

Miller Marketing Cane Specification Guide - Averaged

Oboe Cane - Gouged

| Brand | Length | Thickness | Diameter | Hardness |
|--------------------|--------|-----------|----------|----------|
| Danzi, Medium Hard | 75 mm | 0.60 mm | 9.2 mm | 12.7 |
| Danzi, Medium | 75 mm | 0.59 mm | 9.1 mm | 14.2 |
| Glotin | 75 mm | 0.58 mm | 9.5 mm | 14.3 |
| Neuranter | 75 mm | 0.58 mm | 9.2 mm | 14.2 |
| Bonazza | 75 mm | 0.56 mm | 9.9 mm | 14.5 |
| Gonzalez | 75 mm | 0.61 mm | 9.5 mm | 17.3 |

Oboe Cane - Gouged & Shaped

| Brand | Length | Thickness | Diameter | Hardness | Width Tip | Width Mid | Width End |
|-----------|--------|-----------|----------|----------|-----------|-----------|-----------|
| Danzi | 75 mm | 0.59 mm | 9.4 mm | 13.7 | 6.7 mm | 6.3 mm | 3.7 mm |
| Glotin | 75 mm | 0.61 mm | 9.6 mm | 14.1 | 7.2 mm | 6.5 mm | 4.0 mm |
| Neuranter | 75 mm | 0.59 mm | 9.2 mm | 14.1 | 7.0 mm | 5.7 mm | 3.4 mm |
| Bonazza | 75 mm | 0.58 mm | 8.8 mm | 14.9 | 7.7 mm | 6.2 mm | 3.7 mm |
| Gonzalez | 75 mm | 0.61 mm | 9.5 mm | 16.2 | 7.0 mm | 6.3 mm | 3.7 mm |

English Horn Cane - Gouged

| Brand | Length | Thickness | Diameter | Hardness |
|-----------|--------|-----------|----------|----------|
| Glotin | 92 mm | 0.67 mm | 11.7 mm | 15.9 |
| Neuranter | 93 mm | 0.69 mm | 11.8 mm | 16.1 |
| Bonazza | 93 mm | 0.66 mm | 12.2 mm | 14 |
| Gonzalez | 93 mm | 0.69 mm | 11.9 mm | 15.4 |

Notes: All measurements are with gouged, dry cane and are an average of many different pieces of each item. The hardness measurements reflect the lower the number the harder the cane.

English Horn Cane - Gouged & Shaped

| Brand | Length | Thickness | Diameter | Hardness | Tip Width | Mid Width | End Width |
|-----------|--------|-----------|----------|----------|-----------|-----------|-----------|
| Glotin | 92 mm | 0.69 mm | 12.1 mm | 15.6 | 8.5 mm | 7.5 mm | 4.0 mm |
| Neuranter | 93 mm | 0.70 mm | 11.7 mm | 19.1 | 8.3 mm | 6.5 mm | 3.7 mm |
| Bonazza | 93 mm | 0.66 mm | 12.0 mm | 17.1 | 8.6 mm | 7.5 mm | 4.3 mm |

Bassoon Cane - Gouged

| Brand | Length | Thickness | Thickness Edge | Diameter | Hardness |
|-------------------|--------|-----------|----------------|----------|----------|
| Danzi Medium Hard | 120 mm | 1.29 mm | 1.15 mm | 26 mm | 23.4 |
| Danzi Medium | 120 mm | 1.30 mm | 1.15 mm | 26 mm | 25 |
| Glotin | 120 mm | 1.36 mm | 1.12 mm | 25 mm | 28.5 |
| Neuranter | 120 mm | 1.28 mm | 1.01 mm | 25 mm | 24.5 |
| Bonazza | 120 mm | 1.18 mm | 1.05 mm | 26 mm | 21.6 |
| Gonzalez | 120 mm | 1.36 mm | 1.17 mm | 25 mm | 25.2 |
| Rieger | 120 mm | 1.21 mm | 1.08 mm | 25 mm | 23.8 |

Bassoon Cane - Gouged & Profiled

| Brand | Length | Thickness | Diameter | Hardness | Thickness Tip | Thickness Mid | Thickness Collar |
|--------|--------|-----------|----------|----------|---------------|---------------|------------------|
| Rieger | 120 mm | 1.24 mm | 25 mm | 22.9 | 0.62 mm | 0.84 mm | 1.01 mm |

Miller Marketing Cane Specification Guide - Averaged

Bassoon Cane - Gouged Shaped & Profiled

| Brand | Length | Hardness | Thickness | Thickness Tip | Thickness Mid | Thickness Collar | Width Tip | Width Mid | Width Collar | Width End |
|---------------------------|--------|----------|-----------|---------------|---------------|------------------|-----------|-----------|--------------|-----------|
| Danzi, Medium Hard | 120 mm | 22.3 | 1.33 mm | 0.51 mm | 0.88 mm | 1.11 mm | 15.0 mm | 11.8 mm | 9.0 mm | 9.5 mm |
| Danzi, Medium Hard, Large | 120 mm | 23.3 | 1.35 mm | 0.48 mm | 0.84 mm | 1.07 mm | 15.3 mm | 13.0 mm | 10.5 mm | 9.7 mm |
| Danzi, Medium, Large | 120 mm | 25.8 | 1.29 mm | 0.44 mm | 0.78 mm | 1.04 mm | 15.3 mm | 13.0 mm | 10.5 mm | 9.7 mm |
| Glotin | 120 mm | 27.3 | 1.34 mm | 0.19 mm | 0.70 mm | 1.02 mm | 16.5 mm | 13.0 mm | 9.7 mm | 9.3 mm |
| Neuranter | 120 mm | 23.7 | 1.27 mm | 0.19 mm | 0.83 mm | 0.94 mm | 15.3 mm | 12.0 mm | 9.8 mm | 9.7 mm |
| Bonazza | 120 mm | 25.6 | 1.19 mm | 0.66 mm | 0.86 mm | 0.97 mm | 16.4 mm | 13.3 mm | 10.1 mm | 9.7 mm |
| Gonzalez | 120 mm | 23.7 | 1.45 mm | 0.46 mm | 0.87 mm | 1.18 mm | 15.7 mm | 12.2 mm | 9.2 mm | 9.7 mm |
| Rieger 1A | 120 mm | 23.2 | 1.22 mm | 0.60 mm | 0.74 mm | 0.96 mm | 15.2 mm | 12.3 mm | 9.5 mm | 10 mm |
| Rieger 2 | 120 mm | 23.3 | 1.27 mm | 0.59 mm | 0.75 mm | 0.94 mm | 15.4 mm | 12.5 mm | 9.8 mm | 10 mm |

Contra Bassoon Cane - Gouged

| Brand | Length | Thickness | Thickness Edge | Hardness |
|--------|--------|-----------|----------------|----------|
| Glotin | 142 mm | 1.47 mm | 1.29 mm | 28.1 |
| Rieger | 150 mm | 1.57 mm | 1.41 mm | 25.2 |

Notes: All measurements are with gouged, dry cane and are an average of many different pieces of each item. The hardness measurements reflect the lower the number the harder the cane.

Contra Bassoon Cane - Gouged & Profiled

| Brand | Length | Hardness | Thickness | Thickness Tip | Thickness Mid | Thickness Collar |
|--------|--------|----------|-----------|---------------|---------------|------------------|
| Rieger | 150 mm | 26.7 | 1.58 mm | 0.66 mm | 1.05 mm | 1.34 mm |

Contra Bassoon Cane - Gouged Shaped & Profiled

| Brand | Length | Hardness | Thickness | Thickness Tip | Thickness Mid | Thickness Collar | Width Tip | Width Mid | Width Collar | Width End |
|--------|--------|----------|-----------|---------------|---------------|------------------|-----------|-----------|--------------|-----------|
| Glotin | 142 mm | 26.8 | 1.43 mm | 0.28 mm | 1.17 mm | 1.49 mm | 19.2 mm | 15.5 mm | 12.0 mm | 10.3 mm |