

## One Touch-in Fitting

### How to Order?

Series No.	Type No.	O.D. of Tube		Port Size	Thread Type
Z : Grey body and Orange release sleeve	PC	04: 4mm	5/32: 5/32 "	M5: M5	P: PT
E : Black body and Blue release sleeve	PCF	06: 6mm	3/16: 3/16 "	M6: M6	G: G
	POC	08: 8mm	1/4: 1/4 "	01: 1/8 "	T: NPT
		10: 10mm	5/16: 5/16 "	02: 1/4 "	
		12: 12mm	3/8: 3/8 "	03: 3/8 "	
		14: 14mm	1/2: 1/2 "	04: 1/2 "	
		16: 16mm			

#### Order Example:

ZPC series One Touch-in Fitting, Grey body and Orange release sleeve, for 4mm OD tube, 1/8" G thread, ERP code ZPC04-01G

### Metric tubing-PT thread

ZPC	Model	D	R	A	B	S1	S2	Main Dimension
	ZPC04-M5	4	M5	4	22	10	2	
	ZPC04-M6	4	M6	4.5	22.5	10	2	
	ZPC04-01P	4	PT1/8	7.5	20.2	10	3	
	ZPC04-02P	4	PT1/4	9.5	18.5	14	3	
	ZPC06-M5	6	M5	4	22.6	12	2	
	ZPC06-M6	6	M6	4.5	23.1	12	2	
	ZPC06-01P	6	PT1/8	7.5	21.1	12	4	
	ZPC06-02P	6	PT1/4	9.5	22.1	14	4	
	ZPC06-03P	6	PT3/8	10.5	21.1	17	4	
	ZPC06-04P	6	PT1/2	13.5	24.1	21	4	
	ZPC08-01P	8	PT1/8	7.5	26.4	14	5	
	ZPC08-02P	8	PT1/4	9.5	23.9	14	6	
	ZPC08-03P	8	PT3/8	10.5	21.9	17	6	
	ZPC08-04P	8	PT1/2	13.5	24.4	21	6	
	ZPC10-01P	10	PT1/8	7.5	29.5	17	5	
	ZPC10-02P	10	PT1/4	9.5	30.8	17	6	
	ZPC10-03P	10	PT3/8	10.5	27.7	17	8	
	ZPC10-04P	10	PT1/2	13.5	25.5	21	8	
	ZPC12-01P	12	PT1/8	7.5	32	20	5	
	ZPC12-02P	12	PT1/4	9.5	34	20	6	
	ZPC12-03P	12	PT3/8	10.5	30	20	10	
	ZPC12-04P	12	PT1/2	13.5	29	21	-	
	ZPC14-02P	14	PT1/4	9.5	34.3	22	-	
	ZPC14-03P	14	PT3/8	10.5	35.3	22	-	
	ZPC14-04P	14	PT1/2	13.5	33.3	22	-	
	ZPC16-02P	16	PT1/4	9.5	35.5	24	-	
	ZPC16-03P	16	PT3/8	10.5	36.5	24	-	
	ZPC16-04P	16	PT1/2	13.5	34.5	24	-	



ZPOC	Model	D	R	A	B	P	S	Main Dimension
	ZPOC04-M5	4	M5	4	22	10	2	
	ZPOC04-M6	4	M6	4.5	22.5	10	2	
	ZPOC04-01P	4	PT1/8	7.5	20.2	10	3	
	ZPOC04-02P	4	PT1/4	9.5	18.5	14	3	
	ZPOC06-M5	6	M5	4	22.6	12	2	
	ZPOC06-M6	6	M6	4.5	23.1	12	2	
	ZPOC06-01P	6	PT1/8	7.5	21.1	12	4	
	ZPOC06-02P	6	PT1/4	9.5	22.1	14	4	
	ZPOC06-03P	6	PT3/8	10.5	21.1	17	4	
	ZPOC06-04P	6	PT1/2	13.5	24.1	21	4	
	ZPOC08-01P	8	PT1/8	7.5	26.4	14	5	
	ZPOC08-02P	8	PT1/4	9.5	23.9	14	6	
	ZPOC08-03P	8	PT3/8	10.5	21.9	17	6	
	ZPOC08-04P	8	PT1/2	13.5	24.4	21	6	
	ZPOC10-01P	10	PT1/8	7.5	29.5	17	5	
	ZPOC10-02P	10	PT1/4	9.5	30.8	17	6	
	ZPOC10-03P	10	PT3/8	10.5	27.7	17	8	
	ZPOC10-04P	10	PT1/2	13.5	25.5	21	8	
	ZPOC12-01P	12	PT1/8	7.5	32	20	5	
	ZPOC12-02P	12	PT1/4	9.5	34	20	6	
	ZPOC12-03P	12	PT3/8	10.5	30	20	10	
	ZPOC12-04P	12	PT1/2	13.5	29	21	10	



## ○ Metric tubing-PT thread

ZPCF	Model	D	R	A	B	S	Main Dimension
	ZPCF04-01P	4	PT1/8	8	24.7	12	
	ZPCF04-02P	4	PT1/4	11	27.7	17	
	ZPCF06-01P	6	PT1/8	8	25.2	12	
	ZPCF06-02P	6	PT1/4	11	28.2	17	
	ZPCF06-03P	6	PT3/8	12	29.2	20	
	ZPCF06-04P	6	PT1/2	14	31.2	24	
	ZPCF08-01P	8	PT1/8	8	26.9	14	
	ZPCF08-02P	8	PT1/4	11	29.9	17	
	ZPCF08-03P	8	PT3/8	12	30.9	20	
	ZPCF08-04P	8	PT1/2	14	32.9	24	
	ZPCF10-01P	10	PT1/8	8	29.9	17	
	ZPCF10-02P	10	PT1/4	11	32.9	17	
	ZPCF10-03P	10	PT3/8	12	33.9	20	
	ZPCF10-04P	10	PT1/2	14	35.9	24	
	ZPCF12-01P	12	PT1/8	8	31.5	20	
	ZPCF12-02P	12	PT1/4	11	34.5	20	
	ZPCF12-03P	12	PT3/8	12	35.5	20	
	ZPCF12-04P	12	PT1/2	14	37.5	24	
	ZPCF14-02P	14	PT1/4	11	36	22	
	ZPCF14-03P	14	PT3/8	12	37	24	
	ZPCF14-04P	14	PT1/2	14	39	24	
	ZPCF16-02P	16	PT1/4	11	36	24	
	ZPCF16-03P	16	PT3/8	12	37	24	
	ZPCF16-04P	16	PT1/2	14	39	24	

ZPL	Model	D	R	A	B	C	S	Main Dimension
	ZPL04-M5	4	M5	4	22.5	17.7	10	
	ZPL04-M6	4	M6	4.5	23	17.7	10	
	ZPL04-01P	4	PT1/8	7.5	25	17.7	10	
	ZPL04-02P	4	PT1/4	9.5	27	17.7	14	
	ZPL06-M5	6	M5	4	23.7	19.2	12	
	ZPL06-M6	6	M6	4.5	24.2	19.2	12	
	ZPL06-01P	6	PT1/8	7.5	26.2	19.2	12	
	ZPL06-02P	6	PT1/4	9.5	28.2	19.2	14	
	ZPL06-03P	6	PT3/8	10.5	29.2	19.2	17	
	ZPL06-04P	6	PT1/2	13.5	32.2	19.2	21	
	ZPL08-01P	8	PT1/8	7.5	29.5	22.6	14	
	ZPL08-02P	8	PT1/4	9.5	31.5	22.6	14	
	ZPL08-03P	8	PT3/8	10.5	32.5	22.6	17	
	ZPL08-04P	8	PT1/2	13.5	35.5	22.6	21	
	ZPL10-01P	10	PT1/8	7.5	33.8	27.8	17	
	ZPL10-02P	10	PT1/4	9.5	35.8	27.8	17	
	ZPL10-03P	10	PT3/8	10.5	36.8	27.8	17	
	ZPL10-04P	10	PT1/2	13.5	39.8	27.8	21	
	ZPL12-01P	12	PT1/8	7.5	35.5	29.3	19	
	ZPL12-02P	12	PT1/4	9.5	37.5	29.3	19	
	ZPL12-03P	12	PT3/8	10.5	38.5	29.3	19	
	ZPL12-04P	12	PT1/2	13.5	41.5	29.3	21	
	ZPL14-02P	14	PT1/4	9.5	39.5	30.6	24	
	ZPL14-03P	14	PT3/8	10.5	40.5	30.6	24	
	ZPL14-04P	14	PT1/2	13.5	43.5	30.6	24	
	ZPL16-02P	16	PT1/4	9.5	42	33.3	24	
	ZPL16-03P	16	PT3/8	10.5	43	33.3	24	
	ZPL16-04P	16	PT1/2	13.5	46	33.3	24	

ZPLL	Model	D	R	A	B	C	S	Main Dimension
	ZPLL04-M5	4	M5	4	32.5	17.7	10	
	ZPLL04-M6	4	M6	4.5	33	17.7	10	
	ZPLL04-01P	4	PT1/8	7.5	36	17.7	10	
	ZPLL04-02P	4	PT1/4	9.5	39	17.7	14	
	ZPLL06-M5	6	M5	4	37	19.2	12	
	ZPLL06-M6	6	M6	4.5	38	19.2	12	
	ZPLL06-01P	6	PT1/8	7.5	39.7	19.2	12	
	ZPLL06-02P	6	PT1/4	9.5	42.2	19.2	14	
	ZPLL06-03P	6	PT3/8	10.5	43.7	19.2	17	
	ZPLL06-04P	6	PT1/2	13.5	47.2	19.2	21	
	ZPLL08-01P	8	PT1/8	7.5	43	22.6	14	
	ZPLL08-02P	8	PT1/4	9.5	45.5	22.6	14	
	ZPLL08-03	8	PT3/8	10.5	47	22.6	17	
	ZPLL08-04	8	PT1/2	13.5	50.5	22.6	21	
	ZPLL10-01	10	PT1/8	7.5	54.3	27.8	17	
	ZPLL10-02	10	PT1/4	9.5	56.3	27.8	17	
	ZPLL10-03	10	PT3/8	10.5	57.3	27.8	17	
	ZPLL10-04P	10	PT1/2	13.5	60.8	27.8	21	
	ZPLL12-02P	12	PT1/4	9.5	61.5	29.3	19	
	ZPLL12-03P	12	PT3/8	10.5	62.5	29.3	19	
	ZPLL12-04P	12	PT1/2	13.5	65.5	29.3	19	

## Metric tubing-PT thread

ZPLF	Model	D	R	A	B	C	S	Main Dimension
	ZPLF04-01P	4	PT1/8	8	23.5	17.7	12	
	ZPLF04-02P	4	PT1/4	11	26.5	17.7	17	
	ZPLF06-01P	6	PT1/8	8	24.7	19.2	12	
	ZPLF06-02P	6	PT1/4	11	27.7	19.2	17	
	ZPLF06-03P	6	PT3/8	12	28.7	19.2	20	
	ZPLF06-04P	6	PT1/2	14	30.7	19.2	24	
	ZPLF08-01P	8	PT1/8	8	28	22.6	14	
	ZPLF08-02P	8	PT1/4	11	31	22.6	17	
	ZPLF08-03P	8	PT3/8	12	32	22.6	20	
	ZPLF08-04P	8	PT1/2	14	34	22.6	24	
	ZPLF10-01P	10	PT1/8	8	32.3	27.8	17	
	ZPLF10-02P	10	PT1/4	11	35.3	27.8	17	
	ZPLF10-03P	10	PT3/8	12	36.3	27.8	20	
	ZPLF10-04P	10	PT1/2	14	38.3	27.8	24	
	ZPLF12-02P	12	PT1/4	11	37.5	29.3	20	
	ZPLF12-03P	12	PT3/8	12	38.5	29.3	20	
	ZPLF12-04P	12	PT1/2	14	41	29.3	24	
	ZPLF14-02P	14	PT1/4	11	38	30.6	22	
	ZPLF14-03P	14	PT3/8	12	39	30.6	22	
	ZPLF14-04P	14	PT1/2	14	41	30.6	24	
	ZPLF16-02P	16	PT1/4	11	41.5	33.3	24	
	ZPLF16-03P	16	PT3/8	12	42.5	33.3	24	
	ZPLF16-04P	16	PT1/2	14	44.5	33.3	24	



ZPD	Model	D	R	A	B	C	S	Main Dimension
	ZPD04-M5	4	M5	4	23.5	18.7	10	
	ZPD04-M6	4	M6	4.5	24	18.7	10	
	ZPD04-01P	4	PT1/8	7.5	26	18.7	10	
	ZPD04-02P	4	PT1/4	9.5	28	18.7	14	
	ZPD06-M5	6	M5	4	24	19.5	12	
	ZPD06-M6	6	M6	4.5	24.5	19.5	12	
	ZPD06-01P	6	PT1/8	7.5	26.5	19.5	12	
	ZPD06-02P	6	PT1/4	9.5	28.5	19.5	14	
	ZPD06-03P	6	PT3/8	10.5	29.5	19.5	17	
	ZPD06-04P	6	PT1/2	13.5	34.5	19.5	21	
	ZPD08-01P	8	PT1/8	7.5	29.5	22.6	14	
	ZPD08-02P	8	PT1/4	9.5	31.5	22.6	14	
	ZPD08-03P	8	PT3/8	10.5	32.5	22.6	17	
	ZPD08-04P	8	PT1/2	13.5	35.5	22.6	21	
	ZPD10-01P	10	PT1/8	7.5	34.5	28.5	17	
	ZPD10-02P	10	PT1/4	9.5	36.5	28.5	17	
	ZPD10-03P	10	PT3/8	10.5	37.5	28.5	17	
	ZPD10-04P	10	PT1/2	13.5	40.5	28.5	21	
	ZPD12-01P	12	PT1/8	7.5	35.5	29.3	19	
	ZPD12-02P	12	PT1/4	9.5	37.5	29.3	19	
	ZPD12-03P	12	PT3/8	10.5	38.5	29.3	19	
	ZPD12-04P	12	PT1/2	13.5	41.5	29.3	21	
	ZPD14-02P	14	PT1/4	9.5	38.7	29.8	24	
	ZPD14-03P	14	PT3/8	10.5	39.7	29.8	24	
	ZPD14-04P	14	PT1/2	13.5	42.7	29.8	24	
	ZPD16-02P	16	PT1/4	9.5	40.1	31.9	24	
	ZPD16-03P	16	PT3/8	10.5	41.1	31.9	24	
	ZPD16-04P	16	PT1/2	13.5	44.1	31.9	24	



ZPB	Model	D	R	A	B	C	S	Main Dimension
	ZPB04-M5	4	M5	4	23.5	18.7	10	
	ZPB04-M6	4	M6	4.5	24	18.7	10	
	ZPB04-01P	4	PT1/8	7.5	26	18.7	10	
	ZPB04-02P	4	PT1/4	9.5	28	18.7	14	
	ZPB06-M5	6	M5	4	24	19.7	12	
	ZPB06-M6	6	M6	4.5	24.5	19.5	12	
	ZPB06-01P	6	PT1/8	7.5	26.5	19.5	12	
	ZPB06-02P	6	PT1/4	9.5	28.5	19.5	14	
	ZPB06-03P	6	PT3/8	10.5	29.5	19.5	17	
	ZPB06-04P	6	PT1/2	13.5	34.5	19.5	21	
	ZPB08-01P	8	PT1/8	7.5	29.5	22.6	14	
	ZPB08-02P	8	PT1/4	9.5	31.5	22.6	14	
	ZPB08-03P	8	PT3/8	10.5	32.5	22.6	17	
	ZPB08-04P	8	PT1/2	13.5	35.5	22.6	21	
	ZPB10-01P	10	PT1/8	7.5	34.5	28.5	17	
	ZPB10-02P	10	PT1/4	9.5	36.5	28.5	17	
	ZPB10-03P	10	PT3/8	10.5	37.5	28.5	17	
	ZPB10-04P	10	PT1/2	13.5	40.5	28.5	21	
	ZPB12-01P	12	PT1/8	7.5	35.5	29.3	19	
	ZPB12-02P	12	PT1/4	9.5	37.5	29.3	19	
	ZPB12-03P	12	PT3/8	10.5	38.5	29.3	19	
	ZPB12-04P	12	PT1/2	13.5	41.5	29.3	21	
	ZPB14-02P	14	PT1/4	9.5	38.7	29.8	24	
	ZPB14-03P	14	PT3/8	10.5	39.7	29.8	24	
	ZPB14-04P	14	PT1/2	13.5	42.7	29.8	24	
	ZPB16-02P	16	PT1/4	9.5	40.1	31.9	24	
	ZPB16-03P	16	PT3/8	10.5	41.1	31.9	24	
	ZPB16-04P	16	PT1/2	13.5	44.1	31.9	24	



## ○ Metric tubing-PT thread

ZPWT	Model	D	R	A	B	S	Main Dimension
	ZPWT04-M5	4	M5	4	42.9	10	
	ZPWT04-M6	4	M6	4.5	43.4	10	
	ZPWT04-01P	4	PT 1/8	7.5	42.5	10	
	ZPWT04-02P	4	PT 1/4	9.5	45.5	14	
	ZPWT06-M5	6	M5	4	41.7	12	
	ZPWT06-M6	6	M6	4.5	42.2	12	
	ZPWT06-01P	6	PT 1/8	7.5	44.2	12	
	ZPWT06-02P	6	PT 1/4	9.5	46.2	14	
	ZPWT06-03P	6	PT 3/8	10.5	47.2	17	
	ZPWT06-04P	6	PT 1/2	13.5	50.2	21	
	ZPWT08-01P	8	PT 1/8	7.5	46.9	14	
	ZPWT08-02P	8	PT 1/4	9.5	48.9	14	
	ZPWT08-03P	8	PT 3/8	10.5	49.9	17	
	ZPWT08-04P	8	PT 1/2	13.5	52.9	21	
	ZPWT10-01P	10	PT 1/8	7.5	56.1	17	
	ZPWT10-02P	10	PT 1/4	9.5	58.1	17	
	ZPWT10-03P	10	PT 3/8	10.5	59.1	17	
	ZPWT10-04P	10	PT 1/2	13.5	62.1	21	
	ZPWT12-01P	12	PT 1/8	7.5	58.8	19	
	ZPWT12-02P	12	PT 1/4	9.5	60.8	19	
	ZPWT12-03P	12	PT 3/8	10.5	61.8	19	
	ZPWT12-04P	12	PT 1/2	13.5	64.8	21	
	ZPWT14-02P	14	PT 1/4	9.5	64.4	24	
	ZPWT14-03P	14	PT 3/8	10.5	65.4	24	
	ZPWT14-04P	14	PT 1/2	13.5	68.4	24	
	ZPWT16-02P	16	PT 1/4	9.5	67.5	24	
	ZPWT16-03P	16	PT 3/8	10.5	68.5	24	
	ZPWT16-04P	16	PT 1/2	13.5	71.5	24	


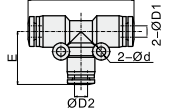
ZPY	Model	D	A	d	Main Dimension
	ZPY04	4	35.6	3.2	
	ZPY06	6	37.2	3.2	
	ZPY08	8	40	3.2	
	ZPY10	10	50.1	4.2	
	ZPY12	12	52.6	4.2	
	ZPY14	14	55.5	4.2	
	ZPY16	16	58.8	5.1	


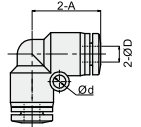
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	ZPE04	4	18.7	3.2	
	ZPE06	6	19.5	3.2	
	ZPE08	8	22.6	3.2	
	ZPE10	10	28.5	4.2	
	ZPE12	12	29.3	4.2	
	ZPE14	14	29.8	4.2	
	ZPE16	16	31.9	5.1	


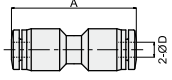
ZPEW	Model	D1	D2	E	L	d	Main Dimension
	ZPEW06-04	6	4	19.1	38	3.2	
	ZPEW08-04	8	4	22.5	43.9	3.2	
	ZPEW08-06	8	6	22.5	44	3.2	
	ZPEW10-06	10	6	27.9	54.1	4.2	
	ZPEW10-08	10	8	27.9	55	4.2	
	ZPEW12-08	12	8	29.3	57	4.2	
	ZPEW12-10	12	10	29.3	57.8	4.2	
	ZPEW16-12	16	12	32.5	63.6	4.2	


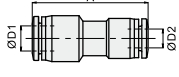
ZPM	Model	D	R	S	L	Main Dimension
	ZPM04	4	M12X1	17	33	
	ZPM06	6	M14X1	17	38	
	ZPM08	8	M16X1	19	40	
	ZPM10	10	M20X1	24	46	
	ZPM12	12	M22X1	27	46	


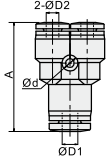
## Metric tubing

ZPEG	Model	D1	D2	E	L	d	Main Dimension
 <p>Φ D1 Φ D2 D1&gt;D2</p>	ZPEG06-04	6	4	19	38.1	3.2	
	ZPEG08-04	8	4	22	44.9	3.2	
	ZPEG08-06	8	6	22.1	44.9	3.2	
	ZPEG10-06	10	6	27.1	55.8	4.2	
	ZPEG10-08	10	8	27.5	55.8	4.2	
	ZPEG12-10	12	10	28.9	58.6	4.2	

ZPV	Model	D	A	d	Main Dimension
 <p>Φ D</p>	ZPV04	4	17.7	3.2	
	ZPV06	6	19.2	3.2	
	ZPV08	8	22.6	3.2	
	ZPV10	10	27.8	4.2	
	ZPV12	12	29.3	4.2	
	ZPV14	14	30.6	4.2	
	ZPV16	16	33.3	5.1	

ZPU	Model	D	A	Main Dimension
 <p>Φ D</p>	ZPU04	4	33.4	
	ZPU06	6	35.6	
	ZPU08	8	38.7	
	ZPU10	10	48.2	
	ZPU12	12	48.6	
	ZPU14	14	48.2	
	ZPU16	16	49.6	

ZPG	Model	D1	D2	A	Main Dimension
 <p>Φ D1 D1&gt;D2 Φ D2</p>	ZPG06-04	6	4	35.4	
	ZPG08-04	8	4	37.8	
	ZPG08-06	8	6	37.8	
	ZPG10-06	10	6	42.8	
	ZPG10-08	10	8	42.8	
	ZPG12-08	12	8	48.5	
	ZPG12-10	12	10	48.5	

ZPW	Model	D1	D2	A	d	Main Dimension
 <p>Φ D1 D1&gt;D2 Φ D2</p>	ZPW06-04	6	4	36	3.2	
	ZPW08-04	8	4	39	3.2	
	ZPW08-06	8	6	39	3.2	
	ZPW10-06	10	6	49	4.2	
	ZPW10-08	10	8	49	4.2	
	ZPW12-10	12	10	53	4.2	

## ◎ Metric tubing-G thread

ZPC	Model	D	R	A	B	S1	S2	Main Dimension
	ZPC04-01G	4	G1/8	5	19.2	12	3	
	ZPC04-02G	4	G1/4	6.5	18.2	17	3	
	ZPC06-01G	6	G1/8	5	20.1	12	4	
	ZPC06-02G	6	G1/4	6.5	21.1	17	4	
	ZPC06-03G	6	G3/8	7	20.6	20	4	
	ZPC06-04G	6	G1/2	10	23.1	24	4	
	ZPC08-01G	8	G1/8	5	25.4	14	5	
	ZPC08-02G	8	G1/4	6.5	22.9	17	5	
	ZPC08-03G	8	G3/8	7	22.4	20	6	
	ZPC08-04G	8	G1/2	10	23.4	24	6	
	ZPC10-01G	10	G1/8	5	27.8	17	5	
	ZPC10-02G	10	G1/4	6.5	29.3	17	6	
	ZPC10-03G	10	G3/8	7	26	20	8	
	ZPC10-04G	10	G1/2	10	26	24	8	
	ZPC12-01G	12	G1/8	5	30.5	20	5	
	ZPC12-02G	12	G1/4	6.5	32	20	6	
	ZPC12-03G	12	G3/8	7	30	20	8	
	ZPC12-04G	12	G1/2	10	31	24	8	
	ZPC14-02G	14	G1/4	6.5	32.1	22	-	
	ZPC14-03G	14	G3/8	7	32.6	22	-	
	ZPC14-04G	14	G1/2	10	35.6	24	-	
	ZPC16-02G	16	G1/4	6.5	34	24	-	
	ZPC16-03G	16	G3/8	7	34	24	-	
	ZPC16-04G	16	G1/2	10	37	24	-	

ZPOC	Model	D	R	A	B	P	S	Main Dimension
	ZPOC04-01G	4	G1/8	5	19.2	12	3	
	ZPOC04-02G	4	G1/4	6.5	18.2	17	3	
	ZPOC06-01G	6	G1/8	5	20.1	12	4	
	ZPOC06-02G	6	G1/4	6.5	21.1	17	4	
	ZPOC06-03G	6	G3/8	7	20.6	20	4	
	ZPOC06-04G	6	G1/2	10	23.1	24	4	
	ZPOC08-01G	8	G1/8	5	25.4	14	5	
	ZPOC08-02G	8	G1/4	6.5	22.9	17	5	
	ZPOC08-03G	8	G3/8	7	22.4	20	6	
	ZPOC08-04G	8	G1/2	10	23.4	24	6	
	ZPOC10-01G	10	G1/8	5	27.8	17	5	
	ZPOC10-02G	10	G1/4	6.5	29.3	17	6	
	ZPOC10-03G	10	G3/8	7	26	20	8	
	ZPOC10-04G	10	G1/2	10	26	24	8	
	ZPOC12-01G	12	G1/8	5	30.5	20	5	
	ZPOC12-02G	12	G1/4	6.5	32	20	6	
	ZPOC12-03G	12	G3/8	7	30	20	8	
	ZPOC12-04G	12	G1/2	10	31	24	8	

## Metric tubing-G thread

ZPD	Model	D	R	A	B	C	S	Main Dimension
	ZPD04-01G	4	G1/8	5	23.5	18.7	12	
	ZPD04-02G	4	G1/4	6.5	25	18.7	17	
	ZPD06-01G	6	G1/8	5	24	19.5	12	
	ZPD06-02G	6	G1/4	6.5	25.5	19.5	17	
	ZPD06-03G	6	G3/8	7	26	19.5	20	
	ZPD06-04G	6	G1/2	10	30	19.5	24	
	ZPD08-01G	8	G1/8	5	27	22.6	14	
	ZPD08-02G	8	G1/4	6.5	28.5	22.6	17	
	ZPD08-03G	8	G3/8	7	29	22.6	20	
	ZPD08-04G	8	G1/2	10	33	22.6	24	
	ZPD10-01G	10	G1/8	5	32	28.5	17	
	ZPD10-02G	10	G1/4	6.5	33.5	28.5	17	
	ZPD10-03G	10	G3/8	7	34	28.5	20	
	ZPD10-04G	10	G1/2	10	38	28.5	24	
	ZPD12-01G	12	G1/8	5	33	29.3	19	
	ZPD12-02G	12	G1/4	6.5	34.5	29.3	19	
	ZPD12-03G	12	G3/8	7	35	29.3	20	
	ZPD12-04G	12	G1/2	10	39	29.3	24	
	ZPD14-02G	14	G1/4	6.5	35.7	29.8	22	
	ZPD14-03G	14	G3/8	7	36.2	29.8	22	
	ZPD14-04G	14	G1/2	10	39.2	29.8	24	
	ZPD16-02G	16	G1/4	6.5	37.6	31.9	24	
	ZPD16-03G	16	G3/8	7	38.1	31.9	24	
	ZPD16-04G	16	G1/2	10	41.1	31.9	24	



ZPB	Model	D	R	A	B	C	S	Main Dimension
	ZPB04-01G	4	G1/8	5	23.5	18.7	12	
	ZPB04-02G	4	G1/4	6.5	25	18.7	17	
	ZPB06-01G	6	G1/8	5	24	19.5	12	
	ZPB06-02G	6	G1/4	6.5	25.5	19.5	17	
	ZPB06-03G	6	G3/8	7	26	19.5	20	
	ZPB06-04G	6	G1/2	10	30	19.5	24	
	ZPB08-01G	8	G1/8	5	27	22.6	14	
	ZPB08-02G	8	G1/4	6.5	28.5	22.6	17	
	ZPB08-03G	8	G3/8	7	29	22.6	20	
	ZPB08-04G	8	G1/2	10	33	22.6	24	
	ZPB10-01G	10	G1/8	5	32	28.5	17	
	ZPB10-02G	10	G1/4	6.5	33.5	28.5	17	
	ZPB10-03G	10	G3/8	7	34	28.5	20	
	ZPB10-04G	10	G1/2	10	38	28.5	24	
	ZPB12-01G	12	G1/8	5	33	29.3	19	
	ZPB12-02G	12	G1/4	6.5	34.5	29.3	19	
	ZPB12-03G	12	G3/8	7	35	29.3	20	
	ZPB12-04G	12	G1/2	10	39	29.3	24	
	ZPB14-02G	14	G1/4	6.5	35.7	29.8	22	
	ZPB14-03G	14	G3/8	7	36.2	29.8	22	
	ZPB14-04G	14	G1/2	10	39.2	29.8	24	
	ZPB16-02G	16	G1/4	6.5	37.6	31.9	24	
	ZPB16-03G	16	G3/8	7	38.1	31.9	24	
	ZPB16-04G	16	G1/2	10	41.1	31.9	24	



ZPCF	Model	D	R	A	B	S	Main Dimension
	ZPCF04-01G	4	G1/8	8	24.7	12	
	ZPCF04-02G	4	G1/4	11	27.7	17	
	ZPCF06-01G	6	G1/8	8	25.2	12	
	ZPCF06-02G	6	G1/4	11	28.2	17	
	ZPCF06-03G	6	G3/8	12	29.2	20	
	ZPCF06-04G	6	G1/2	14	31.2	24	
	ZPCF08-01G	8	G1/8	8	26.9	14	
	ZPCF08-02G	8	G1/4	11	29.9	17	
	ZPCF08-03G	8	G3/8	12	30.9	20	
	ZPCF08-04G	8	G1/2	14	32.9	24	
	ZPCF10-01G	10	G1/8	8	29.9	17	
	ZPCF10-02G	10	G1/4	11	32.9	17	
	ZPCF10-03G	10	G3/8	12	33.9	20	
	ZPCF10-04G	10	G1/2	14	35.9	24	
	ZPCF12-01G	12	G1/8	8	31.5	20	
	ZPCF12-02G	12	G1/4	11	34.5	20	
	ZPCF12-03G	12	G3/8	12	35.5	20	
	ZPCF12-04G	12	G1/2	14	37.5	24	
	ZPCF14-02G	14	G1/4	11	36	22	
	ZPCF14-03G	14	G3/8	12	37	22	
	ZPCF14-04G	14	G1/2	14	39	24	
	ZPCF16-02G	16	G1/4	11	36	24	
	ZPCF16-03G	16	G3/8	12	37	24	
	ZPCF16-04G	16	G1/2	14	39	24	



## ◎ Metric tubing-G thread

ZPWT	Model	D	R	A	B	S	Main Dimension
	ZPWT04-01G	4	G1/8	5	40.4	12	
	ZPWT04-02G	4	G1/4	6.5	41.9	17	
	ZPWT06-01G	6	G1/8	5	41.7	12	
	ZPWT06-02G	6	G1/4	6.5	43.2	17	
	ZPWT06-03G	6	G3/8	7	43.7	20	
	ZPWT06-04G	6	G1/2	10	46.7	24	
	ZPWT08-01G	8	G1/8	5	44.3	14	
	ZPWT08-02G	8	G1/4	6.5	45.8	17	
	ZPWT08-03G	8	G3/8	7	46.8	20	
	ZPWT08-04G	8	G1/2	10	49.8	24	
	ZPWT10-01G	10	G1/8	5	53.6	17	
	ZPWT10-02G	10	G1/4	6.5	55.1	17	
	ZPWT10-03G	10	G3/8	7	55.6	20	
	ZPWT10-04G	10	G1/2	10	58.6	24	
	ZPWT12-01G	12	G1/8	5	56.3	19	
	ZPWT12-02G	12	G1/4	6.5	57.8	19	
	ZPWT12-03G	12	G3/8	7	58.3	20	
	ZPWT12-04G	12	G1/2	10	61.3	24	
	ZPWT14-02G	14	G1/4	6.5	61.4	22	
	ZPWT14-03G	14	G3/8	7	61.9	22	
	ZPWT14-04G	14	G1/2	10	64.9	24	
	ZPWT16-02G	16	G1/4	6.5	64.5	24	
	ZPWT16-03G	16	G3/8	7	65	24	
	ZPWT16-04G	16	G1/2	10	68	24	



ZPL	Model	D	R	A	B	C	S	Main Dimension
	ZPL04-01G	4	G1/8	5	21.5	17.7	12	
	ZPL04-02G	4	G1/4	6.5	24	17.7	17	
	ZPL06-01G	6	G1/8	5	24	19.2	12	
	ZPL06-02G	6	G1/4	6.5	26	19.2	17	
	ZPL06-03G	6	G3/8	7	27	19.2	20	
	ZPL06-04G	6	G1/2	10	30.5	19.2	24	
	ZPL08-01G	8	G1/8	5	27	22.6	14	
	ZPL08-02G	8	G1/4	6.5	28.5	22.6	17	
	ZPL08-03G	8	G3/8	7	29.5	22.6	20	
	ZPL08-04G	8	G1/2	10	33	22.6	24	
	ZPL10-01G	10	G1/8	5	31.8	27.8	17	
	ZPL10-02G	10	G1/4	6.5	33.3	27.8	17	
	ZPL10-03G	10	G3/8	7	33.8	27.8	20	
	ZPL10-04G	10	G1/2	10	37.3	27.8	24	
	ZPL12-01G	12	G1/8	5	34.5	29.3	19	
	ZPL12-02G	12	G1/4	6.5	36	29.3	19	
	ZPL12-03G	12	G3/8	7	36.5	29.3	20	
	ZPL12-04G	12	G1/2	10	39.5	29.3	24	
	ZPL14-02G	14	G1/4	6.5	36.5	30.6	22	
	ZPL14-03G	14	G3/8	7	37	30.6	22	
	ZPL14-04G	14	G1/2	10	40	30.6	24	
	ZPL16-02G	16	G1/4	6.5	39	33.3	24	
	ZPL16-03G	16	G3/8	7	39.5	33.3	24	
	ZPL16-04G	16	G1/2	10	42.5	33.3	24	



ZPLL	Model	D	R	A	B	C	S	Main Dimension
	ZPLL04-01G	4	G1/8	5	33.5	17.7	12	
	ZPLL04-02G	4	G1/4	6.5	36.5	17.7	17	
	ZPLL06-01G	6	G1/8	5	37.2	19.2	12	
	ZPLL06-02G	6	G1/4	6.5	39.2	19.2	17	
	ZPLL06-03G	6	G3/8	7	40.2	19.2	20	
	ZPLL06-04G	6	G1/2	10	43.7	19.2	24	
	ZPLL08-01G	8	G1/8	5	40.5	22.6	14	
	ZPLL08-02G	8	G1/4	6.5	42.5	22.6	17	
	ZPLL08-03G	8	G3/8	7	43.5	22.6	20	
	ZPLL08-04G	8	G1/2	10	47	22.6	24	
	ZPLL10-01G	10	G1/8	5	51.8	27.8	17	
	ZPLL10-02G	10	G1/4	6.5	53.3	27.8	17	
	ZPLL10-03G	10	G3/8	7	53.8	27.8	20	
	ZPLL10-04G	10	G1/2	10	57.3	27.8	24	
	ZPLL12-02G	12	G1/4	6.5	58.5	29.3	19	
	ZPLL12-03G	12	G3/8	7	59	29.3	20	
	ZPLL12-04G	12	G1/2	10	62	29.3	24	





## ◎ Metric tubing-G thread

ZPLF	Model	D	R	A	B	C	S	Main Dimension
	ZPLF04-01G	4	G1/8	8	23.5	17.7	12	
	ZPLF04-02G	4	G1/4	11	26.5	17.7	17	
	ZPLF06-01G	6	G1/8	8	24.7	19.2	12	
	ZPLF06-02G	6	G1/4	11	27.7	19.2	17	
	ZPLF06-03G	6	G3/8	12	28.7	19.2	20	
	ZPLF06-04G	6	G1/2	14	30.7	19.2	24	
	ZPLF08-01G	8	G1/8	8	28	22.6	14	
	ZPLF08-02G	8	G1/4	11	31	22.6	17	
	ZPLF08-03G	8	G3/8	12	32	22.6	20	
	ZPLF08-04G	8	G1/2	14	34	22.6	24	
	ZPLF10-01G	10	G1/8	8	32.3	27.8	17	
	ZPLF10-02G	10	G1/4	11	35.3	27.8	17	
	ZPLF10-03G	10	G3/8	12	36.3	27.8	20	
	ZPLF10-04G	10	G1/2	14	38.3	27.8	24	
	ZPLF12-02G	12	G1/4	11	37.5	29.3	20	
	ZPLF12-03G	12	G3/8	12	38.5	29.3	20	
	ZPLF12-04G	12	G1/2	14	41	29.3	24	
	ZPLF14-02G	14	G1/4	11	38	30.6	22	
	ZPLF14-03G	14	G3/8	12	39	30.6	22	
	ZPLF14-04G	14	G1/2	14	41	30.6	24	
	ZPLF16-02G	16	G1/4	11	41.5	33.3	24	
	ZPLF16-03G	16	G3/8	12	42.5	33.3	24	
	ZPLF16-04G	16	G1/2	14	44.5	33.3	24	



ZPMF	Model	D	R	M	A	B1	B2	S1	S2	Main Dimension
	ZPMF04-01G	4	G1/8	M12	8	24.7	9.5	14	14	
	ZPMF04-02G	4	G1/4	M12	11	27.7	12.5	17	14	
	ZPMF06-01G	6	G1/8	M14	8	27.4	10	17	17	
	ZPMF06-02G	6	G1/4	M14	11	30.4	13	17	17	
	ZPMF06-03G	6	G3/8	M14	12	31.4	14	20	17	
	ZPMF08-01G	8	G1/8	M16	8	31.9	10	19	19	
	ZPMF08-02G	8	G1/4	M16	11	34.9	13	19	19	
	ZPMF08-03G	8	G3/8	M16	12	35.9	14	21	19	
	ZPMF08-04G	8	G1/2	M16	14	37.9	16	24	19	
	ZPMF10-01G	10	G1/8	M20	8	33	11	24	24	
	ZPMF10-02G	10	G1/4	M20	11	36	13	24	24	
	ZPMF10-03G	10	G3/8	M20	12	37	14	24	24	
	ZPMF10-04G	10	G1/2	M20	14	39	16	24	24	
	ZPMF12-01G	12	G1/8	M22	8	34	9	24	27	
	ZPMF12-02G	12	G1/4	M22	11	37	12	24	27	
	ZPMF12-03G	12	G3/8	M22	12	38	13	24	27	
	ZPMF12-04G	12	G1/2	M22	14	40	15	24	27	



## ○ Inch tubing-NPT thread


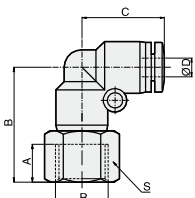
ZPC	Model	D(Inch)	R	A	B	S1(Inch)	S2(Inch)	Main Dimension
	ZPC5/32-01T	5/32	NPT1/8	7.5	20.2	7/16	3/32	
	ZPC5/32-02T	5/32	NPT1/4	9.5	18.5	9/16	3/32	
	ZPC1/4-01T	1/4	NPT1/8	7.5	21.1	1/2	5/32	
	ZPC1/4-02T	1/4	NPT1/4	9.5	22.1	9/16	5/32	
	ZPC1/4-03T	1/4	NPT3/8	10.5	21.1	11/16	5/32	
	ZPC1/4-04T	1/4	NPT1/2	13.5	24.1	7/8	5/32	
	ZPC5/16-01T	5/16	NPT1/8	7.5	26.4	9/16	3/16	
	ZPC5/16-02T	5/16	NPT1/4	9.5	23.9	9/16	7/32	
	ZPC5/16-03T	5/16	NPT3/8	10.5	21.9	11/16	7/32	
	ZPC5/16-04T	5/16	NPT1/2	13.5	24.4	7/8	7/32	
	ZPC3/8-01T	3/8	NPT1/8	7.5	29.5	11/16	3/16	
	ZPC3/8-02T	3/8	NPT1/4	9.5	30.8	11/16	7/32	
	ZPC3/8-03T	3/8	NPT3/8	10.5	27.7	11/16	5/16	
	ZPC3/8-04T	3/8	NPT1/2	13.5	25.5	7/8	5/16	
	ZPC1/2-01T	1/2	NPT1/8	7.5	32	7/8	3/16	
	ZPC1/2-02T	1/2	NPT1/4	9.5	34	7/8	1/4	
	ZPC1/2-03T	1/2	NPT3/8	10.5	30	7/8	5/16	
	ZPC1/2-04T	1/2	NPT1/2	13.5	29	7/8	5/16	


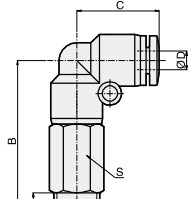
ZPCF	Model	D(Inch)	R	A	B	S(Inch)	Main Dimension
	ZPCF5/32-01T	5/32	NPT1/8	8	24.7	9/16	
	ZPCF5/32-02T	5/32	NPT1/4	11	27.7	11/16	
	ZPCF1/4-01T	1/4	NPT1/8	8	25.2	9/16	
	ZPCF1/4-02T	1/4	NPT1/4	11	28.2	11/16	
	ZPCF1/4-03T	1/4	NPT3/8	12	29.2	7/8	
	ZPCF1/4-04T	1/4	NPT1/2	14	31.2	1	
	ZPCF5/16-01T	5/16	NPT1/8	8	26.9	9/16	
	ZPCF5/16-02T	5/16	NPT1/4	11	29.9	11/16	
	ZPCF5/16-03T	5/16	NPT3/8	12	30.9	7/8	
	ZPCF5/16-04T	5/16	NPT1/2	14	32.9	1	
	ZPCF3/8-01T	3/8	NPT1/8	8	29.9	11/16	
	ZPCF3/8-02T	3/8	NPT1/4	11	32.9	11/16	
	ZPCF3/8-03T	3/8	NPT3/8	12	33.9	7/8	
	ZPCF3/8-04T	3/8	NPT1/2	14	35.9	1	
	ZPCF1/2-01T	1/2	NPT1/8	8	31.5	7/8	
	ZPCF1/2-02T	1/2	NPT1/4	11	34.5	7/8	
	ZPCF1/2-03T	1/2	NPT3/8	12	35.5	7/8	
	ZPCF1/2-04T	1/2	NPT1/2	14	37.5	1	


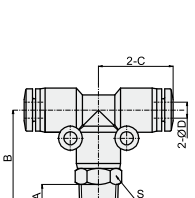
ZPOC	Model	D(Inch)	R	A	B	P	S(Inch)	Main Dimension
	ZPOC5/32-01T	5/32	NPT1/8	7.5	20.2	11	3/32	
	ZPOC5/32-02T	5/32	NPT1/4	9.5	18.5	14	3/32	
	ZPOC1/4-01T	1/4	NPT1/8	7.5	21.1	12.7	5/32	
	ZPOC1/4-02T	1/4	NPT1/4	9.5	22.1	14	5/32	
	ZPOC1/4-03T	1/4	NPT3/8	10.5	21.1	17.5	5/32	
	ZPOC1/4-04T	1/4	NPT1/2	13.5	24.1	22	5/32	
	ZPOC5/16-01T	5/16	NPT1/8	7.5	26.4	14	3/16	
	ZPOC5/16-02T	5/16	NPT1/4	9.5	23.9	14	7/32	
	ZPOC5/16-03T	5/16	NPT3/8	10.5	21.9	17.5	7/32	
	ZPOC5/16-04T	5/16	NPT1/2	13.5	24.4	22	7/32	
	ZPOC3/8-01T	3/8	NPT1/8	7.5	29.5	17	3/16	
	ZPOC3/8-02T	3/8	NPT1/4	9.5	30.8	17	7/32	
	ZPOC3/8-03T	3/8	NPT3/8	10.5	27.7	17.5	5/16	
	ZPOC3/8-04T	3/8	NPT1/2	13.5	25.5	22	5/16	
	ZPOC1/2-01T	1/2	NPT1/8	7.5	32	22	3/16	
	ZPOC1/2-02T	1/2	NPT1/4	9.5	34	22	1/4	
	ZPOC1/2-03T	1/2	NPT3/8	10.5	30	22	5/16	
	ZPOC1/2-04T	1/2	NPT1/2	13.5	29	22	5/16	


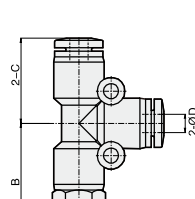
ZPL	Model	D(Inch)	R	A	B	C	S(Inch)	Main Dimension
	ZPL5/32-01T	5/32	NPT1/8	7.5	25	17.7	7/16	
	ZPL5/32-02T	5/32	NPT1/4	9.5	27	17.7	9/16	
	ZPL1/4-01T	1/4	NPT1/8	7.5	26.2	19.2	1/2	
	ZPL1/4-02T	1/4	NPT1/4	9.5	28.2	19.2	9/16	
	ZPL1/4-03T	1/4	NPT3/8	10.5	29.2	19.2	11/16	
	ZPL1/4-04T	1/4	NPT1/2	13.5	32.2	19.2	7/8	
	ZPL5/16-01T	5/16	NPT1/8	7.5	29.5	22.6	9/16	
	ZPL5/16-02T	5/16	NPT1/4	9.5	31.5	22.6	9/16	
	ZPL5/16-03T	5/16	NPT3/8	10.5	32.5	22.6	11/16	
	ZPL5/16-04T	5/16	NPT1/2	13.5	35.5	22.6	7/8	
	ZPL3/8-01T	3/8	NPT1/8	7.5	33.8	27.8	11/16	
	ZPL3/8-02T	3/8	NPT1/4	9.5	35.8	27.8	11/16	
	ZPL3/8-03T	3/8	NPT3/8	10.5	36.8	27.8	11/16	
	ZPL3/8-04T	3/8	NPT1/2	13.5	39.8	27.8	7/8	
	ZPL1/2-01T	1/2	NPT1/8	7.5	35.5	29.3	7/8	
	ZPL1/2-02T	1/2	NPT1/4	9.5	37.5	29.3	7/8	
	ZPL1/2-03T	1/2	NPT3/8	10.5	38.5	29.3	7/8	
	ZPL1/2-04T	1/2	NPT1/2	13.5	41.5	29.3	7/8	

## ◎ Inch tubing-NPT thread

ZPLF	Model	D(Inch)	R	A	B	C	S(Inch)	Main Dimension
	ZPLF5/32-01T	5/32	NPT1/8	8	23.5	17.7	7/16	
	ZPLF5/32-02T	5/32	NPT1/4	11	26.5	17.7	9/16	
	ZPLF1/4-01T	1/4	NPT1/8	8	24.7	19.2	1/2	
	ZPLF1/4-02T	1/4	NPT1/4	11	27.7	19.2	9/16	
	ZPLF1/4-03T	1/4	NPT3/8	12	28.7	19.2	11/16	
	ZPLF1/4-04T	1/4	NPT1/2	14	30.7	19.2	7/8	
	ZPLF5/16-01T	5/16	NPT1/8	8	28	22.6	9/16	
	ZPLF5/16-02T	5/16	NPT1/4	11	31	22.6	9/16	
	ZPLF5/16-03T	5/16	NPT3/8	12	32	22.6	11/16	
	ZPLF5/16-04T	5/16	NPT1/2	14	34	22.6	7/8	
	ZPLF3/8-01T	3/8	NPT1/8	8	32.3	27.8	11/16	
	ZPLF3/8-02T	3/8	NPT1/4	11	35.3	27.8	11/16	
	ZPLF3/8-03T	3/8	NPT3/8	12	36.3	27.8	11/16	
	ZPLF3/8-04T	3/8	NPT1/2	14	38.3	27.8	7/8	
	ZPLF1/2-02T	1/2	NPT1/4	11	37.5	29.3	7/8	
	ZPLF1/2-03T	1/2	NPT3/8	12	38.5	29.3	7/8	
ZPLF1/2-04T	1/2	NPT1/2	14	41	29.3	7/8		

ZPLL	Model	D(Inch)	R	A	B	C	S(Inch)	Main Dimension
	ZPLL5/32-01T	5/32	NPT1/8	7.5	36	17.7	7/16	
	ZPLL5/32-02T	5/32	NPT1/4	9.5	39	17.7	9/16	
	ZPLL1/4-01T	1/4	NPT1/8	7.5	39.7	19.2	1/2	
	ZPLL1/4-02T	1/4	NPT1/4	9.5	42.2	19.2	9/16	
	ZPLL1/4-03T	1/4	NPT3/8	10.5	43.7	19.2	11/16	
	ZPLL1/4-04T	1/4	NPT1/2	13.5	47.2	19.2	7/8	
	ZPLL5/16-01T	5/16	NPT1/8	7.5	43	22.6	9/16	
	ZPLL5/16-02T	5/16	NPT1/4	9.5	45.5	22.6	9/16	
	ZPLL5/16-03T	5/16	NPT3/8	10.5	47	22.6	11/16	
	ZPLL5/16-04T	5/16	NPT1/2	13.5	50.5	22.6	7/8	
	ZPLL3/8-01T	3/8	NPT1/8	7.5	54.3	27.8	11/16	
	ZPLL3/8-02T	3/8	NPT1/4	9.5	56.3	27.8	11/16	
	ZPLL3/8-03T	3/8	NPT3/8	10.5	57.3	27.8	11/16	
	ZPLL3/8-04T	3/8	NPT1/2	13.5	60.8	27.8	7/8	
	ZPLL1/2-02T	1/2	NPT1/4	9.5	61.5	29.3	7/8	
	ZPLL1/2-03T	1/2	NPT3/8	10.5	62.5	29.3	7/8	
ZPLL1/2-04T	1/2	NPT1/2	13.5	65.5	29.3	7/8		


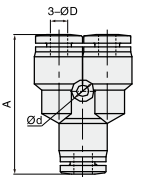
ZPB	Model	D(Inch)	R	A	B	C	S(Inch)	Main Dimension
	ZPB5/32-01T	5/32	NPT1/8	7.5	26	18.7	7/16	
	ZPB5/32-02T	5/32	NPT1/4	9.5	28	18.7	9/16	
	ZPB1/4-01T	1/4	NPT1/8	7.5	26.5	19.5	1/2	
	ZPB1/4-02T	1/4	NPT1/4	9.5	28.5	19.5	9/16	
	ZPB1/4-03T	1/4	NPT3/8	10.5	29.5	19.5	11/16	
	ZPB1/4-04T	1/4	NPT1/2	13.5	34.5	19.5	7/8	
	ZPB5/16-01T	5/16	NPT1/8	7.5	29.5	22.6	9/16	
	ZPB5/16-02T	5/16	NPT1/4	9.5	31.5	22.6	9/16	
	ZPB5/16-03T	5/16	NPT3/8	10.5	32.5	22.6	11/16	
	ZPB5/16-04T	5/16	NPT1/2	13.5	35.5	22.6	7/8	
	ZPB3/8-01T	3/8	NPT1/8	7.5	34.5	28.5	11/16	
	ZPB3/8-02T	3/8	NPT1/4	9.5	36.5	28.5	11/16	
	ZPB3/8-03T	3/8	NPT3/8	10.5	37.5	28.5	11/16	
	ZPB3/8-04T	3/8	NPT1/2	13.5	40.5	28.5	7/8	
	ZPB1/2-01T	1/2	NPT1/8	7.5	35.5	29.3	7/8	
	ZPB1/2-02T	1/2	NPT1/4	9.5	37.5	29.3	7/8	
ZPB1/2-03T	1/2	NPT3/8	10.5	38.5	29.3	7/8		
ZPB1/2-04T	1/2	NPT1/2	13.5	41.5	29.3	7/8		


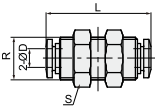
ZPD	Model	D(Inch)	R	A	B	C	S(Inch)	Main Dimension
	ZPD5/32-01T	5/32	NPT1/8	7.5	26	18.7	7/16	
	ZPD5/32-02T	5/32	NPT1/4	9.5	28	18.7	9/16	
	ZPD1/4-01T	1/4	NPT1/8	7.5	26.5	19.5	1/2	
	ZPD1/4-02T	1/4	NPT1/4	9.5	28.5	19.5	9/16	
	ZPD1/4-03T	1/4	NPT3/8	10.5	29.5	19.5	11/16	
	ZPD1/4-04T	1/4	NPT1/2	13.5	34.5	19.5	7/8	
	ZPD5/16-01T	5/16	NPT1/8	7.5	29.5	22.6	9/16	
	ZPD5/16-02T	5/16	NPT1/4	9.5	31.5	22.6	9/16	
	ZPD5/16-03T	5/16	NPT3/8	10.5	32.5	22.6	11/16	
	ZPD5/16-04T	5/16	NPT1/2	13.5	35.5	22.6	7/8	
	ZPD3/8-01T	3/8	NPT1/8	7.5	34.5	28.5	11/16	
	ZPD3/8-02T	3/8	NPT1/4	9.5	36.5	28.5	11/16	
	ZPD3/8-03T	3/8	NPT3/8	10.5	37.5	28.5	11/16	
	ZPD3/8-04T	3/8	NPT1/2	13.5	40.5	28.5	7/8	
	ZPD1/2-01T	1/2	NPT1/8	7.5	35.5	29.3	7/8	
	ZPD1/2-02T	1/2	NPT1/4	9.5	37.5	29.3	7/8	
ZPD1/2-03T	1/2	NPT3/8	10.5	38.5	29.3	7/8		
ZPD1/2-04T	1/2	NPT1/2	13.5	41.5	29.3	7/8		


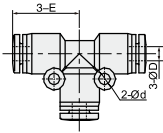
## ○ Inch tubing-NPT thread


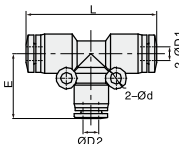
ZPWT	Model	D(Inch)	R	A	B	S(Inch)	Main Dimension
	ZPWT5/32-01T	5/32	NPT1/8	7.5	42.5	7/16	
	ZPWT5/32-02T	5/32	NPT1/4	9.5	45.5	9/16	
	ZPWT1/4-01T	1/4	NPT1/8	7.5	44.2	1/2	
	ZPWT1/4-02T	1/4	NPT1/4	9.5	46.2	9/16	
	ZPWT1/4-03T	1/4	NPT3/8	10.5	47.2	11/16	
	ZPWT1/4-04T	1/4	NPT1/2	13.5	50.2	7/8	
	ZPWT5/16-01T	5/16	NPT1/8	7.5	46.9	9/16	
	ZPWT5/16-02T	5/16	NPT1/4	9.5	48.9	9/16	
	ZPWT5/16-03T	5/16	NPT3/8	10.5	49.9	11/16	
	ZPWT5/16-04T	5/16	NPT1/2	13.5	52.9	7/8	
	ZPWT3/8-01T	3/8	NPT1/8	7.5	56.1	11/16	
	ZPWT3/8-02T	3/8	NPT1/4	9.5	58.1	11/16	
	ZPWT3/8-03T	3/8	NPT3/8	10.5	59.1	11/16	
	ZPWT3/8-04T	3/8	NPT1/2	13.5	62.1	7/8	
	ZPWT1/2-01T	1/2	NPT1/8	7.5	58.8	7/8	
	ZPWT1/2-02T	1/2	NPT1/4	9.5	60.8	7/8	
ZPWT1/2-03T	1/2	NPT3/8	10.5	61.8	7/8		
ZPWT1/2-04T	1/2	NPT1/2	13.5	64.8	7/8		


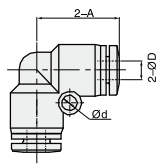
## ◎ Inch tubing


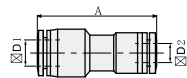
ZPY	Model	D(Inch)	A	d	Main Dimension
 <p>Φ D</p>	ZPY5/32	5/32	35,6	3,2	
	ZPY1/4	1/4	37,2	3,2	
	ZPY5/16	5/16	40	3,2	
	ZPY3/8	3/8	50,1	4,2	
	ZPY1/2	1/2	52,6	4,2	

ZPM	Model	D(Inch)	R	S	L	Main Dimension
 <p>Φ D</p>	ZPM5/32	5/32	M12X1	17	33	
	ZPM1/4	1/4	M14X1	17	38	
	ZPM5/16	5/16	M16X1	19	40	
	ZPM3/8	3/8	M20X1	24	46	
	ZPM1/2	1/2	M22X1	27	46	

ZPE	Model	D(Inch)	E	d	Main Dimension
 <p>Φ D</p>	ZPE5/32	5/32	18,7	3,2	
	ZPE1/4	1/4	19,5	3,2	
	ZPE5/16	5/16	22,6	3,2	
	ZPE3/8	3/8	28,5	4,2	
	ZPE1/2	1/2	29,3	4,2	


ZPEG	Model	D1	D2	E	L	d	Main Dimension
 <p>Φ D1 Φ D2 D1 &gt; D2</p>	ZPEG 1/4-5/32	1/4	5/32	19	38,1	3,2	
	ZPEG 5/16-5/32	5/16	5/32	22	44,9	3,2	
	ZPEG 5/16-1/4	5/16	1/4	22,1	44,9	3,2	
	ZPEG 3/8-1/4	3/8	1/4	27,1	55,8	4,2	
	ZPEG 3/8-5/16	3/8	5/16	27,5	55,8	4,2	
	ZPEG 1/2-3/8	1/2	3/8	28,9	58,6	4,2	

ZPV	Model	D(Inch)	A	d	Main Dimension
 <p>Φ D</p>	ZPV5/32	5/32	17,7	3,2	
	ZPV1/4	1/4	19,2	3,2	
	ZPV5/16	5/16	22,6	3,2	
	ZPV3/8	3/8	27,8	4,2	
	ZPV1/2	1/2	29,3	4,2	

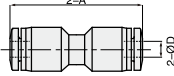
ZPG	Model	D1	D2	A	Main Dimension
 <p>Φ D1 D1 &gt; D2 Φ D2</p>	ZPG 1/4-5/32	1/4	5/32	35,4	
	ZPG 5/16-5/32	5/16	5/32	37,8	
	ZPG 5/16-1/4	5/16	1/4	37,8	
	ZPG 3/8-1/4	3/8	1/4	42,8	
	ZPG 3/8-5/16	3/8	5/16	42,8	
	ZPG 1/2-5/16	1/2	5/16	48,5	
ZPG 1/2-3/8	1/2	3/8	48,5		

## ○ Inch tubing


ZPU	Model	D	A	Main Dimension
	ZPU5/32	5/32	33.4	
ZPU1/4	1/4	35.6		
ZPU5/16	5/16	38.7		
ZPU3/8	3/8	48.2		
ZPU1/2	1/2	48.6		



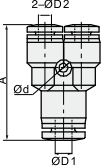
ΦD




ZPW	Model	D1	D2	A	d	Main Dimension
	ZPW1/4-5/32	1/4	5/32	36	3.2	
ZPW5/16-5/32	5/16	5/32	39	3.2		
ZPW5/16-1/4	5/16	1/4	39	3.2		
ZPW3/8-1/4	3/8	1/4	49	4.2		
ZPW3/8-5/16	3/8	5/16	49	4.2		
ZPW1/2-3/8	1/2	3/8	53	4.2		



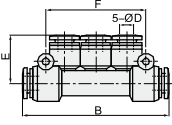
ΦD1  
D1>D2  
ΦD2




ZPK	Model	D(Inch)	B	d	F	E	Main Dimension
	ZPK5/32	5/32	57	3.2	36	19	
ZPK1/4	1/4	61	3.2	42	20.3		
ZPK5/16	5/16	81.6	3.2	48	24.3		
ZPK3/8	3/8	92.7	4.2	60.2	28.2		
ZPK1/2	1/2	100.5	4.2	68.5	30		



ΦD



ZPLJ	Model	D(Inch)	A	L	Main Dimension
	ZPLJ5/32	5/32	17.7	33	
ZPLJ1/4	1/4	19.2	36.2		
ZPLJ5/16	5/16	22.6	42.5		
ZPLJ3/8	3/8	27.8	50.8		
ZPLJ1/2	1/2	29.3	54.5		



ΦD

