

# centration (Centration)

b2boptic → items → item → pair → lens → centration



|                                                                   |                    |
|-------------------------------------------------------------------|--------------------|
| <b>monocularCentrationDistance</b>                                |                    |
| type                                                              | float              |
| unity                                                             | mm                 |
| occurs                                                            | 0..2 ISNEWLO010604 |
| description                                                       |                    |
| <b>consideredPrism (attribute of monocularCentrationDistance)</b> |                    |
| type                                                              | boolean            |
| use                                                               | optional           |
| description                                                       |                    |
| <b>reference (attribute of monocularCentrationDistance)</b>       |                    |
| type                                                              | OCReferences       |
| use                                                               | required           |
| description                                                       |                    |
| <b>height</b>                                                     |                    |
| type                                                              | float              |
| unity                                                             | mm                 |
| occurs                                                            | 0..1               |
| description                                                       |                    |
| <b>consideredPrism (attribute of height)</b>                      |                    |
| type                                                              | boolean            |
| use                                                               | optional           |
| description                                                       |                    |
| <b>reference (attribute of height)</b>                            |                    |
| type                                                              | OCReferences       |
| use                                                               | required           |
| description                                                       |                    |
| <b>referenceHeight (attribute of height)</b>                      |                    |
| type                                                              | HeightReferences   |
| use                                                               | required           |
| description                                                       |                    |
| <b>backVertexDistance</b>                                         |                    |
| type                                                              | float              |
| unity                                                             | mm                 |
| occurs                                                            | 0..1               |
| description                                                       |                    |
| <b>rxDataNeedRecalculation (attribute of backVertexDistance)</b>  |                    |
| type                                                              | boolean            |
| use                                                               | required           |
| description                                                       |                    |

| eyeRotationCenterDistance                          |               |
|----------------------------------------------------|---------------|
| type                                               | float         |
| unity                                              | mm            |
| occurs                                             | 0..1          |
| description                                        |               |
| reference (attribute of eyeRotationCenterDistance) |               |
| type                                               | RCDReferences |
| use                                                | required      |
| description                                        |               |

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<xs:complexType name="Centration">
  <xs:sequence>
    <xs:element name="monocularCentrationDistance" minOccurs="0"
maxOccurs="2">
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        <xs:simpleContent>
          <xs:extension base="xs:float">
            <xs:attribute name="consideredPrism" type="xs:boolean"
use="optional" />
            <xs:attribute name="reference" type="OCReferences"
use="required" />
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
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      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:float">
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use="optional" />
            <xs:attribute name="reference" type="OCReferences"
use="required" />
            <xs:attribute name="referenceHeight" type="HeightReferences"
use="required" />
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        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" name="backVertexDistance">
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="xs:float">
            <xs:attribute name="rxDataNeedRecalculation" type="xs:boolean"
use="required" />
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        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
```

```
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<xs:element minOccurs="0" name="eyeRotationCenterDistance">
  <xs:complexType>
    <xs:simpleContent>
      <xs:extension base="xs:float">
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use="required" />
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    </xs:simpleContent>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
```

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