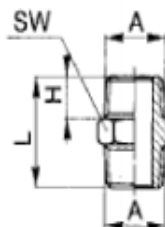
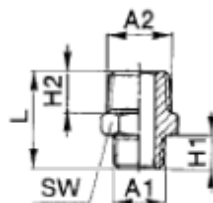


### Male/Male nipple (equal)



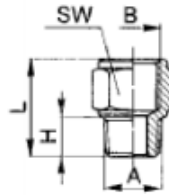
Part number	A	H	L	SW	Thread	Stock
2500-1/8	1/8	7.5	19.5	12	Taper	Kogo
2500-1/4	1/4	11	27	14	Taper	No
2500-3/8	3/8	11.5	28	17	Taper	Kogo
2500-1/2	1/2	14	33.5	22	Taper	No
2500-3/4	3/4	16.5	40	27	Taper	Yes

### Male/Male nipple (Different sizes)



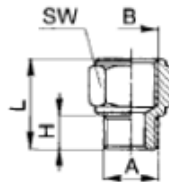
Part number	A1	A2	H1	H2	L	SW	Thread	Stock
2510-M5-1/8	M5	1/8	-	-	-	-	-	Kogo
2510-1/8-1/4	1/8	1/4	7.5	11	23.5	14	Taper	Kogo
2510-1/8-3/8	1/8	3/8	7.5	11.5	24	17	Taper	Kogo
2510-1/4-3/8	1/4	3/8	11	11.5	27.5	17	Taper	Kogo
2510-1/4-1/2	1/4	1/2	11	14	30.5	22	Taper	Kogo
2510-3/8-1/2	3/8	1/2	11.5	14	31	22	Taper	Kogo
2510-1/2-3/4	1/2	3/4	14	16.5	37.5	27	Taper	Kogo

### Male/Female Bush (enlarging)



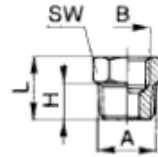
Part number	A	B	H	L	SW	Thread	Stock
2520-1/8-1/8	1/8	1/8	7.5	17.5	14	Taper	Kogo
2520-1/8-1/4	1/8	1/4	7.5	21.5	17	Taper	Kogo
2520-1/8-3/8	1/8	3/8	7.5	22	22	Taper	Kogo
2520-1/4-1/4	1/4	1/4	11	25	17	Taper	Kogo
2520-1/4-3/8	1/4	3/8	11	25.5	22	Taper	Kogo
2520-1/4-1/2	1/4	1/2	11	29	27	Taper	Kogo
2520-3/8-3/8	3/8	3/8	11.5	26	22	Taper	Kogo
2520-3/8-1/2	3/8	1/2	11.5	29.5	27	Taper	Kogo
2520-1/2-1/2	1/2	1/2	14	32	27	Taper	Kogo

### Male/Female Bush (enlarging)



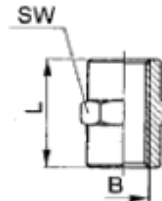
Part number	A	B	H	L	SW	Thread	Stock
2521-M5-1/8	M5	1/8	4	14	14	Parallel	Kogo
2521-1/8-1/8	1/8	1/8	6	16	14	Parallel	Kogo
2521-1/8-1/4	1/8	1/4	6	20	17	Parallel	Kogo
2521-1/8-3/8	1/8	3/8	6	20.5	22	Parallel	Kogo
2521-1/4-1/4	1/4	1/4	8	22	17	Parallel	Kogo
2521-1/4-3/8	1/4	3/8	8	22.5	22	Parallel	Kogo
2521-1/4-1/2	1/4	1/2	8	26	27	Parallel	Kogo
2521-3/8-3/8	3/8	3/8	9	23.5	22	Parallel	Kogo
2521-3/8-1/2	3/8	1/2	9	27	27	Parallel	Kogo
2521-1/2-1/2	1/2	1/2	10	28	27	Parallel	Kogo

### Male/Female Bush (Reducing)



Part number	A	B	H	L	SW	Thread	Stock
2530-1/4-1/8	1/4	1/8	11	16	14	Taper	Kogo
2530-3/8-1/8	3/8	1/8	11.5	16.5	17	Taper	Kogo
2530-1/2-1/8	1/2	1/8	14	19.5	22	Taper	Kogo
2530-3/8-1/4	3/8	1/4	11.5	16.5	17	Taper	Kogo
2530-1/2-1/4	1/2	1/4	14	19.5	22	Taper	Kogo
2530-1/2-3/8	1/2	3/8	14	19.5	22	Taper	Kogo
2530-3/4-1/2	3/4	1/2	16.5	23.5	27	Taper	Yes

### Female/Female union (equal)



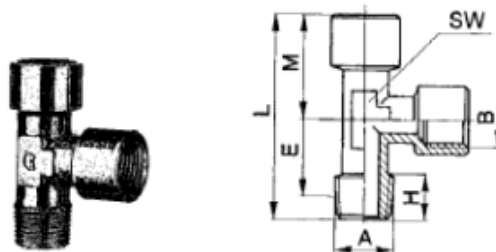
Part number	B	L	SW	Thread	Stock
2543-M5	M5	11	8	Parallel	Kogo
2543-1/8	1/8	15	14	Parallel	Kogo
2543-1/4	1/4	22	17	Parallel	Kogo
2543-3/8	3/8	24	22	Parallel	Kogo
2543-1/2	1/2	30	27	Parallel	Kogo

## Plug



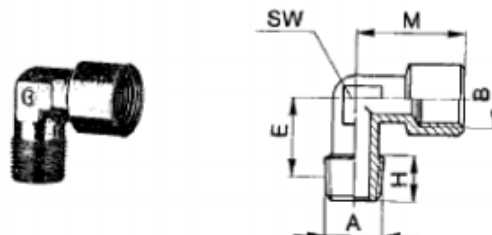
Part number	A	H	L	SW	Thread	Stock
2611-M5	M5	4	7.5	8	Parallel	Kogo
2611-1/8	1/8	6	10.5	14	Parallel	Kogo
2611-1/4	1/4	8	13	17	Parallel	Kogo
2611-3/8	3/8	9	14	19	Parallel	Kogo
2611-1/2	1/2	10	15.5	24	Parallel	Yes

## Female/male equal T



Part No	A	B	E	H	L	M	SW	Thread	Stock
2070-1/8	1/8	1/8	15	7.5	39.5	21	12	Taper	Kogo
2070-1/4	1/4	1/4	19	11	49.5	25.5	14	Taper	Kogo
2070-3/8	3/8	3/8	19.5	11.5	53	28	16	Taper	Kogo
2070-1/2	1/2	1/2	23	14	63	33	21	Taper	Kogo

## Male/female equal elbow



Part No	A	B	E	H	L	SW	Thread	Stock
2021-M5-M5	M5	M5	9	4	11	9	Parallel	Kogo
2020-1/8	1/8	1/8	15	7.5	21	12	Taper	Kogo
2020-1/4	1/4	1/4	19	11	25.5	14	Taper	Kogo
2020-3/8	3/8	3/8	19.5	11.5	28	16	Taper	Kogo
2020-1/2	1/2	1/2	23	14	33	21	Taper	Kogo