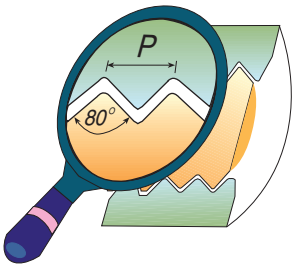
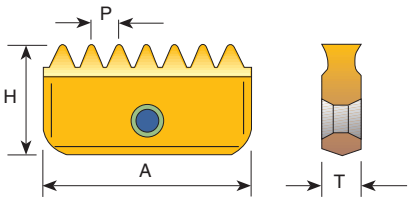
PG - DIN 40430



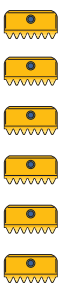
Same Insert for External and Internal thread

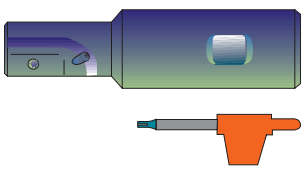


Pitch TPI	Insert Size = A 14	21	30
18	**14-18 PG** (PG 9, 11, 13.5, 16)	**21-18 PG** (PG 16)	
16		**21-16 PG** (PG 21, 29, 36, 42, 48)	**30-16 PG** (PG 36, 42, 48)
H	7.5	12	16
T	3.1	4.7	5.5

Order example: 21-18 PG MT7

Internal ISO Kits





MTK 12 I ISO	MTK 14 I ISO
INSERTS	INSERTS
12 I 0.75 ISO 12 I 1.0 ISO 2 Pcs 12 I 1.25 ISO 12 I 1.5 ISO 2 Pcs	14 I 1.0 ISO 2 Pcs 14 I 1.5 ISO 2 Pcs 14 I 2.0 ISO 2 Pcs
TOOLHOLDER	TOOLHOLDER
SR 0009 H12	SR 0017 H14
KEY	KEY
K12	K14
SCREW	SCREW
S12	S14

Order example : MTK 14 I ISO

Mill Thread Inserts Speed and Feed Selection

MT7 Sub-Micron Grade with Titanium Aluminum Nitride multi-layer coating (ISO K10 - K20). This is a general purpose grade, which can be used with all materials; it should be run at medium to high cutting speeds.

ISO	Materials	Cutting Speed m/min MT7
P	Low and Medium Carbon Steels	115-280
	High Carbon Steels	130-200
	Alloy Steels, Treated Steels	105-180
M	Stainless Steels	130-190
	Cast Steels	150-190
K	Cast Iron	80-170
N	Non- Ferrous and Aluminum	180-340
	Synthetics, Duroplastics, Thermoplastics	115-460
S	Nickel Alloys, Titanium Alloys	25- 90

Recommended FEED RATE : 0.05 - 0.15 mm

Spiral Mill Thread Inserts Speed and Feed Selection

MT7 Sub-Micron Grade with Titanium Aluminum Nitride multi-layer coating (ISO K10 - K20). This is a general purpose grade, which can be used with all materials; it should be run at medium to high cutting speeds.

ISO	Materials	Cutting Speed m/min MT7
P	Low and Medium Carbon Steels	145-360
	High Carbon Steels	165-255
	Alloy Steels, Treated Steels	135-230
M	Stainless Steels	165-245
	Cast Steels	190-245
K	Cast Iron	100-220
N	Non- Ferrous and Aluminum	230-440
	Synthetics, Duroplastics, Thermoplastics	145-590
S	Nickel Alloys, Titanium Alloys	30-115

Recommended FEED RATE : 0.05 - 0.15 mm

As you may note, cutting speed is shown in range terms. In most standard cases choosing a speed in the middle of the range would be a good choice for a start.

For hard metals reduce cutting speed.