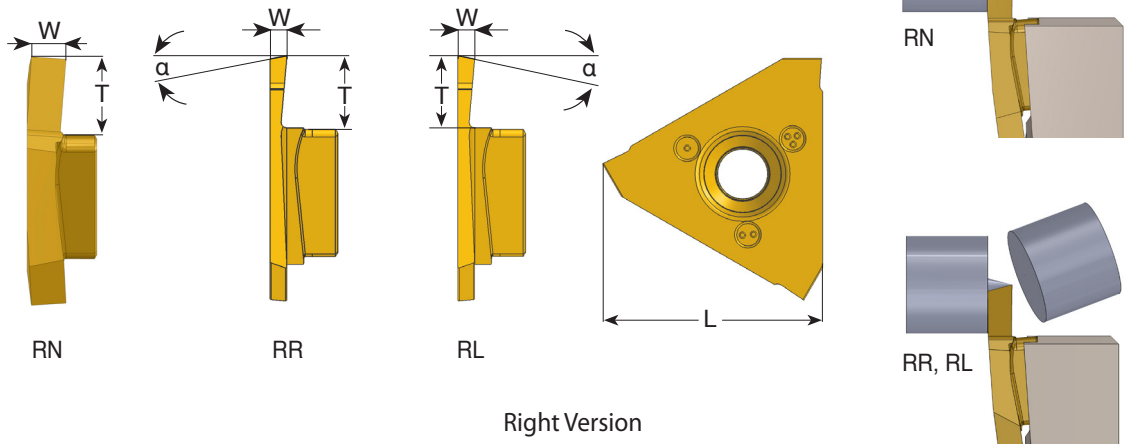


Parting Off



Right hand cutting

Insert Size L	Ordering Code	W	α°	T max	Feed mm/rev Radial
19	GP19 RR W10 T54	1.0	15	5.4	0.02-0.09
	GP19 RL W10 T54	1.0	15	5.4	
	GP19 RN W10 T54	1.0	0	5.4	
	GP19 RR W12 T54	1.2	15	5.4	0.02-0.09
	GP19 RL W12 T54	1.2	15	5.4	
	GP19 RN W12 T54	1.2	0	5.4	
20	GP20 RR W15 T64	1.5	15	6.4	0.04-0.10
	GP20 RL W15 T64	1.5	15	6.4	
	GP20 RN W15 T64	1.5	0	6.4	
	GP20 RR W18 T64	1.8	15	6.4	0.04-0.10
	GP20 RL W18 T64	1.8	15	6.4	
	GP20 RN W18 T64	1.8	0	6.4	
	GP20 RR W20 T64	2.0	15	6.4	0.05-0.12
	GP20 RL W20 T64	2.0	15	6.4	
	GP20 RN W20 T64	2.0	0	6.4	
	GP20 RR W25 T64	2.5	15	6.4	0.05-0.12
	GP20 RL W25 T64	2.5	15	6.4	
	GP20 RN W25 T64	2.5	0	6.4	
	GP20 RR W30 T64	3.0	15	6.4	0.05-0.12
	GP20 RL W30 T64	3.0	15	6.4	
GP20 RN W30 T64	3.0	0	6.4		

	K20	BLU
P		●
M	●	●
K	●	○
N	●	
S	●	●
H		≤45 HRc

For L.H, specify GP19 LR instead of GP19 RR
 GP19 LL instead of GP19 RL
 GP19 LN instead of GP19 RN

Swiss-Line

- Swiss style lathes are becoming a popular alternative to large lathes and machining centers in many companies.
- CPT offers a large and versatile product line of inserts and toolholders, developed for automatic and Swiss style lathes.
- Designed for economic production of parting, grooving, profiling threading and chamfering.

Polygon Inserts and Toolholders

CPT extends the Swiss Line range by offering a new type of polygon inserts and toolholders for external turning, grooving, parting and threading on Swiss-Type machines. Specially designed for small parts machining.



Features

- High precision ground inserts.
- All inserts can be used with same toolholders.
- A combination of the latest carbide and coating technologies guarantees maximum tool life and improved productivity.
- Compatible with a wide range of materials.
- Coated holders provide abrasive resistance.

Carbide grades: BLU, GX7, K20

3 Cutting Edges Swiss Line Inserts (16 mm)

Carbide Grades

GX7

New generation of PVD triple layer coated Sub-Micron grade for wide range of materials as: Steel, Stainless Steels, Titanium and hard materials up to 58 HRc. With high toughness for optimized performance.

K20

Uncoated Sub-Micron carbide grade for Aluminum and non-ferrous materials, Stainless Steels and Titanium.

Cutting Data

ISO Standard	Materials	Cutting Speed m/min	
		K20	GX7
P	Low & Medium Carbon Steels <0.55%C	-	80-150
	High Carbon Steels ≥0.55%C	-	70-120
	Alloy Steels, Treated Steels	-	40-80
M	Stainless Steel-Free Cutting	30-80	60-120
	Stainless Steel-Austenitic	20-70	30-90
	Cast Steels	30-80	50-120
K	Cast Iron	50-120	50-120
N	Aluminum ≤12%Si, Copper	120-250	-
	Aluminum >12%Si	90-200	-
	Synthetics, Duroplastics, Thermoplastics	70-150	-
S	Nickel Alloys, Titanium Alloys	20-50	30-70
H	Hardened Steel, 45-58HRc	-	20-50

Product Identification - Ordering Codes

Polygon Inserts

