

Lindow-White Thread Calculator
Calculates the Diameter for Internal Thread

Thread Per I TPI	Depth of Sharp V Thread	70% for Internal Thread	Pitch
4	.215	.150	.250
8	.110	.075	.125
12	.072	.050	.083
16	.055	.038	.0625
24	.036	.025	.042
32	.027	.019	.031
36	.024	.017	.028
48	.018	.013	.021

Calculation Method:

1. Outside Diameter of Male Thread _____
2. Threads Per Inch _____
3. Depth of Sharp V Thread _____
4. 70% of Sharp V for Internal Thread _____
5. Bore Diameter for Internal Thread #1 - (2 x #4) = _____

Note: If the dial on the cross slide is marked for diameter it will show double the number on the chart in order to reach a full depth cut.

Sample:

- | | |
|--------------------------------------|---|
| 1. Outside Diameter | 1.201" |
| 2. TPI | 16 |
| 3. Depth of Sharp V | 0.055" |
| 4. 70% for Internal Thread | 0.038" |
| 5. Bore Diameter for Internal Thread | 1.201" - (2 x 0.038") = 1.201" - 0.076" |
| | = 1.125" |