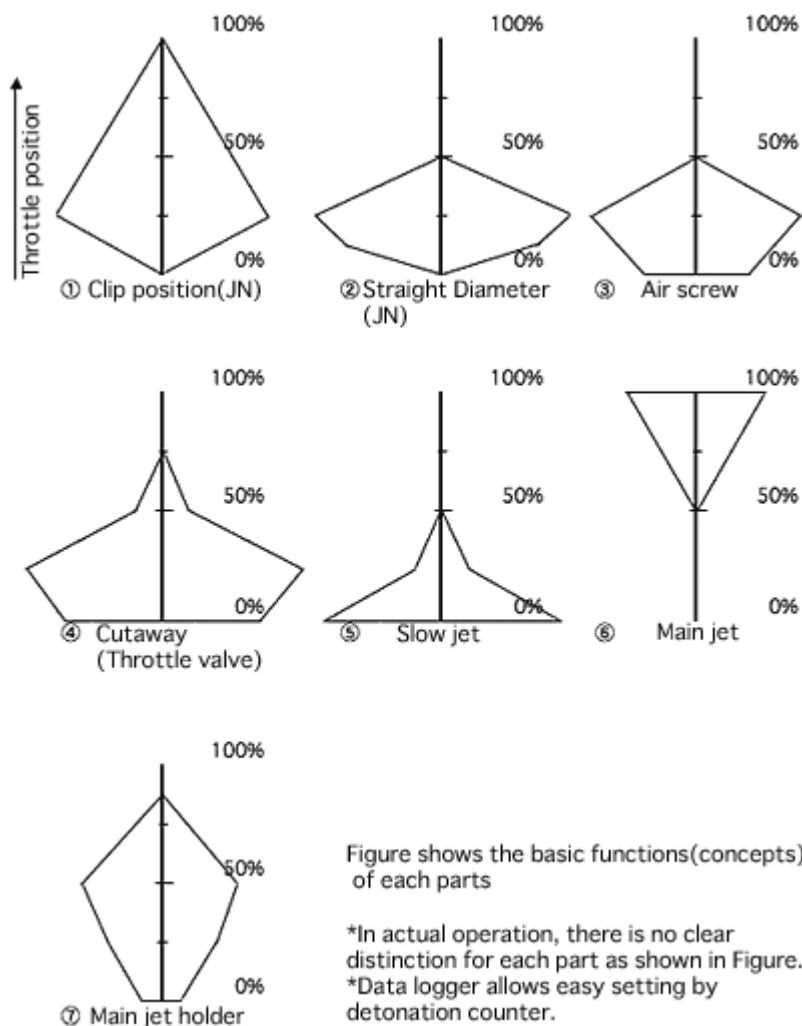


TECHNICAL

Functions of carburetor parts

RS125R / RS250R

Basic functions of each parts

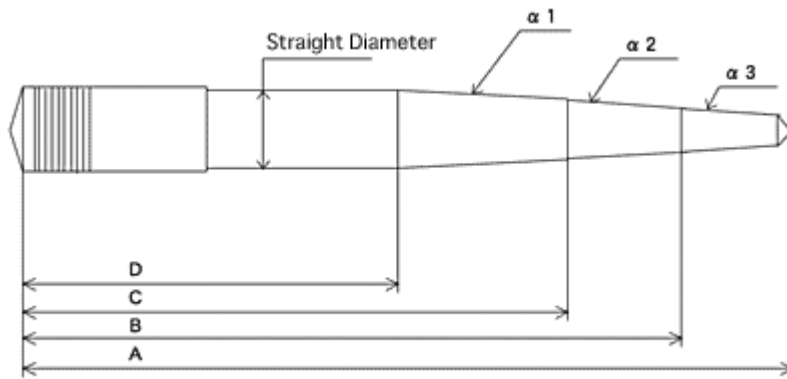


Jet needle

Application of jet needle depends on which carburetor you are using, So please use appropriate jet needle for your carburetor. Jet needles in Fig(1) and (2) has different length and tapered angles.

Using in appropriate jet needles will cause trouble.

Fig.1



Comparing taper angle	$\alpha 1$	$\alpha 2$	$\alpha 3$
(1) 12••/34(33)66/2351/1159	1°24'	2°39'	1°15'
(2) R12••N(M)-1157D	1°24'	3°15'	1°15'

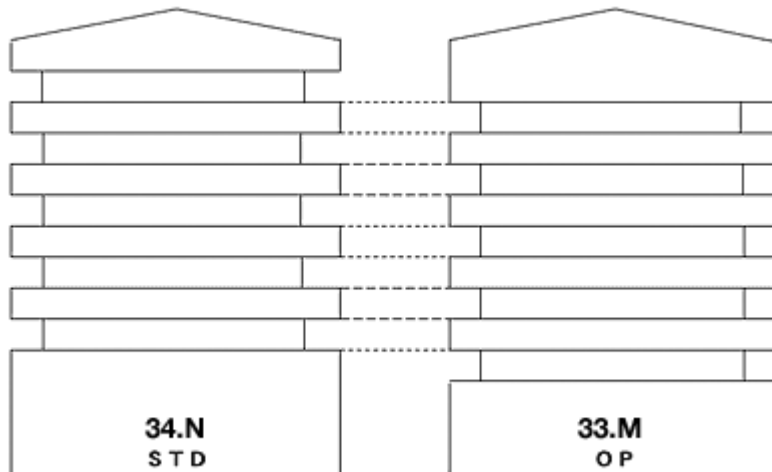
Comparing length mm	A	B	C	D
(1) 12••/34(33)66/2351/1159	66	58.9	46.9	30.3
(2) R12••N(M)-1157D	65	56.9	46.9	32.8

(1) for carburetor with PWJ
 (2) for PJ short carburetor (Unleaded fuel)

The difference between 34 (standard) needle and 33 (option) needle for power jet carburetors is that the 33 needle is 0.5mm shorter at the raise of tapers than the 34 needle. That is, the 33 (option) is 0.5 step richer than the 34 (standard) if comparison is made in the same step.

Likewise, in the case of PJ carburetor without power jets, the M (option) is 0.5 step richer than the N (standard)

Fig.2



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