



**Expanded View**

Black Teflon Compression Ring (supplied)

Tilt Collar (part of telescope)

Recommended Flange Style for Custom Camera Adapter

Clamp Ring (supplied): this part holds custom camera adapter in place

This is the mechanical surface which the camera adapter compresses against

Custom Camera Adapter (not supplied)

Clear Optical Window (part of telescope)

**Recommended Flange Dimensions for Custom Camera Adapter**

Mounting surface to focal plane  
Distance = 28.73 mm from Tilt Collar (Shown in Red)

Clamp Ring (supplied)

Black Teflon Compression Ring (supplied)

See Expanded View

Ø85 MAX

60° (3x) Equally Spaced

Your own design here

Ø62 REF.

Ø75

4.5 TYP Slot Width

3.5 MIN

28.73

Camera

Sensor Plane

Your own design

Ø32 mm Useable Field

SENSOR/FOCAL PLANE

Tilt Collar (part of telescope)

Custom Camera Adapter (user supplied)

**RASA 8" Front Cell**

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MILLIMETER TOLERANCES:  
ANGULAR: MACH ± 0.50  
TWO PLACE DECIMAL ±0.35  
THREE PLACE DECIMAL ±0.100

INTERPRET GEOMETRIC TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

THIRD ANGLE PROJECTION

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

NAME

DATE

**CELESTRON** 2835 Columbia St. Torrance, CA 90503

TITLE:  
**Recommendation for Customized Adapter (RASA8")**

SIZE **B** DWG. NO. REV

SCALE: 1:2 WEIGHT: . SHEET 1 OF 1

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