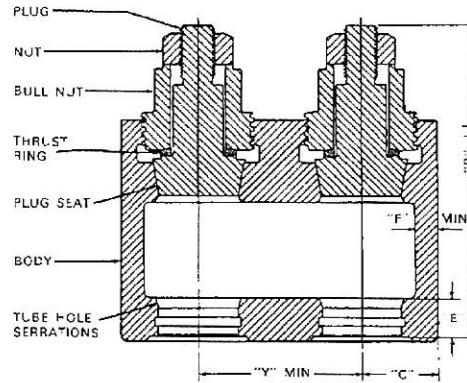


# Key type 7200

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For Welding Type fittings see page 9.

A fitting designed specifically for those operators who prefer a plug assembly with a circular holding member in a full 360° threaded top for all requirements. This fitting is admirably suited for low or moderate combinations of temperature and pressure.

## DIMENSIONS (inches)

The dimensions on these charts are standard.

Any deviation will alter the operating limitations and require special designing throughout. The designs provide for large plugs  $\frac{1}{8}$ " (3.2mm) larger than the O.D. of the tubes except in the 500 lb. series where the plugs are  $\frac{3}{8}$ " (9.5mm) smaller than the O.D. of the tubes. Fittings larger than 6" (152mm) in 1700 lb. series, and larger than 5" (127mm) in 2000 lb. series cannot be made with large plugs for the pressures and temperatures shown on the chart, page 17.

It is important to check the metal thickness of the fittings at the tube hole section, if the tubes used are heavier than the maximum indicated below.

**Note:** Any increase in dimension E, or the addition of a tube stop, must be added to dimension B.

**IMPORTANT:** The 500 lb. series fittings are only equipped with small plugs. Certain limitations must be applied in regard to the maximum tube I.D.'s as follows:

Fitting size

3"	3½"	4"	4½"	5"	5½"/5⅞"	6"	6⅝"
mm 76	89	102	114	127	140/141	152	168

Max. tube I.D.

2⅝"	3⅝"	3½"	4"	4⅝"	5⅞"	5⅝"	6¼"
mm 66	79	89	102	117	130	143	156

### 500 LB. SERIES

SIZE	Y	B	C	E	F	PLUG SM. DIA.	*MAX. TUBE WALL
2½	4½	9	2⅞	1½	½	2⅞	⅜
3	5	11⅞	2⅞	1½	½	2⅞	⅜
3½	5½	12⅞	2⅞	1½	½	3⅞	⅜
4	6	14⅞	2⅞	1½	½	3⅞	⅜
4½	6⅝	15⅞	3⅞	1½	½	4⅞	⅜
5	7⅝	15⅞	3⅞	1½	½	4⅞	⅜
5½	7⅞	17⅞	3⅞	1½	½	5⅞	⅜
6	8½	18⅞	3⅞	2	½	5⅞	⅜
6⅝	8⅞	19⅞	4⅞	2½	½	6⅞	⅜

### 850 LB. SERIES

2	4	9⅞	1⅞	1	½	2⅞	⅜
2½	4½	10⅞	2⅞	1½	½	2⅞	⅜
3	5	11⅞	2⅞	1½	½	3⅞	⅜
3½	5½	13⅞	2⅞	1½	½	3⅞	⅜
4	6	14⅞	2⅞	1½	½	4⅞	⅜
4½	6⅝	15⅞	3⅞	1½	½	4⅞	⅜
5	7	16⅞	3⅞	1½	½	5⅞	⅜
5½	7⅝	17⅞	3⅞	1½	½	5⅞	⅜
6	8	18⅞	4⅞	2	½	6⅞	⅜
6⅝	8⅝	19⅞	4⅞	2½	½	6⅞	⅜

\*"Maximum tube wall" is the recommended maximum wall thickness of tubes that can be rolled into fittings without setting up excessive stresses in the tube hole area. If heavier wall tubes are to be used, additional

### 1275 LB. SERIES

SIZE	Y	B	C	E	F	PLUG SM. DIA.	*MAX. TUBE WALL
2	4½	10⅞	1⅞	1½	⅝	2⅞	⅜
2½	4⅞	11⅞	2⅞	1⅝	⅞	2⅞	⅜
3	5½	12⅞	2⅞	1½	⅞	3⅞	⅜
3½	6⅞	13⅞	2⅞	1⅝	⅞	3⅞	⅜
4	6⅞	14⅞	3⅞	1¾	⅞	4⅞	⅜
4½	7⅞	15⅞	3⅞	1⅝	⅞	4⅞	⅜
5	8	16⅞	3⅞	2	1	5⅞	⅜
5½	8⅝	17⅞	4⅞	2½	1⅞	5⅞	⅜
6	9¼	18⅞	4⅞	2½	1⅞	6⅞	⅜
6⅝	10	19⅞	4⅞	2⅝	1⅞	6⅞	⅜

### 1700 LB. SERIES

2	4½	10⅞	2⅞	1½	⅞	2⅞	⅜
2½	5⅞	11⅞	2⅞	1⅝	⅞	2⅞	⅜
3	5⅞	12⅞	2⅞	1½	⅞	3⅞	⅜
3½	6⅞	13⅞	3⅞	1¾	1	3⅞	⅜
4	7⅞	14⅞	3⅞	2	1⅞	4⅞	⅜
4½	7⅞	15⅞	3⅞	2⅞	1⅞	4⅞	⅜
5	8½	17⅞	4⅞	2½	1⅞	5⅞	⅜
5½	9⅞	17⅞	4⅞	2⅝	1⅞	5⅞	⅜
6	9¼	19⅞	4⅞	2½	1⅞	6⅞	⅜

### 2000 LB. SERIES

2	4⅞	10⅞	2⅞	1¾	⅞	2⅞	⅜
2½	5⅞	11⅞	2⅞	1¾	1	2⅞	⅜
3	6⅞	12⅞	2⅞	2	1⅞	3⅞	⅜
3½	7	13⅞	3⅞	2	1⅞	3⅞	⅜
4	7⅞	15⅞	3⅞	2½	1⅞	4⅞	⅜
4½	8½	15⅞	4	2⅝	1⅞	4⅞	⅜
5	9¼	17⅞	4⅞	2½	1⅞	5⅞	⅜

metal must be added to the tube rolling section or a heavier series selected, increasing the minimum centres in either case. Consult L & E