 piston pin	OEM	53,93	0,07	0,25+0,10	APHO12521717A	APR540.8	APP1445	APC141.1	
		Ø14 piston pin	OEM	53,94	0,07	0,25+0,10	APHO12521717B	APR540.8	APP1445	APC141.1	
Kreidler											
50cc Air Cooled		Ø12 piston pin		39,95	0,03+0,01	0,20+0,10	APKR05011676A	APR401.0	APP1233	APC121.0	
		Ø12 piston pin		39,96	0,03+0,01	0,20+0,10	APKR05011676B	APR401.0	APP1233	APC121.0	
		Ø12 piston pin		39,97	0,03+0,01	0,20+0,10	APKR05011676C	APR401.0	APP1233	APC121.0	
		Ø12 piston pin		39,98	0,03+0,01	0,20+0,10	APKR05011676D	APR401.0	APP1233	APC121.0	
		Ø12 piston pin		39,99	0,03+0,01	0,20+0,10	APKR05011676E	APR401.0	APP1233	APC121.0	
		Ø12 piston pin		40,00	0,03+0,01	0,20+0,10	APKR05011676F	APR401.0	APP1233	APC121.0	
60cc Air Cooled		Ø12 piston pin		43,94	0,04	0,20+0,10	APKR06011683A1	APR441.0	APP1237	APC121.0	
		Ø12 piston pin		43,95	0,04	0,20+0,10	APKR06011683A	APR441.0	APP1237	APC121.0	
		Ø12 piston pin		43,96	0,04	0,20+0,10	APKR06011683B	APR441.0	APP1237	APC121.0	
		Ø12 piston pin		43,97	0,04	0,20+0,10	APKR06011683C	APR441.0	APP1237	APC121.0	
60cc Air Cooled		Ø14 piston pin		43,95	0,04	0,20+0,10	APKR06011699A	APR441.0	APP1437	APC141.0	
		Ø14 piston pin		43,96	0,04	0,20+0,10	APKR06011699B	APR441.0	APP1437	APC141.0	
		Ø14 piston pin		43,97	0,04	0,20+0,10	APKR06011699C	APR441.0	APP1437	APC141.0	
		Ø14 piston pin		43,98	0,04	0,20+0,10	APKR06011699D	APR441.0	APP1437	APC141.0	
Kawasaki											
KX85	2014			48,45	0,05	0,20+0,10	APKX08521710B	APR4851.0	APP1441	APC141.1	
KTM											
85 SX	2003	2015	OEM	46,94	0,05	0,20+0,10	APKT08521681A1	APR471.0	APP1441	APC141.1	
			OEM	46,95	0,05	0,20+0,10	APKT08521681A	APR471.0	APP1441	APC141.1	
			OEM	46,96	0,05	0,20+0,10	APKT08521681B	APR471.0	APP1441	APC141.1	
85 SX	2003	2015	SP	46,94	0,05	0,20+0,10	APKT08521707A1	APR471.0	APP1441	APC141.1	AE32226-056
			SP	46,95	0,05	0,20+0,10	APKT08521707A	APR471.0	APP1441	APC141.1	AE32226-056
			SP	46,96	0,05	0,20+0,10	APKT08521707B	APR471.0	APP1441	APC141.1	AE32226-056
			SP	46,97	0,05	0,20+0,10	APKT08521707C	APR471.0	APP1441	APC141.1	AE32226-056
125 SX	2001	2015	OEM	53,95	0,05	0,35+0,10	APKT12511691A	APR541.0KEY	APP1545	APC151.0	
			OEM	53,96	0,05	0,35+0,10	APKT12511691B	APR541.0KEY	APP1545	APC151.0	
			OEM	53,97	0,05	0,35+0,10	APKT12511691C	APR541.0KEY	APP1545	APC151.0	
			OEM	53,98	0,05	0,35+0,10	APKT12511691D	APR541.0KEY	APP1545	APC151.0	
125 SX	2001	2015	SP	53,95	0,05	0,35+0,10	APKT12511673A	APR541.0KEY	APP1545	APC151.0	AE32128-048
			SP	53,96	0,05	0,35+0,10	APKT12511673B	APR541.0KEY	APP1545	APC151.0	AE32128-048
Malossi											
50cc		20 mm		39,94	0,05	0,20+0,10	APMA05011689A1	APR401.0	APP1233	APC121.0	
		20 mm		39,95	0,05	0,20+0,10	APMA05011689A	APR401.0	APP1233	APC121.0	
		20 mm		39,96	0,05	0,20+0,10	APMA05011689B	APR401.0	APP1233	APC121.0	
		20 mm		39,97	0,05	0,20+0,10	APMA05011689C	APR401.0	APP1233	APC121.0	

VHM *Billet pistons*

Brand & model	Year	Remark	OEM / SP	Ø piston [mm]	Piston-cylinder clearance [mm]	Piston ring end gap [mm]	VHM piston kit	Piston ring	Piston pin	Piston clip	VHM insert
Malossi											
50cc		25mm		39,95	0,05	0,20+0,10	APMA05011712A	APR401.0	APP1233	APC121.0	
		25mm		39,96	0,05	0,20+0,10	APMA05011712B	APR401.0	APP1233	APC121.0	
50cc Derbi	2015	20mm		39,84	0,05	0,20+0,10	APMA05011710B	APR3988-1.0	APP1233	APC121.0	
		20mm		39,85	0,05	0,20+0,10	APMA05011710C	APR3988-1.0	APP1233	APC121.0	
50cc Derbi	2015	25mm		39,84	0,05	0,20+0,10	APMA05011709B	APR3988-1.0	APP1233	APC121.0	
MBA											
125cc twin		Ø12 piston pin		43,94	0,04	0,20+0,10	APKR06011683A1	APR441.0	APP1237	APC121.0	
		Ø12 piston pin		43,95	0,04	0,20+0,10	APKR06011683A	APR441.0	APP1237	APC121.0	
		Ø12 piston pin		43,96	0,04	0,20+0,10	APKR06011683B	APR441.0	APP1237	APC121.0	
		Ø12 piston pin		43,97	0,04	0,20+0,10	APKR06011683C	APR441.0	APP1237	APC121.0	
Minarelli											
AM6 50cc				40,25	0,04	0,20+0,10	APMI05011694A	APR4031.0	APP1233	APC121.0	
				40,26	0,04	0,20+0,10	APMI05011694B	APR4031.0	APP1233	APC121.0	
TM											
MX85	2013	2015	OEM Bore Ø47,95	47,86	0,06	0,30+0,10	APTM08521702B	APR481.0	APP1338.5	APC131.0	
			OEM Bore Ø47,95	47,87	0,06	0,30+0,10	APTM08521702C	APR481.0	APP1338.5	APC131.0	
			OEM Bore Ø47,95	47,88	0,06	0,30+0,10	APTM08521702D	APR481.0	APP1338.5	APC131.0	
			OEM Bore Ø47,95	47,89	0,06	0,30+0,10	APTM08521702E	APR481.0	APP1338.5	APC131.0	
			OEM Bore Ø47,95	47,90	0,06	0,30+0,10	APTM08521702F	APR481.0	APP1338.5	APC131.0	
K9B/C, KZ10	2008	2012	7.5°	OEM	53,93	0,08	0,35+0,10	APTM12521690A	APR541.0	APP1545	APC151.1
KZ10B	2013	2015	4°	OEM	53,92	0,085	0,35+0,10	APTM12521704A1	APR541.0	APP1545	APC151.1SP AE32203-279
			4°	OEM	53,93	0,085	0,35+0,10	APTM12521704A	APR541.0	APP1545	APC151.1SP AE32203-279
			4°	OEM	53,94	0,085	0,35+0,10	APTM12521704B	APR541.0	APP1545	APC151.1SP AE32203-279
KZ10B	2013	2015	Flat top radius	SP	53,93	0,085	0,35+0,10	APTM12521718A	APR541.0	APP1545	APC151.1SP AE32203-276
			Flat top radius	SP	53,94	0,085	0,35+0,10	APTM12521718B	APR541.0	APP1545	APC151.1SP AE32203-276
Yamaha											
YZ125	2005	2015		OEM	53,93	0,05	0,35+0,10	APYZ12511679A2	APR541.0	APP1545	APC151.0
				OEM	53,94	0,05	0,35+0,10	APYZ12511679A1	APR541.0	APP1545	APC151.0
				OEM	53,95	0,05	0,35+0,10	APYZ12511679A	APR541.0	APP1545	APC151.0
YZ125	2005	2015	New design, use s/e bearing 20 mm width, Prox 21.3206 - Vertex VXHR8 WB111	OEM	53,94	0,05	0,35+0,10	APYZ12521705A1	APR541.0	APP1545	APC151.1
			New design, use s/e bearing 20 mm width, Prox 21.3206 - Vertex VXHR8 WB111	OEM	53,95	0,05	0,35+0,10	APYZ12521705A	APR541.0	APP1545	APC151.1
			New design, use s/e bearing 20 mm width, Prox 21.3206 - Vertex VXHR8 WB111	OEM	53,96	0,05	0,35+0,10	APYZ12521705B	APR541.0	APP1545	APC151.1

VHM *Billet pistons*

Brand & model	Year	Remark	OEM / SP	Ø piston [mm]	Piston-cylinder clearance [mm]	Piston ring end gap [mm]	VHM piston kit	Piston ring	Piston pin	Piston clip	VHM insert
YZ125	2005	2015									
			Use +3 mm conrod (105mm)	SP	53,94	0,05	0,35+0,10	APYZ12521714A1	APR541.0	APP1545	APC151.1
		Use +3 mm conrod (105mm)	SP	53,95	0,05	0,35+0,10	APYZ12521714A	APR541.0	APP1545	APC151.1	
TZ125, TZ250	2000	2008									
			OEM	53,93	0,07	0,25+0,10	APYA12521716A	APR540.8	APP1545	APC151.1	
			OEM	53,94	0,07	0,25+0,10	APYA12521716B	APR540.8	APP1545	APC151.1	

Code	Description
OEM	Same as original
SP	Special developed by VHM engineers
	Prototype piston, in development