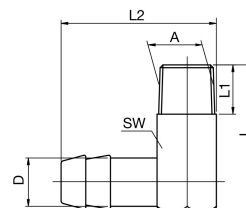
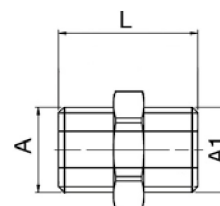


90° Hose Connector



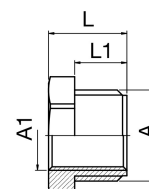
Part No.	A	D	L	L1	L2	SW	
V10M8	M8x0,75	10	27	9	39,5	15	25
V10M10	M10x1	10	27	9	31	11	25
V10R1/8	1/8" BSP	10	24	10	32,5	10	25
V10R1/4	1/4" BSP	10	30	11	38,5	12	25
V13R1/4	1/4" BSP	13	30	10	38,5	13	25
V13M14	M14x1,5	13	34	11	42	17	10
V13R3/8	3/8" BSP	13	37	11	44	19	25
V19M24	M24x1,5	19	47	12	56	24	10
V19R1/2	1/2" BSP	19	47	15	58,5	24	10

Double Nipple with Taper Thread



Part No.	A	A1	L	SW	
EC02/02	1/8"	1/8"	23	10	10
EC04/04	1/4"	1/4"	29	14	10
EC06/06	3/8"	3/8"	29	17	10
EC08/08	1/2"	1/2"	35	21	10
EC12/12	3/4"	3/4"	37	27	10
EC16/16	1"	1"	43	34	10
EC20/20	1.1/4"	1.1/4"	46	42	10

Reducer Nipple

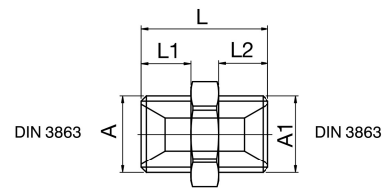
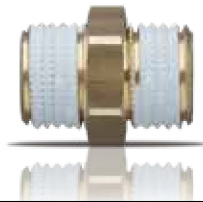


Part No.	A	A1	L	L1	SW	
GR1/4-R1/8	G 1/4"	G 1/8"	11	7	17	10
GM14-M10	M14x1,5	M10X1	11	7	17	10
GR3/8-R1/4	G 3/8"	G 1/4"	13	9	19	10
GM18-M14	M18x1,5	M14x1,5	14	9	22	10
GR1/2-R3/8	G 1/2"	G 3/8"	18	12	24	10
GR3/4-R1/2	G 3/4"	G 1/2"	24	16	27	10
GM24-M16	M24x1,5	M16x1,5	24	16	27	10
GR1/1-R3/4*	G 1"	G 3/4"	28	19	34	1
GR11/2-R3/4*	G 1-1/2"	G 3/4"	32	22	50	1
GR11/2-R1/1*	G 1-1/2"	G 1"	32	22	50	1

* Without sealant coating.

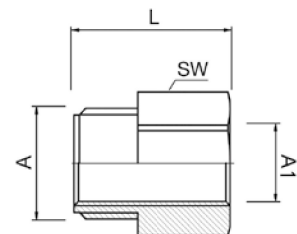
FITTINGS

Double Nipple with Parallel Thread



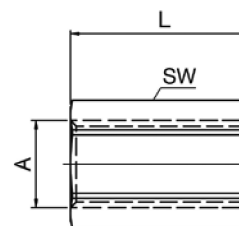
Part No.	A	A1	L	L1	L2	SW	
ZR1/8	G 1/8	G 1/8	21	8	8	17	10
ZM14	M14x1,5	M14x1,5	23	9	9	17	10
ZM14-R1/4	M14x1,5	G 1/4	23	9	9	17	10
ZR1/4	G 1/4	G 1/4	23	9	9	17	10
ZR1/4-R3/8	G 1/4	G 3/8	23	9	9	19	10
ZM16	M16x1,5	M16x1,5	23	9	9	19	10
ZM16-R3/8	M16x1,5	G 3/8	23	9	9	19	10
ZR3/8	G 3/8	G 3/8	23	9	9	19	10
ZR3/8-R1/2	G 3/8	G 1/2	29	9	12	24	10
ZR1/2-M14	G 1/2	M14x1,5	27	12	9	22	10
ZR1/2-M16	G 1/2	M16x1,5	27	12	9	22	10
ZR1/2	G 1/2	G 1/2	30	12	12	24	10
ZR1/2-R3/4	G 1/2	G 3/4	36	12	16	32	10
ZR1/2-R1/1	G 1/2	G 1	40	12	16	36	10
ZM24-R1/2	M24x1,5	G 1/2	36	16	12	27	10
ZR3/4	G 3/4	G 3/4	40	16	16	32	10
ZR3/4-M24	G 3/4	M24x1,5	40	16	16	32	10
ZR3/4-R1/1	G 3/4	G 1	40	16	16	36	10
ZR1/1-R1/1	G 1	G 1	42	16	16	36	10

Converter Nipple



Part No.	A	A1	L	SW	
CN1/8-1/8	G 1/8	G 1/8	23	14	10
CN1/8-1/4	G 1/8	G 1/4	28	17	10
CN1/4-1/8	G 1/4	G 1/8	28	17	10
CN1/4-1/4	G 1/4	G 1/4	28	17	10
CN1/4-3/8	G 1/4	G 3/8	29	19	10
CN3/8-1/4	G 3/8	G 1/4	29	19	10
CN3/8-3/8	G 3/8	G 3/8	29	19	10
CN3/8-1/2	G 3/8	G 1/2	25	24	10
CN1/2-3/8	G 1/2	G 3/8	24	22	10
CN1/2-1/2	G 1/2	G 1/2	27	24	10
CN1/2-3/4	G 1/2	G 3/4	31	30	10

Female Connection Nipple



Part No.	A	L	SW	
FN1/8	G 1/8	22	11	10
FN1/4	G 1/4	26	17	10
FN3/8	G 3/8	26	22	10
FN1/2	G 1/2	30	27	10
FN3/4	G 3/4	36	32	10
FN1/1	G 1	40	41	10

Adaptor Nipple BSPP - NPT



Part No.	BSPP	NPT	
BN1/8	1/8"	1/8"	10
BN1/4	1/4"	1/4"	10
BN3/8	3/8"	3/8"	10

Material: Brass (Nickel Plated).

Adaptor Nipple NPT - BSPP

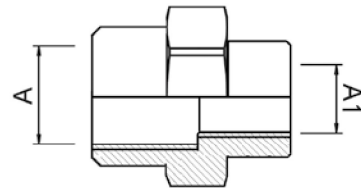


Part No.	BSPP	NPT	
NB1/8	1/8"	1/8"	10
NB1/4	1/4"	1/4"	10
NB3/8	3/8"	3/8"	10
NB1/2	1/2"	1/2"	10

Material: Brass (Nickel Plated).

FITTINGS

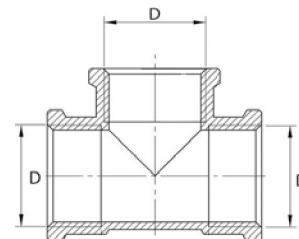
Female Reduction Nipple



Part No.	A1	A	
FFN1/4-3/8	G1/4"	G3/8"	10
FFN1/4-1/2	G1/4"	G1/2"	10
FFN3/8-1/2	G3/8"	G1/2"	10
FFN1/2-3/4	G1/2"	G3/4"	5
FFN3/4-1	G3/4"	G1"	1

Material: Brass (Nickel Plated).

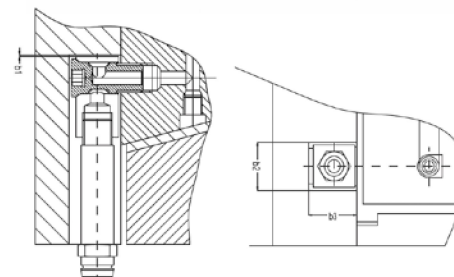
T-Connector



Part No.	D	
FT3/8	G3/8"	10
FT1/2	G1/2"	10
FT3/4	G3/4"	10
FT1	G1"	5
FT1-1/4	G1.1/4"	1
FT1-1/2	G1.1/2"	1

Material: Brass.

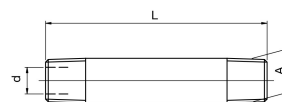
Rotatable Connector



Part No.	Thread	b1	b2	b3	
VS-G1/8	G1/8"	1	16	17,0	1
VS-M10	M10	1	16	17,0	1
VS-G1/4	G1/4"	1	16	23,0	1
VS-M14	M14	1	16	23,0	1
VS-G1/2	G1/2"	1	16	35,5	1

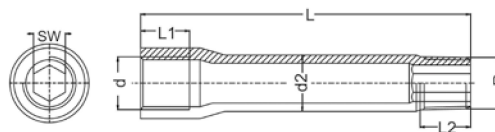
Material: Brass (Nickel Plated).

Barrel Nipple



Part No.	A	L	d	
E50R1/8	1/8" BSPT	50	6	10
E100R1/8	1/8" BSPT	100	6	10
E150R1/8	1/8" BSPT	150	6	10
E200R1/8	1/8" BSPT	200	6	10
E50R1/4	1/4" BSPT	50	9	10
E100R1/4	1/4" BSPT	100	9	10
E150R1/4	1/4" BSPT	150	9	10
E200R1/4	1/4" BSPT	200	9	10
E100R3/8	3/8" BSPT	100	12	10
E150R3/8	3/8" BSPT	150	12	10
E200R3/8	3/8" BSPT	200	12	10

Extension Nipple



Part No.	d	R	d2	L	L1	L2	SW
EX18050	R1/8	R1/8	10	50	12	10	10
EX18075	R1/8	R1/8	10	75	12	10	10
EX18100	R1/8	R1/8	10	100	12	10	10
EX18125	R1/8	R1/8	10	125	12	10	10
EX14050	R1/4	R1/4	14	50	12	10	10
EX14075	R1/4	R1/4	14	75	12	10	10
EX14100	R1/4	R1/4	14	100	12	10	10
EX14125	R1/4	R1/4	14	125	12	10	10
EX14150	R1/4	R1/4	14	150	12	10	10

Material: Zinc Plated Steel.