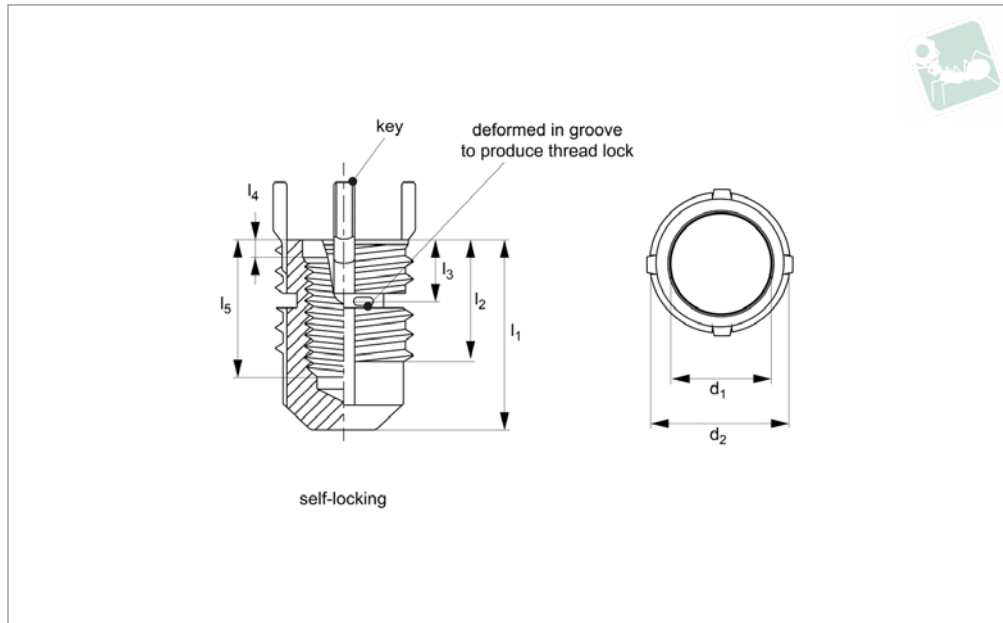




# Blind Threaded Insert - H Duty - Inch

303 stainless steel - self-locking



**TR1676**

THREADED INSERTS STAINLESS

### Material

Inserts - 303 CRES.  
 Keys - 302 CRES.  
 Passivated. Dry film lubrication on self-locking inserts only.

### Technical Notes

All dimensions in inches.  
 Internal threads: to SAE AS8879.  
 General tolerances -  
 +/- 0,010 unless specified.

### Tap drill hole tolerances -

0,234 to 0,500 = +0,004/-0,001  
 0,500 and over = +0,005/-0,001  
**SL** = Self-Locking type, deliberate deformity in thread produces self-affect once installed (see technical diagram).

### Tips

Order installation tool separately, as identified by „Inst. Tool ref.“ in table.

### Important Notes

Four locking keys on internal threads 5/16 and over. Two locking keys on internal threads smaller than 5/16.  
 Installation (Inst.) drill size, counter sink, thread tap and thread depth as specified in table.  
 Removal (Rem.) drill size and drill depth as specified in table.  
 Perform to standards: MIL-I-45914A

Order No.	Type	d <sub>1</sub> tol. 3B	Thread type d <sub>1</sub>	d <sub>2</sub> (mod.) class 2A	Thread type d <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub> ±0,030
TR1676.84300	SL	8-32	UNC	5/16-18	UNC	,50	,31	,22
TR1676.84301	SL	10-24	UNC	3/8-16	UNC	,56	,31	,22
TR1676.84501	SL	10-32	UNF	3/8-16	UNC	,56	,31	,22
TR1676.84302	SL	1/4-20	UNC	7/16-14	UNC	,62	,37	,22
TR1676.84502	SL	1/4-28	UNF	7/16-14	UNC	,62	,37	,22
TR1676.84303	SL	5/16-18	UNC	1/2-13	UNC	,75	,43	,22
TR1676.84503	SL	5/16-24	UNF	1/2-13	UNC	,75	,43	,22
TR1676.84304	SL	3/8-16	UNC	9/16-12	UNC	,81	,50	,25
TR1676.84504	SL	3/8-24	UNF	9/16-12	UNC	,81	,50	,25
TR1676.84305	SL	7/16-14	UNC	5/8-11	UNC	1.00	,62	,28
TR1676.84505	SL	7/16-20	UNF	5/8-11	UNC	1.00	,62	,28
TR1676.84306	SL	1/2-13	UNC	11/16-11NS	UNS	1.06	,68	,28
TR1676.84506	SL	1/2-20	UNF	11/16-11NS	UNS	1.06	,68	,28
TR1676.84307	SL	9/16-12	UNC	13/16-16	UN	1.25	,81	,32
TR1676.84507	SL	9/16-18	UNF	13/16-16	UN	1.25	,81	,32
TR1676.84308	SL	5/8-11	UNC	7/8-14	UNF	1.31	,87	,33
TR1676.84508	SL	5/8-18	UNF	7/8-14	UNF	1.31	,87	,33
TR1676.84309	SL	3/4-10	UNF	1-1/8-12	UNF	1.75	1.25	,49
TR1676.84509	SL	3/4-16	UNF	1-1/8-12	UNF	1.75	1.25	,49
TR1676.84310	SL	7/8-9	UNC	1-1/4-12	UNF	1.94	1.37	,49
TR1676.84510	SL	7/8-14	UNF	1-1/4-12	UNF	1.94	1.37	,49
TR1676.84311	SL	1-8	UNC	1-3/8-12	UNF	2.12	1.50	,55
TR1676.84511	SL	1-12	UNF	1-3/8-12	UNF	2.12	1.50	,55



Order No.	l <sub>4</sub> c'bore depth	l <sub>5</sub>	Inst. c'sink hole size +0.010 -0.000	Inst. tap drill size	Inst. thread tap depth min.	Inst. thread tap size class 2B	Inst. tool ref. TR1705	Removal drill size	Removal drill depth
TR1676.84300	,04	,31	,323	,272	,37	5/16-18	.0000	7/32	3/16
TR1676.84301	,07	,31	,385	,332	,37	3/8-16	.0010	9/32	3/16
TR1676.84501	,07	,31	,385	,332	,37	3/8-16	.0011	9/32	3/16
TR1676.84302	,07	,37	,447	,397	,43	7/16-14	.0020	11/32	3/16
TR1676.84502	,07	,37	,447	,397	,43	7/16-14	.0021	11/32	3/16
TR1676.84303	,07	,43	,510	,453	,50	1/2-13	.0030	13/32	3/16
TR1676.84503	,07	,43	,510	,453	,50	1/2-13	.0031	13/32	3/16
TR1676.84304	,07	,50	,572	,516	,56	9/16-12	.0040	15/32	3/16
TR1676.84504	,07	,50	,572	,516	,56	9/16-12	.0041	15/32	3/16
TR1676.84305	,10	,62	,635	,578	,68	5/8-11	.0050	17/32	3/16
TR1676.84505	,10	,62	,635	,578	,68	5/8-11	.0051	17/32	3/16
TR1676.84306	,10	,68	,700	,641	,75	11/16-11NS	.0060	19/32	3/16
TR1676.84506	,10	,68	,700	,641	,75	11/16-11NS	.0061	19/32	3/16
TR1676.84307	,10	,81	,822	,766	,94	13/16-16	.0070	23/32	3/16
TR1676.84507	,10	,81	,822	,766	,94	13/16-16	.0071	23/32	3/16
TR1676.84308	,10	,87	,885	,828	1.00	7/8-14	.0080	25/32	3/16
TR1676.84508	,10	,87	,885	,828	1.00	7/8-14	.0081	25/32	3/16
TR1676.84309	,10	1.25	1.145	1.062	1.44	1-1/8-12	.0090	31/32	5/16
TR1676.84509	,10	1.25	1.145	1.062	1.44	1-1/8-12	.0091	31/32	5/16
TR1676.84310	,10	1.37	1.270	1.187	1.56	1-1/4-12	.0100	1-3/32	5/16
TR1676.84510	,10	1.37	1.270	1.187	1.56	1-1/4-12	.0101	1-3/32	5/16
TR1676.84311	,10	1.50	1.395	1.312	1.68	1-3/8-12	.0110	1-7/32	5/16
TR1676.84511	,10	1.50	1.395	1.312	1.68	1-3/8-12	.0111	1-7/32	5/16