



Niehues

Hydraulik • Antriebstechnik



STAUFF Quick Release Couplings

Push-to-connect and screw-to-connect couplings
for connecting and disconnecting fluid media

Product Catalogue

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Germany

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STAUFF products and services are globally available through wholly-owned subsidiaries and a tight network of authorised distributors and representatives in all major industrial regions of the world.

You can find detailed contact information on the last two pages of this product catalogue or at www.stauff.com/contact.

Please note: Unless otherwise stated, all data and figures in this product catalogue are approximate values and are only valid as references, which are not binding (also in respect to any third parties' rights of protection) and thus do not release the customer / user from checking and testing the suitability of the products for the foreseen purposes. Therefore, data and figures can only be used in a limited sense for construction purposes.

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Subject to modifications due to the ongoing development and improvement of the products.

With the publication of this product catalogue, previous editions are no longer valid.



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Introduction



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- Light Series Clamps
- Saddle Clamps
- U-Bolt Clamps
- Metal Clamps
- Construction Series



Catalogue 2
STAUFF Connect

- Tube Connectors
- Assembly Tools and Devices



Catalogue 3
STAUFF Flanges

- SAE Flanges
- Gear Pump Flanges



Catalogue 4
STAUFF Hose Connectors

- Hose Connectors
- High-Pressure Hose Connectors



Catalogue 5
STAUFF Quick Release Couplings

- Push-to-Connect Couplings
- Multi Couplings
- Screw-to-Connect Couplings



Catalogue 6
STAUFF Valves

- Two-Way Ball Valves
- Multi-Way Ball Valves
- Flow Control and Check Valves
- Gauge Isolator Valves



Catalogue 7 STAUFF Test

- Test Couplings
- Test Adaptors
- Test Hoses and Connectors



Catalogue 8 STAUFF Diagtronics

- Pressure Gauges
- Hydraulic Testers
- Oil Analysis Equipment



Catalogue 9 STAUFF Filtration Technology

- Replacement Filter Elements
- Pressure Filters
- Return-Line Filters
- In-Line Filters
- Spin-On Filters
- Offline and Bypass Filters
- Filtration Systems



Catalogue 10 STAUFF Hydraulic Accessories

- Fluid Level and Temperature Indicators
- Tank Filler Breathers
- Giant and Desiccant Air Breathers
- Suction Strainers
- Diffusors



Introduction



For more than 50 years, the companies of STAUFF Group have been developing, manufacturing and distributing pipework equipment and hydraulic components for mechanical and plant engineering and for service and industrial maintenance.

In addition to mobile and industrial hydraulic machinery, typical applications also include commercial and special purpose vehicles, rail transportation and energy technology. Likewise, STAUFF products are used in marine, oil and gas applications and in the process, food and chemical industries.

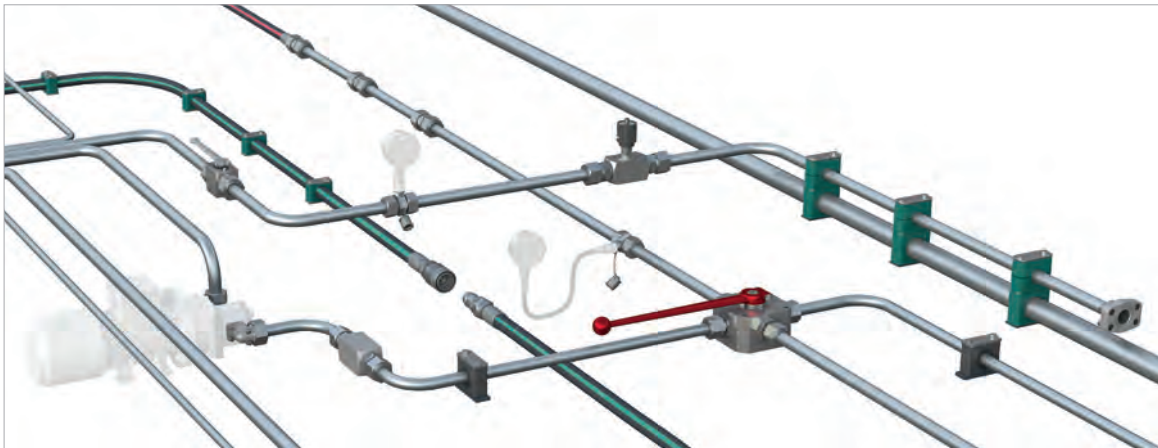
The overall range currently includes about 50000 standard products as well as numerous special and system solutions according to customer's specifications or based on our in-house development.

All STAUFF products undergo relevant testing in accordance with international regulations and are governed by the high standards of the in-house quality management system. Furthermore, many items have received certifications and approvals from various international institutes, organisations and authorities who have independently confirmed the quality and performance of the products.

Wholly-owned manufacturing, sales and service facilities in 18 countries and a tight global network of authorised distribution partners ensure high presence and service paired with a maximum of availability.



STAUFF LINE Components



With the seven dedicated **STAUFF Line** product groups

- **STAUFF Clamps**
- **STAUFF Connect**
- **STAUFF Flanges**
- **STAUFF Hose Connectors**
- **STAUFF Quick Release Couplings**
- **STAUFF Valves**
- **STAUFF Test**

from own, in-house development and manufacturing, the companies of the STAUFF Group provide a comprehensive range of components for fastening and connecting pipes, tubes and hoses for mobile and industrial hydraulic applications and many other industries.

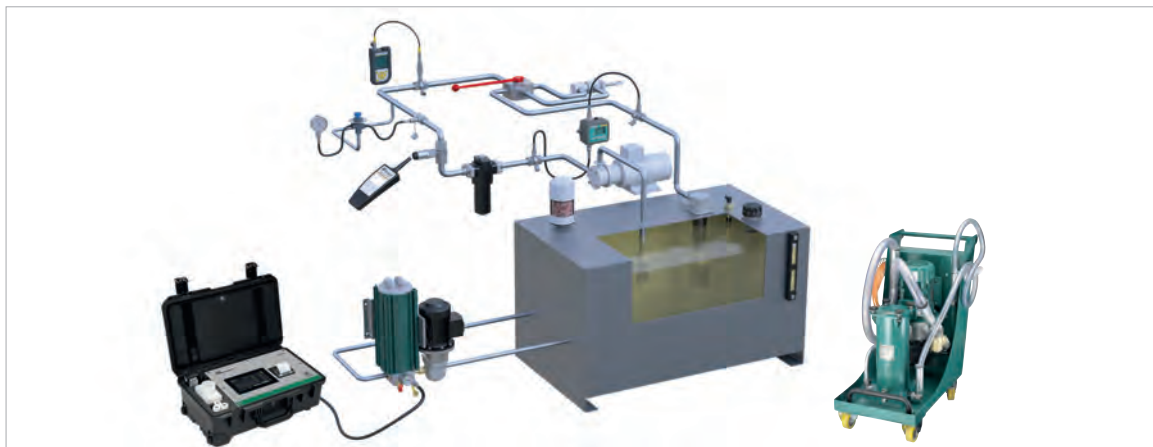
The portfolio is completed by components for shutting-off, regulating, throttling and measuring fluid media.

In order to perfectly match each other, STAUFF Line products are designed and offered on a high, uniform level of quality. A large proportion of the range made from steel comes as standard with the premium STAUFF Zinc/Nickel surface coating, which is also optionally available for many of the other components.

This coating offers the most reliable surface protection far beyond the previous market standards – even after transport, handling and assembly of the components – and meets all current legal requirements.

If desired, Original Equipment Manufacturers can be supported with value-added services, from **technical consultation to pre-assembly, assembly and kitting** as well as **logistics services**:

- Support with the **selection of suitable standard components** and ordering options; provision of **customised solutions** according to customer's specifications or based on our in-house development – from prototyping to large scale production
- **Analysis and optimization** of existing and design and developments of new systems aimed at increasing the efficiency and performance of machines and equipment and creating value for customers by reducing the total cost
- **Pre-assembly, assembly and kitting** of individual components to customer-specific system modules
- Individually coordinated **procurement solutions** (e.g. web shop and electronic data interchange) and **supply models** (e.g. from warehousing of customised components to Kanban logistics and just-in-time delivery of pre-fabricated system modules to the assembly lines of the customers) aimed at optimising material flows



Aligned with the needs of the market, the product groups

- **STAUFF Test**
- **STAUFF Diagtronics**
- **STAUFF Filtration Technology**
- **STAUFF Hydraulic Accessories**

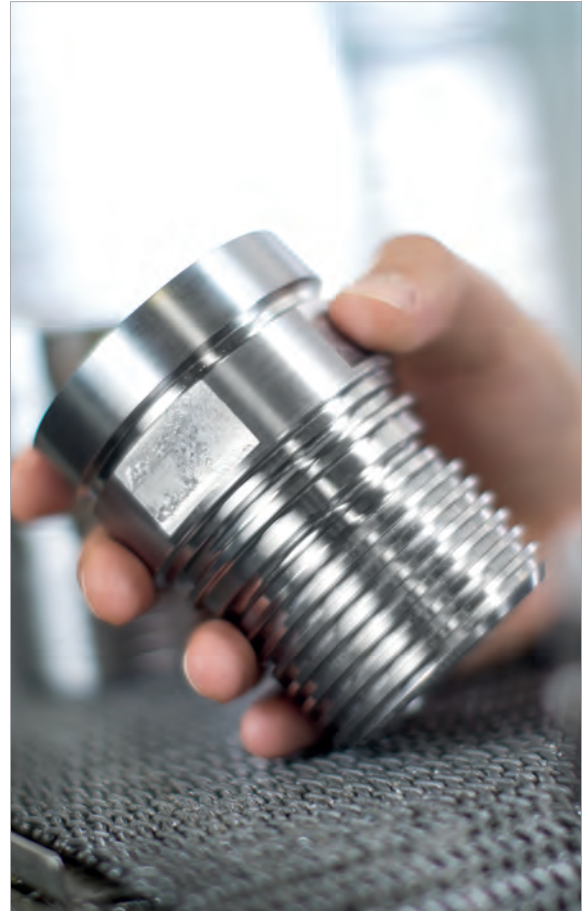
include a comprehensive range of analogue and digital measuring equipment and devices, filtration systems and replacement filter elements as well as accessories for the construction of tanks, reservoirs, power packs and gear boxes in mobile and industrial hydraulics.

The offer is completed by relevant value-added services:

- Support with the **selection of suitable components** and ordering options; provision of **customised solutions** according to customer's specifications or based on our in-house development – from prototyping to large scale production
- Analysis of existing hydraulic circuits aimed at filtration systems, tank components and monitoring devices that perfectly match to the specific requirements, and developing integrated concepts to increase the efficiency and performance of machines and equipment
- Individually coordinated **procurement solutions** and **supply models**



Introduction



STAUFF Quick Release Couplings

STAUFF couplings have proven their value for many years in practical use in hydraulic systems. The excellent quality of the couplings is the result of continual product improvement in which the experiences of users have been taken into consideration, as well. Our high production standards, combined with our quality management system certified in accordance with EN ISO 9001, assures the quality of our products.

For the technical specifications of the individual couplings please refer to the following pages of the catalog.

Housing material

Steel according to EN 10277:
Couplings Series FF, FC, HP-10, IA, IB, ID, BP, HUS, HSN, PS, RK/RH, FG, HH, HI, HT and MK with Zinc-Nickel coating,

Zinc-Plating and Thick-Film-Passivation
(Chrome III)

Seals

NBR (Buna-N®), PTFE
ISO 3601

Operating temperature

- 25 °C ... + 100 °C / - 13° F ... + 212° F
with NBR (Buna-N®), PTFE
- 25 °C ... + 200 °C / - 13° F ... + 392° F
with FKM (Viton®)

Please contact STAUFF to require other combinations of materials.

The operating pressures specified in our catalog relate to the strength of the housing components. Standardized connector shapes may have other rated pressures, which cannot automatically be applied to the particular coupling type.

Any remodeling and modification of the couplings are prohibited. By any maintenance of our couplings it's necessary to use original STAUFF parts. In case of using of no original parts or disassembling of the couplings the warranty will be expire.

The STAUFF hydraulic couplings don't have the 94/7/EG guidance for the using in explosive field. The couplings don't have an own ignition source which could be a reason of inflame.

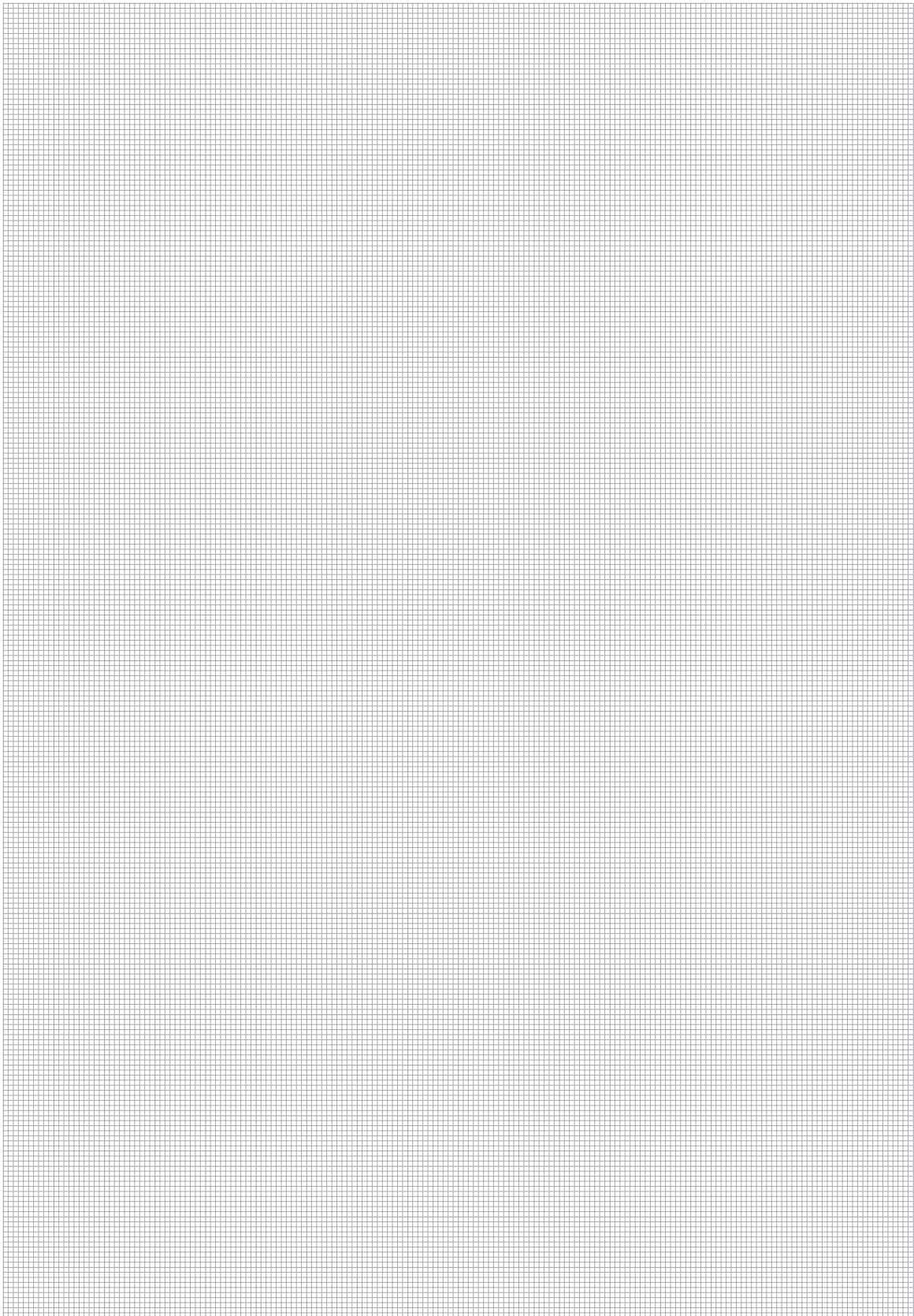


- Free of hexavalent chrome Cr(VI)
- ELV compliant according to 2000/53/EC (End of Life Vehicles Directive)
- REACH compliant according to 1907/2006/EC (Registration, Evaluation, Authorisation and Restriction of Chemicals)
- RoHS compliant according to 2002/95/EC (Restrictions of the Use of Hazardous Substances)



Normative references

EN ISO 8330:2000, ISO 5675,
ISO 5676, ISO 7241, ISO 16028, AMD 1

Introduction



www.stauff.com

With the STAUFF Digital Platform available at www.stauff.com, commercial customers and users of STAUFF products can not only inform themselves in all detail about the 50000 components typically available from stock, but also directly purchase these online without complex registration.

Main Functionalities of the STAUFF Digital Platform:

-  **Around the clock**
Check stock availability and pricing for STAUFF products in real time
-  **Cross references**
Search by article designations of other manufacturers / suppliers
-  **Live chat**
Get directly in touch with the STAUFF customer service and sales team
-  **CAD database**
Download 3D models and 2D drawings for STAUFF products

Advantages as a Registered User of the STAUFF Digital Platform:

-  **Purchase STAUFF products**
Taking customer-specific pricing and delivery conditions into account
-  **Ordering w/o searching**
Quick ordering by entering article number, quantity and requested delivery date
-  **File upload**
Direct upload of orders with multiple positions in CSV or Excel file format
-  **Notepad function**
Create project lists to save interesting products for later

www.stauff.com/cad

Immediate access to and free download of 3D models and 2D drawings for a growing number of STAUFF products

www.filterinterchange.com

Online database for the quick and easy identification and interchange of almost all common brands and types of replacement filter elements

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Overview



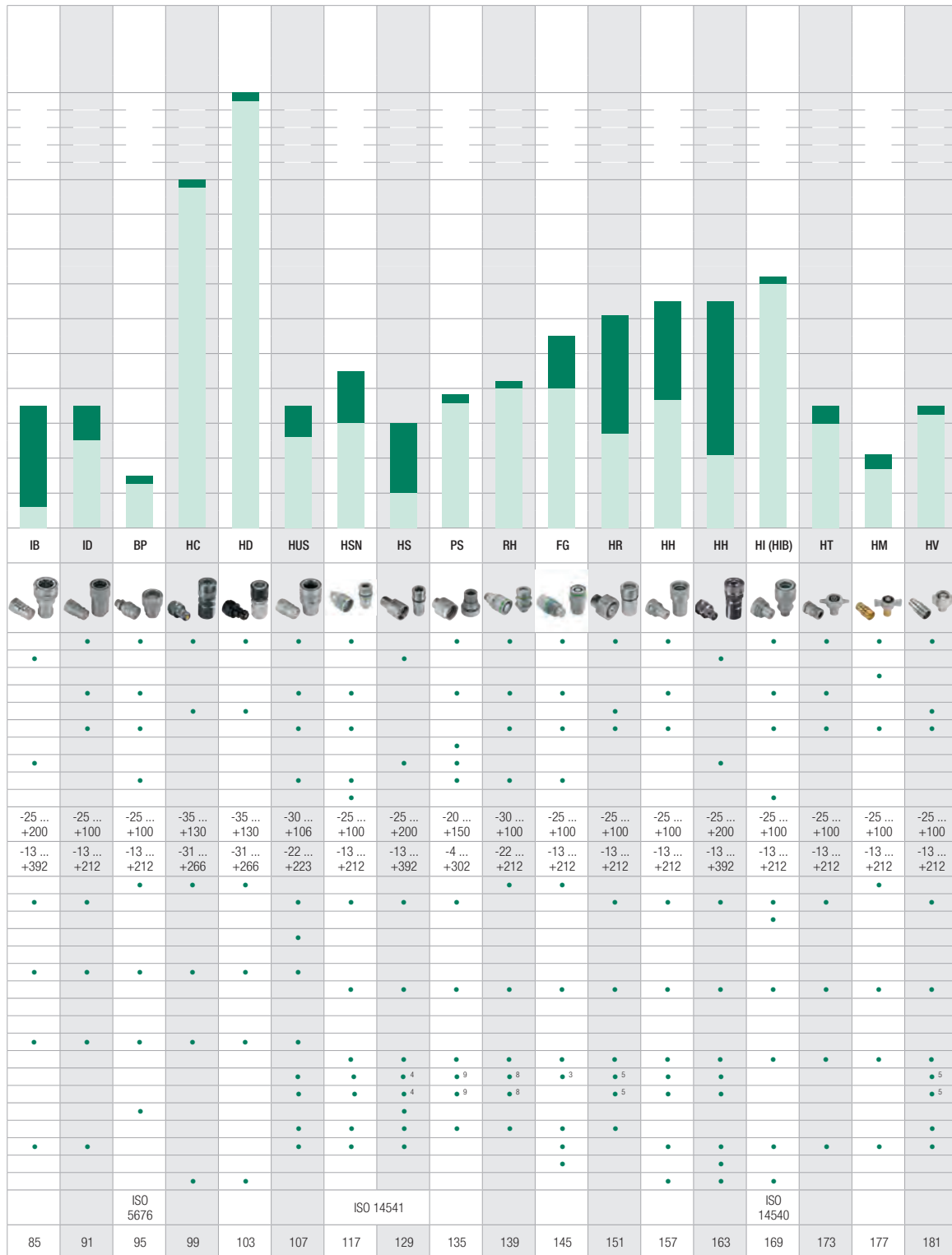
Quick Release Couplings • Overview

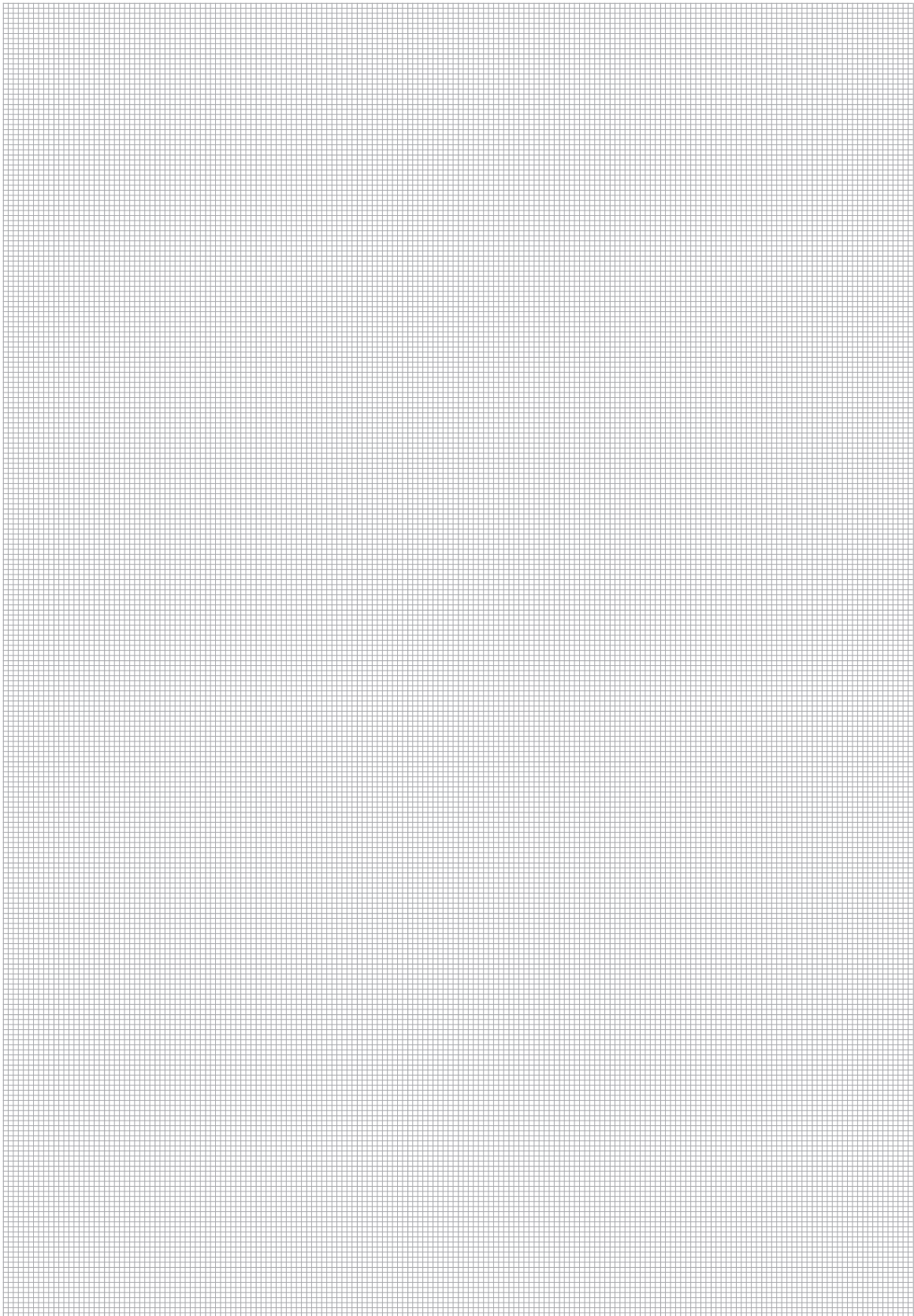
Working Pressure bar / PSI	1250 / 18130											
	1000 / 14504											
	900 / 13054											
	800 / 11603											
	700 / 10153											
	600 / 8702											
	500 / 7252											
	400 / 5802											
	300 / 4351											
	200 / 2901											
	100 / 1450											
Series		FF	FC	FH	FO	HP	HU	UX	IA	IA	IB	IB
Material												
	Carbon Steel	•	•			•	•	•	•		•	
Surface Finishing	Stainless Steel			•	•					•		
	Brass											•
Standard Seal Material(s) ¹	Zinc-Nickel	•	•			•	•		•		•	
	Zinc-Plating and Thick-Film-Passivation (Chrome III)	•				•		•				
Working Temperature	NBR (Buna-N®)	•	•			•	•	•	•		•	
	HNBR											
	FKM (Viton®)			•	•					•		•
	PTFE	•	•	•		•		•				
Valve Design	PU	•	•									
	°C	-25 ... +100	-25 ... +100	-25 ... +200	-25 ... +200	-25 ... +100	-25 ... +100	-30 ... +100	-25 ... +100	-25 ... +200	-25 ... +100	-25 ... +200
Connection	°F	-13 ... +212	-13 ... +212	-13 ... +392	-13 ... +392	-13 ... +212	-13 ... +212	-22 ... +212	-13 ... +212	-13 ... +392	-13 ... +212	-13 ... +392
	Flat Face	•	•	•	•							
Disconnection	Poppet Valve					•	•	•	•	•	•	•
	Ball Valve											
Connect Under Pressure ⁶	Push	•	•	•	•	• ²	• ²	•				
	Push and actuate Push-Pull Sleeve					•	•					
Application	Push and actuate Push Sleeve								•	•	•	•
	Screw											
ISO Interchange	Pull					• ²	• ²	•				
	Actuate Push-Pull Sleeve					•	•					
Page	Actuate Push Sleeve	•	•	•	•				•	•	•	•
	Screw											
Application	Male Tip		• ³				• ³					
	Female Body							• ⁷				
ISO Interchange	Agricultural and Forestry Machinery					•	•	•	•	•		
	Construction Machinery	•	•									
Page	Industrial Hydraulic	•	•	•						•	•	•
	Offshore				•							
Page	Rescue and Tensioning Hydraulics											
	ISO 16028	ISO 16028 <td>ISO 16028<td>ISO 16028</td><td></td><td colspan="5">ISO 7241-1, Series A</td><td colspan="2">ISO 7241-1, Series B</td></td>	ISO 16028 <td>ISO 16028</td> <td></td> <td colspan="5">ISO 7241-1, Series A</td> <td colspan="2">ISO 7241-1, Series B</td>	ISO 16028		ISO 7241-1, Series A					ISO 7241-1, Series B	
Page		17	29	37	41	45	53	57	61	67	73	79

¹ Alternative seal materials are available on request.
Working Pressure depends on the nominal size.
Minimum Working Pressure

² When mounting the Sleeve in Bulkhead
³ Up to max. 250 bar / 3626 PSI
⁴ Up to 33% of the Working Pressure with Tools
⁵ Max. 100 bar / 1450 PSI

⁶ Only Residual Pressure
⁷ Female Body up to max. 2,5 bar / 36 PSI,
ISO-A Male Tip up to the max. Working Pressure allowed
⁸ Max. 20 bar / 290 PSI Residual Pressure with Tools
⁹ Up to max. 50 bar / 725 PSI with Tools

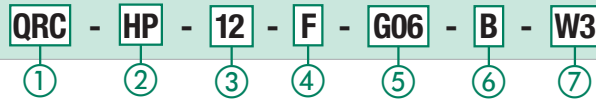






Overview

Structure of the Ordering Codes



① Quick Release Coupling (QRC)

② Coupling Series					
Push-to-Connect Couplings	FF	Flat Face Coupling acc. to ISO 16028	Push-to-Connect Couplings	HUS	
	FC	Flat Face Coupling acc. to ISO 16028, Connect Under Pressure	Multi Couplings	MK	Multicoupling System, Flat Face Coupling
	FH	Flat Face Coupling acc. to ISO 16028, Stainless Steel		HSN	ISO 14541
	FO	Flat Face Coupling, Stainless Steel		HS	ISO 14541, Stainless Steel
	HP	ISO 7241-1, Series A, Push-Pull		PS	For Hammer Application
	UX	ISO 7241-1, Series A, Push-Pull, Connect Under Pressure		RH	Flat Face Coupling, Pipeline Coupling
	IA	ISO 7241-1, Series A		FG	Flat Face Coupling, Connect Under Pressure
	IA	ISO 7241-1, Series A, Stainless Steel	Screw-to-Connect Couplings	HR	Screw-to-Connect Coupling
	IB	ISO 7241-1, Series B		HH	Screw-to-Connect Coupling
	IB	ISO 7241-1, Series B, Brass		HH	Stainless Steel
	IB	ISO 7241-1, Series B, Stainless Steel		HI	ISO 14540
	ID	Push-to-Connect Coupling		HT	Wing Style
	BP	ISO 5676		HM	Wing Style
	HC	Flat Face Coupling		HV	Wing Style
	HD	Flat Face Coupling			

③ Coupling Size																		
STAUFF	ISO 4397	Size	Flange		Metric Ports						EN ISO 9974		ISO 1179 BSP		Imperial Ports		SAE J1926-1	ANSI B 1.20.1
			ISO 6162-1	ISO 6261-2	DIN EN ISO 8434-1		EN ISO 6149								SAE J1453	ISO 11926	ANSI B 1.20.3	
			350 bar (3000 PSI)	420 bar (6000 PSI)											JIC 37°	ORS		
Nominal Size	DN	Inch			Light Series	Heavy Series	Light Series	Heavy Series	Light Series	Heavy Series	Light Series	Heavy Series	Light Series	Heavy Series	UN / UNF	UN / UNF	UN / UNF	NPT / NPTF
03	3,2	1/8					M8x1	M10x1										
04	4				M12x1,5-6	M14x1,5-6	M10x1	M12x1,5	M10x1	M12x1,5	G 1/8							1/8-27
05	5	3/16				M16x1,5-8			M12x1,5	M14x1,5			G 1/4		7/16-20	9/16-18	7/16-20	
06	6,3	1/4			M14x1,5-8	M18x1,5-10	M12x5	M14x1,5	M14x1,5	M16x1,5	G 1/4			1/2-20	1 1/16-16			1/4-18
08	8	5/16			M16x1,5-10	M20x1,5-12	M16x1,5		M16x1,5	M18x1,5			G 3/8		9/16-18		9/16-18	
10	10	3/8			M18x1,5-12	M22x1,5-14	M18x1,8	M18x1,5	M18x1,5	M20x1,5	G 3/8			3/4-16	1 3/16-16	3/4-16		3/8-18
12	12,5	1/2	13 (1/2")	13 (1/2")	M22x1,5-15	M24x1,5-16	M22x1,5	M22x1,5	M22x1,5	M22x1,5	G 1/2			7/8-14	1-14	7/8-14		1/2-14
16	16	5/8			M26x1,5-18	M30x2-20	M27x2	M30x2					G 3/4		1 1/16-12	1 3/16-12	1 1/16-12	
19	19	3/4	19 (3/4")	19 (3/4")	M30x2-20	M36x2-25	M30x2	M33x2	M26x1,5	M33x2	G 3/4	G 1		1 5/16-12	1 7/16-12	1 5/16-12		3/4-14
25	25	1	25 (1")	25 (1")	M36x2-25	M42x2-30	M33x2	M42x2	M33x2	M42x2	G 1	G 1 1/4		1 5/8-12	1 11/16-12	1 5/8-12		1-11,5
31	31,5	1 1/4	32 (1 1/4")	32 (1 1/4")	M42x2-35	M52x2-38	M42x2	M48x2	M42x2	M48x2	G 1 1/4	G 1 1/2		1 7/8-12	2-12	1 7/8-12		1 1/4-11,5
38	38	1 1/2	38 (1 1/2")	38 (1 1/2")	M52x2-42		M48x2	M60x2			G 1 1/2	G 2		2 1/2-12				1 1/2-11,5
51	51	2	51 (2")	51 (2")										3-12				2-11,5
63	63	2 1/2	64 (2 1/2")	64 (2 1/2")										3 1/2-12				

④ Component of Coupling				⑤ Type of Connection			
CC	Complete Coupling	BF	Dust Cover Body with flip-lid	Gxx	BSP Female thread ISO 1179	F6xx	Flange head 420 bar (6000 PSI), ISO 6262-2
CF	Female Body with Valve	HM	Male Tip holder (parking station for Male Tip)	Bxx	BSP Male thread ISO 1179	F3xx	Flange head 350 bar (3000 PSI), ISO 6162-1
FD	Female Body with Dust Plug / Cap	BH	Breakaway holder	NFxx	NPTF Female thread ANSI B 1.20.3	UxxM	UNF Male ORB thread SAE J1926-1, ISO 11926
FF	Female Body with fixed Dust Cover flap lid	FSK	Female Body Sealing Kit	Uxx	UNF Female thread SAE J1926-1, ISO 11926	C6XX	Counter Flange Plate 420 bar (6000 PSI), ISO 6162-2
M	Male Tip with Valve	MSK	Male Tip Sealing Kit	MxxM	Metric Male thread ISO 6149	F6xxM/U/H	
MW	Male Tip without Valve	FP	Fixed part	Mxx	Metric Female thread ISO 6149		Flange 420 bar (6000 PSI), with metric thread / UNC tread / Through hole
MD	Male Tip with Dust Cap / Plug	MP	Mobile part	xxL	Metric Male thread with 24° cone Light Series ISO 8434-1		
DF	Dust Cap/ Plug for Female Body	LV	Lock Valve	LB	Metric Male thread with 24° cone Light Series, ISO 8434-1, Bulkhead	C6xxM/U/H	
DM	Dust Cap/ Plug for Male Tip	SP	Spare parts	xxS	Metric Male thread with 24° cone Heavy Series ISO 8434-1		Counter Flange 420 bar (6000 PSI), with metric thread / UNC tread / Through hole
SF	Slip-on flip lid	FW	Female Body without Valve	SB	Metric Male thread with 24° cone Heavy Series, ISO 8434-1, Bulkhead		
FDS	Female Body with Parking Station						

⑥ Sealing Material	
B	NBR (Buna-N®)
PT	PTFE (Teflon)
V	FKM (Viton®)
E	EPDM (Ethylen-Propylen Dien-Kautschuk)
PU	Polyurethan
BT	NBR (Buna-N®) + PTFE (Teflon)
VT	FKM (Viton®) + PTFE (Teflon)
BP	NBR (Buna-N®) + PU (Polyurethan)
BV	NBR (Buna-N®) + FKM (Viton®)
VP	FKM (Viton®) + PU (Polyurethan)
S1	NBR (Buna-N®) + PU (Polyurethan) + PTFE (Teflon)
S2	NBR (Buna-N®) + PU (Polyurethan) + PTFE (Teflon) + FKM (Viton®)
HB	High temperature NBR
HV	High temperature NBR + FKM (Viton®)
S3	High temperature NBR + FKM (Viton®) + PTFE (Teflon)
S4	NBR (Buna-N®) + FKM (Viton®) + PTFE (Teflon)
S5	NBR (Buna-N®) + PU (Polyurethan) + POM (Polymethylmethylen)

⑦ Surface / Material	
W3	Steel, zinc-nickel plated
W4	Stainless Steel V2A
W5	Stainless Steel V4A
W48	Steel, zinc plated (with Chrome VI, A3C)
W66	Steel chromium VI-free zinc plated plus thick-layer-passivation (contents CrIII)
W69	Brass
W89	Aluminium exfoliated
W126	Aluminium exfoliated and Stainless Steel V2A
W138	Steel, zinc-nickel plated and zinc (with Chrome VI) plated
W139	Brass and Plastic
W162	Brass and Steel chromium VI-free zinc plated plus thick-layer-passivation (contents CrIII)
K	Plastic



Niehues

Hydraulik • Antriebstechnik



Archivierung: 06/2026



STAUFF Push-to-Connect Couplings

Product Description

Push/Pull Push-to-Connect Couplings with poppet Valve of the HP Series from STAUFF consist of a male tip and a female body which are used for quick and easy connection (push) and disconnection of tubes, pipes and hoses by hand, i.e. without tools.

The Series was developed according to ISO ISO 7241-1 A and ISO 5675 (for selected sizes) in the following nominal sizes 06, 10, 12, 19, (1/4" - 1") and can be connected under pressure with male tips of the HU series. The HU series from STAUFF consists of a male tip designed according to ISO 7241-1 A and is compatible with female bodys of this type.

Features

- poppet valve
- Zinc-Plating and Thick-Film-Passivation (Chrome III) and Zinc-Nickel for selected sizes
- Connection Under pressure allowed with STAUFF Female Bodys of the QRC-HP Series with Male Tips of the QRC-HU Series
- A reliable ball locking system keeps the two halves together
- can be installed as a breakaway coupling
- ISO Interchange acc. to ISO 7241-1 A and ISO 5675 (for selected sizes)

Series HP • Carbon Steel

The sleeve of the female body can be installed in a bulkhead with retaining rings. In this way, the female body fulfils the function of a breakaway coupling. Should a male tip be torn away from a female body installed in this way, the system is decoupled and the valves close automatically, thus preventing damage to the hose and possible loss of oil.

The proven design is suitable for use in agricultural and forestry machinery and hydraulic attachments.

HP/HU

Applications



Agricultural and
Forestry Machinery

Top Features



Suitable for
panel mounting



Designed for secure
connection



STAUFF Push-to-Connect Couplings

Series HP • Carbon Steel

Material	Carbon Steel
Surface Finishing	Zinc-Nickel ¹ , Zinc-Plating and Thick-Film-Passivation (Chrome III)
Standard Seal Material(s)	NBR (Buna-N®), PTFE ²
Working Temperature	-25° C ... +100° C / -13° F ... +212° F
Valve Design	Poppet Valve
Connection	Push (When mounting the Sleeve in Bulkhead), Push and actuate Push-Pull Sleeve
Disconnection	Pull (When mounting the Sleeve in Bulkhead), Actuate Push-Pull Sleeve
Connect Under Pressure	not allowed, (Male Tip Series HU up to the max. Working Pressure allowed)
Application	Agricultural and Forestry Machinery
ISO Interchange	ISO 7241-1 A and ISO 5675 (for selected sizes).

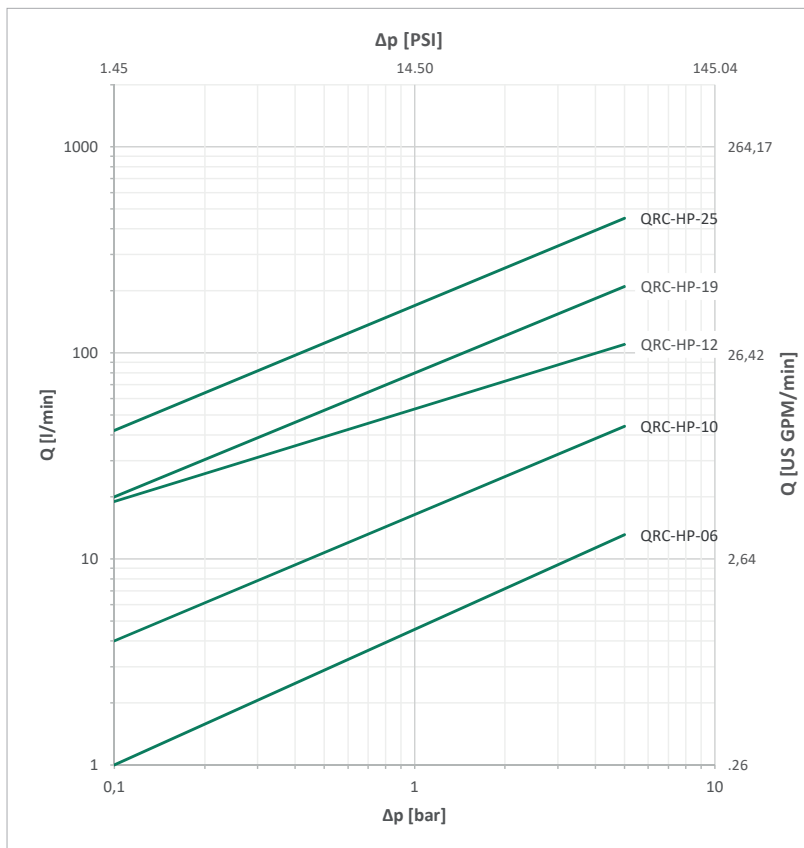

HP/HU
¹ Only Nominal Size 12,5

² Alternative seal materials are available on request.

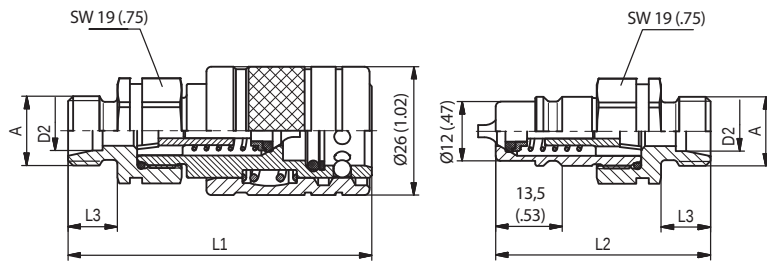
Technical Data

Series	BG	DN Zoll Inch	DN metric ISO 4397	Q _{max} l/min	US GPM	Working Pressure		Bursting Pressure Connected		Female Body		Male Tip		Spillage	
						bar	PSI	bar	PSI	bar	PSI	bar	PSI	ml	fl oz
HPA-06	1	1/4"	6,3	20	5,28	250	3626	1000	14504	1000	14504	1000	14504	0,8	.0271
HP(A)-10	2	3/8"	10	35	9,25	250	3626	1000	14504	1000	14504	1000	14504	1,2	.0406
HP-12	3	1/2"	12,5	100	26,42	250	3626	1000	14504	1000	14504	1000	14504	1,7	.0575
HP-19	4	3/4"	19 (20)	120	31,70	250	3626	900	13053	1000	14504	1000	14504	8	.2705
HP-25	6	1"	25	160	42,27	250	3626	800	11603	1000	14504	800	11603	12	.4058
HU-12	3	1/2"	12	90	23,78	250	3626	1100	15954	1500	21756	1000	14504	2,7	.0913

The indicated pressure ratings only apply to the coupling itself and depend on the connection type.

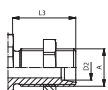
Flow Characteristics


Please note: Unless otherwise stated, all flow characteristics have been determined with hydraulic oil with a kinematic viscosity of 28,8 - 35,2 mm²/s (28,8 - 35,2 cSt) and are only valid for components with non-reducing connections.



SW: Width across flats. All dimensions in mm (inch).

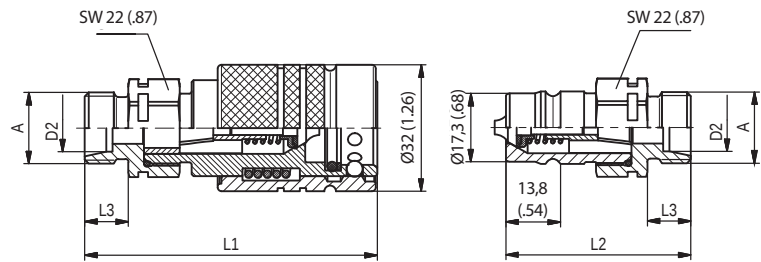
Series HPA-06 • BG 1 • Nominal Size 6,3
HP/HU

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4				
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3										
	G1/4"		64 2.52	44 1.73		13 .51	QRC-HPA-06-F-G04-BT-W66	14,60 32.19	QRC-HPA-06-M-G04-B-W66	5,20 11.46
	NPTF 1/4" -18		64 2.52	44 1.73			QRC-HPA-06-F-NF04-BT-W66	15 33.07	QRC-HPA-06-M-NF04-B-W66	5,20 11.46
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M14x1,5	8L	62 2.44	42 1.65	10 .39		QRC-HPA-06-F-08L-BT-W66	13,40 29.54	QRC-HPA-06-M-08L-B-W66	4 8.82
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M14x1,5	8L	77 3.01	59 2.30	25 .98		QRC-HPA-06-F-08LB-BT-W66	15,40 33.95	QRC-HPA-06-M-08LB-B-W66	6,20 13.67

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



STAUFF Push-to-Connect Couplings



SW: Width across flats. All dimensions in mm (inch).

Dimensions acc. to ISO 7241-1, Series A, Size 10.

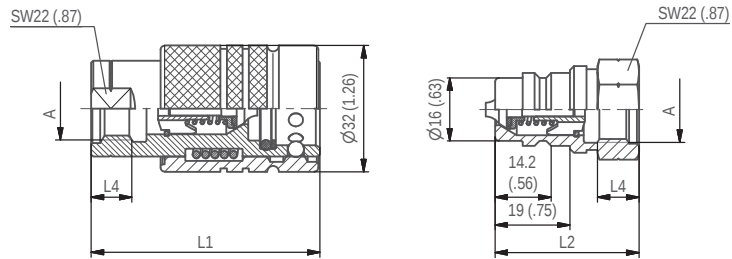
HP/HU

Series HP-10 • BG 2 • Nominal Size 10

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
	ØD2	L1	L2	L3	L4					
Male Thread according to ISO 1179-4-B										
	G3/8"		77 3.03	51 2.01	12 .47		QRC-HP-10-F-B06-BT-W66	2,20 4.85	QRC-HP-10-M-B06-B-W66	7,80 17.2
Female Thread according to DIN 3852-2-A - ISO 9974-1 - ANSI B 1.20.3										
	G1/4"		76 2.99	49 1.93		13 .51	QRC-HP-10-F-G04-BT-W66	19,50 42.99	QRC-HP-10-M-G04-B-W66	88 193.60
	G3/8"		76 2.99	49 1.93		13 .51	QRC-HP-10-F-G06-BT-W66	18,80 41.45	QRC-HP-10-M-G06-B-W66	80 176.00
	M16x1,5		76 2.99	49 1.93		13 .51	QRC-HP-10-F-M16-BT-W66	18,80 41.45	QRC-HP-10-M-M16-B-W66	81 178.20
	NPTF 3/8"-18		76 2.99	49 1.93			QRC-HP-10-F-NF06-BT-W66	18,80 41.45	QRC-HP-10-M-NF06-B-W66	81 178.20
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M14x1,5	8L	73 2.87	46 1.81	10 .39		QRC-HP-10-F-08L-BT-W66	21 46.30	QRC-HP-10-M-08L-B-W66	4,20 9.26
	M16x1,5	10L	74 2.91	47 1.85	11 .43		QRC-HP-10-F-10L-BT-W66	21 46.30	QRC-HP-10-M-10L-B-W66	6,50 14.33
	M18x1,5	12L	74 2.91	47 1.84	11 .43		QRC-HP-10-F-12L-BT-W66	21,50 47.40	QRC-HP-10-M-12L-B-W66	7,30 16.09
	M16x1,5	8S	75 2.95	48 1.89	12 .47		QRC-HP-10-F-08S-BT-W66	21,20 46.74	QRC-HP-10-M-08S-B-W66	7,10 15.65
	M18x1,5	10S	75 2.95	48 1.89	12 .47		QRC-HP-10-F-10S-BT-W66	21,60 47.62	QRC-HP-10-M-10S-B-W66	7,20 15.87
	M20x1,5	12S	75 2.95	48 1.89	12 .47		QRC-HP-10-F-12S-BT-W66	21,60 47.62	QRC-HP-10-M-12S-B-W66	7,40 16.31
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M14x1,5	8L	88 3.46	61 2.39	25 .98		QRC-HP-10-F-08LB-BT-W66	22,80 50.27	QRC-HP-10-M-08LB-B-W66	8,40 18.51
	M16x1,5	10L	89 3.50	62 2.43	26 1.02		QRC-HP-10-F-10LB-BT-W66	23,40 51.59	QRC-HP-10-M-10LB-B-W66	9 19.84
	M18x1,5	12L	89 3.50	62 2.43	26 1.02		QRC-HP-10-F-12LB-BT-W66	23,50 51.81	QRC-HP-10-M-12LB-B-W66	9,40 20.72
	M16x1,5	08S	90 3.54	63 2.47	27 1.06		QRC-HP-10-F-08SB-BT-W66 *	23 50.71	QRC-HP-10-M-08SB-B-W66 *	10 22.05
	M20x1,5	12S	90 3.54	63 2.47	27 1.06		QRC-HP-10-F-12SB-BT-W66 *	22 48.50	QRC-HP-10-M-12SB-B-W66 *	7,40 16.31

* Available on request.

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

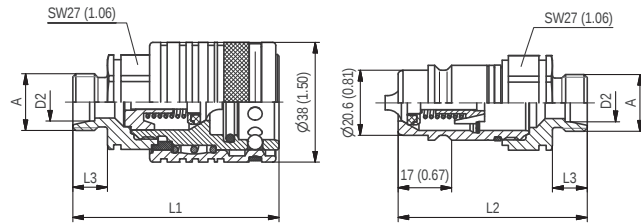


SW: Width across flats. All dimensions in mm (inch).

Series HPA-10 • BG 2 • Nominal Size 10
HP/HU

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4				
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3										
	G3/8"		58 2.28	37 1.46		14 .55	QRC-HPA-10-F-G06-BT-W66	18,80 41.45	QRC-HPA-10-M-G06-B-W66	5,10 11.24
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M16x1,5	10L	58 2.28	37 1.44	14 .55		QRC-HPA-10-F-10L-BT-W66	22,60 49.82	QRC-HPA-10-M-10L-B-W66	8,80 19.40

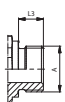
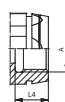
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

STAUFF Push-to-Connect Couplings


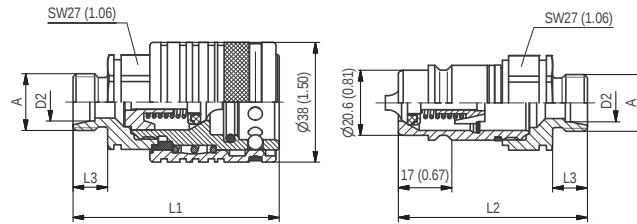
SW: Width across flats. All dimensions in mm (inch).

Dimensions acc. to ISO 7241-1, Series A, Size 12,5 and ISO 5675.

HP/HU
Series HP-12 • BG 3 • Nominal Size 12,5

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	
		ØD2	L1	L2	L3	L4					
Male Thread according to ISO 1179-4-B - ISO 9974-3											
	G 3/8"		71 2.80	61 2.40	12 .47		QRC-HP-12-F-B06-B-W3	29 63.93	QRC-HP-12-M-B06-B-W3	11,90 26.24	
	G 1/2"		71 2.80	61 2.40	12 .47		QRC-HP-12-F-B08-B-W3	29,60 65.26	QRC-HP-12-M-B08-B-W3	12,30 27.12	
	M22x1,5		71 2.80	61 2.40	12 .47		QRC-HP-12-F-M22M-B-W3	30 66.14	QRC-HP-12-M-M22M-B-W3	12,90 28.44	
	Female Thread according to DIN 3852-2-A - ISO 6149-1 - ISO 9974-1 - ANSI B 1.20.3 - SAE J1926-1 - ISO 11926-1										
		G3/8"		68 2.68	60 2.36		15 .59	QRC-HP-12-F-G06-B-W3	33,10 72.97	QRC-HP-12-M-G06-B-W3	15,30 33.73
		G 1/2"		67,8 2.67	62,3 2.45		17 .67	QRC-HP-12-F-G08-B-W3	28 61.73	QRC-HP-12-M-G08-B-W3	9,20 20.28
M16x1,5			67 2.65	62 2.43		15 .59	QRC-HP-12-F-M16OR-B-W3	31,80 70.11	QRC-HP-12-M-M16OR-B-W3	16 35.27	
M18x1,5			68 2.68	60 2.36		15 .59	QRC-HP-12-F-M18OR-B-W3	31,80 70.11	QRC-HP-12-M-M18OR-B-W3	14,70 32.41	
M22x1,5			68,8 2.71	63,3 2.49		17 .67	QRC-HP-12-F-M22-B-W3	28,40 62.61	QRC-HP-12-M-M22OR-B-W3	8,80 19.40	
NPTF 1/2"-14			67,8 2.67	62,3 2.45			QRC-HP-12-F-NF08-B-W3	29,40 64.82	QRC-HP-12-M-NF08-B-W3	9,40 20.27	
UNF 3/4"-16			70,3 2.77	63,3 2.49		14 .55	QRC-HP-12-F-U08-B-W3	27,80 61.29	QRC-HP-12-M-U08-B-W3	8,80 19.40	

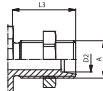
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



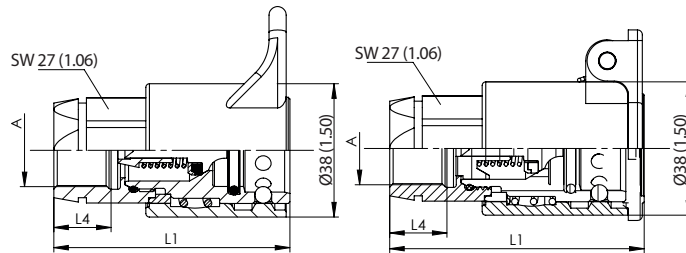
SW: Width across flats. All dimensions in mm (inch).

Dimensions acc. to ISO 7241-1, Series A, Size 12,5 and ISO 5675.

Series HP-12 • BG 3 • Nominal Size 12,5
HP/HU

	Port A	Dimensions (^{mm} / _{in})					Female Body	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4	Ordering Codes		Ordering Codes	
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M14x1,5	8L	64 2.53	58 2.30	10 .39		QRC-HP-12-F-08L-B-W3	26,20 57.76	QRC-HP-12-M-08L-B-W3	10,70 23.59
	M16x1,5	10L	65 2.57	60 2.35	11 .43		QRC-HP-12-F-10L-B-W3	25,70 56.66	QRC-HP-12-M-10L-B-W3	10,90 24.03
	M18x1,5	12L	65 2.57	60 2.35	11 .43		QRC-HP-12-F-12L-B-W3	25,70 56.66	QRC-HP-12-M-12L-B-W3	10,90 24.03
	M22x1,5	15L	66 2.61	61 2.39	12 .47		QRC-HP-12-F-15L-B-W3	26,50 58.42	QRC-HP-12-M-15L-B-W3	11,70 25.79
	M26x1,5	18L	66 2.61	61 2.39	12 .47		QRC-HP-12-F-18L-B-W3	27,30 60.19	QRC-HP-12-M-18L-B-W3	11,90 26.24
	M18x1,5	10S	66 2.61	61 2.39	12 .47		QRC-HP-12-F-10S-B-W3	26,50 58.42	QRC-HP-12-M-10S-B-W3	11,50 25.35
	M20x1,5	12S	66 2.61	61 2.39	12 .47		QRC-HP-12-F-12S-B-W3	26,70 58.86	QRC-HP-12-M-12S-B-W3	11,70 25.79
	M22x1,5	14S	68 2.69	63 2.47	14 .55		QRC-HP-12-F-14S-B-W3	27,30 60.19	QRC-HP-12-M-14S-B-W3	12,30 27.12
	M24x1,5	16S	68 2.69	63 2.47	14 .55		QRC-HP-12-F-16S-B-W3	27,50 60.63	QRC-HP-12-M-16S-B-W3	12,50 27.56
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M14x1,5	08L	80 3.16	75 2.94	26 1.02		QRC-HP-12-F-08LB-B-W3	28,20 62.17	QRC-HP-12-M-08LB-B-W3	12,90 28.44
	M16x1,5	10L	80 3.16	75 2.94	26 1.02		QRC-HP-12-F-10LB-B-W3	28,80 63.49	QRC-HP-12-M-10LB-B-W3	13,50 29.76
	M18x1,5	12L	84 3.31	79 3.10	30 1.18		QRC-HP-12-F-12LB-B-W3	29,10 64.15	QRC-HP-12-M-12LB-B-W3	14,30 31.53
	M22x1,5	15L	81 3.19	76 2.98	27 1.06		QRC-HP-12-F-15LB-B-W3	30,70 67.68	QRC-HP-12-M-15LB-B-W3	15,90 35.05
	M26x1,5	18L	81 3.20	76 2.98	27 1.06		QRC-HP-12-F-18LB-B-W3	34,10 75.18	QRC-HP-12-M-18LB-B-W3	19,30 42.55
	M18x1,5	10S	80 3.16	75 2.94	26 1.02		QRC-HP-12-F-10SB-B-W3	29,70 65.48	QRC-HP-12-M-10SB-B-W3	14,70 32.41
	M20x1,5	12S	81 3.20	76 2.98	27 1.06		QRC-HP-12-F-12SB-B-W3	30,50 67.24	QRC-HP-12-M-12SB-B-W3	15,50 34.17
	M22x1,5	14S	83 3.28	78 3.06	29 1.14		QRC-HP-12-F-14SB-B-W3	31,90 70.33	QRC-HP-12-M-14SB-B-W3	17,10 37.70
	M24x1,5	16S	83 3.28	78 3.06	29 1.14		QRC-HP-12-F-16SB-B-W3	33,30 73.41	QRC-HP-12-M-16SB-B-W3	18,30 40.34

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

STAUFF Push-to-Connect Couplings


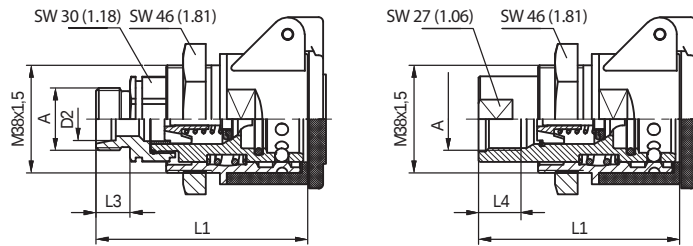
SW: Width across flats. All dimensions in mm (inch).

HP/HU
Series ZP-12 • BG 3 • Nominal Size 12,5

Dimensions acc. to ISO 7241-1, Series A, Size 12,5 and ISO 5675.

	Port A	Dimensions (mm/in)					Female Body	Weight (^{kg} /lbs) ca. per 100	Male Tip	Weight (^{kg} /lbs) ca. per 100
		ØD2	L1	L2	L3	L4	Ordering Codes		Ordering Codes	
Male Thread according to DIN 3852										
	G 1/2"		74 2.92		12 .47		QRC-ZP-12-F-B08-B-W3	31,40 69.23		
Female Thread according to DIN 3852-2 - ISO 9974-1										
	G1/2"		67,8 2.27			17 .67	QRC-ZP-12-F-G08-B-W3	31,40 69.23		
	M22x1,5		68,8 2.71	75 2.95		17 .67	QRC-ZP-12-F-M22-B-W3	31 68.34	QRC-ZP-12-FF-M22/L-B-W3-SW	30,50 67.24
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M18x1,5	12L	70 2.76		11 .43		QRC-ZP-12-F-12L-B-W3	30,10 66.36		
	M22x1,5	15L	71 2.80		12 .47		QRC-ZP-12-F-15L-B-W3	30,90 68.12		
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M18x1,5	12L	89 3.51	93 3.67	30 1.18		QRC-ZP-12-F-12LB-B-W3	33,50 73.85	QRC-ZP-12-FF-12LB/S-B-W3-SW	36,20 79.81
	M22x1,5	15L	86 3.39	90 3.55	27 1.06		QRC-ZP-12-F-15LB-B-W3	35,10 77.38	QRC-ZP-12-FF-15LB/S-B-W3-SW	38,90 85.76
	M20x1,5	12S		90 3.55	27 1.06				QRC-ZP-12-FF-12SB/L-B-W3-SW	39,30 86.64
	M24x1,5	16S		88,6 3.49	29 1.14				QRC-ZP-12-FF-16SB/L-B-W3-SW	41,50 91.49

Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

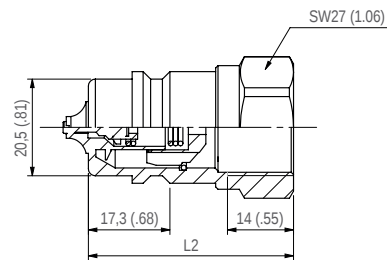

STAUFF Push-to-Connect Couplings


SW: Width across flats. All dimensions in mm (inch).

Dimensions acc. to ISO 7241-1, Series A, Size 12,5 and ISO 5675.

Series AP-12 • BG 3 • Nominal Size 12,5
HP/HU

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4		
Innengewinde entsprechend ISO 9974-1								
	M22x1,5		75 2.95			15 .59	QRC-AP-12-FF-M22M30-B-W3-RD/BK	38,10 84
Male Thread with 24° Conical Bore - Shape W according to DIN 3861								
	M22x1,5	15L	72 2.84		12 .47		QRC-AP-12-FF-15L-B-W3-RD/BK	39 85.98



SW: Width across flats. All dimensions in mm (inch).

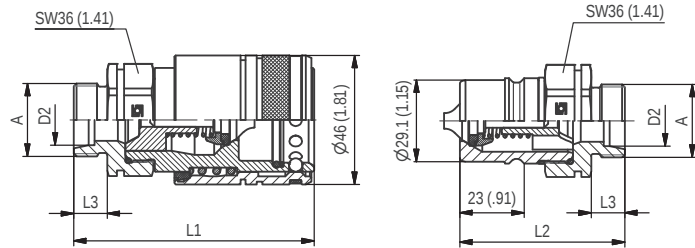
Male Tip Connect Under Pressure - use our HP-12 Female side.

Dimensions acc. to ISO 7241-1, Series A

Series HU-12 • BG 3 • Nominal Size 12,5 • Connect Under Pressure

	Port A	Dimensions (mm/in)					Male Tip Ordering Codes	Weight (kg/lbs) ca. per 100
		ØD2	L1	L2	L3	L4		
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3								
	G3/8"			43,5		12	QRC-HU-12-M-G06-B-W3	16,60
				1.71		.47		36.60
	NPTF 3/8" -18			43,5			QRC-HU-12-M-NF06-B-W3	19,20
				1.71				42.33
	G1/2"			43,5		14	QRC-HU-12-M-G08-B-W3	16,20
				1.71		.55		35.71
	NPTF 1/2" -14			43,5			QRC-HU-12-M-NF08-B-W3	17,60
				1.71				38.80

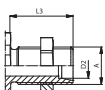
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

STAUFF Push-to-Connect Couplings


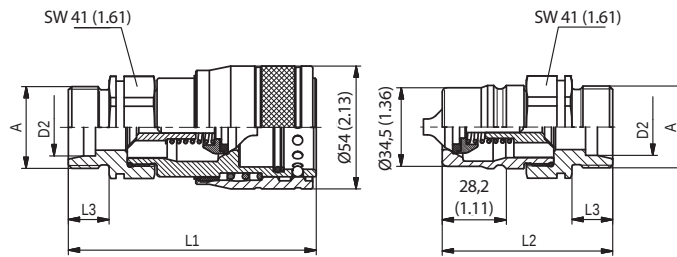
SW: Width across flats. All dimensions in mm (inch).

HP/HU
Series HP-19 • BG 4 • Nominal Size 19

Dimensions acc. to ISO 7241-1, Series A, Size 19 and ISO 5675.

	Port A	Dimensions (^{mm} / _{in})					Female Body Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100	Male Tip Ordering Codes	Weight (^{kg} / _{lbs}) ca. per 100
		ØD2	L1	L2	L3	L4				
Female Thread according to DIN 3852-2 - ISO 9974-1										
	G3/4"		92	65		19	QRC-HP-19-F-G12-BT-W66	60,50	QRC-HP-19-M-G12-B-W66	31,50
			3.62	2.56		.75		133.38		69.45
	M22x1,5		92	65		19	QRC-HP-19-F-M22-BT-W66	62,80	QRC-HP-19-M-M22-B-W66	31,30
			3.62	2.56		.75		138.45		69
	NPTF 3/4"-14		92	65			QRC-HP-19-F-NF12-BT-W66	62,80	QRC-HP-19-M-NF12-B-W66	31,30
			3.62	2.56				138.45		69
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M18x1,5	12L	85	58	11		QRC-HP-19-F-12L-BT-W66	54,40	QRC-HP-19-M-12L-B-W66	22,70
			3.35	2.28	.43			119.93		50.04
	M22x1,5	15L	86	59	12		QRC-HP-19-F-15L-BT-W66	54,60	QRC-HP-19-M-15L-B-W66	23,20
			3.39	2.32	.47			120.37		51.15
	M26x1,5	18L	86	59	12		QRC-HP-19-F-18L-BT-W66	55,50	QRC-HP-19-M-18L-B-W66	23,80
			3.39	2.32	.47			122.36		52.47
	M30x2	22L	88	61	14		QRC-HP-19-F-22L-BT-W66	56,90	QRC-HP-19-M-22L-B-W66	24,80
			3.46	2.40	.55			125.44		54.67
	M24x1,5	16S	88	61	14		QRC-HP-19-F-16S-BT-W66	56	QRC-HP-19-M-16S-B-W66	24,20
			3.46	2.40	.55			123.46		53.35
	M30x2	20S	90	63	16		QRC-HP-19-F-20S-BT-W66	57,20	QRC-HP-19-M-20S-B-W66	25,20
			3.54	2.48	.63			126.10		55.56
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M18x1,5	12L	100	73	26		QRC-HP-19-F-12LB-BT-W66	57,40	QRC-HP-19-M-12LB-B-W66	27,60
			3.94	2.87	1.02			126.55		60.85
	M22x1,5	15L	101	74	27		QRC-HP-19-F-15LB-BT-W66	59	QRC-HP-19-M-15LB-B-W66	27,40
			3.98	2.91	1.06			130.07		60.41
	M26x1,5	18L	101	74	27		QRC-HP-19-F-18LB-BT-W66	62,70	QRC-HP-19-M-18LB-B-W66	31
			3.98	2.91	1.06			138.23		68.34
	M30x2	22L	110	83	36		QRC-HP-19-F-22LB-BT-W66	67,50	QRC-HP-19-M-22LB-B-W66	35,50
			4.33	3.27	1.42			148.81		78.26
	M24x1,5	16S	103	76	29		QRC-HP-19-F-16SB-BT-W66	61,40	QRC-HP-19-M-16SB-B-W66	29,80
			4.06	2.99	1.14			135.36		65.70
	M30x2	20S	110	83	36		QRC-HP-19-F-20SB-BT-W66	68,50	QRC-HP-19-M-20SB-B-W66	36,20
			4.33	3.27	1.42			151.02		79.81

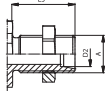
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.



SW: Width across flats. All dimensions in mm (inch).

Dimensions acc. to ISO 7241-1, Series A, Size 25.

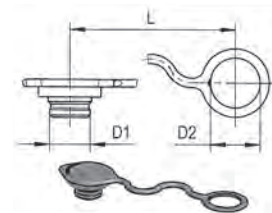
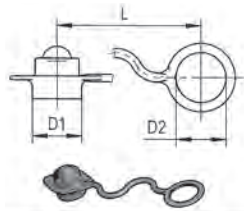
Series HP-25 • BG 6 • Nominal Size 25
HP/HU

	Port A	Dimensions (mm/in)					Female Body	Weight (^{kg} /lbs) ca. per 100	Male Tip	Weight (^{kg} /lbs) ca. per 100
		ØD2	L1	L2	L3	L4	Ordering Codes		Ordering Codes	
Female Thread according to DIN 3852-2-A - ANSI B 1.20.3										
	G3/4"		104 4.09	72 2.83		19 .75	QRC-HP-25-F-G12-BT-W66	87,60 193.12	QRC-HP-25-M-G12-B-W66	40,90 90.17
	G1"		104 4.09	72 2.83		19 .75	QRC-HP-25-F-G16-BT-W66	83,40 183.87	QRC-HP-25-M-G16-B-W66	36,30 80.03
	NPTF 1"-11 1/2		104 4.09	72 2.83			QRC-HP-25-F-NF16-BT-W66	83,40 183.87	QRC-HP-25-M-NF16-B-W66	36,30 80.03
Male Thread with 24° Conical Bore - Shape W according to DIN 3861										
	M22x1,5	15L	103 4.06	69 2.72	12 .47		QRC-HP-25-F-15L-BT-W66	79,70 175.71	QRC-HP-25-M-15L-B-W66 *	34,60 76.28
	M26x1,5	18L	103 4.06	69 2.72	12 .47		QRC-HP-25-F-18L-BT-W66	81,30 179.24	QRC-HP-25-M-18L-B-W66	34,80 76.72
	M30x2	22L	105 4.13	71 2.80	14 .55		QRC-HP-25-F-22L-BT-W66	81,70 180.12	QRC-HP-25-M-22L-B-W66	35,50 78.26
	M36x2	28L	105 4.13	71 2.80	14 .55		QRC-HP-25-F-28L-BT-W66	81,90 180.56	QRC-HP-25-M-28L-B-W66	36 79.37
	M45x2	35L	107 4.21	73 2.87	16 .63		QRC-HP-25-F-35L-BT-W66 *	89,60 197.53	QRC-HP-25-M-35L-B-W66 *	44,50 98.11
	M30x2	20S	107 4.21	73 2.87	16 .63		QRC-HP-25-F-20S-BT-W66	82,80 182.54	QRC-HP-25-M-20S-B-W66	36,10 79.59
	M36x2	25S	109 4.29	75 2.95	18 .71		QRC-HP-25-F-25S-BT-W66	85 187.39	QRC-HP-25-M-25S-B-W66	38 83.78
	M42x2	30S	111 4.37	77 3.03	20 .79		QRC-HP-25-F-30S-BT-W66	82 180.78	QRC-HP-25-M-30S-B-W66	44 97
Male Thread with 24° Conical Bore - Bulkhead - Shape W according to DIN 3861										
	M22x1,5	15L	118 4.65	84 3.31	27 1.06		QRC-HP-25-F-15LB-BT-W66	82,90 182.76	QRC-HP-25-M-15LB-B-W66 *	37,80 83.33
	M26x1,5	18L	123 4.84	89 3.50	32 1.26		QRC-HP-25-F-18LB-BT-W66	85 187.39	QRC-HP-25-M-18LB-B-W66	42,80 94.36
	M30x2	22L	125 4.92	91 3.58	34 1.34		QRC-HP-25-F-22LB-BT-W66	90,90 200.40	QRC-HP-25-M-22LB-B-W66	44 97
	M36x2	28L	125 4.92	91 3.58	34 1.34		QRC-HP-25-F-28LB-BT-W66	85,40 188.27	QRC-HP-25-M-28LB-B-W66	48,10 106.04
	M30x2	20S	129 5.08	95 3.74	38 1.50		QRC-HP-25-F-20SB-BT-W66	83,50 184.09	QRC-HP-25-M-20SB-B-W66	47,40 104.50
	M36x2	25S	129 5.08	95 3.74	38 1.50		QRC-HP-25-F-25SB-BT-W66	89 196.21	QRC-HP-25-M-25SB-B-W66	52,40 115.52
	M42x2	30S	131 5.16	97 3.82	40 1.57		QRC-HP-25-F-30SB-BT-W66	111,90 246.70	QRC-HP-25-M-30SB-B-W66	63,40 139.77

* Available on request.

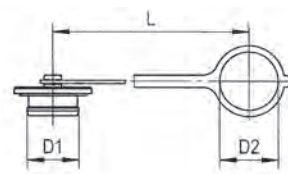
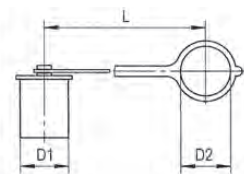
Note: The connection of the two halves of a coupling is achieved depending on the type. It is important to observe the positive engagement of push-type couplings and the secure tightening of screw-type couplings to the limit stop of the thread. Forced or improper separation will result in malfunction of the coupling.

STAUFF Push-to-Connect Couplings

Series HP • Dust Protection

HP/HU

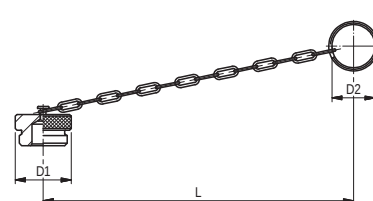
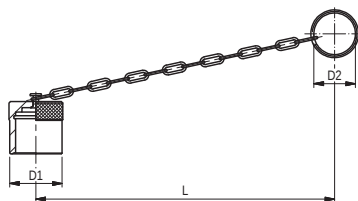
Dimensions (^{mm} / _{in})			Material	Dust Cap for Male Tip
D1	D2	L		
28	27	134	Plastic (Colour: Red)	QRC-HP-12-DM-27-K/1-RD
1.10	1.06	5.28		

Dimensions (^{mm} / _{in})			Material	Dust Plug for Female Body
D1	D2	L		
22	27	135	Plastic (Colour: Red)	QRC-HP-12-DF-27-K/1-RD
.87	1.06	5.31		



Dimensions (^{mm} / _{in})			Material	Dust Cap for Male Tip
D1	D2	L		
22	22	125	Plastic (Colour: Red)	QRC-HP-10-DM-22-K-RD
.87	.87	4.92		
33	37	190	Plastic (Colour: Red)	QRC-HP-19-DM-37-K-RD
1.30	1.46	7.48		
36	41	190	Plastic (Colour: Red)	QRC-HP-25-DM-41-K-RD
1.42	1.61	7.48		

Dimensions (^{mm} / _{in})			Material	Dust Plug for Female Body
D1	D2	L		
18	22	125	Plastic (Colour: Red)	QRC-HP-10-DF-22-K-RD
.71	.87	4.92		
30	37	190	Plastic (Colour: Red)	QRC-HP-19-DF-37-K-RD
1.18	1.46	7.48		
36	41	190	Plastic (Colour: Red)	QRC-HP-25-DF-41-K-RD
1.42	1.61	7.48		

Series HU • Dust Protection


Dimensions (^{mm} / _{in})			Material	Dust Cap for Male Tip
D1	D2	L		
38	32	205	Aluminium with chain	QRC-IA-12-DM-32/CN-W89-SI
1.50	1.26	8.07		

Dimensions (^{mm} / _{in})			Material	Dust Plug for Female Body
D1	D2	L		
38	32	205	Aluminium with chain	QRC-IA-12-DF-32/CN-W89-SI
1.50	1.26	8.07		

In addition to the standard colours as stated above,
plastic dust caps are also available in blue, green, yellow and black.
Please use the color codes BU, GN, YE and BK respectively instead of RD.



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