

# OWEN DEVELOPMENTS

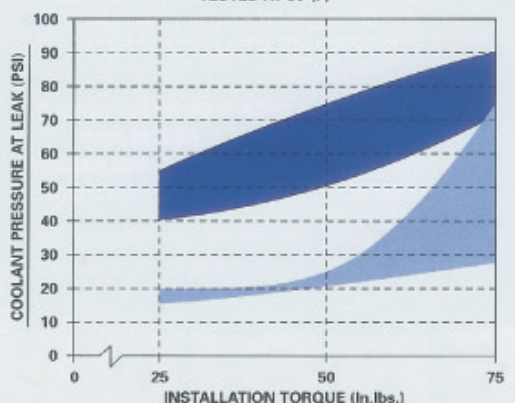
The **Garrett** Performance Centre  
by Honeywell  
For EUROPE, AFRICA & MIDDLE EAST

COMPETITION TURBOS, FAST ROAD & MOTORSPORT DEVELOPMENTS

## Hose Clip Technical Data Sheet

### TURBO SEAL™ vs. COMPETITION

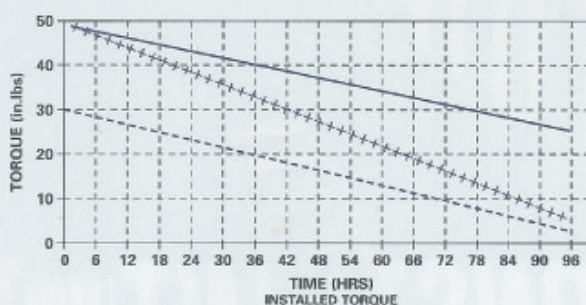
PSI AT LEAK vs. INSTALLATION TORQUE, THERMAL CYCLED  
TESTED AT 30°F (F)



**TURBO SEAL™** **COMPETITION**

2.00 ID SILICONE HOSE  
THERMAL CYCLED FROM 240°F (F) TO 30°F (F) DURING A 24 HOUR PERIOD  
LEAK TESTED WITH 50:50 MIXTURE OF ETHYLENE GLYCOL AND WATER

### TURBO SEAL™ vs. EXTENDED BAND RESIDUAL TORQUE WITH THERMAL CYCLES

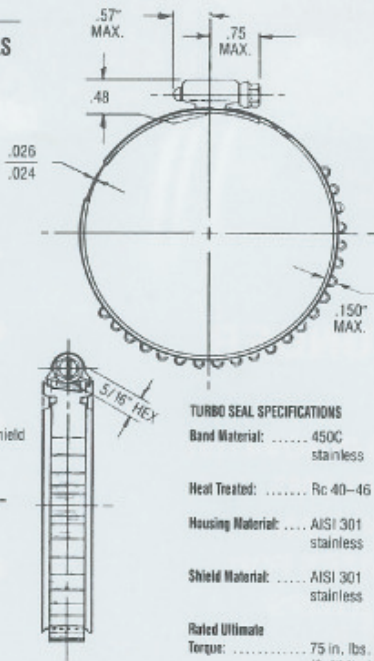
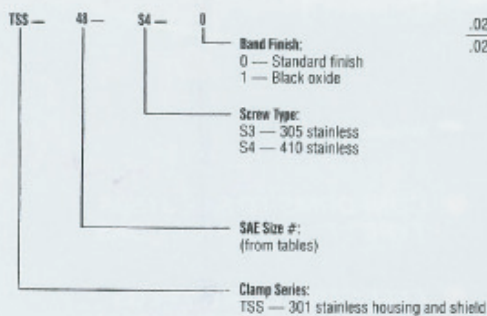


----- EXTENDED BAND @ 30 IN./LBS.    +++++ EXTENDED BAND @ 50 IN./LBS.    ——— TURBO SEAL™ @ 50 IN./LBS.

2.00 ID SILICONE HOSE  
THERMAL CYCLES FROM 120°C (C) TO  
-10°C (C) ONCE DURING EACH 24 HOUR PERIOD

### NUMBERING SYSTEM AND CONSTRUCTION MATERIALS

Sample Part No. TSS48S40



**TURBO SEAL SPECIFICATIONS**  
Band Material: ..... 450C stainless  
Heat Treated: ..... Rc 40-46  
Housing Material: ..... AISI 301 stainless  
Shield Material: ..... AISI 301 stainless

**Rated Ultimate Torque:** ..... 75 in. lbs. (8.47 Nm) min.

**Recommended Installation Torque:** ..... 50 in. lbs (5.65 Nm)

### Turbo Seal Size Chart

SAE Size No.	Decimals		Millimeters	
	Min.	Max.	Min.	Max.
20	1.37	1.88	34.8	47.6
24	1.56	2.13	39.6	54.0
28	1.63	2.38	41.4	60.3
32	1.80	2.63	45.7	66.7
36	1.97	2.88	50.0	73.0
40	2.25	3.13	57.2	79.4
44	2.50	3.38	63.5	85.7
48	2.75	3.63	69.9	92.1
52	3.00	3.88	76.2	98.4
56	3.25	4.13	82.6	104.8
60	3.50	4.38	88.9	111.1
64	3.75	4.63	95.3	117.6
68	4.00	4.88	101.6	123.8
72	4.25	5.13	108.0	130.3
76	4.50	5.38	114.3	136.5
80	4.75	5.63	120.7	143.0
84	5.00	5.88	127.0	149.2
88	5.25	6.13	133.4	155.7
92	5.50	6.38	139.7	161.9
96	5.75	6.63	146.1	168.4
104	6.25	7.13	158.8	181.1
112	6.75	7.63	171.5	193.7
116	7.00	7.87	177.8	199.9
120	7.25	8.12	184.2	206.2

Other sizes available upon request.