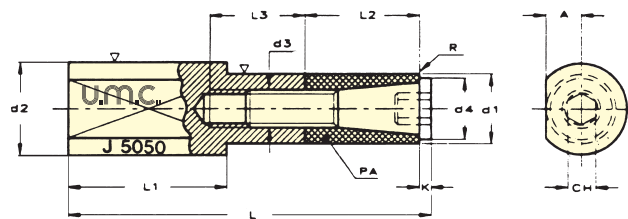


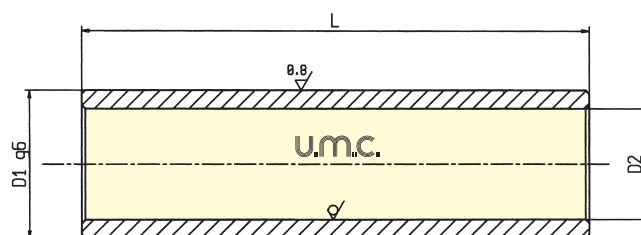
RACORDERIE PER STAMPI

pag	50	TRASCINATORI DISTANZIALI FORATI EDF APPOGGIO TAVOLINO AE - 2
pag	51	COLONNAE BUSSOLA DI CENTRAGGIO TIRANTI FILETTATI TIPO TF
pag	52	RACCORDI CE SERIE NORMALE SERIE LUNGA RACCORDI PORTAGOMMA IN OTTONE
pag	53	RACCORDO RAPIDO COMPATIBILI HASCO INNESTO RAPIDO



L	L1	L2	L3	k	CH	A	d4	d3	d2	d1	
72	23	25	14	4	6	8	13	M 8	18	16	

TRASCINATORI



DISTANZIALI FORATI EDF

D1	10	14	18	20	25	32
D2	6.2	8.3	10.4	12.5	12.5	16.5
Lunghezza	40	n	n	n	n	n
	60	n	n	n	n	n
	80	n	n	n	n	n
	100	n	n	n	n	n
	120	n	n	n	n	n
	140	n	n	n	n	n
	160	n	n	n	n	n
	180	n	n	n	n	n
	200	n	n	n	n	n

ACCIAIO

UNI C10

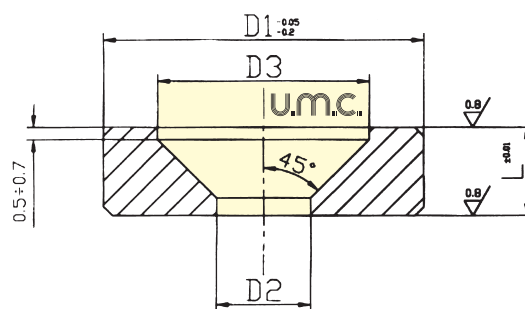
DUREZZA

58 - 62 HRC

ESECUZIONE

Cementato, temperato, rettifica-

Esempio di ordinativo: D1 x L



APPOGGIO TAVOLINO AE - 2

D1	D2	D3	L
20	5.3	11	5

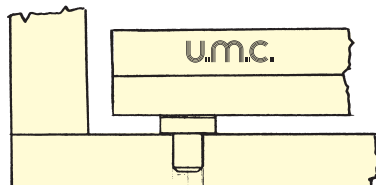
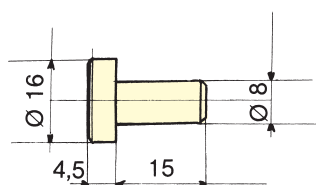
ACCIAIO

UNI 16 Cr Ni 4

ESECUZIONE

Cementato, temperato, rettifica-
to

PIEDINI DI APPOGGIO PER TAVOLINO D ESTRAZIO-



RACCORDERIE PER STAMPI



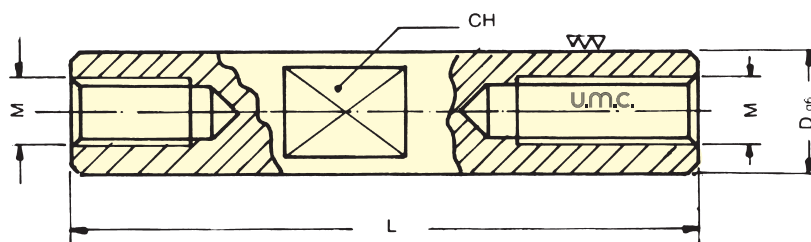
DUREZZA

60 - 62 HRC

ESECUZIONE

Cementato, temperato, rettifica-

TIRANTI FILET-
TATI TIPO TF



M A T E R I A L E

16 Cr Ni 4

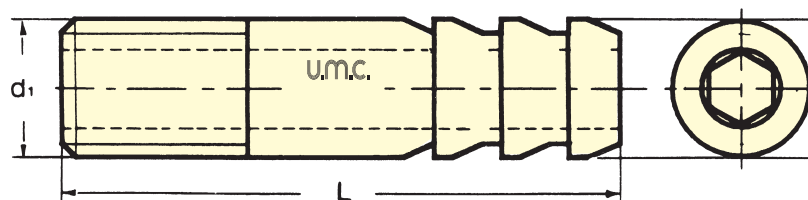
DUREZZA

HRC 61 63

LAVORAZIONI

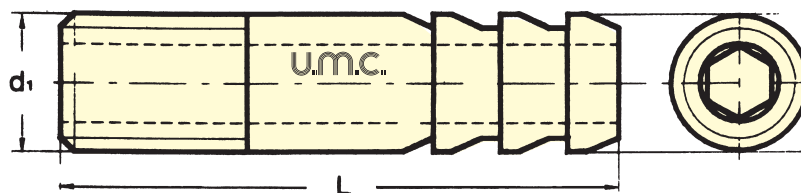
rettifica

D	12	14	16	20	25
M	6	8	10	12	12
CH	10	12	13	17	19
L					
100	n	n	n	n	
120	n	n	n	n	n
140	n	n	n	n	n
160	n	n	n	n	n
180		n	n	n	n
200			n	n	n
220				n	n
240				n	n



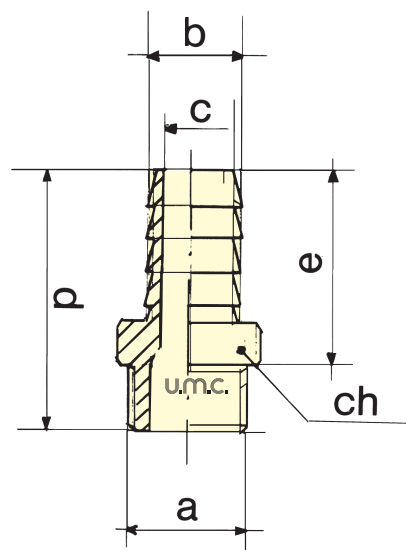
RACCORDI CE SERIE NORMALE

	FERRO ZINCATO	
	L	
1/8 GAS	40	n
1/4 GAS	50	n



SERIE LUNGA

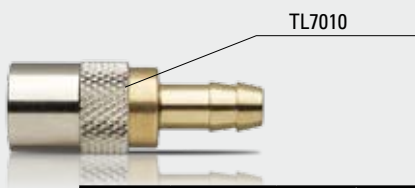
	OTTONE		
	LUNGHEZZA		
	100	125	150
1/8 GAS	n	n	n
1/4 GAS	n	n	n



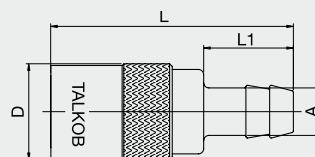
RACCORDI PORTA - GOMMA IN OTTONE

a	b	c	d	e	ch
R 1/8	11	6.5	33	24	11
R 1/4	13	9	33	24	14
R 3/8	14	9	40	29	17
R 1/2	16	11	41	30	22
R 3/4	22	15	44	32	27

TL..

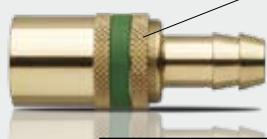


TL7010

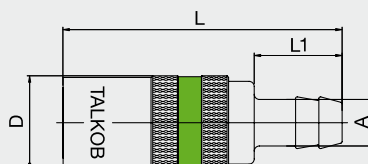


S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TL7006	TL70060V	6	18	46	17		10
		TL7010	TL70100V	10	18	51	22		10
⑨	95	TL9510	TL95100V	10	24	64	22		10
		TL9513	TL95130V	13	24	66,5	25		10
⑯	50	TL5019	TL50190V	19	32	89	32		5

TL..SL



TL95130V-SL

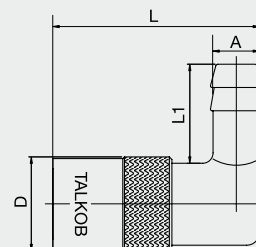


S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TL7006-SL	TL70060V-SL	6	18	54	17		10
		TL7010-SL	TL70100V-SL	10	18	59	22		10
⑨	95	TL9510-SL	TL95100V-SL	10	24	73	22		10
		TL9513-SL	TL95130V-SL	13	24	76	25		10

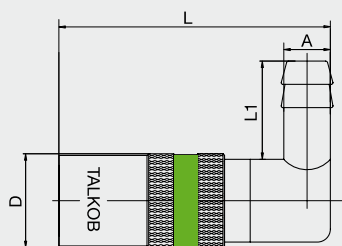
TV../90



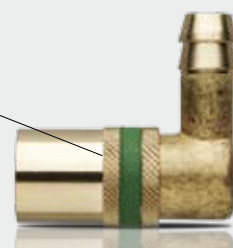
TV7006/90



S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TV7006/90	TV7006/900V	6	18	40	19		10
		TV7010/90	TV7010/900V	10	18	40	22		10
⑨	95	TV9510/90	TV9510/900V	10	24	56	22		10
		TV9513/90	TV9513/900V	13	24	56	28,5		10
⑯	50	TV5019/90	TV5019/900V	19	32	77	32		5

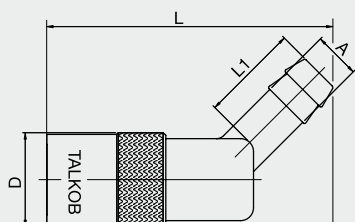


TV9513/900V-SL



S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TV7010/90-SL	TV7010/900V-SL	10	18	52,5	22	10	
⑨	95	TV9510/90-SL	TV9510/900V-SL	10	24	68,5	22	10	
		TV9513/90-SL	TV9513/900V-SL	13	24	68,5	28,5	10	

TV../90 SL

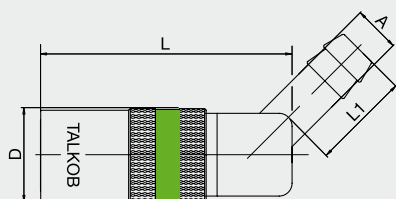


TV7006/45



S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TV7006/45	TV7006/450V	6	18	55,5	19	10	
		TV7010/45	TV7010/450V	10	18	55,5	22	10	
⑨	95	TV9510/45	TV9510/450V	10	24	71	22	10	
		TV9513/45	TV9513/450V	13	24	75	25	10	
⑯	50	TV5019/45	TV5019/450V	19	32	77	30	5	

TV../45



TV7010/450V-SL

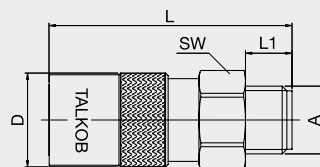
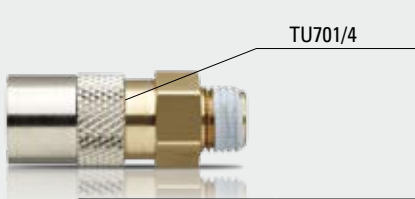


S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TV7010/45-SL	TV7010/450V-SL	10	18	51,5	22	10	
⑨	95	TV9510/45-SL	TV9510/450V-SL	10	24	65,5	22	10	
		TV9513/45-SL	TV9513/450V-SL	13	24	65,5	25	10	

TV../45 SL

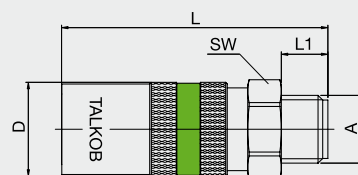
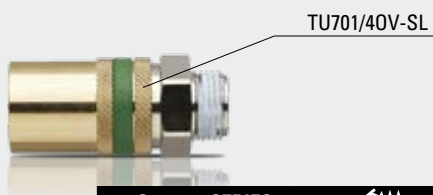


TU..



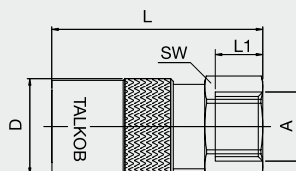
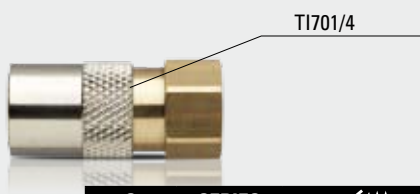
S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TU701/4	TU701/40V	G1/4	18	47	9	17	10
		TU703/8	TU703/80V	G3/8	18	47	9	19	10
⑨	95	TU951/4	TU951/40V	G1/4	24	56,5	9	22	10
		TU953/8	TU953/80V	G3/8	24	56,5	9	22	10
		TU951/2	TU951/20V	G1/2	24	59,5	12	22	10
⑯	50	TU501/2	TU501/20V	G1/2	32	73	12	30	10
		TU503/4	TU503/40V	G3/4	32	77	16	30	5

TU..SL

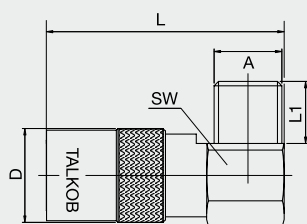


S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TU701/4-SL	TU701/40V-SL	G1/4	18	51,5	9	17	10
		TU703/8-SL	TU703/80V-SL	G3/8	18	51,5	9	19	10
⑨	95	TU951/4-SL	TU951/40V-SL	G1/4	24	67	9	22	10
		TU953/8-SL	TU953/80V-SL	G3/8	24	67	9	22	10
		TU951/2-SL	TU951/20V-SL	G1/2	24	70	12	22	10

TI..



S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TI701/8	TI701/80V	G1/8	18	40	10	17	10
		TI701/4	TI701/40V	G1/4	18	40	10	17	10
		TI703/8	TI703/80V	G3/8	18	44	10	19	10
⑨	95	TI951/4	TI951/40V	G1/4	24	51,5	10	21	10
		TI953/8	TI953/80V	G3/8	24	51,5	10	21	10

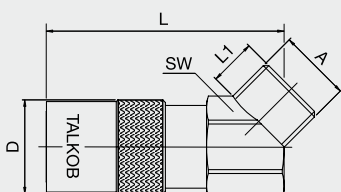


TVU701/4/90

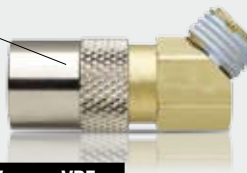


TVU../90

S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TVU701/4/90	TVU701/4/900V	G1/4	18	46	12	17	10

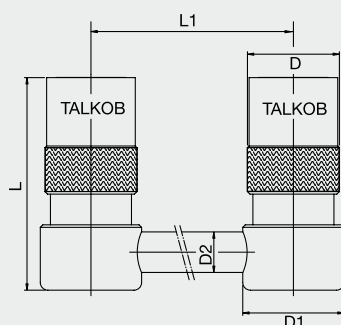


TVU701/4/45



TVU../45

S	SERIES			A	D	L	L1	SW	VPE
⑥	70	TVU701/4/45	TVU701/4/450V	G1/4	18	46	9	17	10

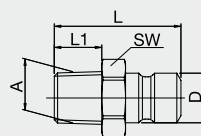
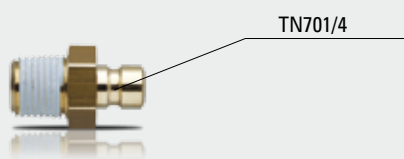


TS95125



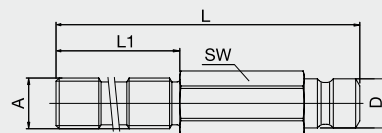
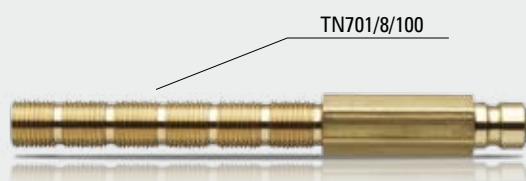
TS..

S	SERIES		A	D	L	D1	D2	L1	VPE
⑥	70	TS70125		18	42	20	8	125	1
		TS70250		18	42	20	8	250	1
		TS70500		18	42	20	8	500	1
⑧	95	TS95125		24	58	26	10	125	1
		TS95250		24	58	26	10	250	1
		TS95500		24	58	26	10	500	1
⑫	50	TS50160		32	78	36	14	160	1
		TS50315		32	78	36	14	315	1
		TS50500		32	78	36	14	500	1



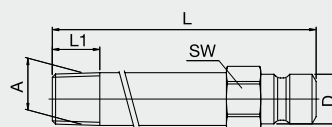
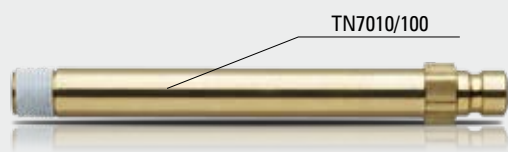
TN..

S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	70	TN70M10	M10x1	9,5	23	8	13	25
		TN701/8	R1/8	9,5	24	9	13	25
		TN701/4	R1/4	9,5	29	12	16	25
	TN701/4 V		R1/4	9,5	29	14	16	25
		TN703/8	R3/8	9,5	30	12	19	25
⑥ ⑨	95	TN951/4 V	R1/4	13,5	34	12	16	25
⑨		TN953/8 V	R3/8	13,5	34	12	19	25
		TN951/2	R1/2	13,5	39	17	24	25
①⑥	50	TN501/2	R1/2	20	44	17	22	10
		TN503/4	R3/4	20	45	19	29	10



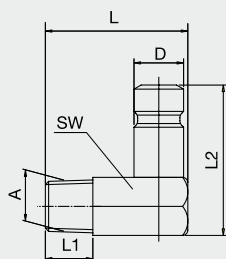
TN../100

S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	70	TN701/8/100	G1/8	9,5	100	60	11	10
		TN701/4/100	G1/4	9,5	100	60	14	10
⑨	95	TN951/4/100	G1/4	13,5	100	60	14	10
		TN953/8/100	G3/8	13,5	100	60	17	10

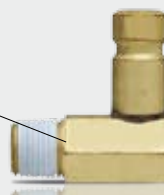


TN../..

S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	70	TN7010/100	R1/8	9,5	100	9	11	10
		TN7010/150	R1/8	9,5	150	9	11	10
		TN7010/250	R1/8	9,5	250	9	11	10
⑨	95	TN9514/150	R1/4	13,5	150	12	15	10
		TN9514/250	R1/4	13,5	250	12	15	10

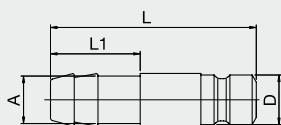


TNV701/8



S	SERIES	↔	A	D	L	L1	L2	SW	VPE
6	70	TNV70M10	M10x1	9,5	27	9	28,5	11	25
		TNV701/8	R1/8	9,5	27	9	28,5	11	25
		TNV701/4	R1/4	9,5	27	9	28,5	11	25
9	95	TNV951/4	R1/4	13,5	34	9	32	15	25
		TNV953/8	R3/8	13,5	34	9	32	15	25

TNV..

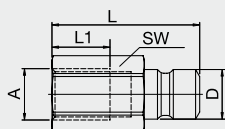


TN7010



S	SERIES	↔	A	D	L	L1	SW	VPE
6	70	TN7010	10	9,5	39	22		25
9	95	TN9513	13	13,5	41	21		25
16	50	TN5019	19	20	91	46		10

TN..



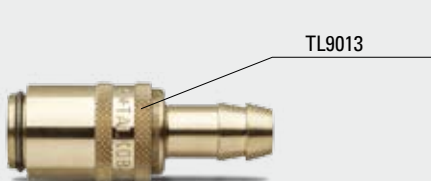
TNI701/4



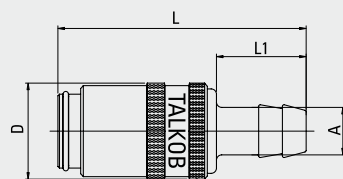
S	SERIES	↔	A	D	L	L1	SW	VPE
6	65	TNI701/8	G1/8	9,5	28	11	13	25
		TNI701/4	G1/4	9,5	32	13	16	25
		TNI703/8	G3/8	9,5	34	13	19	25
9	90	TNI951/4	G1/4	13,5	37	13	16	25
		TNI953/8	G3/8	13,5	39	13	19	25

TNI..

TL..

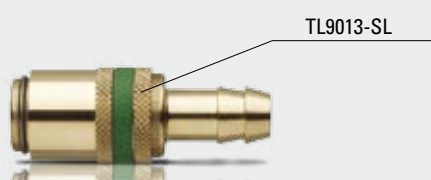


TL9013

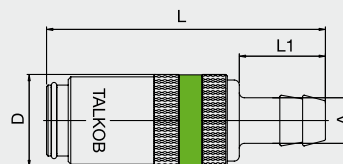


S	SERIES			A	D	L	L1	SW	VPE
6	65	TL6510	TL65100V	10	18	52	22		10
9	90	TL9013	TL90130V	13	23	61,5	25		10
13	20	TL2019	TL20190V	19	32	90	32		5

TL..SL

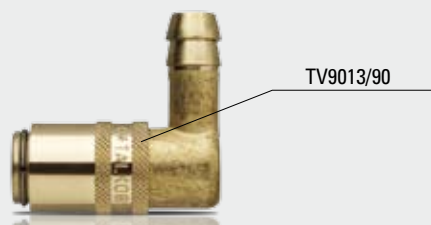


TL9013-SL

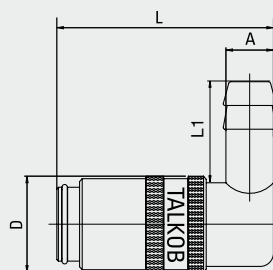


S	SERIES			A	D	L	L1	SW	VPE
6	65	TL6510-SL	TL65100V-SL	10	18	60	22		10
9	90	TL9013-SL	TL90130V-SL	13	24	71	25		10

TV../90

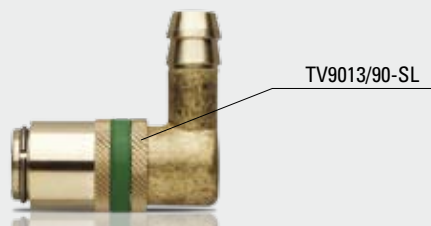


TV9013/90

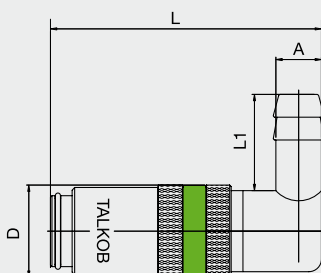


S	SERIES			A	D	L	L1	SW	VPE
6	65	TV6510/90	TV6510/900V	10	18	41	22		10
9	90	TV9013/90	TV9013/900V	13	23	51	28,5		10
13	20	TV2019/90	TV2019/900V	19	32	78	32		5

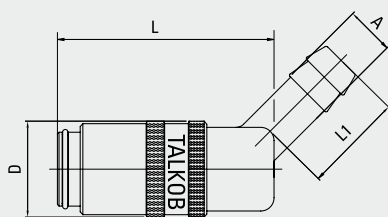
TV../90 SL



TV9013/90-SL



S	SERIES			A	D	L	L1	SW	VPE
6	65	TV6510/90-SL	TV6510/900V-SL	10	18	53,5	22		10
9	90	TV9013/90-SL	TV9013/900V-SL	13	24	63,5	28,5		10

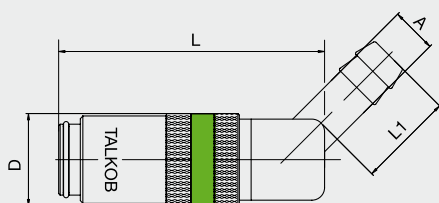


TV9013/45



TV../45

S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TV6510/45	TV6510/450V	10	18	52	22	10	10
⑨	90	TV9013/45	TV9013/450V	13	23	51	25	10	10
⑬	20	TV2019/45	TV2019/450V	19	32	78	30	5	5



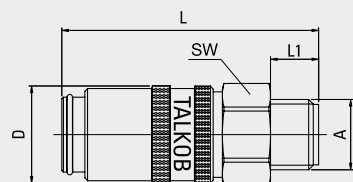
TV9013/45-SL



TV../45 SL

S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TV6510/45-SL	TV6510/450V-SL	10	18	60	22	10	10
⑨	90	TV9013/45-SL	TV9013/450V-SL	13	24	60,5	25	10	10

S



TU903/8

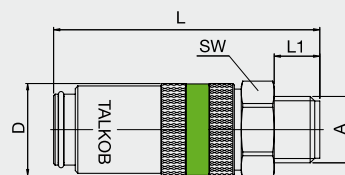
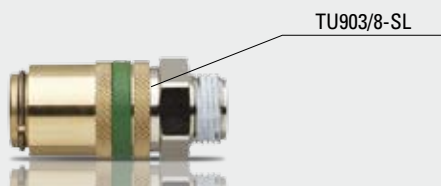


TU..

S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TU65M14	TU65M140V	M14x1,5	18	48	9	17	10
		TU651/4	TU651/40V	G1/4	18	48	9	17	10
		TU653/8	TU653/80V	G3/8	18	48	9	19	10
⑨	90	TU90M16	TU90M160V	M16x1,5	23	51,5	9	22	10
		TU901/4	TU 901/40V	G1/4	23	51,5	9	22	10
		TU903/8	TU 903/80V	G3/8	23	51,5	9	22	10
		TU901/2	TU901/20V	G1/2	23	54,5	12	22	10
⑬	20	TU20M24	TU20M240V	M24x1,5	32	78	16	30	5
		TU201/2	TU201/20V	G1/2	32	74	12	30	5
		TU203/4	TU203/40V	G3/4	32	78	16	30	5

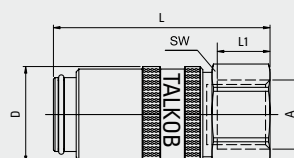
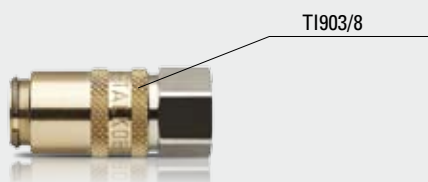
TU..SL

S



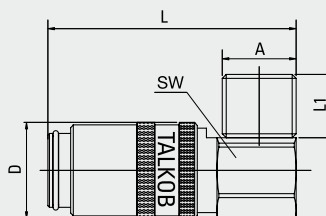
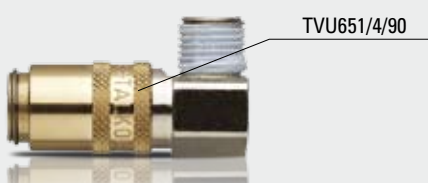
S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TU65M14-SL	TU65M140V-SL	M14x1,5	18	52,5	9	17	10
		TU651/4-SL	TU651/40V-SL	G1/4	18	52,5	9	17	10
		TU653/8-SL	TU653/80V-SL	G3/8	18	52,5	9	19	10
⑨	90	TU90M16-SL	TU90M160V-SL	M16x1,5	24	62	9	22	10
		TU901/4-SL	TU901/40V-SL	G1/4	24	62	9	22	10
		TU903/8-SL	TU903/80V-SL	G3/8	24	62	9	22	10
		TU901/2-SL	TU901/20V-SL	G1/2	24	65	12	22	10

TI..



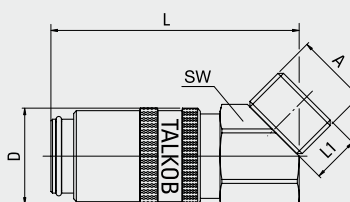
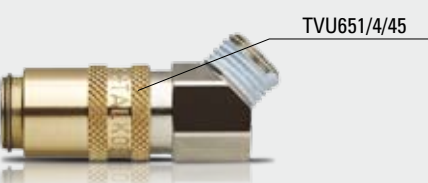
S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TI651/4	TI651/40V	G1/4	18	41	10	17	10
		TI653/8	TI653/80V	G3/8	18	45	10	19	10
⑨	90	TI901/4	TI901/40V	G1/4	23	46,5	10	21	10
		TI903/8	TI903/80V	G3/8	23	46,5	10	21	10
		TI90M16	TI90M160V	M16x1,5	23	46,5	10	21	10

TVU../90

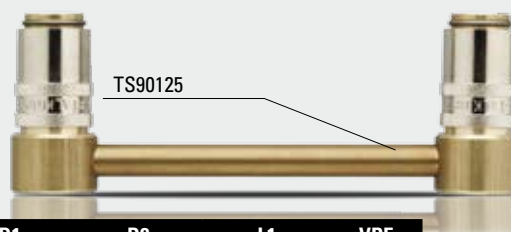
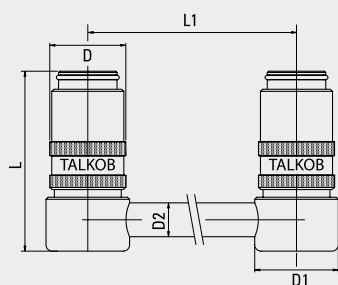


S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TVU65M14/90	TVU65M14/900V	M14x1,5	18	47	12	17	10
		TVU651/4/90	TVU651/4/900V	G1/4	18	47	12	17	10
⑨	90	TVU90M16/90	TVU90M16/900V	M16x1,5	23	53,5	12	22	10
⑬	20	TVU20M24/90	TVU20M24/900V	M24x1,5	32	80	18	30	5

TVU../45



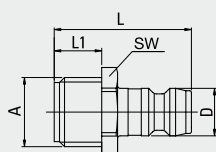
S	SERIES			A	D	L	L1	SW	VPE
⑥	65	TVU65M14/45	TVU65M14/450V	M14x1,5	18	47	9	17	10
		TVU651/4/45	TVU651/4/450V	G1/4	18	47	9	17	10
⑨	90	TVU90M16/45	TVU90M16/450V	M16x1,5	23	53,5	9	22	10
⑬	20	TVU20M24/45	TVU20M24/450V	M24x1,5	32	80	18	30	5



TS90125

TS..

S	SERIES	↔	D	L	D1	D2	L1	VPE
⑥	65	TS65125	18	43	20	8	125	1
		TS65250	18	43	20	8	250	1
		TS65500	18	43	20	8	500	1
⑨	90	TS90125	23	53	26	10	125	1
		TS90250	23	53	26	10	250	1
		TS90500	23	53	26	10	500	1
⑬	20	TS20160	32	80	36	14	160	1
		TS20315	32	80	36	14	315	1
		TS20500	32	80	36	14	500	1



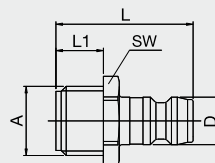
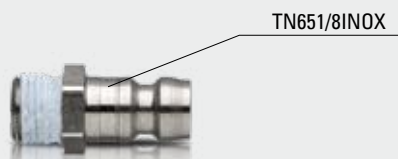
TN651/8



TN..

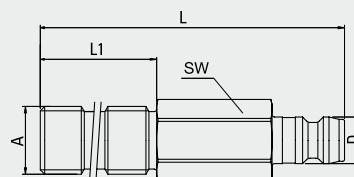
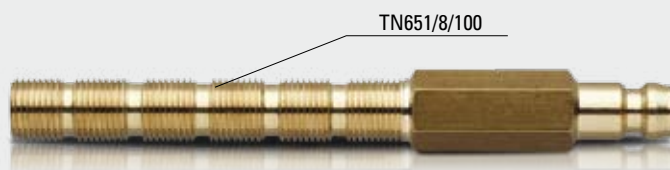
S	SERIES	↔	↔	A	D	L	L1	SW	VPE
⑥	65		TN65M8	M8x0,75	9	24	7	11	25
			TN65M10	M10x1	9	24	7	11	25
			TN651/8*	G1/8	9	24	7	11	25
			TN65M12	M12x1,5	9	27	10	14	25
			TN65M14	M14x1,5	9	26	9	15	25
			TN65M14V	M14x1,5	9	29	12	15	25
			TN651/4*	G1/4	9	26	9	15	25
			TN651/4V*	G1/4	9	29	12	15	25
⑨	90		TN653/8*	G3/8	9	30	10	17	25
			TN901/8*	G1/8	13,5	25	8	14	25
			TN90M14	M14x1,5	13,5	26	9	15	25
			TN901/4*	G1/4	13,5	26	9	15	25
			TN901/4V*	G1/4	13,5	31	12	15	25
			TN903/8*	G3/8	13,5	26	9	17	25
			TN903/8V*	G3/8	13,5	30	12	17	25
			TN90M16	M16x1,5	13,5	26	9	17	25
⑬	20		TN90M16V	M16x1,5	13,5	30	12	17	25
			TN20M24V	M24x1,5	19	51	16	27	10
			TN201/2*	G1/2	19	47	12	22	10
			TN203/4V*	G3/4	19	51	16	27	10

* Nickel plated / vernickelt / nickelé



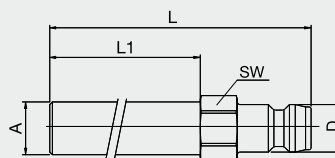
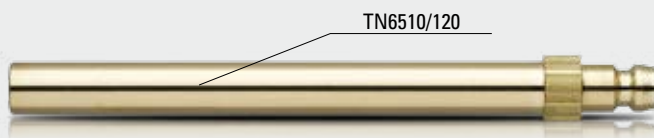
TN..INOX

S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	65	TN65M8INOX	M8x0,75	9	24	7	11	25
		TN65M10INOX	M10x1	9	24	7	11	25
		TN651/8INOX	G1/8	9	24	7	11	25
		TN651/4INOX	G1/4	9	26	9	15	25
⑨	90	TN901/4INOX	G1/4	13,5	26	9	15	25
		TN903/8INOX	G3/8	13,5	26	9	17	25



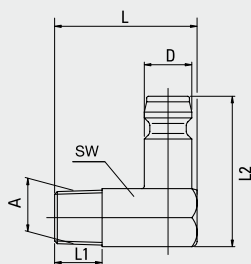
TN../100

S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	65	TN651/8/100	G1/8	9	100	60	11	10
		TN651/4/100	G1/4	9	100	60	14	10
⑨	90	TN901/4/100	G1/4	13,5	100	60	14	10
		TN903/8/100	G3/8	13,5	100	60	19	10



TN..

S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	65	TN6508/63	8	9	63	42	9	10
		TN6508/100	8	9	100	79	9	10
		TN6510/120	10	9	120	100	11	10
		TN6510/240	10	9	240	220	11	10
		TN6510/360	10	9	360	340	11	10
⑨	90	TN9014/150	14	13,5	150	125	15	10
		TN9014/300	14	13,5	300	275	15	10
		TN9014/450	14	13,5	450	425	15	10
⑬	20	TN2021/500	21	19	500	465	22	5
		TN2021/800	21	19	800	765	22	5



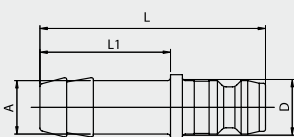
TNV651/8



S	SERIES	↔	A	D	L	L1	L2	SW	VPE
⑥	65	TNV65M8	M8x0,75	9	27	9	28,5	11	25
		TNV65M10	M10x1	9	27	9	28,5	11	25
		TNV651/8*	R1/8	9	27	9	28,5	11	25
		TNV651/4*	R1/4	9	27	9	28,5	11	25
⑨	90	TNV90M14	M14x1,5	13,5	34	11	32	15	25
		TNV901/4*	R1/4	13,5	34	11	32	15	25
		TNV903/8*	R3/8	13,5	34	11	32	15	25
⑬	20	TNV20M24	M24x1,5	19	47	16	54	24	5
		TNV201/2*	R1/2	19	47	16	54	24	5

* Nickel plated / vernickelt / nickelé

TNV..

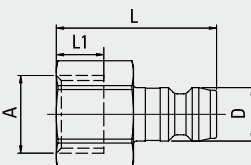


TN9013



S	SERIES	↔	A	D	L	L1	VPE
⑥	65	TN6510	10	9	38	22	25
⑨	90	TN9010	10	13,5	41	25	25
		TN9013	13	13,5	41	25	25
⑬	20	TN2013	13	19	61	32	5
		TN2019	19	19	61	32	5

TN..



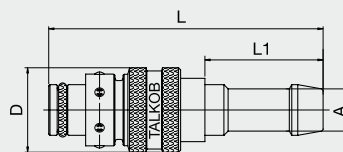
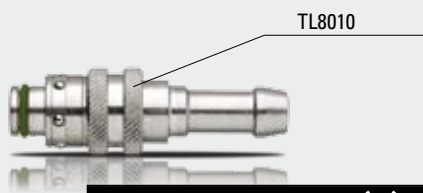
TNI901/4



S	SERIES	↔	A	D	L	L1	SW	VPE
⑥	65	TNI651/8	G1/8	9	24	7	11	25
		TNI651/4	G1/4	9	27	8	16	25
⑨	90	TNI901/4	G1/4	13,5	33	8	16	25

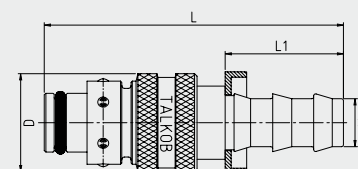
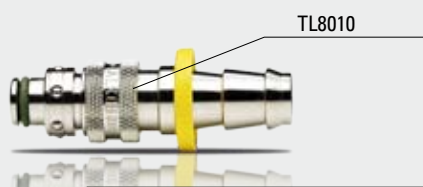
TNI..

TL..



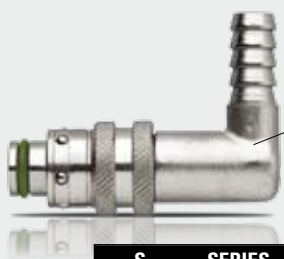
S	SERIES	↔	A	D	L	L1	SW	VPE
8	80	TL8008	8	20	65	28		10
		TL8010	10	20	65	28		10
		TL8012	12	20	65	28		10
12	120	TL12013	13	28	77	33		10
		TL12016	16	28	77	33		10

TL..PL PUSH-LOK

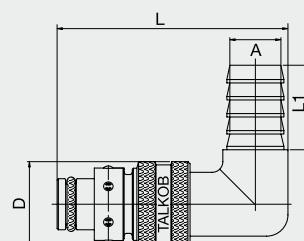


S	SERIES	↔	A	D	L	L1	SV	VPE
8	80	TL8010-PL	10	20	61,5	24,5		10
	80	TL8012-PL	12	20	65	28		10

TV../90



TV8010/90

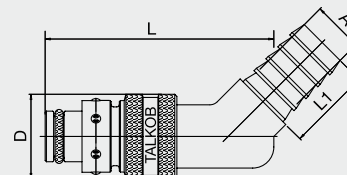


S	SERIES	↔	A	D	L	L1	SW	VPE
8	80	TV8010/90	10	20	51	20		10
		TV8012/90	12	20	51	20		10
12	120	TV12013/90	13	28	59	25		5
		TV12016/90	16	28	62	25		5

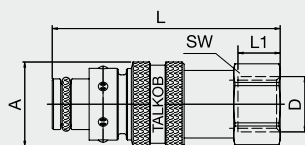
TV../45



TV8010/45



S	SERIES	↔	A	D	L	L1	SW	VPE
8	80	TV8010/45	10	20	51	20		10
		TV8012/45	12	20	51	20		10
12	120	TV12013/45	13	28	55	25		5
		TV12016/45	16	28	55	25		5

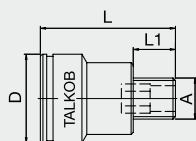


TI801/4



S	SERIES	↔	A	D	L	L1	SW	VPE
⑧	80	TI801/4	G1/4	20	54	10	17	10

TI..

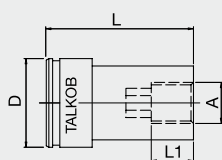


TN801/4



S	SERIES	↔	A	D	L	L1	SW	VPE
⑧	80	TN80M10	M10x1	21	32	10	6	25
		TN801/8	G1/8	21	32	10	6	25
		TN801/4	G1/4	21	33	12	8	25
		TN803/8	G3/8	21	24	13	8	25
⑫	120	TN1203/8	G3/8	32	41	13	10	10
		TN1201/2	G1/2	32	44	16	14	10
		TN1203/4	G3/4	32	32	19	14	10

TN..

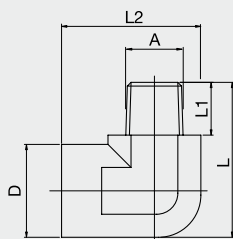


TNI801/8



S	SERIES	↔	A	D	L	L1	SW	VPE
⑧	80	TNI801/8	G1/8	21	35	10	6	10
		TNI801/4	G1/4	21	40	14	8	10
⑫	120	TNI1203/8	G3/8	32	49	14	12	10
		TNI1201/2	G1/2	32	50	14	12	10

TNI..



TNV801/4/90



S	SERIES	↔	A	D	L	L1	L2	SW	VPE
⑧	80	TNV801/8/90	R1/8	22	34	11	33		10
		TNV801/4/90	R1/4	22	37	13	33		10
		TNV803/8/90	R3/8	22	37	13	33		10

TNV../90

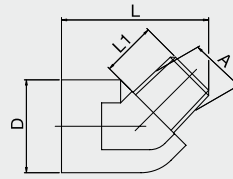


Optional colour clips see page 22
Optionale Colour Clips Seite 22
Clips de couleur optionnels voir page 22

TNV../45

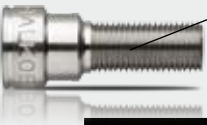


TNV801/4/45

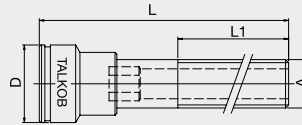


S	SERIES		A	D	L	L1	L2	SW	VPE
8	80	TNV801/8/45	R1/8	22	33	10,5			10
		TNV801/4/45	R1/4	22	35	13			10

TN..



TN801/4/50



S	SERIES		A	D	L	L1	SW	VPE
8	80	TN801/8/50	G1/8	21	50	28	6	10
		TN801/8/100	G1/8	21	100	60	6	10
		TN801/8/150	G1/8	21	150	60	6	10
		TN801/4/50	G1/4	21	50	28	8	10
		TN801/4/100	G1/4	21	100	60	8	10
		TN801/4/150	G1/4	21	150	60	8	10
		TN801/4/200	G1/4	21	200	60	8	10

TMC..



TMC120R



SERIES	No.	Colour	VPE
80	TMC80R	Red	10
80	TMC80B	Blue	10
80	TMC80S	Black	10
120	TMC120R	Red	10
120	TMC120B	Blue	10
120	TMC120S	Black	10

TMN..



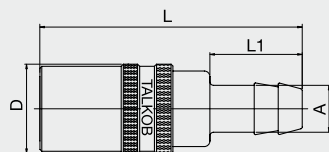
TMN120R



SERIES	No.	Colour	VPE
80	TMN80R	Red	10
80	TMN80B	Blue	10
80	TMN80S	Black	10
120	TMN120R	Red	10
120	TMN120B	Blue	10
120	TMN120S	Black	10



Optional colour clips see page 22
Optionale Colour Clips Seite 22
Clips de couleur optionels voir page 22

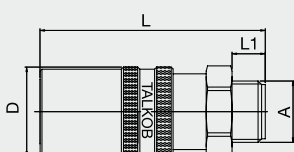


TL912



S	Series		A	D	L	L1	VPE
9	9	TL912	12	24	71	25	10
12	12	TL1216	16	32	90,5	32	10
16	16	TL1619	19	38	112,5	36	5

TL..

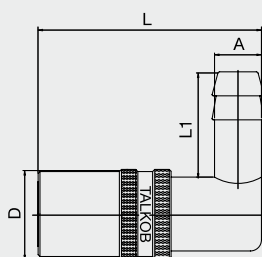


TU93/8

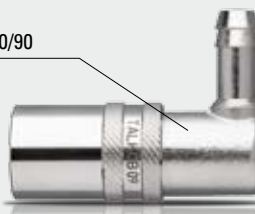


S	Series		A	D	L	L1	VPE
9	9	TU93/8	24	61	6	22	10
12	12	TU121/2	32	74,5	12	30	10
16	16	TU163/4	38	90,5	16	34	5

TU..

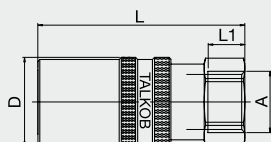


TV910/90



S	Series		A	D	L	L1	VPE
9	9	TV910/90	10	24	60,5	22	10
12	12	TV912/90	12	24	60,5	28,5	10

TV../90



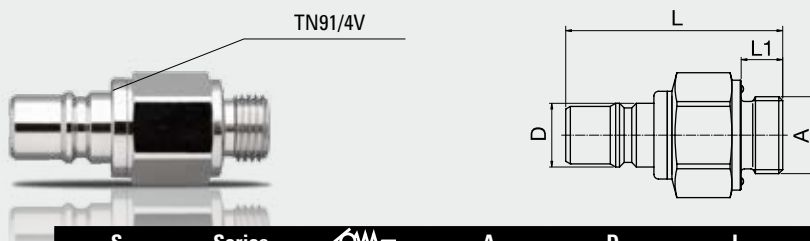
TI93/8



S	Series		D	L	L1	A	VPE
9	9	TI93/8	24	56	10	G 3/8	10
12	12	TI121/2	32	59,5	12	G 1/2	10
16	16	TI163/4	38	90,5	16	G 3/4	5

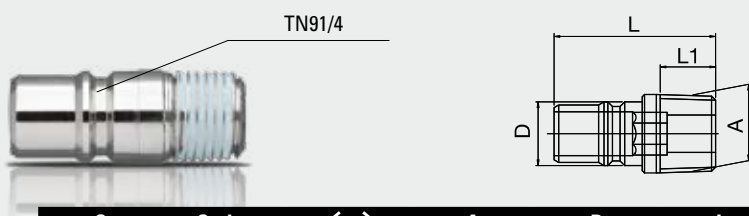
TI

TN..V



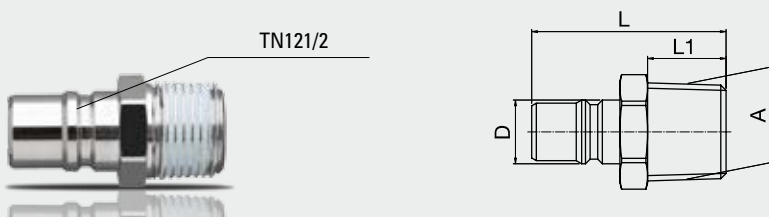
S	Series		A	D	L	L1	SW	VPE
⑨	9	TN91/4V	G 1/4	13,8	49	9	19	10
		TN93/8V	G 3/8	13,8	47	9	24	10
		TN91/2V	G 1/2	13,8	50	12	27	10
⑫	12	TN123/8V	G 3/8	17,8	61	9	24	10
		TN121/2V	G 1/2	17,8	62	12	27	10
		TN123/4V	G 3/4	17,8	64	16	34	10
⑯	16	TN163/4V	G 3/4	22,4	81	16	34	5
		TN161/1V	G 1	22,4	84	19	41	5

TN..

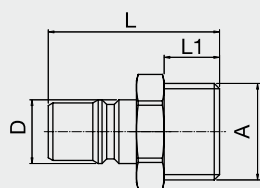


S	Series		A	D	L	L1	SW	VPE
⑨	9	TN91/4	R 1/4 BSPT	13,8	35	12	8	10
		TN93/8	R 3/8 BSPT	13,8	35	12	8	10
⑫	12	TN123/8	R 3/8 BSPT	17,8	40	12	10	10

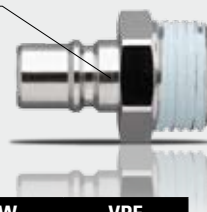
TN..



S	Series		A	D	L	L1	SW	VPE
⑫	12	TN121/2	R 1/2 BSPT	17,8	42	17	22	10
⑯	16	TN163/4	R 3/4 BSPT	22,4	59	19	27	10

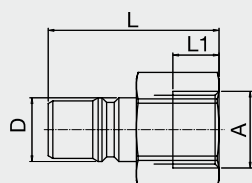


TN91/2

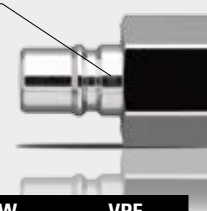


S	Series	↔	A	D	L	L1	SW	VPE
9	9	TN91/2	G 1/2 BSP	13,8	37	12	22	10
12	12	TN123/4	G 3/4 BSP	17,8	46	16	27	10

TN...

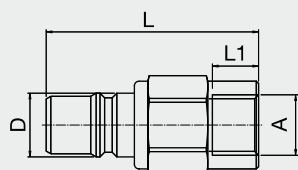


TNI93/8

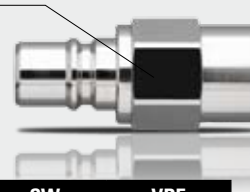


S	Series	↔	A	D	L	L1	SW	VPE
9	9	TNI93/8	G 3/8	13,8	37	10	22	10
12	12	TNI121/2	G 1/2	17,8	45	12	27	10
16	16	TNI163/4	G 3/4	22,4	58	16	32	5

TNI



TNI91/4



S	Series	⚡	A	D	L	L1	SW	VPE
9	9	TNI91/4V	G 1/4	13,8	46	10	19	10
		TNI93/8V	G 3/8	13,8	48	10	22	10
16	16	TNI163/4V	G 3/4	22,4	80,5	16	32	5

TNI..V

TFW..

Material EPDM



No.	D1	D	L	Colour	Pressure	Ref. TFK	Ref. TFB	VPE
TFW10B	10/9	17,5	50 m		max. 15 bar	TFK1810	TFB1016	1
TFW10R	10/9	17,5	50 m		max. 15 bar	TFK1810	TFB1016	1
TFW10S	10/9	17,5	50 m		max. 15 bar	TFK1810	TFB1016	1
TFW13B	13	21	50 m		max. 15 bar	TFK2313	TFB1318	1
TFW13R	13	21	50 m		max. 15 bar	TFK2313	TFB1318	1
TFW13S	13	21	50 m		max. 15 bar	TFK2313	TFB1318	1
TFW19S	19	27	30 m		max. 15 bar	TFK2919	TFB2232	1

TFO..

Material NBR



No.	D1	D	L	Colour	Pressure	Ref. TFK	Ref. TFB	VPE
TFO10S	10/9	17,5	50 m		max. 15 bar	TFK1810	TFB1016	1
TFO13S	13	21	50 m		max. 15 bar	TFK2313	TFB1318	1

TFP..

Material PVC



No.	D1	D	L	Colour	Pressure	Ref. TFK	Ref. TFB	VPE
TFP10T	10/9	16	30/50 m		max. 15 bar	TFK1610	TFB1016	1
TFP10B	10/9	16	30/50 m		max. 15 bar	TFK1610	TFB1016	1
TFP10R	10/9	16	30/50 m		max. 15 bar	TFK1610	TFB1016	1
TFP13T	13	21	30/50 m		max. 15 bar	TFK1913	TFB1318	1
TFP13B	13	21	30/50 m		max. 15 bar	TFK1913	TFB1318	1
TFP13R	13	21	30/50 m		max. 15 bar	TFK1913	TFB1318	1
TFP19T	19	27	30/50 m		max. 15 bar	TFK2919	TFB2232	1

TFS..

Material SILICONE



No.	D1	D	L	Colour	Pressure	Ref. TFK	Ref. TFB	VPE
TFS10	10/9	15	25 m		max. 15 bar	TFK1510	TFB1016	1
TFS10B	10/9	15	25 m		max. 15 bar	TFK1510	TFB1016	1
TFS10R	10/9	15	25 m		max. 15 bar	TFK1510	TFB1016	1
TFS13	13	19	25 m		max. 15 bar	TFK1913	TFB1318	1
TFS13B	13	19	25 m		max. 15 bar	TFK1913	TFB1318	1
TFS13R	13	19	25 m		max. 15 bar	TFK1913	TFB1318	1

TFKM..

Material FKM



No.	D1	D	L	Colour	Pressure	Ref. TFK	Ref. TFB	VPE
TFKM10	10/9	15	25 m		max. 15 bar	TFK1510	TFB1016	1
TFKM10B	10/9	15	25 m		max. 15 bar	TFK1510	TFB1016	1
TFKM10R	10/9	15	25 m		max. 15 bar	TFK1510	TFB1016	1
TFKM13	13	19	25 m		max. 15 bar	TFK1913	TFB1318	1
TFKM13B	13	19	25 m		max. 15 bar	TFK1913	TFB1318	1
TFKM13R	13	19	25 m		max. 15 bar	TFK1913	TFB1318	1



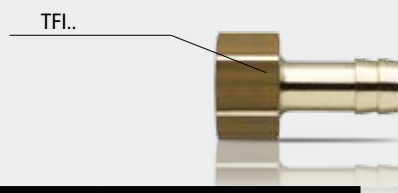
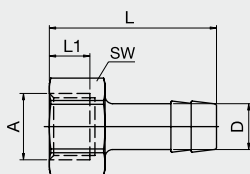
Water
Wasser
Eau



Oil
Öl
Huile

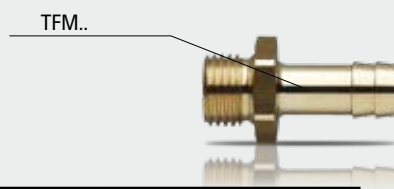
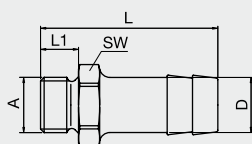


Temperature max.
Temperatur max.
Température max.



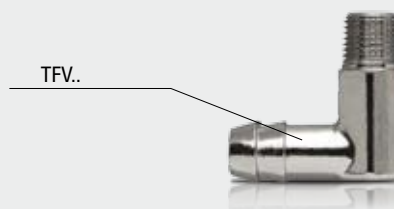
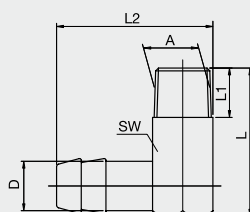
TFI..

No.	A	D	L	L1	SW	VPE
TFI1/810	1/8" BSP	10	33	8	14	25
TFI1/410	1/4" BSP	10	33	8	17	25
TFIM1410	M14x1,5	10	32	10	17	10
TFI1/413	1/4" BSP	13	39	8	17	25
TFIM1613	M16x1,5	13	40	10,5	22	10
TFI3/813	3/8" BSP	13	40	8	19	25



TFM..

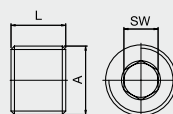
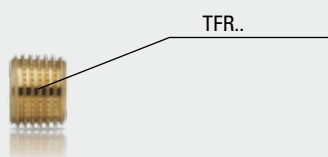
No.	A	D	L	L1	SW	VPE
TFM810	M8x0,75	10	33,5	7	11	25
TFM1010	M10x1	10	33,5	7	11	25
TF1/810	1/8" BSP	10	33	7	14	25
TF1/410	1/4" BSP	10	35	9	17	25
TFM1213	M12x1,5	13	40	9	15	25
TF1/413	1/4" BSP	13	42	9	17	25
TFM1413	M14x1,5	13	43	10	17	10
TFM1613	M16x1,5	13	40	9	17	10
TF3/813	3/8" BSP	13	42	9	19	25
TFM2419	M24x1,5	19	56	16	27	10
TF1/219	1/2" BSP	19	54	12	24	10
TF3/419	3/4" BSP	19	60	16	32	10



TFV..

No.	A	D	L	L1	L2	SW	VPE
TFVM810	M8x0,75	10	27	9	33,5	11	25
TFVM1010	M10x1	10	27	9	28,5	11	25
TFV1/810*	1/8" BSP	10	27	9	28,5	11	25
TFV1/410*	1/4" BSP	10	34	11	40	15	25
TFV1/413*	1/4" BSP	13	34	11	40	15	25
TFVM1413	M14x1,5	13	34	11	40	15	10
TFV3/813*	3/8" BSP	13	35	12	42	17	25
TFVM2419	M24x1,5	19	47	16	58,5	24	10
TFV1/219*	1/2" BSP	19	47	16	58,5	24	10

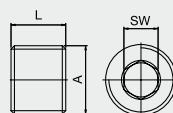
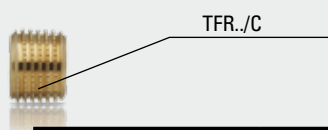
* Nickel plated / vernickelt / nickelé



TFR.. conical

No.	A	L	SW	VPE
TFRM8	M8x0,75	8	4	100
TFRM10	M10x1	8	5	100
TFR1/8*	1/8" BSPT	8	5	100
TFRM12	M12x1,5	8	6	100
TFR1/4*	1/4" BSPT	10	7	100
TFRM14	M14x1,5	10	7	100
TFR3/8*	3/8" BSPT	10	8	100
TFR1/2*	1/2" BSPT	10	10	100

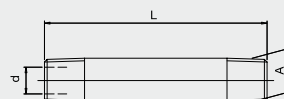
* Nickel plated / vernickelt / nickelé



TFR../C cylindrical

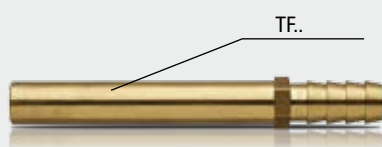
No.	A	L	SW	VPE
TFRM8C	M8x0,75	8	4	100
TFRM10C	M10x1	8	5	100
TFR1/8C*	1/8" BSP	8	5	100
TFRM12C	M12x1,5	8	6	100
TFR1/4C*	1/4" BSP	10	7	100
TFRM14C	M14x1,5	10	7	100
TFR3/8C*	3/8" BSP	10	8	100
TFR1/2C*	1/2" BSP	10	10	100

* Nickel plated / vernickelt / nickelé



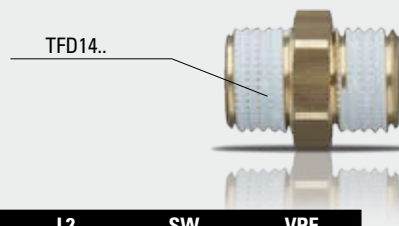
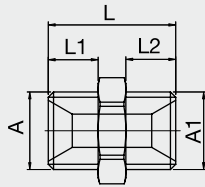
TF..

No.	T	L	d	VPE
TF1/8/50	1/8" BSPT	50	6	10
TF1/8/100	1/8" BSPT	100	6	10
TF1/8/150	1/8" BSPT	150	6	10
TF1/8/200	1/8" BSPT	200	6	10
TF1/4/50	1/4" BSPT	50	9	10
TF1/4/100	1/4" BSPT	100	9	10
TF1/4/150	1/4" BSPT	150	9	10
TF1/4/200	1/4" BSPT	200	9	10
TF3/8/100	3/8" BSPT	100	12	10
TF3/8/150	3/8" BSPT	150	12	10
TF3/8/200	3/8" BSPT	200	12	10



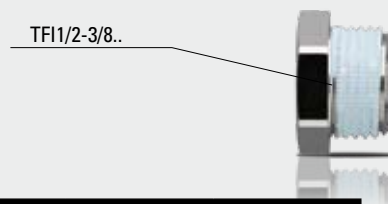
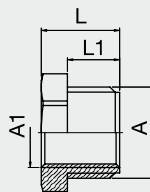
TF..

No.	D	D1	d	L	SW	VPE
TF10/120	10	10	6	120	11	10
TF10/240	10	10	8	240	11	10
TF13/150	13	14	9	150	15	10
TF13/300	13	14	9	300	15	10



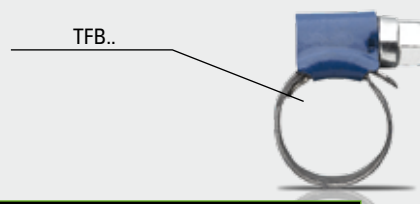
No.	A	A1	L	L1	L2	SW	VPE
TFD14	M14x1,5	M14x1,5	23	9	9	17	10
TFD14-1/4	M14x1,5	G 1/4	23	9	9	17	10
TFD1/4	G 1/4	G 1/4	23	9	9	17	10
TFD16	M16x1,5	M16x1,5	23	9	9	19	10
TFD16-3/8	M16x1,5	G 3/8	23	9	9	19	10
TFD3/8	G 3/8	G 3/8	23	9	9	19	10
TFD1/2-14	G 1/2	M14x1,5	27	12	9	22	10
TFD1/2-16	G 1/2	M16x1,5	27	12	9	22	10
TFD1/2	G 1/2	G 1/2	30	12	12	22	10
TFD24-1/2	M24x1,5	G 1/2	36	16	12	27	10
TFD3/4	G 3/4	G 3/4	40	16	16	27	10
TFD3/4-24	G 3/4	M24x1,5	40	16	16	27	10

TFD..



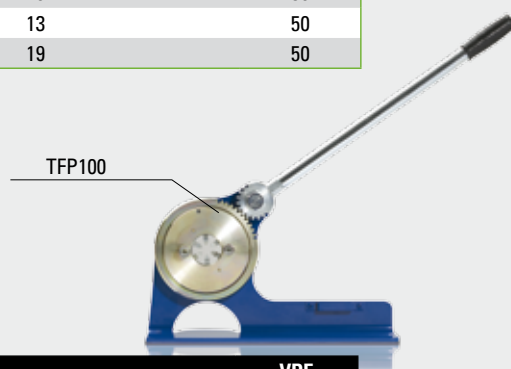
No.	A	A1	L	L1	SW	VPE
TF1/4-1/8	G 1/4	G 1/8	11	7	17	10
TF14-10	M14x1,5	M10x1	11	7	17	10
TF3/8-1/4	G 3/8	G 1/4	13	9	19	10
TF18-14	M18x1,5	M14x1,5	14	9	22	10
TF1/2-3/8	G 1/2	G 3/8	18	12	24	10
TF3/7-1/2	G 3/4	G 1/2	24	16	27	10
TF24-16	M24x1,5	M16x1,5	24	16	27	10

TF..



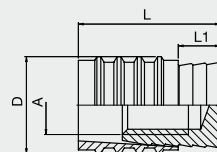
No.	D	d	VPE
TFB0814	8-12	8	50
TFB1016	10-17	10	50
TFB1318	12-22	13	50
TFB2232	22-32	19	50

TFB..



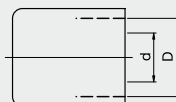
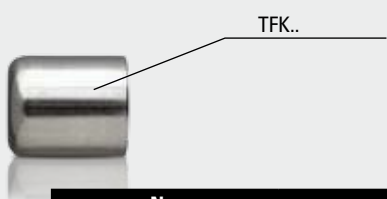
No.	D	VPE
TFP100	10-36	1

TFP..



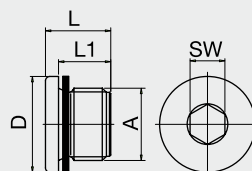
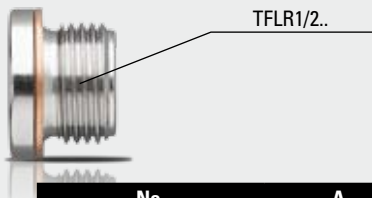
TFVS..

No.	A	D	L	L1	VPE
TFVS6	M3	6	11,5	3,5	100
TFVS8	M4	8	11,5	3,5	100
TFVS10	M6	10	14	4	100
TFVS12	M6	12	14	4	100
TFVS16	M8	16	16	4	100



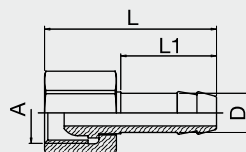
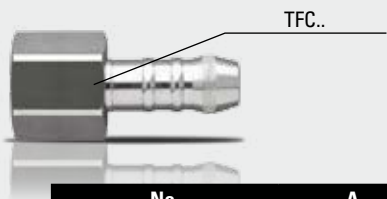
TFK..

No.	D	d	VPE
TFK1510	15	10	100
TFK1610	16	10	100
TFK1810	18	10	100
TFK1913	19	13	100
TFK2013	20	13	100
TFK2313	23	13	100
TFK2919	29	19	50



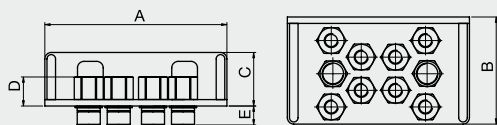
TFL..

No.	A	D	L	L1	SW	VPE
TFLM10	M10x1	14	11	8	5	25
TFLR1/8	G 1/8	14	11	8	5	25
TFLM12	M12x1,5	17	15	12	6	25
TFLR1/4	G 1/4	18	15	12	6	25
TFLM14	M14x1,5	19	15	12	6	25
TFLR3/8	G 3/8	22	15	12	8	25
TFLR1/2	G 1/2	26	18	14	10	25



TFC..

No.	A	D	L	L1	SW	VPE
TFC14	M14x1,5	9	39,5	22	17	10
TFC1/4	G 1/4	9	39,5	22	17	10
TFC16	M16x1,5	13	39	25	22	10
TFC3/8	G 3/8	13	39	25	22	10
TFC1/2	G 1/2	13	45	25	24	10
TFC24	M24x1,5	19	52	32	30	10
TFC3/4	G 3/4	19	52	32	32	10

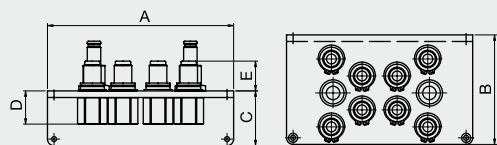


TMM..K..



TMM..K..

		Connection	A	B	C	D	E	VPE
TMM8K11/2V	TMM8K11/2	G 1/2	170	100	50	30	18	1
TMM8KS10V	TMM8KS10	9 mm	170	100	50	36	18	1
TMM8KS13V	TMM8KS13	13 mm	170	100	50	44	18	1

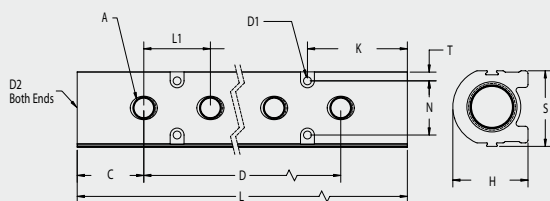


TMM..N



TMM..N

		Connection	A	B	C	D	E	VPE
TMM8N11/2V	TMM8N11/2	G 1/2	170	100	50	30	27	1
TMM8NS10V	TMM8NS10	9 mm	170	100	50	36	27	1
TMM8NS13V	TMM8NS13	13 mm	170	100	50	44	27	1



TM..



TM..

No.	Colour	Ports	A	D2	S	H	D1	L1	C	N	T	K	D	L	VPE
TM4B	Blue	4	G1/4"	G3/4"	43,2	43	4,5	38,1	38,1	31	5	57,2	114,3	190,5	1
TM4R	Red														1
TM6B	Blue	6											190,5	266,7	1
TM6R	Red														1
TM8B	Blue	8											266,7	342,9	1
TM8R	Red														1
TM4-2B	Blue	4	G3/8"	G1"	55,9	54,1	7,1	50,8	38,1	40,6	6,9	63,5	152,4	228,6	1
TM4-2R	Red														1
TM6-2B	Blue	6											254	330,2	1
TM6-2R	Red														1
TM8-2B	Blue	8											355,6	431,8	1
TM8-2R	Red														1

Supplied without couplers / Lieferung ohne Kupplungen / Livraison sans raccords