

# Wollensak Lens Filter Size Chart

## Cine Raptar 8mm

|                  |          |
|------------------|----------|
| 1/2" 13mm f1.9   | Size 4   |
| 1/2" 13mm f2.5   | --       |
| 1/4" 6.5mm f1.8  | Size 4.5 |
| 1/4" 6.5mm f2.3  | Size 4.5 |
| 3/8" 9mm f1.8    | Size 4.5 |
| 1" 25mm f2.5     | --       |
| 1-1/2" 38mm f3.5 | Size 4   |
| 1-1/2" 38mm f2.5 | Size 4   |
| 1-1/2" 38mm f1.5 | Size 5   |
| 1-1/2" 38mm f2.8 | Size 4   |

## Versar Portrait & View f6

|            |        |
|------------|--------|
| 6-1/2" f6  | 1-1/4" |
| 8-3/4" f6  | 1-1/2" |
| 9-1/2" f6  | 1-3/4" |
| 11-5/8" f6 | 2"     |
| 15" f6     | 2-1/2" |
| 16-1/2" f6 | 2-7/8" |
| 18" f6     | 3"     |
| 22-1/2" f6 | 3-3/4" |

## Voltas f8

|             |        |
|-------------|--------|
| 5" f8       | 3/4"   |
| 6-1/2" f8   | 1"     |
| 8" f8       | 1-1/8" |
| 10-1.2" f8  | 1-1/2" |
| 12-11/2" f8 | 1-3/4" |
| 16" f8      | 2"     |
| 18-1/2" f8  | 2-1/4" |
| 22" f8      | 2-3/4" |
| 26" f8      | 3-1/4" |

## Series IV Velostigmat f6.3 (Vinco)

|             |          |
|-------------|----------|
| 3-1/2" f6.3 | 9/16"    |
| 5" f6.3     | 25/32"   |
| 5-3/4" f6.3 | 23/32"   |
| 6-1/2" f6.3 | 1-1/32"  |
| 7-1/4" f6.3 | 1-5/32"  |
| 9-1/2" f6.3 | 1-1/2"   |
| 12" f6.3    | 1-29/32" |

## Series I Velostigmat f6.3

|              |          |
|--------------|----------|
| 3-1/2" f6.3  | 9/16"    |
| 5" f6.3      | 25/32"   |
| 5-3/4" f6.3  | 29/32"   |
| 6-1/2" f6.3  | 1-1/32"  |
| 7-1/4" f6.3  | 1-5/32"  |
| 9-1/2" f6.3  | 1-1/2"   |
| 12-1/2" f6.3 | 2"       |
| 16" f6.3     | 2-17/32" |

## Raptar Series II f4.5

|                    |    |
|--------------------|----|
| 2" 50mm f4.5       | -- |
| 3" 75mm f4.5       | -- |
| 3-1/2" 90mm f4.5   | -- |
| 4" 101mm f4.5      | -- |
| 5" 127mm f4.5      | -- |
| 5-5/16" 135mm f4.7 | -- |
| 6-3/8" 162mm f4.5  | -- |
| 7-1/2" 190mm f4.5  | -- |
| 8-1/4" 210mm f4.5  | -- |
| 9-1/2" 241mm f4.5  | -- |
| 11-7/8" 302mm f4.5 | -- |

## Raptar Series IV f6.3

|                   |    |
|-------------------|----|
| 2" 50mm f6.3      | -- |
| 3" 75mm f6.3      | -- |
| 3-1/2" 90mm f6.3  | -- |
| 5" 127mm f6.3     | -- |
| 6-1/2" 165mm f6.3 | -- |
| 7-1/4" 184mm f6.3 | -- |
| 9-1/2" 241mm f6.3 | -- |
| 12" 305mm f6.3    | -- |

## Rapid Symmetrical f8

|            |        |
|------------|--------|
| 5" f8      | 3/4"   |
| 6-1/2" f8  | 1"     |
| 8" f8      | 1-1/8" |
| 10-1/2" f8 | 1-1/2" |
| 12-1/2" f8 | 1-3/4" |
| 16" f8     | 2"     |
| 18-1/2" f8 | 2-1/4" |
| 21" f8     | 2-3/4" |
| 26" f8     | 3-1/4" |

## Rapid Rectilinear

|         |    |
|---------|----|
| 5"      | -- |
| 6-1/2"  | -- |
| 8"      | -- |
| 10-1/2" | -- |
| 12-1/2" | -- |

| Wollensak Ray Filters (1920) |                     |
|------------------------------|---------------------|
| Filter Number                | Fits Lens Front     |
| 1                            | 1-5/32" to 1-13/32" |
| 2                            | 1-7/16" to 1-17/32" |
| 3                            | 1-9/16" to 1-25/32" |
| 4                            | 1-13/16" to 2"      |
| 5                            | 2-1/16" to 2-5/16"  |
| 6                            | 2-3/8" to 2-5/8"    |
| 7                            | 2-11/16" to 3"      |
| 8                            | 3-1/16" to 3-1/2"   |
| 9                            | 3-9/16" to 4-1/8"   |
| 10                           | 4-3/16" to 4-5/8"   |

## Versa Portrait f5 (dual lens)

|                  |        |
|------------------|--------|
| 6" / 9" f5       | 1-5/8" |
| 7" / 11" f5      | 1-7/8" |
| 10" / 14" f5     | 2-1/4" |
| 11-1/2" / 17" f5 | 2-1/2" |
| 14" / 21" f5     | 3"     |

## Vitax f3.8

|              |        |
|--------------|--------|
| 10" f3.8     | 3"     |
| 13-1/2" f3.8 | 3-1/2" |
| 16" f3.8     | 4-1/8" |

## Series V Anastigmat f7.5

|              |          |
|--------------|----------|
| 3-1/2" f7.5  | 15/32"   |
| 5" f7.5      | 21/32"   |
| 5-3/4" f7.5  | 25/32"   |
| 6-1/2" f7.5  | 7/8"     |
| 8-1/4" f7.5  | 1-3/32"  |
| 10-1/2" f7.5 | 1-9/32"  |
| 13" f7.5     | 1-19/32" |

## Series III Velostigmat f9.5

|            |          |
|------------|----------|
| 4.3" f9.5  | 7/8"     |
| 5.4" f9.5  | 1"       |
| 6.25" f9.5 | 1-3/16"  |
| 9" f9.5    | 1-17/32" |

## Vesta Portrait f5

|              |        |
|--------------|--------|
| 6" f4.5      | 1-5/8" |
| 7" f4.5      | 1-7/8" |
| 10" f4.5     | 2-1/4" |
| 11-1/2" f4.5 | 2-1/2" |
| 14" f4.5     | 3"     |

## Varium Portrait

|          |    |
|----------|----|
| 14" f3.5 | -- |
| 16" f3.5 | -- |
| 19" f4   | -- |

## Raptar Series III WA

|                            |    |
|----------------------------|----|
| 6-1/4" f9.5                | -- |
| 6-1/4" f12.5 (Series IIIa) | -- |

## Royal Anastigmat Ser. I f6.8

|         |    |
|---------|----|
| 5"      | -- |
| 6"      | -- |
| 7"      | -- |
| 10"     | -- |
| 13"     | -- |
| 15"     | -- |
| 16-1/2" | -- |

## Raptar Series IV f6.3

|                   |    |
|-------------------|----|
| 2" 50mm f6.3      | -- |
| 3" 75mm f6.3      | -- |
| 3-1/2" 90mm f6.3  | -- |
| 5" 127mm f6.3     | -- |
| 6-1/2" 165mm f6.3 | -- |
| 7-1/4" 184mm f6.3 | -- |
| 9-1/2" 241mm f6.3 | -- |
| 12" 305mm f6.3    | -- |

## Series VII Velostigmat f3.5

|    |    |
|----|----|
| 3" | -- |
| 5" | -- |

## Cine Raptar 16mm

|                   |          |
|-------------------|----------|
| 1" 25mm f1.4      | Size 4.5 |
| 1" 25mm f1.5      | Size 4.5 |
| 1" 25mm f1.9      | Size 4   |
| 1/2" 13mm f1.2    | Size 7   |
| 11/16" 17mm f2.7  | Size 4   |
| .7" 17mm f2.5     | Size 4.5 |
| 1-9/16" 40mm f1.5 | Size 5.5 |
| 2" 50mm f1.5      | Size 5.5 |
| 3" 75mm f4        | Size 4.5 |
| 3" 75mm f2.5      | Size 5.5 |
| 3" 75mm f2.8      | Size 5   |
| 3" 75mm f1.9      | Size 7   |
| 4" 101mm f2.5     | Size 6   |
| 6" 152mm f3.8     | Size 6   |
| 6" 152mm f4.5     | Size 6   |

## Verito f4 (diffused) (dual lens)

|                  |        |
|------------------|--------|
| 5" / 10" f6      | 1"     |
| 6-1/2" / 14" f6  | 1-1/4" |
| 7-1/2" / 11" f4  | 1-7/8" |
| 8-3/4" / 14" f4  | 2-1/4" |
| 11-1/2" / 20" f4 | 3"     |
| 14-1/2" / 24" f4 | 3-1/2" |
| 18" / 30" f4     | 4-1/8" |

## Series III WA Anastigmat f9.5

|            |    |
|------------|----|
| 4.3" f9.5  | -- |
| 5.4" f9.5  | -- |
| 5.25" f9.5 | -- |
| 9" f9.5    | -- |

## Series II Velostigmat f4.5

|              |          |
|--------------|----------|
| 3-1/2" f4.5  | 25/32"   |
| 5" f4.5      | 1-1/8"   |
| 6" f4.5      | 1-11/32" |
| 7-1/4" f4.5  | 1-5/8"   |
| 8-1/4" f4.5  | 1-27/32" |
| 9-1/2" f4.5  | 2-1/8"   |
| 12" f4.5     | 2-11/16" |
| 15-1/2" f4.5 | 3-7/16"  |

## Extreme WA IIIa f12.5

|               |          |
|---------------|----------|
| 4-5/16" f12.5 | 27/32"   |
| 5-3/8" f12.5  | 1-1/16"  |
| 6-1/4" f12.5  | 1-7/32"  |
| 7-7/8" f12.5  | 1-17/32" |
| 9" f12.5      | 1-3/4"   |
| 11" f12.5     | 2-1/8"   |

## Raptar WA f6.8

|                   |    |
|-------------------|----|
| 2-9/16" 65mm f6.8 | -- |
| 3-1/3" 90mm f6.8  | -- |
| 4-1/4" 108mm f6.8 | -- |

## Raptar Telephoto f5.6

|                |    |
|----------------|----|
| 8" 202mm f5.6  | -- |
| 10" 254mm f5.6 | -- |
| 15" 380mm f5.6 | -- |

## Royal Anastigmat WA f9.5

|                                |    |
|--------------------------------|----|
| 3-1/2" f.35 (working aperture) | -- |
| 4-1/2" f.48 (working aperture) | -- |
| 5-1/2" f.60 (working aperture) | -- |
| 6-1/4" f.66 (working aperture) | -- |
| 8" f.85 (working aperture)     | -- |
| 9" f1 (working aperture)       | -- |

## Royal Portrait f3.8

|           |         |
|-----------|---------|
| 10" f3.8  | 3"      |
| 13" f3.8  | 3-9/16" |
| 16" f3.8" | 4-3/16" |

## Series A Portrait f5

|        |        |
|--------|--------|
| 6" f5  | 1-5/8" |
| 7" f5  | 1-7/8" |
| 10" f5 | 2-1/4" |
| 12" f5 | 2-1/2" |
| 14" f5 | 3"     |