

Dissecting model names of March Scopes

We sometimes receive inquiries from customers regarding the model names. Model names can be quite confusing such as D40V56FIMA8_G2, D42HV56WFIML or D25V52TML. We would like to explain what the each letter or number stands for below.

D: DEON (manufacturer of March Scopes)

First number: Highest power of that scope

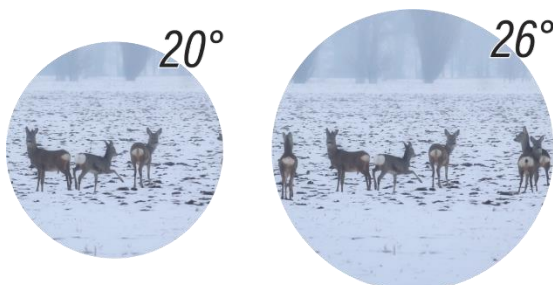
S: Shorty Shorty stands for two ultra compact scopes such as 1-8×24 Shorty FFP scope and 1-10×24 Shorty FFP scope.

H: High Master High Master lens system incorporates 2 Super ED lens elements within its lens system. By using Super ED lens elements, we can suppress chromatic aberration even more than with ED lenses and thus produce a sharper image with greater contrast, while still having a strong scope. There are 7 models (4.5-28×52 Wide Angle FFP, 5-42×56 Wide Angle FFP, 4-40×52 Genesis FFP, 6-60×56 Genesis FFP, 48×52 Fixed SFP, 40-60×52 EP Fixed SFP, 10-60×56 SFP) which has the High Master lens system, but only 4.5-28×52 Wide Angle FFP, 5-42×56 Wide Angle FFP, 10-60×56 SFP have "H" in their model names.

V: Variable power Opposite of this "V" will be "F" for fixed power such as the 48×52 SFP fixed power scope which is popular for benchrest shooting.

Second number: Diameter of the objective lens

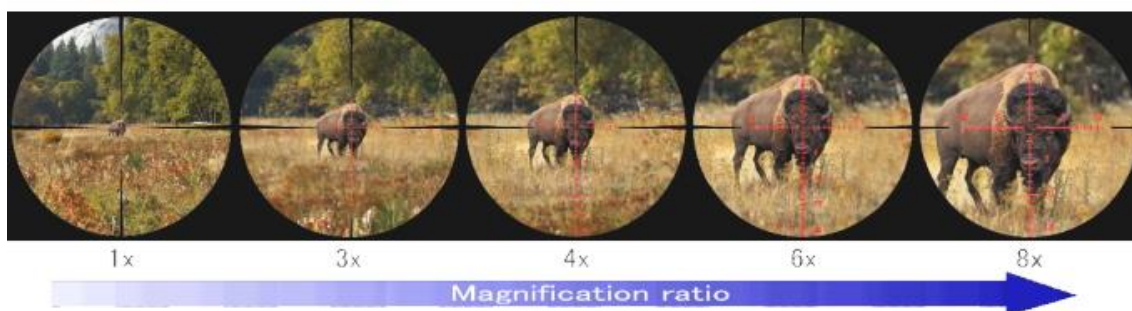
W: Wide Angle Eyepiece with more than 24 degrees apparent field of view is defined as Wide Angle. 4.5-28×52 has 25 degrees (25% more than our standard 20 degrees), 5-42×45 has an outstanding 26 degrees (30% more than our standard 20 degrees) represented by "W" in their model names. 4-40×52 Genesis also has wide 24 degrees eyepiece and 6-60×56 Genesis has 24.96 degrees wide angle eyepiece but these Genesis models do not have W in their model name. Please see below for its reason.



G: Genesis Genesis is an integrated system including its unique external system, High Master lens system and the Wide Angle eyepiece. 4-40×52 Genesis has wide 24 degrees eyepiece and 6-60×56 Genesis has 24.96 degrees wide angle eyepiece. But as "G (Genesis)" includes the Wide Angle eyepiece and the High Master lens system within its system, it does not have an H nor W in their model names.

F: FFP (First focal plane reticle) For FFP, the scale value will always be consistent regardless of the magnification and easy to calculate. The point of aim (POA) does not change throughout the entire zoom range. However, when you change the magnification, the target and the reticle will zoom in and out collectively. Therefore, the reticle lines and dots will be fine at lower magnification and thicker at higher magnification.

FFP Reticle



I: Illuminated Non illuminated models do not have "I" in their model names.

ML: MIL This stands for 0.1MIL click adjustment.

When there are several MIL click adjustment options within the same model, ML is for 0.05MIL, ML10 is for 0.1MIL as in the following 4 models: 5-40×56, 5-40x56GenII, 4-40×52 Genesis and 6-60×56 Genesis.

MA: MOA This stands for 1/4MOA click adjustment. For higher power SFP scopes (48×52, 40-60×52, 10-60×52, 10-60×56, 5-50×56, 8-80×56) MA stands for 1/8MOA click adjustment.

When there are several MOA click adjustment options within the same model, MA4 is for 1/4MOA, MA8 is for 1/8MOA as in the following 2 models: 5-40×56 and 5-40x56GenII.

G2: Generation II G2 stands for an updated model. 5-40×56 Generation II is an updated model of a hot seller and all time favorite 5-40×56 Scope with precise click adjustment.

P: Package There are two packages available. One is Shorty package: 1-10x24 shorty FFP scope with dual reticle which comes with a custom unimount and sunshade in addition to standard

accessories. In this article you will find what this package is like.

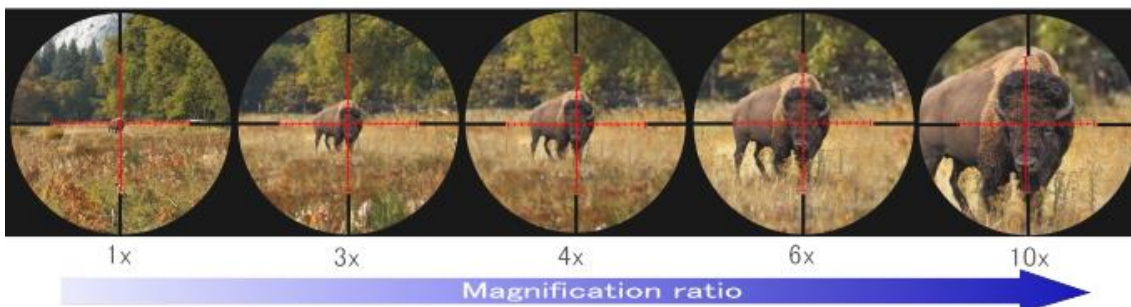
<https://marchscopes.com/news/11193/>

The other is FT (Field target) package: 10-60x56 High Master scope engraved with FT logo and with accessories for field target shooting. (All accessories that come with the FT package can be purchased separately at your local dealer, but 10-60x56 High Master scope with "FT edition" engraving is only available through March Scopes Europe or other European dealers.) In this article you will find what this package is like. <https://marchscopes.com/news/7290/>

Peculiar to SFP (Second Focal Plane reticles)

For SFP, the size and thickness of the SFP reticle is always constant and only the target image will be larger at higher magnification. As the reticle lines and dots will not be thicker at higher magnification, you can achieve a clear uncluttered view even at higher magnification. At the same time, you have a thick and easy to see reticle even at the lowest magnification. Scale value of the reticle is designed at the specific magnification so you will need to convert the scale value at other magnification.

SFP Reticle



F: Fixed This is for 48x52 Fixed power High Master scope. 48x52 is the only scope with "F" in the model name among all SFP scopes. If you see a "F" in the model name, and if it is not 48x52 (D48F52), it stands for FFP (First focal plane reticle).

E: EPzoom This is for 40-60x52 EP zoom High Master scope. 40-60x52 EP zoom is essentially a fixed focus scope absolutely guaranteeing zero POA shift, with the added advantage of external zoom adjustment in the range of 40-60x. This is the only scope among our lineup whose eyepiece extends when changing magnification.

T: Tactical (exposed) turrets All FFP scopes have tactical elevation and windage turrets except for 4.5-28x52 with tactical elevation turret and normal (capped) windage turret. There is no "T" in the model name of FFP scopes for this reason. However as SFP scopes have models with tactical

turrets and normal turrets, there is a "T" for SFP scopes with tactical turrets in order to tell the difference. But only the 10-60x scope has "L (Long range)" in its model name for normal turrets.

M: MTR reticle in MOA

ML: MIL When the SFP scope doesn't have either "M" or "ML" at the end of its model name, it means that a wire reticle (Cross hair, Dot, Di-plex, LR reticle, all non illuminated) is assembled.

S: Silver 8-80×56 SFP scope has silver colored scope body.



Here are some examples.

D24V42FMA

"DEON / highest magnification: 24x / Variable power / 42mm objective lens / FFP / MOA"

D42HV56WFIML

"DEON / highest magnification: 42x / High Master lens system / Variable power / 56mm objective lens / Wide Angle eyepiece / FFP / Illuminated / MIL"

D25V42T

"DEON / highest magnification: 25x / Variable power / 42mm objective lens / SFP (as it does not include "F" and as it is not a fixed 48x scope) / Tactical turrets / Non illuminated (as it does not include "I") / As this SFP scope does not have "M" or "ML" at the end of its model name, it means that a wire reticle (Cross hair, Dot, Di-plex, LR reticle, all non illuminated) is assembled"

D60V52LM

"DEON / highest magnification: 60x / Variable power / 52mm objective lens / SFP (as it does not include "F") / Normal turrets / Non illuminated (as it does not include "I") / MTR reticle in MOA"

If you have questions, please feel free to contact us at info@deon.co.jp. Thank you for your continued support!