



Cylinder Base / Head Gaskets / Spacers

Here are a few examples of how spacers may be used. For anyone who wants to delve into this subject, we recommend that they take a look at known internet forums, e.g. the SIP forum, GSF, et3.it, etc. This is where Vespa fans discuss their experience on this subject.

Cylinder	Head Spacer	Head milled	Base Spacer	Base milled	Stroke	Outlet	Over-current	blow-down	outcome
POLINI 130cc	-	2mm	2mm	-	51mm				w/ VSP, short 4th and 2.86 ratio, 16 hp possible
POLINI 130cc	-	-	5mm	3mm	51mm				cylinder 2mm milled on top, w/ VSP Race and 245cc carb a lot of oomph
PX200 12PS	-	-	-	-	57mm	164°	115°		little bit more power at lower range and little bit more top speed through longer
PX200 12PS	-	-	1,5mm	-	60mm	171°	124°	23°	more revs in the mid/upper range, narrow power band, higher economy
PX200 12PS	1,5mm	-	-	-	60mm	165°	121°	22°	more torque in lower/mid range, wide power band
PX200 12PS	0,5mm	-	1mm	-	60mm	167°	122,5	22,5°	more revs in the mid/upper range, a bit narrower/wider band
MALOSSI 210	-	-	-	-	57mm	180°	120°	30°	
MALOSSI 210	1,5mm	-	-	-	60mm	168°	118°	28°	brute torque, tourer combination
MALOSSI 210	-	-	1,5mm	-	60mm	187°	131°	28°	lots of HP, little torque