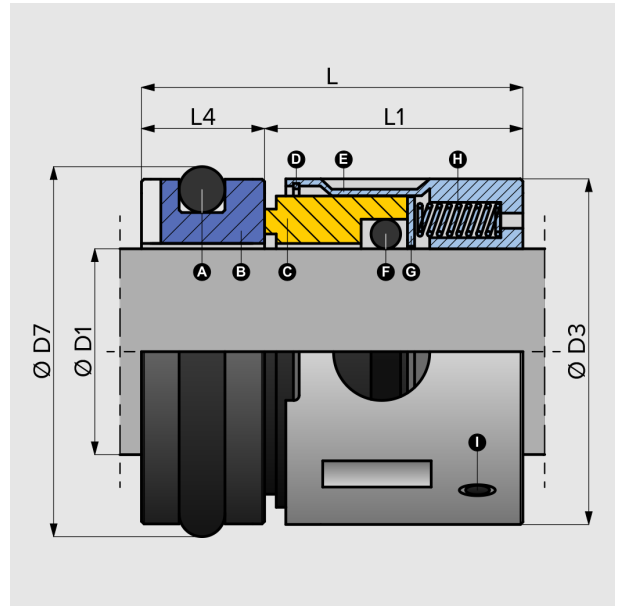


H8TU / H9TU

'TYPE 8-1T - LOW PROFILE' SPECIFICATION SHEET



- ▶ **Narrow Cross-Section**
- ▶ **Suits Imperial Sizes**
- ▶ **Multi-spring Arrangement**
- ▶ **Unbalanced**

H8TU is the narrow cross-section version of H8U. It is unbalanced in design and originally used a PTFE wedge as the secondary seal, a more cost-effective option using o-rings is now more commonplace (H8TU).

The original PTFE wedge design is still available if required (H9TU).

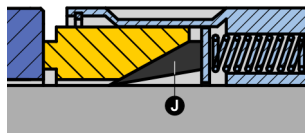
▶ **Operating conditions**

Temperature: -40°C to +260°C
 Pressure: up to 24 bar, 350 psi
 Speed: up to 25m/s, 5000 fpm

▶ **Material Options**

Rotary Face: CAB, A1.CAB or SiC
 Stationary Face: SIC
 Elastomer: N, V or EP
 Metal Parts: Stainless Steel

H9TU - PTFE WEDGE



PARTS

- A** Seat O-ring
- B** Seat (OG Standard)
- C** Rotary Face
- D** Snap Ring
- E** Metal Housing
- F** O-ring (H8TU)
- G** Disc
- H** Multi-Spring
- I** Set Screw
- J** PTFE Wedge

EQUIVALENT

8-1T / 9T
 M05SU / M05U
 1645S / 1645

STANDARD SEAT

OG US O-ring Seat

ALTERNATIVE SEAT

W Euro O-ring Seat

DIMENSIONS

D1 = Shaft Size D7 = Seat Cavity L1 = Rotary Length
 D3 = Rotary OD L4 = Seat Thickness L = Total Working Length

D1	D7	L4	D3	L1	L
0.500"	1.000"	25.4	8.0	23.8	31.8
0.625"	1.250"	31.8	10.3	27.0	34.1
0.750"	1.375"	34.9	10.3	30.1	34.1
0.875"	1.500"	38.1	10.3	33.3	34.1
1.000"	1.625"	41.3	11.0	36.5	36.4
1.125"	1.750"	44.5	11.0	39.7	36.4
1.250"	1.875"	47.6	11.0	42.8	36.4
1.375"	2.000"	50.8	11.0	49.2	45.9
1.500"	2.125"	54.0	11.0	49.2	39.6
1.625"	2.375"	60.3	12.7	57.2	42.1
1.750"	2.500"	63.5	12.7	58.7	47.6
1.875"	2.625"	66.7	12.7	63.5	47.6
2.000"	2.750"	69.9	12.7	66.7	47.6
2.125"	3.000"	76.2	14.3	71.4	57.1
2.250"	3.125"	79.4	14.3	72.2	49.2
2.375"	3.250"	82.6	14.3	76.2	57.1
2.500"	3.375"	85.7	14.3	79.4	49.2
2.625"	3.375"	85.7	16.0	82.6	58.8
2.750"	3.500"	88.9	16.0	85.7	58.8
2.875"	3.750"	95.3	16.0	88.9	58.8
3.000"	3.875"	98.4	16.0	92.1	58.8
3.125"	4.000"	101.6	19.8	95.3	62.6
3.250"	4.125"	104.8	19.8	98.4	62.6
3.375"	4.250"	108.0	19.8	101.6	62.6
3.500"	4.375"	111.1	19.8	104.8	62.6
3.625"	4.500"	114.3	19.8	108.0	62.6
3.750"	4.625"	117.5	19.8	111.1	62.6
3.875"	4.750"	120.7	19.8	114.3	62.6
4.000"	4.875"	123.8	19.8	117.5	62.6