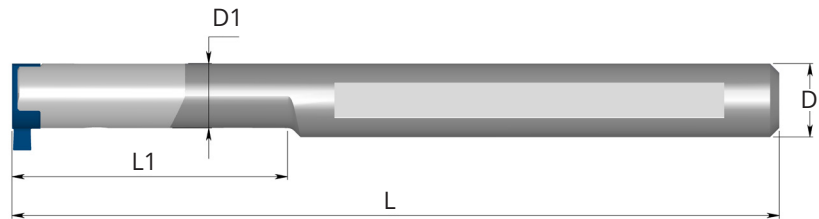
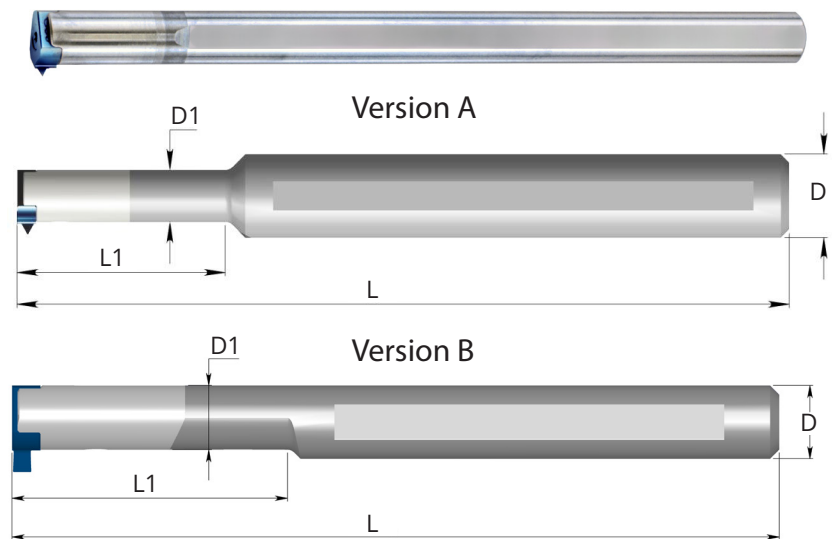


Carbide Shank Toolholders

With through coolant



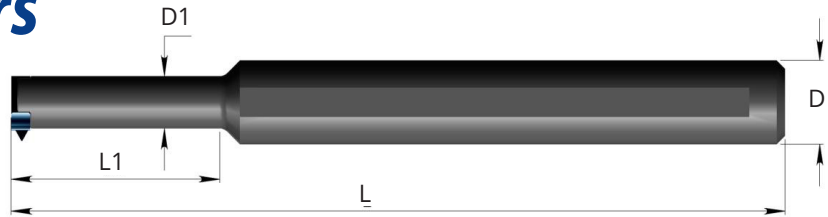
Insert Type	Ordering Code	D	D1	L1	L	Insert Screw	Torx Key
T8	ST 0008 L20 F08C	8	7	20	80	S5	K5
	ST 0008 L30 G08C	8	7	30	95	S5	K5
	ST 0008 L40 H08C	8	7	40	105	S5	K5



Insert Type	Ordering Code	D	D1	L1	L	Insert Screw	Torx Key	Toolholder Version
T10	ST 0010 L29 H10C	10	8.8	29	100	S11	K11	B
	ST 0010 L40 J10C	10	8.8	40	110	S11	K11	B
	ST 0010 M10C	10	10.0	-	150	S11	K11	A
	ST 0012 L37 J10C	12	8.8	37	110	S11	K11	B
	ST 0012 L40 J10C	12	10.0	40	110	S11	K11	A
	ST 0012 L50 K10C	12	8.8	50	125	S11	K11	B
	ST 0012 L55 K10C	12	10.0	55	125	S11	K11	A

Order example: ST 0012 L37 J10C

Steel Toolholders



Insert Type	Ordering Code	D	D1	L1	L	Insert Screw	Torx Key
T10	ST 0012 L25 E10	12	10	25	70	S11	K11
	ST 0016 L25 G10	16	10	25	90	S11	K11
	ST 0016 L35 H10	16	10	35	100	S11	K11

Technical Section

Carbide Grades

BLU PVD triple layer coated Sub-Micron grade for Steel, Stainless Steels, Titanium and hard materials.

Cutting Data

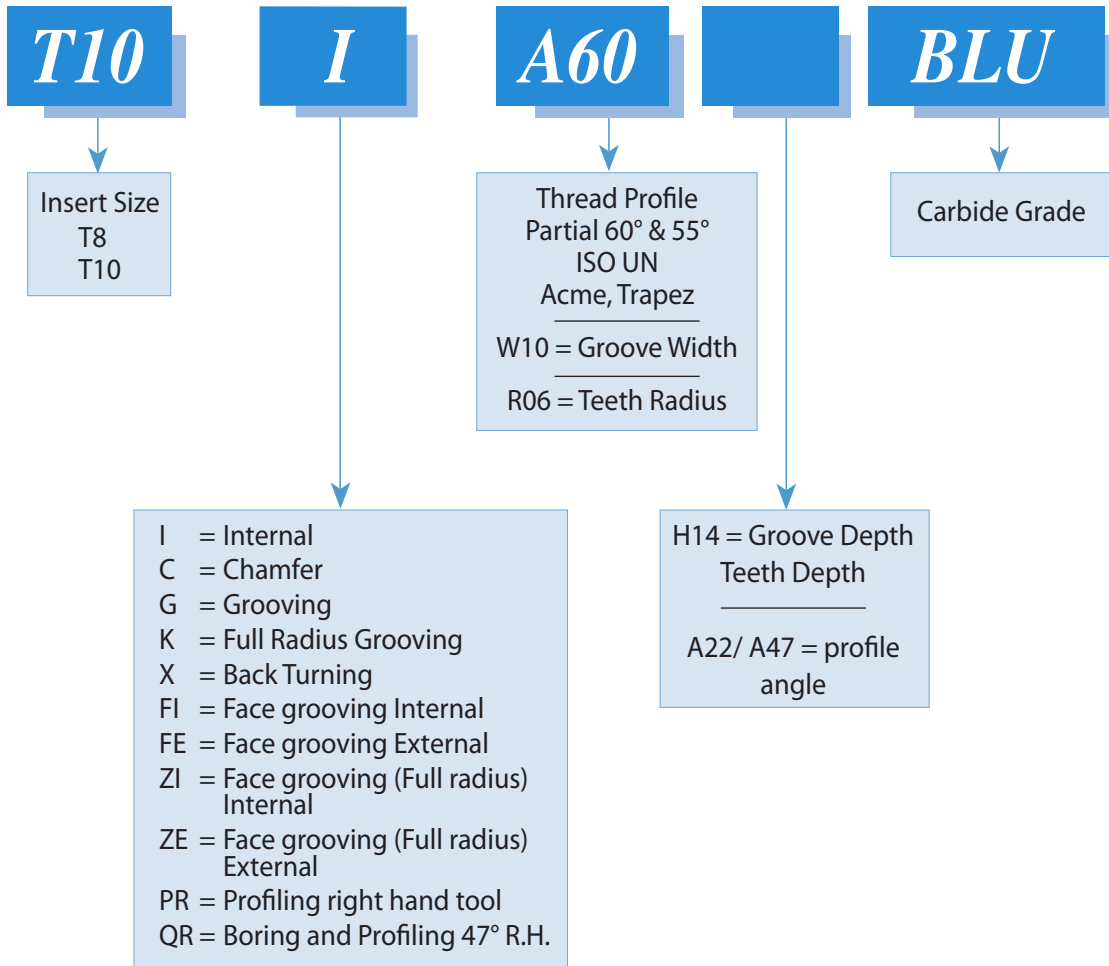
ISO	Materials	Cutting Speed m/min	Recommended feed rate mm/rev
P	Low and Medium Carbon Steels <0.55%C	25 - 70	Grooving: 0.01-0.03 Back turning: 0.03-0.10 Face grooving: 0.01-0.08 Chamfering: 0.02-0.08
	High Carbon Steels ≥0.55%C	20 - 50	
	Alloy Steels, Treated Steels	15 - 30	
M	Stainless Steels - Free Cutting	25 - 70	
	Stainless Steels - Austenitic	20 - 40	
	Cast Steels	30 - 70	
K	Cast Iron	15 - 30	
N	Aluminum ≤12%Si, Copper	30 - 90	
	Aluminum >12% Si	20 - 70	
	Synthetics, Duroplastics, Thermoplastics	20 - 70	
S	Nickel Alloys, Titanium Alloys	20 - 50	
H	Hardened Steel 45 - 50HRC	10 - 40	

Threading Passes

Pitch:	mm	0.5	0.7	0.8	1.0	1.25	1.5	2-5
	TPI	48	36	32	24	20	16	14-5
Number of Passes		6-12	7-14	7-16	8-18	8-20	10-22	20-38

Product Identification - Ordering Codes

Inserts



Toolholders

