

KEGnology® – Container systems for any application





SCHÄFER Container Systems – The KEG sector's leading innovators

All over the world, customers place their trust in SCHÄFER – and with good reason. There are already well over 17 million SCHÄFER KEGs in use all over the world, the best possible proof of quality and expertise in re-usable keg technology. The high-grade basis material for all SCHÄFER reusable KEGs is stainless steel. Fully automated deep drawing and finishing on state-of-the-art equipment also guarantee that we can manufacture KEGs of outstanding quality.

For over three decades, SCHÄFER has set new standards with innovative ideas and products. With developments in line with market conditions and customer requirements, we have perfected our KEG-technology and established ourselves worldwide as a universal supplier.

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I. Milestones in KEGnology®

Improvement of the KEGs' advertising effectiveness. Coloured decors and brewery logos make SCHÄFER KEGs an effective brand carrier

SCHÄFER presents three newly developed products at the Interbrau: SOFT DRINK KEG, junior PLUS KEG and keggy, the KEG with the integrated CO₂ supply

Transponders are introduced for KEG Identification. Combined with datixPLUS, this is the perfect control and logistics system

SCHÄFER begins production of 100 % steel KEGs: With SUDEX KEGs, SCHÄFER now has a comprehensive KEG range. SCHÄFER is the first in the industry to gain DIN EN ISO 9001 TÜV-Cert approval



1983

1989

1992

1995

1978

1985

1990

1993



SCHÄFER develops the first KEG with a stainless steel liner and polyurethane (PU) jacket: the PLUS KEG's successful career is launched

The KEGs are fitted with a safety bursting point and are GS approved to create a new standard of safety. The datixPLUS character code provides the basis for logistics

SCHÄFER succeeds in manufacturing a CFC-free PU jacket and increases user value by enabling partial repairs; two significant environmental benefits

In-mould labelling perfects the coloured decoration. SCHÄFER is first on the market to receive Coca-Cola Approval



Milestones in KEGnology®

The new ECO KEG wins two of the most coveted international design awards:

- iF Ecology Design Award 2000
- iF Product Design Award 2000



2000

smartDRAFT™:
The dispensing revolution for restaurants and catering. Ingeniously simple dispensing unit with a one-way beer line



2006

SCHAFFER WERKE, as the KEG sector's leading innovators, received an award as part of the campaign "Germany at its best: North-Rhine Westphalia"



2013

DIN ECO KEG: the KEG with the coloured top and bottom rings in DIN standard sizes of 20, 30 and 50 litres.



2015

1998



Partly PU-coated SOFT DRINK KEGs and junior PLUS KEGs supplement the product range, naturally with proven SCHÄFER benefits, like safety bursting point and character code, stackability and noise reduction

2001



freshKEG: genuine draught beer, any place, any time. The new generation of SCHÄFER KEGnology is presented at the drinktec in Munich

2009



New additions to the smartDRAFT™ family

- smartDRAFT™ MINI,
- smartDRAFT™ STANDARD
- smartDRAFT™ TROPICAL

2014



SCHAFFER extends its range, introducing PU-coated Party-KEGs with Bavarian bung

II. PLUS KEG and junior PLUS KEG



Distinctive brand presentation

- PU jacket available in all colours
- In-mould coating and labelling process makes any decor possible
- Extremely quiet handling



Premium KEG for strong brands



PLUS KEG: With over 7 million KEGs on the market worldwide, this is the best seller in the entire range. All the benefits in one single KEG. Perfect technology, easy to handle, full PU coating, tested for safety, distinctive brand presentation and reliable logistics. What more can a KEG offer? For beer and wine, PLUS KEG is the first choice. Polyurethane coated KEG with stainless steel liner: 15, 20, 30, 40 and 50 litres in DIN standard, 30 and 50 litres in Euro standard form.

junior PLUS KEG: whether fully or partly coated with poly-urethane, the junior can offer all the benefits of the PLUS KEG, plus compact dimensions. For beer and wine available in 10.4, 15.5 or 20.5 litres in DIN standard.

All types of fittings and necks

Ergonomic hand-holds

PU jacket is recyclable, CFC-free, available in different colours

Noise reducing rolling rings

Safety bursting point

Embossed numbers, character code datixPLUS, transponder, barcode

Smooth-walled stainless steel liner

Biologically safe

Coloured decor: In-mould coating or In-mould labelling

Stable stacking rim

Technical Data	
Stainless steel liner material	standard: mat. no. 1.4301, AISI 304 special: mat. no. 1.4571, AISI 316
Full coating	PU (polyurethane), CFC-free, UV-stabilised
Partly coated (only junior PLUS KEG)	10.4 l and 20.5 l
PU colour	standard: black special colours: on request
Neck and fitting	all current types
Operating overpressure	3 bar
Test pressure	minimum 8 bar overpressure
Opening pressure of safety bursting point	40 ± 5 bar overpressure PLUS KEG 35 ± 5 bar overpressure junior PLUS KEG
Numbering	standard embossed (PLUS KEG only)
Coding (options)	Character code datixPLUS (for standard JPK)/ transponder/barcode
Bavarian tapping	PLUS KEG -DIN and junior PLUS KEG available with spring valve or bung hole
Repairs	partial only, new PU jacket possible

PLUS KEG DIN Form

Content	15,4 l 3.96 US-gal	20,5 l 5.28 US-gal	30,5 l 7.93 US-gal	40,5 l 10.57 US-gal	50,5 l 13.21 US-gal
Filling volume	15 l	20 l	30 l	40 l	50 l
Height	260 mm	330 mm	400 mm	509 mm	600 mm
External Ø	395 mm	395 mm	395 mm	381 mm	395 mm
Weight ¹	approx. 7.5 kg	approx. 9.0 kg	approx. 9.5 kg	approx. 10.0 kg	approx. 12.3 kg

PLUS KEG Euro Form

Content	30,5 l 7.93 US-gal	50,5 l 13.21 US-gal	
Filling volume	30 l	50 l	
Height	365 mm	532 mm	
External Ø	425 mm	425 mm	
Weight ¹	approx. 10.0 kg	approx. 12.3 kg	

junior PLUS KEG DIN Form

Content	10,4 l 2.75 US-gal	15,5 l ² 4.10 US-gal	20,5 l 5.42 US-gal	
Filling volume	10 l	15 l	20 l	
Height	326 mm	443 mm	560 mm	
External Ø	239 mm	239 mm	239 mm	
Weight ¹	approx. 3.6 kg	approx. 4.4 kg	approx. 5.2 kg	

US-gal = 3,785 l ¹ weight without fitting ² weight with L type fitting



Outstanding. Light. Robust.

- Optimum brand presentation
 - Coloured top and bottom rings
 - Great decorative potential for KEG liner
- Perfect handling
 - Up to 36 % lighter than 100 % steel KEGs
 - Logistics benefit: approx. 6 % more content in a 40" container
- Shock absorber effect of top and bottom rings guarantees maximum stability



Design KEG for strong brands



The **ECO KEG** is a trend-setter, confirmed immediately by two international awards – for innovative design and for exceptional ecological benefits. Both awards came from the internationally recognised “Industrie Forum Design” in Hanover.



The ECO KEG consists of a stainless steel liner, fitted with top and bottom rings of polypropylene (PP). These are connected to the liner by a safety clip-on technique and are therefore replaceable. This makes the KEG more flexible, economical and more convenient in operation and handling.

Technical Data

Stainless steel liner material	standard: mat. no. 1.4301, AISI 304 special: mat. no. 1.4571, AISI 316
Top and bottom rings	PP (polypropylene), UV-stabilised, recyclable material
PP colour	standard black, other colours acc. to customer wishes
Neck and fitting	all current types
Operating overpressure	3 bar or 7 bar
Test pressure	minimum 8 bar overpressure
Opening pressure of safety bursting point	35 ± 5 bar overpressure (KEGs Ø 239 mm) 40 ± 5 bar overpressure (KEGs Ø 407 mm)
Numbering	standard, lasered
Coding (options)	character code/transponder/ barcode/QR code
Bavarian tapping	not available
Repairs	PP rings can be replaced

All types of fittings and necks

Ergonomic hand-holds

Biologically safe

Recycleable

Safety bursting point



Lasered numbers, character code, transponder, barcode

Coloured top and bottom rings of polypropylene (PP)

Stainless steel liner with brushed exterior

Stable stacking rim

ECO Junior KEG DIN Form

Content	5.2 l 1.37 US-gal	10.4 l 2.75 US-gal	15.5 l 4.10 US-gal	19.5 l 5.16 US-gal	20.5 l 5.42 US-gal
Filling volume	5 l	10 l	15 l	19 l	20 l
Height	200 mm	326 mm	443 mm	538 mm	560 mm
External Ø	239 mm	239 mm	239 mm	239 mm	239 mm
Weight ¹	approx. 1.9 kg	approx. 2.5 kg	approx. 3.2 kg	approx. 3.6 kg	approx. 3.7 kg

ECO KEG DIN Form

Content	20.5 l 5.28 US-gal	30.4 l 7.93 US-gal	50.4 l 13.21 US-gal	
Filling volume	20 l	30 l	50 l	
Height	310/330 mm	400 mm	600 mm	
External Ø	374 mm	374 mm	374 mm	
Weight ¹	approx. 6.0 kg	approx. 7.0 kg	approx. 8.6 kg	

ECO KEG Euro Form

Content	20.5 l 5.28 US-gal	25.5 l 6.61 US-gal	30.4 l 7.93 US-gal	50.4 l 13.21 US-gal	58.67 l 15.5 US-gal
Filling volume	20 l	25 l	30 l	50 l	58 l
Height	283 mm	324 mm	365 mm	532 mm	603 mm
External Ø	407 mm	407 mm	407 mm	407 mm	407 mm
Weight ¹	approx. 6.8 kg	approx. 7.3 kg	approx. 7.8 kg	approx. 9.7 kg	approx. 10.6 kg

The ECO KEG is available in all sizes from 5 - 58.67 litres and for operating pressures of 3 bar acc. to DIN 6647-1 (for beer and wine) and 7 bar acc. to DIN 6647-2 (for soft drinks)

US gal = 3.785 l ¹ weight without fitting ² weight with L type fitting



Wide range of decorative possibilities

- Coloured stripes between, above and below the rolling rims
- Logo presentation (2-colour, silk screening)
- Robust stickers
- Embossing in top and bottom rings
- Engraving and laser printing in the neck and base



Classic KEG for strong brands



Manufactured completely from high-grade stainless steel: the **SUDEX stainless steel KEG** provides proven SCHÄFER technology throughout the entire range. Robust, durable and easy to use – a genuine classic KEG for beer and wine. Wide selection included: 15 to 50 litres acc. to DIN and EURO standards (EURO standard from 20 litres), 1/6 Barrel (Ø 233 mm), 1/4 (Ø 283 or 404 mm) and 1/2 Barrel (Ø 404 mm) acc. to US standard and 10 to 25 litre slim-form KEGs (Ø 278 mm).



Technical Data

Material	standard: mat. no. 1.4301, AISI 304 special: mat. no. 1.4571, AISI 316
Neck and fitting	all current types
Stackable	on request
Operating overpressure	3 bar or 7 bar
Test pressure	minimum 8 bar overpressure
Opening pressure of safety bursting point	35 ± 5 bar overpressure
Numbering	embossed (standard)
Coding (options)	character code/transponder/barcode/QR code
Bavarian tapping	not available
Repairs	possible

SUDEX KEG DIN Form

Content	15.5 l 3.96 US-gal	20.5 l 5.28 US-gal	30.5 l 7.93 US-gal	50.5 l 13.21 US-gal	
Filling volume	15 l	20 l	30 l	50 l	
Height	258 mm	310 mm	400 mm	600 mm	
External Ø	363 mm	363 mm	381 mm	381 mm	
Weight ¹	approx. 7.5 kg	approx. 8.2 kg	approx. 9.4 kg	approx. 12.0 kg	

15/20 l = without roller

SUDEX KEG Euro Form

Content	10.5 l 5.28 US-gal	20.5 l 6.61 US-gal	25.5 l 7.93 US-gal	30.5 l 13.21 US-gal	50.5 l
Filling volume	10 l	20 l	25 l	30 l	50 l
Height	208	285 mm	327 mm	365 mm	532 mm
External Ø	363	395 mm	395 mm	408 mm	408 mm
Weight ¹	approx. 7.2 kg	approx. 9.1 kg	approx. 10.1 kg	approx. 12.6 kg	

20/25 l = without roller

SUDEX Slimline KEG ø 237 mm

Content	20.5 l 5.28 US-gal				
Filling volume	20 l				
Height	568 mm				
External Ø	237 mm				
Weight ¹	approx. 5.0 kg				

¹ weight without fitting

SUDEX Slimline KEG ø 278 mm

Content	10.5 l 2.64 US-gal	12.5 l 3.17 US-gal	15.5 l 3.96 US-gal	20.5 l 5.28 US-gal	25.5 l 6.61 US-gal
Filling volume	10 l	12 l	15 l	20 l	25 l
Height	281 mm	314 mm	365 mm	447 mm	532 mm
External Ø	278 mm	278 mm	278 mm	290 mm	290 mm
Weight ¹	approx. 4.5 kg	approx. 4.9 kg	approx. 5.4 kg	approx. 6.3 kg	approx. 7.2 kg

10/12/15 l = without roller

SUDEX KEG US Standard

Content	19.5 l ½ Barrel	29.33 l ¼ Barrel tall	29.33 l ¼ Barrel	58.67 l ½ Barrel	
Filling volume	19 l	29 l	29 l	58 l	
Height	590 mm	590 mm	345 mm	590 mm	
External Ø	233 mm	283 mm	404 mm	404 mm	
Weight ¹	approx. 5.6 kg	approx. 7.9 kg	approx. 9.9 kg	approx. 13.5 kg	

US gal = 3.785 l ¹ weight without fitting



Brand ambassador for Premix

- For transport and storage of soft drinks
- PU jacket available in any colour
- In-mould coating and labelling process makes any decor possible



Premium KEG for soft drinks



The **SOFT DRINK KEG** from SCHÄFER has many trend-setting benefits. Coca-Cola, Pepsi, Sinalco and other large-scale bottlers are happy to rely on SCHÄFER expertise. This cool container proved a great success and was awarded the State Design Prize for its clarity and aesthetic appearance.

Polyurethane coated KEG with stainless steel liner, DIN compliant, in 10.4 l to 41 litre sizes or, partly coated, in 10.4 l or 20.5 litre sizes. Ideal for all soft drinks.

Technical Data

Stainless steel liner material	standard: mat. no. 1.4301, AISI 304 special: mat. no. 1.4571, AISI 316
Full coating	PU (polyurethane), UV-stabilised
Partly coated	10.4 l and 20.5 l
PU colour	standard: black special colours: on request
Neck and fitting	standard SDK neck or neck with left-hand thread
Operating overpressure	7 bar
Test pressure	approx. 10 bar overpressure
Opening pressure of safety bursting point	standard: 35 ± 5 bar overpressure 41 l SDK: 40 ± 5 bar overpressure
Coding (options)	Standard: datixPLUS/ alternative: transponder/barcode
Repairs	partial only, new PU jacket possible

All types of fittings and necks

Ergonomic hand-holds

Recycleable PU jacket, CFC-free, UV stabilised, available in different colours



Character code datixPLUS, transponder, barcode

Coloured decor: in-mould coating or in-mould labelling

Smooth-walled stainless steel liner

Biologically safe

Repairs possible

Stable stacking rim

Safety bursting point

SOFT DRINK KEG DIN Form

Content	10.4 l 2.75 US-gal	15.5 l ² 4.10 US-gal	20.5 l 5.42 US-gal	41 l ² 10.83 US-gal
Filling volume	10 l	15 l	20 l	40 l
Height	326 mm	443 mm	560 mm	510 mm
External Ø	239 mm	239 mm	239 mm	381 mm
Weight ¹	approx. 3.5 kg	approx. 4.6 kg	approx. 5.5 kg	approx. 10.0 kg

US gal = 3.785 l ¹ weight with L type fitting ² only available fully coated

All types of fittings and necks

Ergonomic hand-holds

Biologically safe

Recycleable

Safety bursting point



Lasered numbers, character code, transponder, barcode

Coloured top and bottom rings of polypropylene (PP)

Stainless steel liner with brushed exterior

Stable stacking rim

ECO SOFT DRINK KEG DIN Form

Content	5.2 l 1.37 US-gal	10.4 l 2.75 US-gal	15.5 l 4.10 US-gal	20.5 l 5.42 US-gal
Filling volume	5 l	10 l	15 l	20 l
Height	200 mm	326 mm	443 mm	560 mm
External Ø	239 mm	239 mm	239 mm	381 mm
Weight ¹	approx. 2.0 kg	approx. 2.7 kg	approx. 3.4 kg	approx. 4.0 kg

US gal = 3.785 l ¹ weight without fitting ² weight with type L fitting



Show your true colours

- Whether in one or more colours: our Party-KEGs have a wide range of decoration possibilities
- Application of logos and slogans in the middle
- Eye-catching all-round printing



The self-service KEG



Bunghole



Tap



Air inlet valve for flat fitting



Air inlet valve for basket fitting

Party-KEGs from SCHÄFER: simply knock in the tap and the fun can begin: Enjoy tapping fresh draught beer. The KEGs with the insulating PU coating in sizes of 10, 15 and 20 litres can be decorated individually, according to customer wishes. Whether in one or more colours, with a logo or slogan in the middle of the barrel or with all-round lettering – we can help you increase your brand recognition even further. The spring valve closes the KEG automatically once the tap is removed. This prevents dripping and guarantees optimum protection for the beer inside.

Technical Data

Stainless steel liner material	standard: mat. no. 1.4301, AISI 304 special mat. no. 4571, AISI 316
Coating	PU (polyurethane) CFC free, UV stabilised
PU colour	standard: black other colours and multi-colour on request
Neck and fitting	all current types
Operating overpressure	3 bar
Test pressure	min. 8 bar overpressure
Opening pressure of safety bursting point	40 ± 5 bar overpressure
Numbering	standard embossed
Coding (options)	datixPLUS/transponder/barcode
Bavarian tapping	Party-KEG available with spring valve or bung hole
Repairs	partial only, new PU jacket possible

All neck and fitting types

PU jacket is recyclable, CFC-free, UV-stabilised, available in different PU colours



datixPLUS character code, transponder, barcode

Smooth-walled stainless steel liner

Coloured decor

Safety bursting point

Bavarian bung hole

Party-KEG

Content	10 l	15 l	20 l
Filling volume	10 l	15 l	20 l
Height	327 mm	365 mm	408 mm
External Ø	289 mm	316 mm	341 mm
Weight ¹	approx. 5.3 kg	approx. 6.8 kg	approx. 8.5 kg

¹ Weight without fitting



Flexible small-scale dispensing system

- "Two-chamber system": KEG has integrated dispensing gas supply – no handling of CO₂-cylinders required
- Easy-to-clean plastic dispenser head
- Fresh draught beer – any time, any place



Real draught beer, any place, any time



freshKEG is simply ideal for parties and festivals, large-scale events, bistros and catering businesses, because the two-chamber system with "CO₂ inside" and the freshKEG dispense head, with the world's shortest beer dispensing line, guarantee maximum flexibility and quality. Any place, any time. The perfect way to have fun, increase sales and reduce the workload! Specially developed cooling accessories (ice-packs, cooler) make sure the beer is at exactly the right temperature and that the customers are extremely satisfied.



- ① Beverage, always fresh
- ② Gas container with dispensing gas (carbon dioxide/nitrogen/mixed gas; filling pressure max. 7 bar)
- ③ Dispensing gas (dispensing pressure, standard 1 bar overpressure)
- ④ Safety fitting
- ⑤ Dispense head with pressure reducer and tap

Technical Data

Stainless steel liner material	standard: mat. no. 1.4301, AISI 304 special: mat. no. 1.4571, AISI 316
Top and bottom rings	PP (polypropylene), UV-stabilised, recyclable material
PP colour	standard: black gloss, other colours on request
Neck and fitting	freshKEG safety system
Operating overpressure	3 bar/7 bar
Test pressure	approx. 9 bar overpressure
Opening pressure of safety bursting point	standard: 25 ± 7 bar overpressure
Numbering	standard, lasered
Coding (options)	character code/transponder/barcode
Dispense head	dispense head with integrated compensator and pressure reducer
Flow	1.5 to 2.0 litres/minute (standard setting), depending on pressure and temperature
Repairs	PP rings, CO ₂ valve and parts of the fitting can be replaced
Ecology	re-usable system. All component parts can be recycled
Application	can be used for almost all beverages
Cleaning dispense head	according to instructions, max. cleaning temperature 55°C
Cooling	Ice packs, special freshKEG cooler

freshKEG DIN 6647-1 u. 2

Content*	5,2 l 1.37 US-gal	10,3 l 2.72 US-gal
Filling volume	5 l	10 l
Height	258 mm	394 mm
External Ø	253 mm	253 mm
Weight	approx. 3.4 kg	approx. 4.4 kg

* other sizes with contents of between 5 and 15 litres are available depending on the order volume



The highlight for small restaurants and caterers

- Convincing dispensing quality
- Completely hygienic due to one-way beer line
- Fully pre-set and tamper-proof system
- high-quality, elegant design for finest restaurant environments
- Ideal advertising space, direct access to customers



Fresh draught beer for restaurants and small caterers



smartDRAFT™ KEG



smartDRAFT™ TAP and one-way beer line



smartDRAFT™ Cooler: MINI and STANDARD



Cooler with customized branding

Experience real flavour

Two-thirds of all beer drinkers prefer the flavour of draught beer to bottled beer.

smartDRAFT™ : So that beer tastes the way beer should!

Thanks to the one-way beer line and the pre-set temperature and pressure, a perfect draught beer experience is guaranteed.

Open up new possibilities

smartDRAFT™: top quality guarantees pure enjoyment, whether you use it as an alternative to an existing bar or as an additional dispensing point for special beers or trendy drinks, or even as a mobile bar for outdoor events.

Open up new market opportunities for your business by offering fresh draught beer in premium quality even where, up to now, only bottles were available!

The benefits that make the difference

For breweries, their customers in the restaurants, catering business, the retail trade and, above all, for consumers, smartDRAFT™ offers a great range of convincing benefits.

Flavour of the highest quality

- Lastingly fresh draught beer flavour and best dispensing quality
- Perfect drinking temperature, all the time
- Perfect hygiene thanks to the one-way beer line
- Integrated CO₂ supply

Economical dispensing system

- Ideal for smaller restaurants and catering businesses
- Low investment costs
- No tapping wastage
- No cleaning required for beer lines and tap, no servicing and maintenance costs
- New sales potential due to mobile dispensing



smartDRAFT™ TAP

Dimensions	
Flow rate ¹	1.8 l/minute at pre-set pressure of 1.1 bar
Weight	1.6 kg
Height	186 mm
Width	124 mm
Length	346 mm

¹ for all beers with 4.5 – 5.5 g CO₂/l in a temperature range of 3 – 8 °C



smartDRAFT™ One-way beer line

Dimensions	
Length	270 mm
Weight	20 g



smartDRAFT™ KEG

Content	10.3 l / 2.72 US-gal
Filling volume	10 l
Weight	approx. 4.9 kg
Dimensions	
Height	411 mm
External Ø	253 mm
Material grades for stainless steel liner	standard: mat. no. 1.4301, AISI 304 special: mat. no. 1.4571, AISI 316
Top and bottom rings	PP (polypropylene), UV-stabilised, recyclable material
PP colouring	standard: black, other colours available on request
Neck and fitting	smartDRAFT™ safety system
Operating overpressure	max. 3 bar
Test pressure	approx. 9 bar overpressure
Safety burst point triggering pressure	25 ± 7 bar overpressure
Numbering	standard, lasered
Coding (optional)	Character code datixPLUS/transponder/barcode
Ecology	reusable system, all parts are recyclable

Technical Data



smartDRAFT™ MINI

Dimensions	
Height	605 mm
Width	405 mm
Depth/with drip tray	365/500 mm
Weight	11.5 kg



smartDRAFT™ STANDARD

Dimensions	
Height	542 mm
Width	350 mm
Depth/with drip tray	535/670 mm
Weight	25 kg
Tapping temperature ¹	von 3 °C bis 8 °C
Cooling time ¹	3 h
Room temperature	von 10 °C bis 32 °C
Nominal voltage/frequency	230 V/50 Hz
Wattage	150 W
Power consumption	0.6 kWh/Tag
Compressor rating ²	140 W
Fan volume flow rate	60 m ³ /h
Coolant	R134a
Coolant amount	0.08 kg

¹ to 8 °C at 20 °C room temperature/beer storage temperature ² at 0 °C evaporation temperature



Applications

- Water processing (de-ionisation, radiator filling, supplying industrial dish washing and coffee machines, Laboratory technology)



Ion exchanger for regenerable resin mixtures

Ion exchanger as a polyurethane (PU) coated stainless steel containers

- Material: stainless steel 1.4571 (standard) or 1.4301
- Equipment: stainless steel filling and emptying system, or as an alternative, the innovative MONOBLOC system is available in a robust plastic design
- Safety bursting point
- Branding options: in-mould labelling and completely coloured
- Stackable
- Shock absorber effect
- Noise reduction
- Ergonomic handling
- Foam-sealed transponder

Stainless steel ion exchanger with PP top and bottom rings

- Material: stainless steel 1.4571 (standard) or 1.4301
- Equipment: stainless steel filling and emptying system, or as an alternative, the innovative MONOBLOC system is available in a robust plastic design
- Safety bursting point
- Coloured, exchangeable top and bottom rings of polypropylene (PP)
- Branding options: embossing, silk screening, labelling, painting
- Stackable
- Shock absorber effect due to (PP) top and bottom rings
- Transponder can be used in top ring (pouch)

Filling and emptying system

MONOBLOC

Standard

Standard

MONOBLOC



- Neck RD 58 x 1/6"
- 2 necks G 3/4"
- RD 58 1/6" plug with G 1/4" venting screw
- 2 G 3/4" double nipples
- One filling and drainage pipe each with nylon fabric

SCHÄFER PU-coated ion exchanger, Content 10-50 L

Content	10 l	15 l	20 l	50 l
Height	326 mm	443 mm	560 mm	612 mm
External Ø	239 mm	239 mm	239 mm	372 mm

SCHÄFER stainless steel ion exchanger with PP rings, Content 10-58 L

Content	10 l	15 l	20 l	26 l	50 l	58 l
Height	326 mm	443 mm	560 mm	594 mm	532 mm	603 mm
External Ø	239 mm	239 mm	239 mm	253 mm	407 mm	407 mm



In-mould Coating

In-mould Coating involves a lacquer or paint being sprayed into the foam mould at defined points, using a template, for example. The polyurethane (PU), which is sprayed into the mould at high pressure, bonds with the paint, forming a very strong and scratch-resistant compound.

In-mould Labelling

For in-mould labelling, a carrier foil with almost any complex design, (a logo or photo, for instance) is placed into the mould. After the foaming process, the carrier foil is peeled off the barrel to reveal a design of perfect quality that has adhered completely to the foam.

Electrochemical signature

The electrochemical signature applies a logo to the stainless steel surface, by means of an electrolyte solution and electric current.

Labelling

In this process, a special carrier foil with an innovative combination of paint and adhesive is applied to the stainless steel liner. When the carrier foil is removed, the design is firmly fixed to the barrel.

The KEG as a brand ambassador

ECO KEG: Stainless steel KEGs with top and bottom rings of PP

KEG body



- Electrochemical signature



- Labelling
- Coloured stripes

Top and bottom rings

Top ring



- Coloured top and bottom rings of polypropylene (PP)
- Embossing for Slimline and Euro diameters
- Coloured labelling possible on Euro diameter

KEG neck and base



- Laser printing, also possible on KEG base (2D barcode, logo, numbering, names etc.)

SUDEX KEG: 100 % stainless steel KEGs

KEG body



- 2-colour silk screening
- Labelling



- Coloured stripes between, above and below upper and lower rolling rims

Top and bottom rings



- Embossing

KEG neck and base



- Laser printing and engraving (2D barcode, logo, numbering, names etc.)

PLUS KEG/junior PLUS KEG: PU-vollummantelte KEGs

KEG body



- In-mould coating
- In-mould Labelling



- Coloured stripes between, above and below upper and lower rolling rims (advertising space)

KEG neck and base



- In-mould coating
- In-mould labelling



- Embossing



To ensure your KEGs remain fully functional over many years in their hard working environments, SCHÄFER Container Systems offers customers a comprehensive KEG service.

Repair and refurbishing of all KEG types

- Repairing damage to PU jacket
- Replacing damaged top and bottom rings on ECO KEGs
- Repairing dents on top and bottom rings
- Neck repairs
- Volume alterations, e.g. from 50 l to 30 l (except on PU coated KEGs)
- Retrofitting transponders of all types
- Neutralising logos
- Application of new logos
- Re-working defective weld seams (except on PU coated KEGs)
- Polishing
- Calibration

Our service for you

SCHÄFER offers the beverage industry not only high-quality KEGs for every application, but also perfectly matching system components. We look at things from our customers point of view, thinking in terms of complete units, because only a system which functions as an enclosed compatible unit can really bring success. For you and us.

On this page we would like to present a small selection of ideas from our complete SCHÄFER range. If you would like more details, or if you are interested in proposals for special solutions, we will be happy to offer you personal and comprehensive advice at any time. Just contact us.



Fitting types

Whether basket, flat or combination, soft drink, standard or safety, threaded or threadless fittings, all fitting types can be used



Dispense heads

For each fitting there is the appropriate dispense head. Simply attach and tap. Clean, fast and reliable



Traceability

All SCHÄFER KEGs can be fitted with a permanently integrated coding system, such as character code, barcode, transponder or datixPLUS, according to your requirements



Coding systems bring more transparency to logistics and allow comprehensive container management



Control KEG

SCHÄFER control KEGs serve to check the filling, the cleaning and the pressure. Control KEGs are available for all SCHÄFER KEG types



Cleaning KEG

Cleaning KEGs from SCHÄFER optimise the decentralised cleaning of the dispense facility from the dispense head to the tap. Up to five beverage pipes with KEG connections can be cleaned at the same time. Moreover the Cleaning KEG for soft-drink dispenser systems is available with an additional connection type for older container connectors



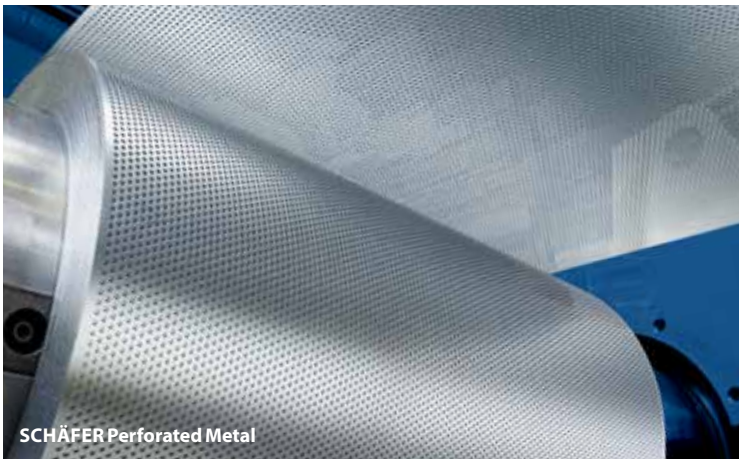
Adapter ring

The various adapter rings allow SCHÄFER Slimline KEGs to be used on existing cleaning and filling plants for DIN or Euro standard KEGs

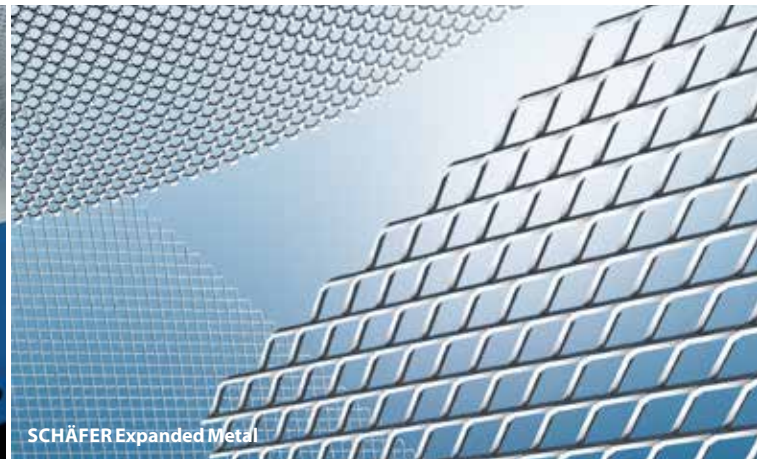
XII. The SCHÄFER WERKE Group of Companies



Stahl-Service-Centre EMW



SCHÄFER Perforated Metal



SCHÄFER Expanded Metal



SCHÄFER Container Systems



SCHÄFER IT-Systems



SCHÄFER Interior Systems



SCHÄFER Industrial Solutions

SCHÄFER WERKE – Expertise in steel processing

Within the SCHÄFER Group, **SCHÄFER WERKE** are the specialists for the development, manufacture and sale of fine steel sheet and stainless steel products. Constant growth and the uncompromising extension of the product range underline the company's successful strategy. The outstanding success of the five individual business areas lies above all in the ability to put customer wishes into practice quickly, while keeping the products themselves highly individual. At SCHÄFER, it's not a question of one thing or the other.

The extraordinary speed at which new sheet steel products can be realised stems from the close co-operation of all business areas with our own **EMW Steel Service Centre**, which, with a storage capacity of 100,000 t of fine steel sheet, can provide the coils, slit strips, cut-to-size sheets and formats required for further processing in very high quality and at very short notice.

SCHÄFER Perforated Metal supply a broad and rapidly available range of high-quality perforated plates and sheets for all sectors and application fields.

SCHÄFER Expanded Metal has the right mesh for every application. With high-precision tools and equipment customer wishes are implemented in terms of quality, material, mesh type and size.

SCHÄFER IT-Systems develops, designs and produces standardised and made-to-measure network and server cabinets, as well as data centre and water-cooled server cabinet solutions.

SCHÄFER Interior Systems develop and manufacture high-quality steel furniture for workshop and factory floor, as well as office and administration.



SCHÄFER Industrial Solutions develops, designs and manufactures customised punched and bent parts, machine cladding, special and standard housing solutions in metal.

SCHÄFER Container Systems is one of the world's leading suppliers of reusable stainless steel beverage containers for beer, wine and soft drinks, as well as for IBCs and special containers for solid and liquid substances and granulates.

Our great manufacturing expertise, our extensive range of production equipment and our employees' outstanding level of qualification make SCHÄFER the ideal partner for contract manufacturing. By working with SCHÄFER, our customers can profit from measurable time and cost-saving benefits.

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Our production locations



Head office and production site at Neunkirchen (D)



Plant Betzdorf (D)



Plant Ledec nad Sázavou (CZ)

SCHÄFER Container Systems, one of the world's leading suppliers of container solutions for the beverages industry, is part of the internationally successful SCHÄFER WERKE group. The owner-led group of companies has its headquarters in Neunkirchen in Germany's Siegerland region. The work of all the SCHÄFER WERKE divisions – SCHÄFER Container Systems, SCHÄFER IT-Systems, SCHÄFER Industrial Solutions, SCHÄFER Interior Systems, SCHÄFER Expanded Metal, SCHÄFER Perforated Metal, EMW Steel Service Center – is based on high-quality fine steel sheet. The processing of this material is one of the core competencies of this enterprise.

