



The Glass for Beer



Beer is enjoyment, beer is culture, beer is variety. Just one drop of a good beer can tell a world of a story! This approach to a unique beverage has been shaping our work for almost 100 years and continues to inspire us to the present day in the creation of designs that put beers and brands in the limelight where they belong.

Just like each beer, every glass also has its own story to tell. We therefore believe that each beer deserves its unique glass – a glass that will tie in with its particular story. Whether crafted in a genuine tumbler design for a straw-blond lager style or shaped as an innovative Teku goblet for craft beers – drinking glasses created by RASTAL will bring the accomplished character of any beer to full light. Designed with a focus on multi-sensory consumer experience and perfectly tailored to meet the practical everyday needs of catering and hospitality professionals, RASTAL glasses convey a passion for beer that unites us with our clients around the world.

Lager

The Glass for Beer



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Cover photo:
Sophia Wenzel, Beer Sommeliere,
and Axel Ohm, Managing Director of
Schanzenhöfe GmbH – Altes Mädchen,
Hamburg, at a craft beer tasting.

Photographer:
Anna Schneider

The Glass for Trends

Without a doubt, **craft beer** is the answer to the mainstream of the past several decades, an era shaped by the major national and international beer brands. Innovative beers with new and **exciting tastes** are tapping up **new target groups** for beer in general; through the consumer experience, they bring new inspiration to the restaurant sector as well.

The glass to match the trend. By RASTAL. There is demand for innovative concepts that bring sensory appeal and can stage beers in enjoyment-oriented and target-group-tailored ways. Here, a classic form can be re-interpreted and revived in the spirit of authenticity or else; as in the case of the goblet-shaped Teku design – a completely new glass type can be developed. As with a craft beer, in the end it's the idea that counts.



Teku 42.0 cl



Craft Master One 47.3 cl



good design
award 2011



good design
award 2009



Designpreis
Rheinland-Pfalz 2007
Preisträger



Monaco Slim 0.3 l



Monaco Slim 0.5 l



Fresh 0.3 l

Design by RASTAL



Carsten Kehrein
RASTAL Chief Designer

In today's modern brand landscape, beverage enjoyment is inextricably bound to **branded consumer experience**. Apart from the shape and labelling of the beverage bottle, only **the design of the drinking glass and a bespoke decoration reflecting the brand's identity** will ensure powerful **differentiation** in the marketplace.

- Glass and decoration designs by RASTAL make ideal brand awareness drivers: They contribute to strengthening the image of the brand and **transform beverage enjoyment into a total brand experience**.
- Honoured with **more than 180 design prizes and awards**, RASTAL enjoys worldwide recognition.



Brains Exclusive



Pilsner Urquell Exclusive



Krombacher Exclusive



The **most effective means of achieving powerful differentiation** from competitors is the '**Brand Exclusive Glass**': an individually designed drinking vessel reserved solely (hence 'exclusively') for a particular brand. The Exclusive Glass concept was created and launched by RASTAL in 1964 and has ever since evolved into a key marketing instrument of successful brands worldwide.

- Exclusive Glass designs by RASTAL **reflect the distinctiveness of a brand** and its identity.
- **At the moment of consumption**, the drinking glass is the single most important medium to influence the consumer's perception of, and appreciation for, the brand.



Teku 3.0
42.0 cl

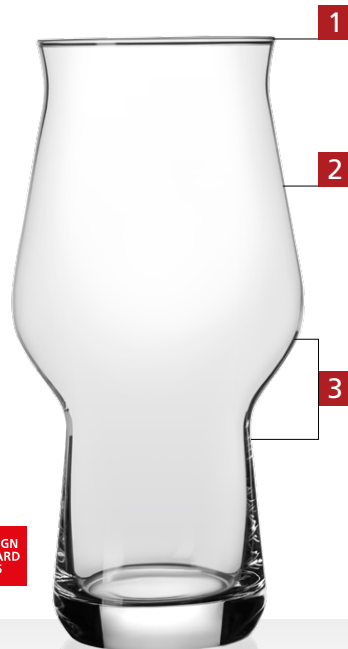


Craft Master One – a modern glass for genuine craft beer enjoyment. Its sensorially well-conceived shape with the elegant bend serving as a visual fill aid, as well as its versatility for varied beer styles brings functional appeal and thus added value to catering and hospitality venues.

- 1** Fine, thin rim.
- 2** Conical shape / Chimney-shaped upper bowl for aroma concentration.
- 3** Visual fill aid 0.1 | 0.15 l



Design: Carsten Kehrein



CRAFT BEER GLASSES

"Craft Beer is the new passion for beer. With valuable inspirations for the national and international brewing landscape. And like a good craft beer, our design lives from this passion, too. With a great deal of love for the product, and for an idea that makes the difference."

Craft Master One

47.3 cl | 16 US fl.oz. | 16.6 Imp.fl.oz.
0.3 | 0.33 | 0.4 l

The original with a revised design from Teo Musso: Teku 3.0

The universal glass for gourmet beers and craft beers impresses tasting professionals and other beer enthusiasts alike. The overall shape of the glass, its relatively small chimney-shaped upper bowl and its fill capacity perfectly highlight the qualities of aroma-rich beers.

- 1** Fine, thin rim.
- 2** Conical shape / Chimney-shaped upper bowl for aroma concentration.
- 3** Stem and bowl are optimally balanced.

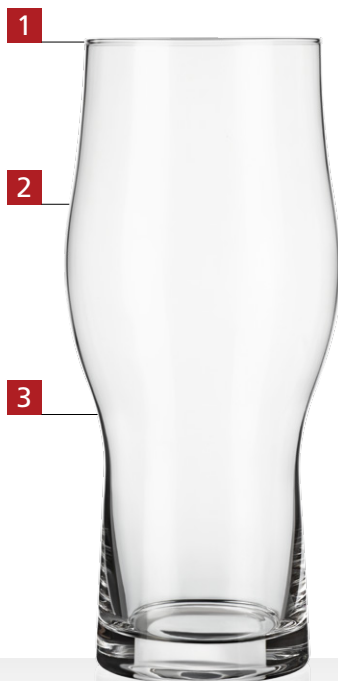
Design: Teo Musso / Kuaska



Teku 3.0

33.0 | 42.0 cl
0.25 | 0.3 l





Craft Master Two promises well-balanced craft beer enjoyment for all the senses. The tulip-shaped design allows plenty of room for the flavours to develop, while the harmonious form scores highly in both tactile and visual terms. A wide variety of possible uses make these glasses a practical choice for restaurant use.

- 1** Fine, thin rim.
- 2** Tulip-shaped design / chimney develops aromas.
- 3** Comfortable to hold.

Design: Carsten Kehrein

Craft Master Two

47.3 cl | 16 US fl.oz. | 16.6 Imp.fl.oz.
0.3 | 0.33 | 0.4 l



Craft Master Slim

37.5 | 60.0 cl
0.3 | 0.5 l



Craft Master Bowl

37.5 | 51.3 cl
0.3 | 0.4 l



Craft Master Two 47.3 cl

Craft Master Slim 37.5 cl



Sophia Wenzel, Beer Sommeliere

A good craft beer is the product of understanding and creativity. These are also the vital ingredients for a convincing glass design. Like beer, a good glass involves a love of the product and an idea that makes it something different.

Craft Master Two unites all these elements: with its tulip-shaped design and slightly flared rim, it is the ideal way to serve full-flavoured beers. This glass is great fun and offers plenty of sensory enjoyment. For me this is the perfect partner for modern beer enjoyment and is excellently suited to restaurant use.



Bofferding Exclusive



Švyturys Exclusive



Kalnapilis Exclusive

TUMBLERS



Tuborg Exclusive

Tetley's Exclusive



Löwen

31.5 | 36.0 | 47.9 | 61.9 cl
0.25 | 0.3 | 0.4 | 0.5 l



Bistro

31.2 | 31.5 | 35.5 | 48.1 | 61.1 cl
0.2 | 0.25 | 0.3 | 0.4 | 0.5 l



München

25.5 | 31.3 | 40.2 | 51.6 | 64.7 cl
0.2 | 0.25 | 0.3 | 0.4 | 0.5 l



Willi

28.4 | 32.9 | 38.3 | 47.0 | 66.0 cl
0.2 | 0.25 | 0.3 | 0.4 | 0.5 l



Diamant

63.4 cl
0.5 l



München 0.3 l



Monaco 0.5 l

Monaco 0.3 l



Martin Darting

Monaco – sensorially tested by Martin Darting, sensory expert and sommelier instructor:

Monaco 0.3 l: "A surprising glass: its small fill capacity causes the aromas to intensify, thus allowing the beer's prominent features to unfold."

Monaco 0.5 l: "A brilliant glass that brings out the crisp freshness of very cold beers. Ideal for bottom-fermented beers, good for bitter or pale beers."



reddot design award
winner 2012

good design
award 2010

Monaco

36.0 | 62.5 cl
0.3 | 0.5 l



Monaco Tough

29.0 cl | 56.8 cl
10.2 Imp.fl.oz. | 20.0 Imp.fl.oz.
9.8 US fl.oz. | 19.2 US fl.oz.

SUPERSTRONG



Ideal

36.5 cl
0.3 l



Tulip

29.5 | 56.5 cl
0.2 | 0.4 l

SUPERSTRONG



S-Tumbler

48.0 cl
0.4 l

SUPERSTRONG



Bavaria

27.0 | 33.1 | 37.4 | 49.9 | 67.3 cl
0.2 | 0.25 | 0.3 | 0.4 | 0.5 l

SUPERSTRONG

The principle of this technique consists in tempering the glass by heating it to very high temperatures and then subjecting it to sudden quenching. This procedure increases its resistance to shock and thus its durability.



Conical
67.5 cl
0.5 l
SUPERSTRONG



Parma
27.0 | 45.3 | 68.0 cl
 0.2 | 0.4 | 0.5 l



Frankonia
26.4 | 31.0 | 38.0 | 48.0 | 64.0
0.2 | 0.25 | 0.3 | 0.4 | 0.5 l



Conic
33.0 cl
 0.25 l



Conil
28.0 | 33.0 | 47.0 | 56.0 cl
0.2 | 0.25 | 0.4 | –
SUPERSTRONG



Parma 0.4 l

Conil 56.0 cl



Basic 0.5 l



Basic

19.6 | 26.0 | 32.5 | 38.0 | 51.9 | 64.5 cl
0.1 | 0.2 | 0.25 | 0.3 | 0.4 | 0.5 l



Merkur

41.8 | 68.5 cl
0.3 | 0.5 l



Focus

38.5 | 65.2 cl
0.3 | 0.5 l



DESIGNPREIS
2006
NOMINEE

good design
award 2005



TUMBLERS



Trapez

26.0 | 33.0 | 40.0 | 64.0 cl
0.2 | 0.25 | 0.3 | 0.5 l



Tivoli

33.6 cl
0.25 l



Champion

37.0 cl
0.3 l



German
Design Award
SPECIAL
MENTION



Rock Bar Slim



35.5 cl
0.3 l

SUPERSTRONG



Casablanca

24.6 | 36.5 | 47.5 cl
0.15 | 0.3 | 0.4 l

SUPERSTRONG



Event

27.0 | 39.5 | 51.0 | 66.0 cl
0.2 | 0.3 | 0.4 | 0.5 l



Scandi



33.0 cl
0.25 l



Pub-Tumbler



45.0 | 54.0 cl
0.3 | 0.5 l

SUPERSTRONG



stackable

Event – The EVENT tumbler features two interesting decoration areas: one is located on the facet – perfect for vertical lettering – and one above the facet – ideal for placing round logo elements. At the same time, the facet itself acts as a brand awareness booster from a marketing strategic point of view because it will subtly prompt consumers to place and hold the glass with the logo and brand lettering well-aligned right before their eyes.



Event 0.5 l



Fresh 0.3 l



Fresh 0.2 l



good design
award 2009



Focus Open
2009



product
design
award

2008



Designpreis
Rheinland-Pfalz 2007

Preisträger

Fresh

25.6 | 30.6 | 37.5 | 61.1 cl
0.2 | 0.25 | 0.3 | 0.5 l



New York

42.0 | 69.0 cl
0.3 | 0.5 l



Club

33.5 | 38.6 | 49.8 | 61.7 cl
0.25 | 0.3 | 0.4 | 0.5 l



Pure

36.0 cl
0.3 l



Island Perlkristall

36.6 cl
0.3 l



Trend

37.3 cl
0.3 l



Kölsch

23.0 | 38.2 cl
0.2 | 0.3 l



Amsterdam

28.5 | 38.6 | 49.4 | 59.0 cl
0.2 | 0.3 | 0.4 | 0.5 l



Alt

25.7 | 31.4 cl
0.2 | 0.25 l



Kölsch 0.2 l



Bitburger Exclusive



Stella Artois Exclusive



Noblesse Goblet

GOBLETS



Warsteiner Exclusive



Guinness Exclusive



Jupiter
16.0 | 39.4 cl
0.1 | 0.3 l



Münster
27.8 | 38.7 cl
0.2 | 0.3 l



Orion
26.1 | 34.1 | 40.6 | 53.2 cl
0.2 | 0.25 | 0.3 | 0.4 l



Pegasus
25.8 | 32.6 | 38.6 | 54.7 cl
0.2 | 0.25 | 0.3 | 0.4 l



Phönix
38.6 cl
0.3 l

The high-quality glass for hospitality venues

Under the label of "HQ" – High Quality Glass – RASTAL has created a range of superior crystal glasses that are specially adapted to the exacting needs and conditions in the catering and hospitality arena. For further information, please visit www.rastal.com



Orion 0.3 l



Aviero 0.5 l

Aviero 0.3 l

**Aviero**

26.0	32.5	39.0	50.0	65.5 cl
0.2	0.25	0.3	0.4	0.5 l

**Noblesse**

41.3 cl
0.3 l

**Classic**

26.2	39.6	32.1	52.0 cl
0.2	0.25	0.3	0.4 l

**Pilsener**

26.8	32.2	38.1	51.1	67.4 cl
0.2	0.25	0.3	0.4	0.5 l

(except 0.5 l)

**Executive**

26.8	35.5	54.3 cl
0.2	0.3	0.4 l

**Fjord**

26.4	39.9	52.0 cl
0.2	0.3	0.4 l



Elite 0.3 l

**Elite**

39.4 | 50.5 cl
0.3 | 0.4 l

**Perl**

26.9 | 32.9 | 39.4 | 52.3 cl
0.2 | 0.25 | 0.3 | 0.4 l

**Nürnberg**

38.6 | 64.9 cl
0.3 | 0.5 l

**Rheinland**

24.5 | 30.4 | 38.6 | 49.5 cl
0.2 | 0.25 | 0.3 | 0.4 l

**Meteor**

39.2 | 51.9 cl
0.3 | 0.4 l



Brauerstutzen
 HQ 40.0 | 66.0 cl
 0.3 | 0.5 l



Fürst
 HQ 27.7 | 40.0 cl
 0.2 | 0.3 l



Lüttich
 HQ 37.5 | 51.3 cl
 0.3 | 0.4 l



Harzer
 32.5 | 44.0 cl
 0.2 | 0.3 l



Gran Service
 41.0 | 60.0 cl
 0.3 | 0.5 l



Lüttich 0.4 l



Franziskaner Exclusiv



Kuchlbauer Exclusiv



Erdinger Exclusiv

WHEAT BEER GLASSES



König Ludwig



Weihenstephan Exclusiv

Event – The Event design features two interesting decoration areas: one is located on the facet – perfect for vertical lettering – and one above the facet – ideal for placing round logo elements. At the same time, the facet itself acts as a brand awareness booster from a marketing strategic point of view because it will subtly prompt consumers to place and hold the glass with the logo and brand lettering well-aligned right before their eyes.



Event Slim

38.0 | 64.0 cl
0.3 | 0.5 l



Fresh

37.5 | 61.1 cl
0.3 | 0.5 l



Merkur

41.8 | 68.5 cl
0.3 | 0.5 l



Basic

38.0 | 64.5 cl
0.3 | 0.5 l



Chiemgau

38.9 | 64.5 cl
0.3 | 0.5 l

Fresh – award-winning design



good design
award 2009



Designpreis
Rheinland-Pfalz 2007

Preisträger



Fresh 0.5 l

Chiemgau 0.5 l



Monaco Slim 0.3 l

Monaco Slim – sensorially tested:

Monaco Slim 0.3 l

“A modern glass, a visually appealing ‘fun booster’. Due to its size and aroma stimulating properties, this glass inspires dynamic and passionate wheat beer enjoyment.”

Monaco Slim 0.5 l

“An elegant glass. Its elongated aroma channel makes it ideally suited for filtered wheat beers – but unfiltered wheat beers will just as well be kindled to unfold their full aroma.”



reddot design award
winner 2012



Monaco Slim
37.0 | 62.0 cl
0.3 | 0.5 l



Ranft
41.2 | 67.4 cl
0.3 | 0.5 l



Isar
71.3 cl
0.5 l



Diamant
69.3 cl
0.5 l



Juwel
67.4 cl
0.5 l



Loisach
37.5 | 66.8 cl
0.3 | 0.5 l



Tannheim
40.6 | 66.6 cl
0.3 | 0.5 l



Weissach
40.1 | 67.6 cl
0.3 | 0.5 l



Schwarzwald
38.5 | 65.8 cl
0.3 | 0.5 l



Löwen
37.5 | 63.0 cl
0.3 | 0.5 l



Focus
38.5 | 65.2 cl
0.3 | 0.5 l


DESIGNPREIS
2006
NOMINEE

**good design
award 2005**



Winner Trophy
39.5 | 67.0 cl
0.3 | 0.5 l



Schwarzwald
0.3 l

Schwarzwald
0.5 l



Ranft

134.5 | 270.0 cl
1.0 | 2.0 l



Orion

142.0 | 268.0 cl
1.0 | 2.0 l



Basic

137.0 | 260.0 | 376.0 cl
1.0 | 2.0 | 3.0 l

OVERSIZED GLASSES



Juwel

136.0 | 272.0 | 384.0 cl
1.0 | 2.0 | 3.0 l



Weissach

375 cl
3.0 l



Bierstiefel

139.4 | 259.9 cl
1.0 | 2.0 l



Wernesgrüner Exclusive



Bitburger Exclusive

TANKARDS / STEINS



Tavern

Warsteiner Exclusive



Trapez

32.0 | 39.4 | 61.0 cl
0.2 / 0.25 | 0.3 | 0.5 l



Bamberg

61.5 | 70.0 cl
0.4 | 0.5 l



Sternboden

52.8 | 67.0 cl
0.4 | 0.5 l



Tübinger

34.9 | 38.6 | 55.0 | 67.9 cl
0.25 | 0.3 | 0.4 | 0.5 l



Bamberg 0.5 l



Deutscherren 0.5 l

**Deutschherren**

36.5 | 49.8 | 64.3 cl
0.3 | 0.4 | 0.5 l

**Gutsherren**

37.5 | 49.7 | 65.0 cl
0.3 | 0.4 | 0.5 l

**Glückauf**

24.0 | 32.0 | 36.6 | 49.7 | 66.0 | 125.0 cl
0.2 | 0.25 | 0.3 | 0.4 | 0.5 | 1.0 l

**Moravia**

40.0 | 67.8 cl
0.3 | 0.5 l



Styria
123.0 cl
1.0 l



Isar
62.5 | 127.0 cl
0.5 | 1.0 l



Braumeister
30.7 | 35.2 | 47.2 | 66.9 cl
0.25 | 0.3 | 0.4 | 0.5 l



Isar 1.0 l



Classic 0.5 l

**Classic**

28.1 | 32.0 | 37.0 | 48.8 | 61.4 cl
0.2 | 0.25 | 0.3 | 0.4 | 0.5 l

**Europa**

32.9 | 65.7 cl
0.3 | 0.5 l

**Kora**

68.1 cl
0.5 l



Kannenbäcker 1.0 l



Kannenbäcker 0.3 l

Kannenbäcker glazed grey
32.9 | 37.0 | 54.0 | 63.8 | 115.5 cl
0.25 | 0.3 | 0.4 | 0.5 | 1.0 l



Gersten glazed grey
61.1 cl
0.5 l



Alpspitz glazed grey or white
74.0 cl
0.5 l



Grenzauer glazed grey
73.8 cl
0.5 l

PROMOTIONS

The Glass as an Added Value

Promotional campaigns designed to **increase brand notoriety and boost sales** are powerful marketing tools. Due to the close **proximity to the product**, a visually appealing **high-quality glass** crafted as an integral part of a promotional campaign will multiply and thus maximise the campaign's effect.



At the same time, branded glasses featuring a unique decoration will easily find their way into the **consumer's home environment** – a great opportunity to keep the dialogue between the brand and the consumer alive! Branded glasses are reliable marketing tools that actively contribute to the perpetuation of **brand differentiation and customer loyalty**.

They are ideally suited for:

- free-gift-with-purchase campaigns
- campaigns for new product launches
- raffle games
- loyalty reward promotions
- collector's editions



A 'free gift with every crate' campaign – Franziskaner Alkoholfrei (non-alcoholic)

Client:
Spaten-Franziskaner-Bräu GmbH, Munich

Decoration Expertise



Transparent Decoration

A fully satin-finish glass is embellished with a non-satinised brand decoration. The satin/non-satin mix creates a unique eye-catching effect that makes the glass and its decoration stand out from the crowd.



Relief Decoration / Gold Rim

This glass receives its distinctive character from the coloured raised brand decoration (relief decoration) in combination with the high-quality gold rim.



ECO Pad Printing / Relief Decoration

In this example, the relief element in the glass body is additionally embellished with inks in a pad printing operation. In combination with several raised decoration elements placed in the rear area (relief decoration), the glass presents a consistently aesthetic overall appearance.

DECORATION

RASTAL uses leading-edge technologies in the creation of customised decorations that are designed to position brands in tune with the times and target audience. Many of these methods also place a great focus on energy efficiency and sustainability.

For an overview of all available techniques and more information, please visit us online at

www.rastal.com



ECO Screen Printing

This is a screen printing technique using organic inks cured with UV light or heat. It allows the near-entire range of colour tones to be applied true to shade and with outstanding brilliance.



CLASSIC Coating / CLASSIC Screen Printing

A prominent example of full-surface colour coating (CLASSIC Coating) combined with classic screen printing – the perfect stage to ensure impressive brand visibility.



GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
A						
Alpspitz	74.0	0.5 l	156.0	140.0	792	59
Alt	25.7	0.2 l	125.0	58.0	2160	26
	31.4	0.25 l	150.0	59.0	1944	26
Amsterdam	28.5	0.2 l	134.0	62.0	1512	26
	38.6	0.3 l	150.0	68.0	1008	26
	49.4	0.4 l	161.0	74.0	864	26
	59.0	0.5 l	174.0	78.0	480	26
Aviero	26.0	0.2 l	164.0	67.0	1740	33
	32.5	0.25 l	175.0	72.0	1350	33
	39.0	0.3 l	183.0	76.0	720	33
	50.0	0.4 l	202.0	83.0	1008	33
	65.5	0.5 l	217.0	90.0	672	33
B						
Bamberg	61.5	0.4 l	140.0	141.0	378	50
	70.0	0.5 l	140.0	141.0	378	50
Basic	16.9	0.1 l	144.0	62.0	1188	21
	26.0	0.2 l	187.0	62.0	990	21
	32.5	0.25 l	198.0	69.0	696	21
	38.0	0.3 l	219.0	68.0	600	21
	51.9	0.4 l	220.0	78.0	504	21
	64.5	0.5 l	260.0	78.0	504	21
	137.0	1.0 l	332.0	92.0	100	46
	260.0	2.0 l	405.0	127.0	52	46
	376.0	3.0 l	429.0	146.0	46	46
Bavaria	27.0	0.2 l	148.0	63.0	1980	17
	33.1	0.25 l	158.0	67.0	1848	17
	37.4	0.3 l	165.0	70.0	1560	17
	49.9	0.4 l	182.0	77.0	1080	17
	67.3	0.5 l	197.0	84.0	540	17
Bierstiefel	139.4	1.0 l	266.0	155.0	294	47
	259.9	2.0 l	340.0	183.0	160	47
Bistro	31.2	0.2 l	144.0	59.0	2280	14
	31.5	0.25 l	154.0	62.0	2160	14
	35.5	0.3 l	172.0	64.0	1944	14
	48.1	0.4 l	186.0	70.0	1392	14
	61.1	0.5 l	202.0	76.0	1200	14
Brauerstutzen	40.0	0.3 l	182.0	77.0	1242	36
	66.0	0.5 l	234.0	87.0	408	36
Braumeister	30.7	0.25 l	128.0	195.0	1152	54
	35.2	0.3 l	135.0	120.0	882	54
	47.2	0.4 l	150.0	131.0	726	54
	66.9	0.5 l	163.0	138.0	576	54

GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
C						
Casablanca	36.5	0.3 l	122.0	83.0	576	22
	47.5	0.4 l	161.0	86.0	384	22
	64.5	0.5 l	177.0	94.0	336	22
Champion	37.0	0.3 l	179.0	66.5	OD	21
Chiemgau	38.9	0.3 l	205.0	70.0	600	40
	64.5	0.5 l	243.0	83.0	756	40
Classic Pokal	26.2	0.2 l	182.0	68.0	1560	33
	32.1	0.25 l	193.0	73.0	1296	33
	39.6	0.3 l	210.0	77.0	1008	33
	52.0	0.4 l	224.0	84.0	912	33
Classic Seidel	28.1	0.2 l	158.4	93.9	1200	57
	32.0	0.25 l	170.0	99.0	1140	57
	37.0	0.3 l	180.0	108.0	960	57
	48.8	0.4 l	196.0	116.0	648	57
	61.4	0.5 l	212.7	117.9	288	57
Club	33.5	0.25 l	159.0	64.0	1566	25
	38.6	0.3 l	180.0	64.0	1566	25
	49.8	0.4 l	187.0	73.0	1152	25
	61.7	0.5 l	221.0	73.0	1008	25
Conic	33.0	0.25 l	132.0	80.0	840	18
Conical	67.5	0.5 l	168.0	91.0	480	18
Conil	28.0	0.2 l	119.0	73.5	1152	18
	33.0	0.25 l	134.0	76.5	1008	18
	47.0	0.4 l	145.0	85.0	576	18
	56.0	–	150.0	90.0	576	18
Craft Master Bowl	37.5	0.3 l	145.0	85.0	OD	10
	51.3	0.4 l	179.0	93.0	OD	10
Craft Master One	47.3	0.4 l	168.0	83.0	1026	9
Craft Master Slim	37.5	0.3 l	181.0	68.1	OD	10
	60.0	0.5 l	220.0	79.0	OD	10
Craft Master Two	47.3	0.4 l	173.0	75.0	1260	10
D						
Deutscherherren	36.5	0.3 l	163.0	109.0	1260	53
	49.8	0.4 l	174.1	115.1	648	53
	64.3	0.5 l	194.2	126.5	384	53
Diamant	63.4	0.5 l	185.0	80.5	960	14
Diamant Weizen	69.3	0.5 l	229.0	86.0	408	43
E						
Elite	39.4	0.3 l	190.0	70.0	1296	35
	50.5	0.4 l	203.0	77.0	1026	35
Europa	39.0	0.3 l	139.0	114.0	882	57
	65.7	0.5 l	162.0	138.0	600	57



GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
E						
Event	27.0	0.2 l	145.0	65.0	1860	22
	39.5	0.3 l	168.0	73.0	750	22
	51.0	0.4 l	183.0	78.0	630	22
	66.0	0.5 l	200.0	85.0	408	22
Event Slim	38.0	0.3 l	197.5	67.4	OD	40
	64.0	0.5 l	235.8	79.8	OD	40
Executive	26.8	0.2 l	165.0	69.0	780	33
	35.5	0.3 l	182.0	78.0	630	33
	54.3	0.4 l	203.0	88.0	456	33
F						
Fjord	26.4	0.2 l	176.0	72.0	1440	33
	40.0	0.3 l	197.0	78.8	1080	33
	52.0	0.4 l	218.0	80.0	768	33
Focus	38.5	0.3 l	205.0	62.0	1512	21
	65.2	0.5 l	241.0	74.0	900	21
Frankonia	26.4	0.2 l	143.0	64.0	1080	18
	31.0	0.25 l	152.0	68.0	1740	18
	38.0	0.3 l	161.0	72.0	1350	18
	48.0	0.4 l	174.0	78.0	1134	18
	64.0	0.5 l	191.0	86.0	570	18
Fresh	25.6	0.2 l	175.0	52.0	2208	25
	30.6	0.25 l	174.0	58.0	1728	25
	37.5	0.3 l	201.0	59.0	1728	25
	61.1	0.5 l	239.0	70.0	504	25
Fürst	27.7	0.2 l	153.0	73.0	1584	36
	40.0	0.3 l	174.0	83.0	1140	36
G						
Gersten	61.1	0.5 l	200.0	123.0	819	59
Glückauf	24.0	0.2 l	118.0	106.0	1344	53
	32.0	0.25 l	125.0	109.0	1050	53
	36.6	0.3 l	130.0	117.0	936	53
	49.7	0.4 l	146.0	125.0	702	53
	66.0	0.5 l	160.0	136.0	468	53
	125.0	1.0 l	204.0	159.0	480	53
Gran Service	41.0	0.3 l	149.5	97.5	576	36
	60.0	0.5 l	160.5	110.0	300	36
Grenzauer	73.8	0.5 l	138.0	141.0	720	59
Gutsherren	37.5	0.3 l	163.0	108.0	1260	53
	49.7	0.4 l	176.0	119.0	648	53
	65.0	0.5 l	195.0	128.0	384	53

GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
H						
Harzer	32.5	0.2 l	200.0	77.0	798	36
	44.0	0.3 l	225.0	82.0	672	36
I						
Ideal	36.5	0.3 l	158.0	69.0	1680	17
Isar	62.5	0.5 l	162.0	132.0	360	54
	127.0	1.0 l	201.0	163.0	196	54
Isar Weizen	71.3	0.5 l	229.0	86.0	384	43
Island Perlkristall	36.6	0.3 l	233.0	63.0	1302	26
J						
Jupiter	16.0	0.1 l	170.0	54.0	1440	30
	39.4	0.3 l	245.0	73.8	882	30
Juwel	67.4	0.5 l	233.0	86.0	408	43
	136.0	1.0 l	300.0	107.0	150	47
	272.0	2.0 l	356.0	131.0	202	47
	384.0	3.0 l	405.0	144.0	110	47
K						
Kannenbäcker	32.9	0.25 l	105.0	111.0	1638	58
	37.0	0.3 l	113.0	117.0	1521	58
	54.0	0.4 l	118.0	134.0	1152	58
	63.8	0.5 l	130.0	142.0	968	58
	115.5	1.0 l	190.0	160.9	490	58

GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
K						
Kölsch	23.0	0.2 l	160.0	52.0	2520	26
	38.2	0.3 l	170.0	60.0	1944	26
Kora	68.1	0.5 l	170.0	129.7	324	57
L						
Löwen	31.5	0.25 l	154.0	62.0	2160	14
	36.0	0.3 l	172.0	64.0	1944	14
	47.9	0.4 l	186.0	70.0	1392	14
	61.9	0.5 l	202.0	76.0	1200	14
Löwen Weizen	37.5	0.3 l	198.0	65.0	780	44
	63.0	0.5 l	238.0	76.0	480	44
Loisach	37.5	0.3 l	209.0	71.0	1200	43
	66.8	0.5 l	243.0	84.0	798	43
Lüttich	37.5	0.3 l	145.0	85.0	1296	36
	51.3	0.4 l	153.0	93.0	1056	36
M						
Merkur	41.8	0.3 l	226.0	71.0	600	21
	68.5	0.5 l	243.0	86.0	384	21
Meteor	39.2	0.3 l	213.0	71.0	1152	35
	51.9	0.4 l	234.0	78.0	882	35
Monaco	36.0	0.3 l	177.0	64.0	1674	17
	62.5	0.5 l	211.0	77.0	882	17
Monaco Slim	37.0	0.3 l	212.0	63.0	696	43
	62.0	0.5 l	250.0	74.0	504	43
Monaco Tough	29.0	–	153.0	63.0	OD	17
	56.8	–	188.0	79.0	600	17
Moravia	40.0	0.3 l	121.0	119.0	672	53
	67.8	0.5 l	145.0	141.0	396	53
München	25.5	0.2 l	142.0	58.0	2160	14
	31.3	0.25 l	152.0	62.0	1860	14
	40.2	0.3 l	162.0	67.0	1566	14
	51.6	0.4 l	177.0	72.0	1008	14
	64.7	0.5 l	203.0	76.0	1008	14
Münster	27.8	0.2 l	188.0	61.0	1152	30
	38.7	0.3 l	225.0	69.0	1200	30
N						
New York	42.0	0.3 l	177.0	73.0	1350	25
	69.0	0.5 l	229.0	87.0	864	25
Noblesse	41.3	0.3 l	224.0	80.0	960	33
Nürnberg	38.6	0.3 l	147.0	75.0	1320	35
	64.9	0.5 l	170.9	90.5	720	35
O						
Orion	26.1	0.2 l	200.0	70.0	1350	30
	34.1	0.25 l	220.0	70.0	1248	30

GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
Orion	40.6	0.3 l	230.0	77.0	1008	30
	53.2	0.4 l	258.0	77.0	882	30
	142.0	1.0 l	349.0	120.0	100	46
	268.0	2.0 l	428.0	124.0	105	46
P						
Parma	27.0	0.2 l	127.0	75.0	792	18
	45.3	0.4 l	147.0	87.0	576	18
	68.0	0.5 l	166.0	102.0	336	18
Pegasus	25.8	0.2 l	199.0	64.0	1440	30
	32.7	0.25 l	212.0	65.0	960	30
	38.6	0.3 l	225.0	65.0	960	30
	54.7	0.4 l	248.0	79.0	798	30
Perl	26.9	0.2 l	170.0	64.0	1392	35
	32.9	0.25 l	180.0	64.0	1452	35
	39.4	0.3 l	189.0	71.0	1296	35
	52.3	0.4 l	204.0	71.0	1092	35
Phönix	38.6	0.3 l	226.0	73.0	1008	30
Pilsener	26.8	0.2 l	163.0	67.0	1650	33
	32.2	0.25 l	170.0	72.0	1440	33
	38.1	0.3 l	181.0	73.0	1260	33
	51.1	0.4 l	188.0	81.0	864	33
	67.4	0.5 l	200.0	89.0	816	33
Pub Tumbler	45.0	0.3 l	150.0	80.0	648	22
	54.0	0.5 l	169.0	82.0	540	22
Pure	36.0	0.3 l	157.0	63.5	1800	25
R						
Ranft	41.2	0.3 l	199.0	74.0	576	43
	67.4	0.5 l	233.0	86.0	288	43
	134.5	1.0 l	295.0	109.0	180	46
	270.0	2.0 l	363.0	130.0	127	46
Rheinland	24.5	0.2 l	185.0	69.7	1440	35
	30.4	0.25 l	193.0	70.3	1296	35
	38.6	0.3 l	205.0	79.0	1080	35
	49.5	0.4 l	221.0	79.0	912	35
Rock Bar Slim	35.5	0.3 l	141.0	79.0	648	22
S						
Scandi	33.0	0.25 l	153.0	72.0	1500	22
Schwarzwald	38.5	0.3 l	206.0	72.0	600	44
	65.8	0.5 l	244.0	85.0	612	44
Sternboden	52.8	0.4 l	153.8	93.0	300	50
	67.0	0.5 l	153.0	132.0	432	50
S-Tumbler	48.0	0.4 l	163.0	81.0	600	10
	61.7	0.5 l	175.0	87.0	480	10

GLASSES						
Article	cl	Fill mark up to	H	Ø	PU	P
S						
Styria	123.0	1.0 l	203.0	107.0	490	54
T						
Teku 3.0	33.0	0.25 l	186.0	88.0	510	9
	42.0	0.3 l	196.0	95.0	288	9
Tivoli	33.6	0.25 l	181.0	81.0	1134	21
Trapez	26.0	0.2 l	162.0	60.0	2160	21
	33.0	0.25 l	168.0	68.0	870	21
	40.0	0.3 l	186.0	69.0	780	21
	64.0	0.5 l	227.0	80.0	504	21
Trapez Seidel	32.0	0.2 0.25 l	184.0	96.0	1080	50
	39.4	0.3 l	197.0	108.0	912	50
	61.0	0.5 l	231.0	126.0	462	50
Trend	37.3	0.3 l	210.0	53.0	1872	26
Tübinger	34.9	0.25 l	100.0	83.7	1530	50
	38.6	0.3 l	104.0	85.0	1344	50
	55.0	0.4 l	112.0	92.0	864	50
	67.9	0.5 l	123.0	102.0	792	50
Tulip	29.5	0.2 l	120.0	71.0	1008	17
	56.5	0.4 l	161.0	84.0	576	17
W						
Weissach	40.1	0.3 l	209.0	71.0	1200	44
	67.6	0.5 l	243.0	84.0	798	44
	375.0	3.0 l	429.0	133.0	108	47
Willi	28.4	0.2 l	136.0	64.0	1980	14
	32.9	0.25 l	142.0	67.0	1680	14
	38.3	0.3 l	148.0	71.0	1440	14
	47.0	0.4 l	165.0	76.0	1296	14
	66.0	0.5 l	185.0	81.0	960	14
Winner Trophy	39.5	0.3 l	193.0	75.0	552	44
	67.0	0.5 l	234.0	88.0	384	44

Please note that glass articles may exhibit unavoidable manufacturing tolerance variations in weight and size; these are deemed tacitly accepted.



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