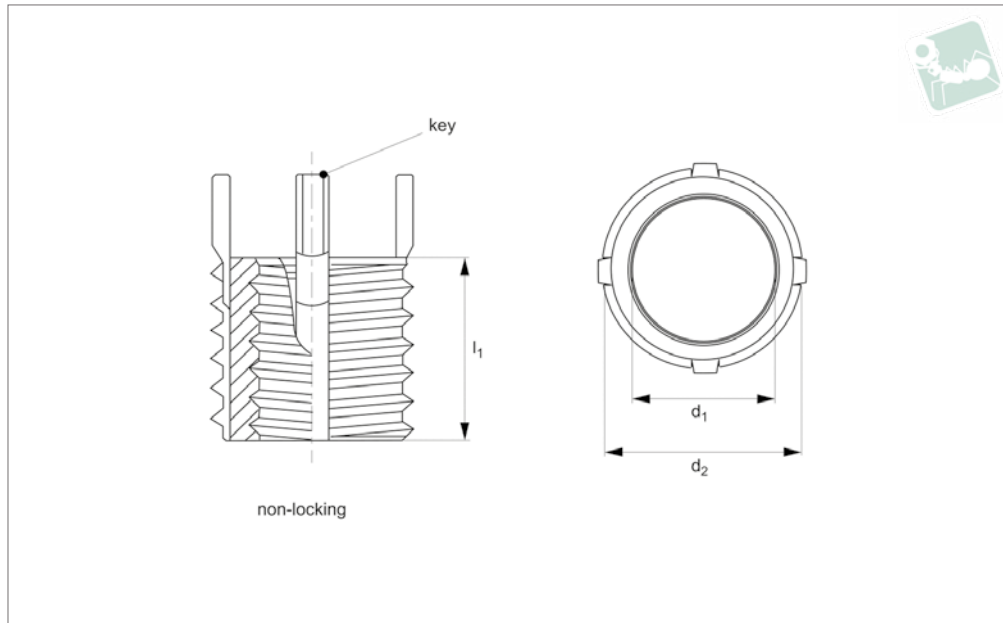
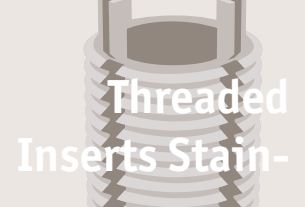




# Threaded Insert MS/NAS - H Duty - 303 stainless steel - non-locking - MS/NAS grade



## TR1604

THREADED INSERTS STAINLESS

### Material

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

### Technical Notes

All dimensions in millimetres.  
Internal threads: to Fed. Std. H28/21, MJ Form

### General tolerances -

+/- 0,25mm, unless specified.  
Tap drill hole tolerances -  
6,9 to 10,8 = +0,100/-0,025  
12,8 and over = +0,130/-0,025  
**NL** = Non-Locking type.

### Tips

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

### Important Notes

Four locking keys on internal threads M6 and over. Two locking keys on internal threads smaller than M6.  
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.

Order No.	Type	d <sub>1</sub> tol. 4H type 5H	Thread d <sub>1</sub>	d <sub>2</sub> tol. 4h type	Thread d <sub>2</sub>	l <sub>1</sub>	l <sub>4</sub> c'bore hole dia. depth	C'bore hole dia. +0.25  -0.00	Inst. tap drill size	Inst. thread tap tol. 6H	Inst. thread tap depth min.	Inst. tool ref. TR1715	Removal drill size	Removal drill depth
TR1604.76363	NL	M 4x0,7	Coars e	M 8x1,25	Coars e	8.0	1.27	8.25	6.90	M 8x1,25	9.5	.0630	5.50	4.00
TR1604.76364	NL	M 5x0,8	Coars e	M10 x1,25	Fine	10.0	1.27	10.25	8.80	M10x1 ,25	12.5	.0640	7.50	4.75
TR1604.76365	NL	M 6x1,0	Coars e	M12 x1,25	Fine	12.0	1.78	12.25	10.80	M12x1 ,25	14.5	.0650	9.50	4.75
TR1604.76366	NL	M 8x1,25	Coars e	M14 x1,5	Fine	14.0	1.78	14.25	12.80	M14x1 ,5	16.5	.0660	11.50	4.75
TR1604.76566	NL	M 8x1,0	Fine	M14 x1,5	Fine	14.0	1.78	14.25	12.80	M14x1 ,5	16.5	.0660	11.50	4.75
TR1604.76367	NL	M10 x1,5	Coars e	M16 x1,5	Fine	16.0	2.29	16.25	14.75	M16x1 ,5	18.5	.0670	13.50	4.75
TR1604.76567	NL	M10 x1,25	Fine	M16 x1,5	Fine	16.0	2.29	16.25	14.75	M16x1 ,5	18.5	.0670	13.50	4.75
TR1604.76369	NL	M12 x1,75	Coars e	M18 x1,5	Fine	18.0	2.29	18.25	16.75	M18x1 ,5	20.5	.0690	15.50	4.75



Order No.	Type	d <sub>1</sub> tol. 4H 5H	Thread type d <sub>1</sub>	d <sub>2</sub> tol. 4h	Thread type d <sub>2</sub>	l <sub>1</sub>	l <sub>4</sub> c'bore depth	C'bore hole dia. +0.25  -0.00	Inst. tap drill size	Inst. thread tap tol. 6H	Inst. thread tap depth min.	Inst. tool ref. TR1715	Removal drill size	Removal drill depth
TR1604.76569	NL	M12 x1,2 5	Fine	M18 x1,5	Fine	18.0	2.29	18.25	16.75	M18x1 ,5	20.5	.0690	15.50	4.75
TR1604.76370	NL	M14 x2,0	Coars e	M20 x1,5	Fine	20.0	2.79	20.25	18.75	M20x1 ,5	22.5	.0700	17.50	4.75
TR1604.76570	NL	M14 x1,5	Fine	M20 x1,5	Fine	20.0	2.79	20.25	18.75	M20x1 ,5	22.5	.0700	17.50	4.75
TR1604.76371	NL	M16 x2,0	Coars e	M22 x1,5	Fine	22.0	2.79	22.25	20.50	M22x1 ,5	24.5	.0710	17.75	6.35
TR1604.76571	NL	M16 x1,5	Fine	M22 x1,5	Fine	22.0	2.79	22.25	20.50	M22x1 ,5	24.5	.0710	17.75	6.35
TR1604.76572	NL	M18 x1,5	Fine	M24 x2,0	Fine	24.0	2.79	24.25	22.50	M24x2 ,0	28.5	.0720	19.75	6.35
TR1604.76373	NL	M20 x2,5	Coars e	M30 x2,0	Fine	30.0	2.79	30.25	28.00	M30x2 ,0	34.5	.0730	25.75	6.35
TR1604.76573	NL	M20 x1,5	Fine	M30 x2,0	Fine	30.0	2.79	30.25	28.00	M30x2 ,0	34.5	.0730	25.75	6.35
TR1604.76574	NL	M22 x1,5	Fine	M32 x2,0	Non- Std	32.0	2.79	32.25	30.00	M32x2 ,0	36.5	.0740	27.75	6.35
TR1604.76375	NL	M24 x3,0	Coars e	M33 x2,0	Non- Std	33.0	3.81	33.25	31.00	M33x2 ,0	37.5	.0750	28.75	6.35
TR1604.76575	NL	M24 x2,0	Fine	M33 x2,0	Non- Std	33.0	3.81	33.25	31.00	M33x2 ,0	37.5	.0750	28.75	6.35