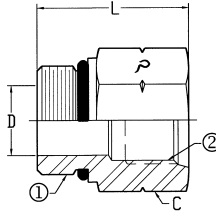


# O-Ring Boss Fittings

**PRESSURE CONNECTIONS CORP.**

## 6410

### ORB Reducer-Expander (Optional Step Shown)



#### SAE J514

Ref. Aeroquip FF1010  
Ref. Parker F50G5 / O510  
Ref. Weatherhead 7033

6410-①-② ①-MB ②-FB	① Male ORB	② Female ORB	C Hex	D Drill (max.)	L Length	Operating Pressure
6410-04-04 •	7/16 - 20	7/16 - 20	11/16	0.172	1.08	4,500
6410-04-06 • Expander	7/16 - 20	9/16 - 18	3/4	0.172	1.26	4,500
6410-06-04	9/16 - 18	7/16 - 20	11/16	0.297	1.05	4,500
6410-06-06 •	9/16 - 18	9/16 - 18	13/16	0.297	1.16	4,500
6410-06-08 • Expander	9/16 - 18	3/4 - 16	1"	0.297	1.28	4,000
6410-08-04	3/4 - 16	7/16 - 20	7/8	0.391	0.79	4,500
6410-08-06	3/4 - 16	9/16 - 18	7/8	0.391	1.19	4,500
6410-08-08 •	3/4 - 16	3/4 - 16	1"	0.391	1.40	4,000
6410-08-10 • Expander	3/4 - 16	7/8 - 14	1 1/8	0.391	1.50	3,500
6410-08-12 • Expander	3/4 - 16	1 1/16 - 12	1 3/8	0.391	1.70	3,500
6410-10-04	7/8 - 14	7/16 - 20	1"	0.484	0.93	4,500
6410-10-06	7/8 - 14	9/16 - 18	1"	0.484	0.81	4,000
6410-10-08	7/8 - 14	3/4 - 16	1"	0.484	1.36	4,000
6410-10-12 • Expander	7/8 - 14	1 1/16 - 12	1 3/8	0.484	1.71	3,500
6410-12-04	1 1/16 - 12	7/16 - 20	1 1/4	0.609	1.07	4,500
6410-12-06	1 1/16 - 12	9/16 - 18	1 1/4	0.609	1.07	4,500
6410-12-08	1 1/16 - 12	3/4 - 16	1 1/4	0.609	1.09	4,500
6410-12-10	1 1/16 - 12	7/8 - 14	1 1/4	0.609	1.56	3,500
6410-12-12 •	1 1/16 - 12	1 1/16 - 12	1 3/8	0.609	1.83	3,500
6410-12-16 • Expander	1 1/16 - 12	1 5/16 - 12	1 5/8	0.609	1.83	2,000
6410-14-06	1 3/16 - 12	9/16 - 18	1 3/8	0.719	1.08	4,500
6410-14-10	1 3/16 - 12	7/8 - 14	1 3/8	0.719	—	3,500
6410-14-12	1 3/16 - 12	1 1/16 - 12	1 3/8	0.719	1.83	3,500
6410-14-16	1 3/16 - 12	1 5/16 - 12	1 3/8	0.719	—	3,500
6410-16-08	1 5/16 - 12	3/4 - 16	1 1/2	0.844	1.12	5,000
6410-16-10	1 5/16 - 12	7/8 - 14	1 1/2	0.844	1.12	3,500
6410-16-12	1 5/16 - 12	1 1/16 - 12	1 1/2	0.844	1.72	3,500
6410-16-14	1 5/16 - 12	1 3/16 - 12	1 1/2	0.844	1.66	3,000
6410-16-20 • Expander	1 5/16 - 12	1 5/8 - 12	2 1/8	0.844	2.13	2,500
6410-20-10	1 5/8 - 12	7/8 - 14	1 7/8	1.078	1.00	3,000
6410-20-12	1 5/8 - 12	1 1/16 - 12	1 7/8	1.078	1.00	3,000
6410-20-16	1 5/8 - 12	1 5/16 - 12	1 7/8	1.078	1.00	2,000
6410-20-24 • Expander	1 5/8 - 12	1 7/8 - 12	2 3/8	1.078	1.94	1,500
6410-24-12	1 7/8 - 12	1 1/16 - 12	2 1/8	1.312	1.00	2,000
6410-24-16	1 7/8 - 12	1 5/16 - 12	2 1/8	1.312	1.00	2,000
6410-24-20	1 7/8 - 12	1 5/8 - 12	2 1/8	1.312	1.75	2,000
6410-32-20	2 1/2 - 12	1 5/8 - 12	2 3/4	1.781	1.00	1,500
6410-32-24	2 1/2 - 12	1 7/8 - 12	2 3/4	1.781	1.80	1,500

• This part has an optional step (shoulder) shown above.

4:1 Safety Factor

O-Ring Boss  
Fittings