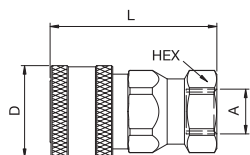
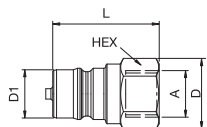


**Couplings****6600-Series**

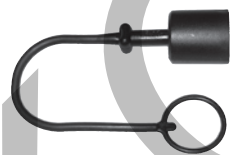
Female BSPP Thread

Body Size	Connection A	Hex mm	L mm	D mm	D1 mm	Weight gr.	Max. Operating Pressure	Part Number
1/4"	1/4"	22	49	27		123	350 bar	6603-4-4
3/8"	3/8"	27	56	31,8		180	280 bar	6603-6-6
1/2"	1/2"	32	71	38,1		309	280 bar	6603-8-10
3/4"	3/4"	41	85,5	47,6		624	280 bar	6603-12-12
1"	1"	48	104	54		842	280 bar	6603-16-16







**Plugs****6600-Series**

Female BSPP Thread

Body Size	Connection A	Hex mm	L mm	D mm	D1 mm	Weight gr.	Max. Operating Pressure	Part Number
1/4"	1/4"	19	34,5	22	11,8	39	350 bar	6605-4-4
3/8"	3/8"	22	38,1	25,5	17,2	55	280 bar	6605-6-6
1/2"	1/2"	27	49,3	31	20,5	97	280 bar	6605-8-10
3/4"	3/4"	35	57,9	40,3	29	217	280 bar	6605-12-12
1"	1"	41	70,5	47,5	34,3	330	280 bar	6605-16-16

**Dust Protection****6600-Series**

Body Size	Version	Color	Part Number
1/4"	for coupling	Red	6659-4PL
3/8"	for coupling	Red	6659-6PL
1/2"	for coupling	Red	6659-8PL
3/4"	for coupling	Red	6659-12PL
1"	for coupling	Red	6659-16PL
1/4"	for plug	Red	6657-4PL
3/8"	for plug	Red	6657-6PL
1/2"	for plug	Red	6657-8PL
3/4"	for plug	Red	6657-12PL
1"	for plug	Red	6657-16PL

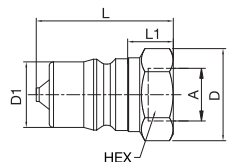
	Body Size	Version	Material	Color	Part Number
	3/8"	for coupling	Plastic	red	5025-3PR
	1/2"	for coupling	Plastic	see color code	5025-4P <sup>1</sup>
	3/8"	for plug	Plastic	red	5029-3PR
	1/2"	for plug	Plastic	see color code	5029-4P <sup>1</sup>
	1/2"	for coupling	Rubber	black	5205-4M
	1/2"	for plug	Rubber	black	5209-4M
	1/2"	for coupling	Steel		5005-4
	1/2"	for plug	Steel		5009-4

<sup>1</sup> Color code: B = blue/ G = green/ R = red/ O = orange/ Y = yellow/ BL = black

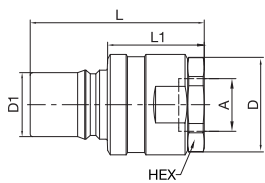
# Plugs

# 60-Series Stainless Steel

Body Size	Connection A	Thread	Hex	L mm	L1 mm	D mm	D1 mm	Version	Weight gr.	Part Number
3/8"	3/8"	BSPP	7/8"	49,3	19,7	25,7	19,1	AISI 303	69	SH3-63-BSPP
3/8"	3/8"	BSPP	7/8"	49,3	19,7	25,7	19,1	AISI 316	60	SSH3-63Y-BSPP*
3/8"	3/8" - 18	NPTF	7/8"	42,7	13,1	25,6	19,1	AISI 303	58	SH3-63
3/8"	3/8" - 18	NPTF	7/8"	42,7	13,1	25,6	19,1	AISI 316	55	SSH3-63Y*
1/2"	1/2"	BSPP	1 1/8"	54,1	21,1	32,9	23,5	AISI 303	122	SH4-63-BSPP
1/2"	1/2"	BSPP	1 1/8"	54,1	21,1	32,9	23,5	AISI 316	123	SSH4-63Y-BSPP*
1/2"	1/2" - 14	NPTF	1 1/8"	49,3	17,5	33,0	23,5	AISI 303	109	SH4-63
1/2"	1/2" - 14	NPTF	1 1/8"	49,3	17,5	33,0	23,5	AISI 316	109	SSH4-63Y*
3/4"	3/4"	BSPP	1 3/8"	64,5	21,9	40,3	31,4	AISI 303	217	SH6-63-BSPP
3/4"	3/4"	BSPP	1 3/8"	64,5	21,9	40,3	31,4	AISI 316	218	SSH6-63-BSPP*
3/4"	3/4" - 14	NPTF	1 3/8"	61,7	20,1	40,3	31,4	AISI 303	212	SH6-63
3/4"	3/4" - 14	NPTF	1 3/8"	61,7	20,1	40,3	31,4	AISI 316	210	SSH6-63Y*
1"	1"	BSPP	1 5/8"	73,8	25,2	47,2	37,7	AISI 303	345	SH8-63-BSPP
1"	1"	BSPP	1 5/8"	73,8	25,2	47,2	37,7	AISI 303	340	SH8-63Y-BSPP*
1"	1" - 11 1/2	NPTF	1 5/8"	73,9	33,4	47,8	37,7	AISI 303	356	SH8-63
1"	1" - 11 1/2	NPTF	1 5/8"	73,9	33,4	47,8	37,7	AISI 316	345	SSH8-63Y*
1 1/2"	1 1/2"	BSPP	2 1/2"	124,7	67,5	69,9	44,5	AISI 303	1315	SH12-63N-BSPP
1 1/2"	1 1/2" - 11 1/2	NPTF	2 3/8"	120,9	67,3	69,9	44,5	AISI 303	1315	SH12-63N



Female Thread



Female Thread

\* Suffix Y designates FKM seal.

# Dust Protection

# 60-Series

Body Size	Version	Material	Part Number
1/8"	for coupling	Aluminium	H1-65
1/8"	for coupling	Rubber	H1-65M
1/8"	for plug	Aluminium	H1-66
1/8"	for plug	Rubber	H1-66M
1/4"	for coupling	Aluminium	H2-65
1/4"	for coupling	Rubber	H2-65M
1/4"	for plug	Aluminium	H2-66
1/4"	for plug	Rubber	H2-66M
3/8"	for coupling	Aluminium	H3-65
3/8"	for coupling	Rubber	H3-65M
3/8"	for plug	Aluminium	H3-66
3/8"	for plug	Rubber	H3-66M

## Dust Protection

## 60-Series

Body Size	Version	Material	Part Number
1/2"	for coupling	Aluminium	H4-65
1/2"	for coupling	Rubber	H4-65M
1/2"	for plug	Aluminium	H4-66
1/2"	for plug	Rubber	H4-66M
3/4"	for coupling	Aluminium	H6-65
3/4"	for coupling	Rubber	H6-65M
3/4"	for plug	Aluminium	H6-66
3/4"	for plug	Rubber	H6-66M
1"	for coupling	Aluminium	H8-65
1"	for coupling	Rubber	H8-65M
1"	for plug	Aluminium	H8-66
1"	for plug	Rubber	H8-66M
1 1/2"	for coupling	Aluminium	H12-65
1 1/2"	for plug	Aluminium	H12-66

## Seal-Kit

## 60-Series

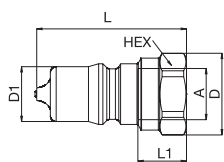
Body Size	Version	Material	Part Number
1/8"	Body Seal	NBR	020013N0674
1/8"	Body Seal	FKM	020013V0747
1/8"	Back-up Ring <sup>2</sup>	PTFE	H67A-28
1/4"	Body Seal	NBR	020015N0674
1/4"	Body Seal	FKM	020015V0747
1/4"	Back-up Ring <sup>2</sup>	PTFE	H67C-28
3/8"	Body Seal	NBR	020116N0674
3/8"	Body Seal	FKM	020116V0747
3/8"	Back-up Ring <sup>2</sup>	PTFE	4118007
1/2"	Body Seal	NBR	020213N0674
1/2"	Body Seal	FKM	020213V0747
1/2"	Back-up Ring <sup>2</sup>	PTFE	4128002
3/4"	Body Seal	NBR	020218N0674
3/4"	Body Seal	FKM	020218V0747
3/4"	Back-up Ring <sup>2</sup>	PTFE	4148001
1"	Body Seal	NBR	020222N0674
1"	Body Seal	FKM	020222V0747
1"	Back-up Ring <sup>2</sup>	PTFE	4158001
1 1/2"	Body Seal	NBR	020224N0674 <sup>1</sup>
2 1/2"	Body Seal	NBR	020333N0674

<sup>1</sup> Two body seals are necessary

<sup>2</sup> Brass 60 series couplers use two O-rings but do not use a back-up ring.

## Plugs

## IB-Series



Female Thread



Body Size	Connection A	Hex mm	L mm	L1 mm	D mm	D1 mm	Valve	Working Pressure connected in bar	Version	Seal	Part Number
1/4"	G 1/4	19	38	12	21	14,1	with	400	Press. Elim.	NBR	IB2521
1/4"	G 1/4	19	38	12	21	14,1	with	400	Press. Elim.	FKM	IB2521 V
3/8"	G 3/8	22	42	12	24	19	with	320	Press. Elim.	NBR	IB3821
3/8"	G 3/8	22	42	12	24	19	with	320	Press. Elim.	FKM	IB3821 V
1/2"	G 1/2	28	48	14	31	23,6	with	300	Press. Elim.	NBR	IB5021
1/2"	G 1/2	28	48	14	31	23,6	with	300	Press. Elim.	FKM	IB5021 V
3/4"	G 3/4	36	59	24	39	31,4	with	300	Press. Elim.	NBR	IB7521
3/4"	G 3/4	36	59	24	39	31,4	with	300	Press. Elim.	FKM	IB7521 V
1"	G 1	42	70	18	46	37,8	with	300	Press. Elim.	NBR	IB10021

## Seal-Kit

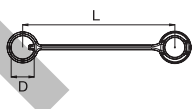
## IB-Series

Body Size	Version	Material	Part Number
1/4"	for coupling	NBR	IB2500-PSN
1/4"	for coupling	FKM	IB2500-PSV
3/8"	for coupling	NBR	IB3800-PSN
3/8"	for coupling	FKM	IB3800-PSV
1/2"	for coupling	NBR	IB5000-PSN
1/2"	for coupling	FKM	IB5000-PSV
3/4"	for coupling	NBR	IB7500-PSN
3/4"	for coupling	FKM	IB7500-PSV
1"	for coupling	NBR	IB10000-PSN
1"	for coupling	FKM	IB10000-PSV

Further sealing materials on request.

## Dust Protection

## IB-Series

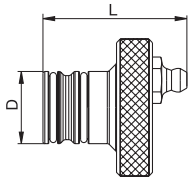


Body Size	Version	L mm	D mm	Material	Color	Part Number
1/4"	for coupling	145	19	PVC	Blue	IB2516
1/4"	for coupling	145	19	PVC	Yellow	IB2516 Y
3/8"	for coupling	145	19	PVC	Blue	IB3816
1/2"	for coupling	170	28	PVC	Blue	IB5016
3/4"	for coupling	195	33	PVC	Blue	IB7516
1"	for coupling	230	42	PVC	Blue	IB10016
1/4"	for plug	145	19	PVC	Blue	IB2526
1/4"	for plug	145	19	PVC	Yellow	IB2526 Y
3/8"	for plug	145	19	PVC	Blue	IB3826
1/2"	for plug	170	28	PVC	Blue	IB5026
3/4"	for plug	195	33	PVC	Blue	IB7526
1"	for plug	230	42	PVC	Blue	IB10026

Further colors on request.

# Lubrication Nipple

# FEM-/IF-Series



Body Size	Version	L mm	D mm	Part Number
3/8"	for coupling	39	20	GRIF38
1/2"	for coupling	42	25	GRIF50
5/8"	for coupling	43	27	GRIF63
3/4"	for coupling	48	30	GRIF75
1"	for coupling	54	36	GRIF100

# Seal-Kit

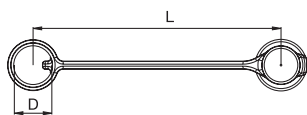
# FEM-/IF-Series

Body Size	Version	Material	Part Number
1/8"	for plugs	NBR	IF2300-PSN
1/8"	for plugs	FKM	IF2300-PSV
1/4"	for plugs	NBR	IF2500-PSN
1/4"	for plugs	FKM	IF2500-PSV
1/4"	for plugs	EPDM	IF2500-PSEP
1/4"	for plugs	PUR	IF2500-PSPU
3/8"	for plugs	NBR	IF3800-PSN
3/8"	for plugs	FKM	IF3800-PSV
3/8"	for plugs	EPDM	IF3800-PSEP
3/8"	for plugs	PUR	IF3800-PSPU
1/2"	for plugs	NBR	IF5000-PSN
1/2"	for plugs	FKM	IF5000-PSV
1/2"	for plugs	EPDM	IF5000-PSEP
1/2"	for plugs	PUR	IF5000-PSPU
5/8"	for plugs	NBR	IF6300-PSN
5/8"	for plugs	FKM	IF6300-PSV
5/8"	for plugs	EPDM	IF6300-PSEP
5/8"	for plugs	PUR	IF6300-PSPU
3/4"	for plugs	NBR	IF7500-PSN
3/4"	for plugs	FKM	IF7500-PSV
3/4"	for plugs	EPDM	IF7500-PSEP
3/4"	for plugs	PUR	IF7500-PSPU
1"	for plugs	NBR	IF10000-PSN
1"	for plugs	FKM	IF10000-PSV
1"	for plugs	EPDM	IF10000-PSEP
1"	for plugs	PUR	IF10000-PSPU

## Dust Protection

## FEM-/IF-Series

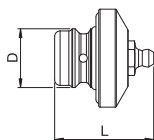
Body Size	Version	L mm	D mm	Material	Color	Part Number
1/8"	for coupling	145	19	PVC	Blue	IB3826
1/8"	for plug	145	19	PVC	Blue	IB2526
1/4"	for coupling	160	24	PVC	Black	PFE-251-P
1/4"	for plug	160	23	PVC	Black	CFE-252-P
3/8"	for coupling	170	28	PVC	Black	PFE-371-P
3/8"	for plug	170	28	PVC	Black	CFE-372-P
1/2"	for coupling	185	35	PVC	Black	PFE-501-P
1/2"	for plug	185	35	PVC	Black	CFE-502-P
5/8"	for coupling	215	37	PVC	Black	PFE-621-P
5/8"	for plug	215	37	PVC	Black	CFE-622-P
3/4"	for coupling	185	42	PVC	Black	PFE-751-P
3/4"	for plug	185	42	PVC	Black	CFE-752-P
1"	for coupling	240	50	PVC	Black	PFE-1001-P
1"	for plug	240	50	PVC	Black	CFE-1002-P



Further colors on request.

## Lubrication Nipples

## T-Series



Body Size	Version	L mm	D mm	Part Number
3/8"	for coupling	36	22	GR3-QC
1/2"	for coupling	41	25	GR5
3/4"	for coupling	44	33	GR7
1"	for coupling	46	41	GR10-QC

For problem free operating with longer lifetime – especially in cold climates.

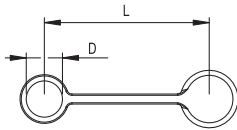
## Seal-Kit

## T-Series

Body Size	Version	Material	Part Number
1/8"	for coupling	NBR	11310 N
1/8"	for coupling	FKM	11310 V
1/4"	for coupling	NBR	2500-PSN
1/4"	for coupling	FKM	2500-PSV
3/8"	for coupling	NBR	3800-PSN
3/8"	for coupling	FKM	3800-PSV
1/2"	for coupling	NBR	5000-PSN
1/2"	for coupling	FKM	5000-PSV
3/4"	for coupling	NBR	7500-PSN
3/4"	for coupling	FKM	7500-PSV
1"	for coupling	NBR	10000-PSN
1"	for coupling	FKM	10000-PSV
1 1/2"	for coupling	NBR	15000-PSN
1 1/2"	for coupling	FKM	15000-PSV
2"	for coupling	NBR	20000-PSN
2"	for coupling	FKM	20000-PSV

The valve seal is crimped and can not be changed.





Body Size	Version	L mm	D mm	Material	Color	Part Number
1/8"	for coupling	66	15	PVC	Red	2315-QC
1/8"	for plug	55	13,4	PVC	Red	125-QC
1/4"	for coupling	145	19	PVC	Blue	2516-QC
1/4"	for plug	145	19	PVC	Blue	2526-QC
3/8"	for coupling	145	23	PVC	Blue	3816-QC
3/8"	for plug	145	23	PVC	Blue	3826
3/8"	for coupling	145	23	PVC	Yellow	3816 Y
3/8"	for plug	145	23	PVC	Yellow	3826 Y
1/2"	for coupling	170	28	PVC	Blue	5016-QC
1/2"	for plug	170	28	PVC	Blue	5026-QC
3/4"	for coupling	195	33	PVC	Blue	7516-QC
3/4"	for plug	195	33	PVC	Blue	7526
1"	for coupling	230	42	PVC	Blue	10016
1"	for plug	230	42	PVC	Blue	10026
1 1/2"	for coupling	330	56	PVC	Black	15015
1 1/2"	for plug	330	56	PVC	Black	15025
2"	for coupling	335	63	EBA	Black	20015-QC
2"	for plug	335	63	EBA	Black	20025-QC

When coupling and plug is connected it is recommended to connect dust protections – to keep these clean, too. Further colors on request.

## Seal-Kit

## FF-Series

Body Size	Version	Material	Part Number
1/4"	for plugs	NBR/PUR	FF2500-PSNPU
3/8"	for plugs	NBR/PUR	FF3800-PSNPU
1/2"	for plugs	NBR/PUR	FF5000-PSNPU
1/2"	for plugs	FKM	FF5000-PSV
3/4"	for plugs	NBR/PUR	FF7500-PSNPU
3/4"	for plugs	FKM	FF7500-PSV
1"	for plugs	NBR/PUR	FF10000-PSNPU
1"	for plugs	FKM	FF10000-PSV

## Dust Protection

## FF-Series





Body Size	Version	L mm	D mm	Material	Color	Part Number
1/4"	for coupling	190	24	PVC	Blue	FF2516
1/4"	for plug	190	24	PVC	Blue	FF2526
3/8"	for coupling	190	28	PVC	Blue	FF3816
3/8"	for plug	190	28	PVC	Blue	FF3826
1/2"	for coupling	220	28	PVC	Blue	FF5016
1/2"	for plug	220	28	PVC	Blue	FF5026
3/4"	for coupling	250	42	PVC	Blue	FF7516
3/4"	for plug	250	42	PVC	Blue	FF7526
1"	for coupling	290	51	PVC	Blue	FF10016
1"	for plug	290	51	PVC	Blue	FF10026



Further colors on request.


## Dust Protection

## SM-Series

	Body Size	Version	Material	Part Number
	1/4"	for coupling	Rubber	PR-25
	1/2"	for coupling	Rubber	DP-50
	1/4"	for plug	Rubber	CR-25
	1/2"	for plug	Rubber	DC-50
	1/4"	for coupling	Aluminium	P-25
	1/2"	for coupling	Aluminium	P-50
	3/4"	for coupling	Aluminium	P-75
	1/4"	for plug	Aluminium	C-25
	1/2"	for plug	Aluminium	C-50
	3/4"	for plug	Aluminium	C-75

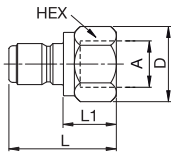
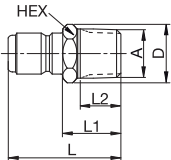
## Seal-Kit

## SM-Series

	Body Size	Version	Material	Part Number
	1/4"	Seal	NBR	020113N0674
	1/2"	Seal	NBR	020211N0674
	1/2"	Back-up ring	PTFE	50014-211
	3/4"	Seal	NBR	020219N0674
	3/4"	Back-up ring	PTFE	50014-219

Plugs

ST-Series Stainless Steel

	Body Size	Connection A	Thread	Hex	L mm	L1 mm	L2 mm	D mm	Bore mm	Version	Weight gr.	Part Number	
 <p>Female Thread</p>	1/8"	1/8"-27	NPTF	9/16"	24,8	14,3		16,4	4,4	AISI 303	17	SST-N1	
	1/4"	1/4"	BSPP	3/4"	37,1	18,1		21,9	6,4	AISI 303	36	SST-N2-BSPP	
	1/4"	1/4"-18	NPTF	3/4"	37,1	18,1		21,9	6,4	AISI 303	36	SST-N2	
	3/8"	3/8"	BSPP	7/8"	41,3	19,1		25,6	9,5	AISI 303	53	SST-N3-BSPP	
	3/8"	3/8"-18	NPTF	7/8"	41,3	19,1		25,6	9,5	AISI 303	50	SST-N3	
	1/2"	1/2"	BSPP	1 1/8"	48,5	24,7		32,9	11,9	AISI 303	103	SST-N4-BSPP	
	1/2"	1/2"-14	NPTF	1 1/8"	48,5	24,7		32,7	11,9	AISI 303	105	SST-N4	
	3/4"	3/4"	BSPP	1 3/8"	54,5	26,5		40,2	18,3	AISI 303	156	SST-N6-BSPP	
	3/4"	3/4"-14	NPTF	1 3/8"	54,5	26,5		40,2	18,3	AISI 303	169	SST-N6	
	1"	1"-11 1/2	NPTF	1 5/8"	59,6	29,0		47,5	23,8	AISI 303	272	SST-N8	
 <p>Male Thread</p>	1/8"	1/8"-27	NPTF	7/16"	26,3	15,9	9,5	12,8	4,4	AISI 303	10	SST-N1M	
	1/4"	1/4"-18	NPTF	9/16"	38,8	19,8	13,5	16,4	6,4	AISI 303	24	SST-N2M	
	3/8"	3/8"-18	NPTF	11/16"	42,9	20,7	14,5	20,1	9,5	AISI 303	41	SST-N3M	
	1/2"	1/2"-14	NPTF	7/8"	49,2	25,4	19,1	25,6	11,9	AISI 303	64	SST-N4M	
	3/4"	3/4"-14	NPTF	1 1/16"	55,7	27,8	13,9	31,0	18,3	AISI 303	100	SST-N6M	
	1"	1"-11 1/2	NPTF	1 3/8"	63,7	33,1	25,4	40,2	23,8	AISI 303	198	SST-N8M	



Seal-Kit

ST-Series

Body Size	Version	Material	Part Number
1/8"	Seal	NBR	020010N0674
1/4"	Seal	NBR	020110N0674
3/8"	Seal	NBR	020112N0674
1/2"	Seal	NBR	020114N0674
3/4"	Seal	NBR	020212N0674
1"	Seal	NBR	020217N0674
1 1/4"	Seal	NBR	020222N0674
1 1/2"	Seal	NBR	020327N0674


## Dust Protection

## QHPA-Series

	Body Size	Version	Material	Color	Part Number
	3/8"	for coupling	Plastic	Red	QHPA13-DC
	1/2"	for coupling	Plastic	Red	QHPA14-DC
	3/4"	for coupling	Plastic	Red	QHPA15-DC
	1"	for coupling	Plastic	Red	QHPA16-DC
	1 1/4"	for coupling	Plastic	Red	QHPA18-DC
	3/8"	for plug	Plastic	Red	QHPA53-DP
	1/2"	for plug	Plastic	Red	QHPA54-DP
	3/4"	for plug	Plastic	Red	QHPA55-DP
	1"	for plug	Plastic	Red	QHPA56-DP
	1 1/4"	for plug	Plastic	Red	QHPA58-DP

## Seal-Kit

## QHPA-Series

	Body Size	Description	Part Number
	3/8"	NBR/PTFE	QHPA53-C-KIT
	1/2"	NBR/PTFE	QHPA54-C-KIT
	3/4"	NBR/ PTFE	QHPA55-C-KIT
	1"	NBR/PTFE	QHPA56-C-KIT
	1 1/4"	NBR/PTFE	QHPA58-C-KIT

O-Ring NBR and Back-up Ring PTFE

The kit contains the O-Ring and the outside ring in NBR as well as the back-up ring in PTFE.