

CoroThread® 266

Ultra-rigid thread turning for all types of threads

B

Application

- External threads
- Internal threads

ISO application area:



C

Benefits and features

- Reduced machine- and downtime
- Excellent surface finish due to the exceptional stability
- Three sharp cutting edges for high-quality threads
- Multi-point inserts available, require fewer passes resulting in increased productivity
- Large standard product range of tools and thread profile inserts
- Unique guide rail interface between the insert and tip seat
- Good edge indexing
- Easy to mount the insert correctly

D

High precision coolant from above controls the chip breaking for secure machining, while under coolant controls the temperature for long and predictable tool life.



E

www.sandvik.coromant.com/corothread266

Inserts

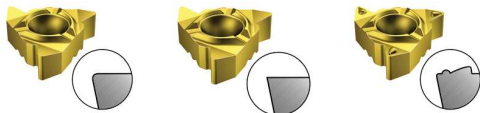
- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

Tools

- Coromant Capto® cutting units
- Shank tools
- Boring bars
- CoroTurn® SL heads



F



Standard A-geometry Sharp F-geometry Chip-breaking C-geometry

Three different threading insert types

G

Full profile

High productivity

V-profile

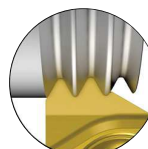
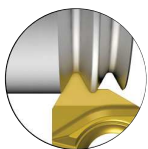
Minimum tool inventory

Multi-point

Economical mass production

Secure iLock™ clamping

The slotted insert sits rigidly on the T-rails in the pocket eliminating any insert movement caused by cutting force variations.

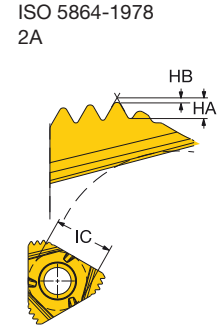
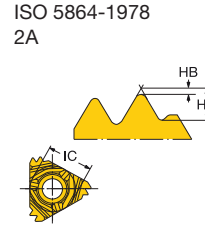
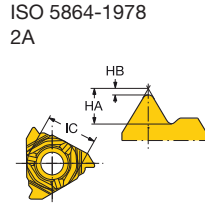
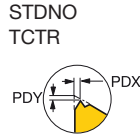
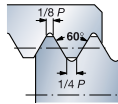


H



CoroThread® 266 insert for thread turning

UN 60° Full form



External right-hand threads

TPI	NT	Ordering code	Dimensions, mm																	
			P		M		K		N		S		H							
			1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135			
16	32.0	1	266RG-16UN01A320M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.59	0.10	0.50	1.30
	28.0	1	266RG-16UN01A280M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.68	0.12	0.80	1.32
	24.0	1	266RG-16UN01A240M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.79	0.14	0.08	1.30
	24.0	1	266RG-16UN01C240M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.79	0.14	0.80	1.33
	24.0	1	266RG-16UN01F240E	*	*	*	*	*	*	*	*	*	*	*	*	*	0.79	0.14	0.80	1.30
	20.0	1	266RG-16UN01A200M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.95	0.16	0.08	1.30
	20.0	1	266RG-16UN01C200M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.95	0.16	0.80	1.33
	20.0	1	266RG-16UN01F200E	*	*	*	*	*	*	*	*	*	*	*	*	*	0.95	0.16	0.80	1.30
	18.0	1	266RG-16UN01A180M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05	0.18	1.00	1.30
	18.0	1	266RG-16UN01C180M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05	0.18	1.00	1.33
	18.0	1	266RG-16UN01F180E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05	0.18	1.00	1.30
	16.0	1	266RG-16UN01A160M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.19	0.20	1.00	1.30
	16.0	1	266RG-16UN01C160M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.19	0.20	1.00	1.33
	16.0	1	266RG-16UN01F160E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.19	0.20	1.00	1.30
	14.0	1	266RG-16UN01A140M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.35	0.23	1.20	1.30
	14.0	1	266RG-16UN01C140M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.35	0.23	1.20	1.33
	14.0	1	266RG-16UN01F140E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.35	0.23	1.20	1.30
	13.0	1	266RG-16UN01A130M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.46	0.25	1.40	1.30
	12.0	1	266RG-16UN01A120M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.58	0.28	1.40	1.30
	12.0	1	266RG-16UN01C120M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.58	0.28	1.40	1.33
	12.0	1	266RG-16UN01F120E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.58	0.28	1.40	1.30
	11.0	1	266RG-16UN01A110M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.72	0.30	1.40	1.30
	10.0	1	266RG-16UN01A100M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.90	0.33	1.40	1.30
	9.0	1	266RG-16UN01A090M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.11	0.37	1.80	1.30
	8.0	1	266RG-16UN01A080M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.38	0.41	1.80	1.30
	8.0	1	266RG-16UN01C080M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.38	0.41	1.80	1.33
	8.0	1	266RG-16UN01F080E	*	*	*	*	*	*	*	*	*	*	*	*	*	2.38	0.41	1.80	1.30
22	7.0	1	266RG-22UN01A070M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.70	0.49	2.50	1.67
	6.0	1	266RG-22UN01A060M	*	*	*	*	*	*	*	*	*	*	*	*	*	3.16	0.57	2.50	1.67
	5.0	1	266RG-22UN01A050M	*	*	*	*	*	*	*	*	*	*	*	*	*	3.81	0.69	2.50	1.38
	4.5	1	266RG-22UN01A045M	*	*	*	*	*	*	*	*	*	*	*	*	*	4.23	0.77	2.65	1.08
	4.0	1	266RG-22UN01A040M	*	*	*	*	*	*	*	*	*	*	*	*	*	4.76	0.87	2.90	0.79

External right-hand threads - multipoint insert

TPI	NT	Ordering code	Dimensions, mm												
			P		M		K		N		S				
			1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY			
16	18.0	3	266RG-16UN03A180M	*	*	*	*	*	*	*	*	1.05	0.18	3.45	2.12
	16.0	2	266RG-16UN02A160M	*	*	*	*	*	*	*	*	1.19	0.20	2.40	1.52
	14.0	2	266RG-16UN02A140M	*	*	*	*	*	*	*	*	1.35	0.23	2.70	1.77
	12.0	2	266RG-16UN02A120M	*	*	*	*	*	*	*	*	1.58	0.28	3.10	1.91

R = Right hand



C30



C39



C73



C83



H36



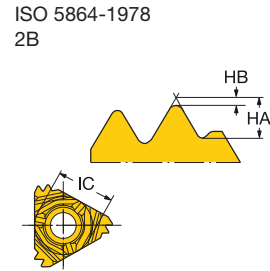
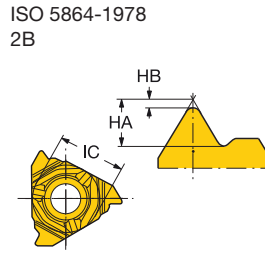
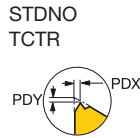
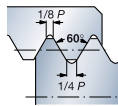
H35



H26

CoroThread® 266 insert for thread turning

UN 60° Full form



Internal right-hand threads

TPI	NT	Ordering code	P		M		K		N		S		H		Dimensions, mm					
			1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	1020	1125	1135	HA	HB	PDX
16	32.0	1	266RL-16UN01A320M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.50	0.05	0.90	1.30
	28.0	1	266RL-16UN01A280M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.77	0.14	0.80	1.32
	24.0	1	266RL-16UN01A240M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.67	0.06	1.30	1.35
	20.0	1	266RL-16UN01A200M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.80	0.07	0.80	1.30
	20.0	1	266RL-16UN01C200M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.80	0.07	0.80	1.30
	18.0	1	266RL-16UN01A180M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.89	0.08	1.00	1.30
	18.0	1	266RL-16UN01C180M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.89	0.08	1.00	1.30
	16.0	1	266RL-16UN01A160M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	0.09	1.00	1.30
	16.0	1	266RL-16UN01C160M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	0.09	1.00	1.30
	16.0	1	266RL-16UN01F160E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	0.09	1.00	1.30
	14.0	1	266RL-16UN01A140M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.13	0.11	1.20	1.30
	14.0	1	266RL-16UN01C140M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.13	0.11	1.20	1.30
	12.0	1	266RL-16UN01A120M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.33	0.13	1.40	1.30
	12.0	1	266RL-16UN01C120M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.33	0.13	1.40	1.30
	12.0	1	266RL-16UN01F120E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.33	0.13	1.40	1.30
	11.0	1	266RL-16UN01A110M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.45	0.14	1.40	1.30
	10.0	1	266RL-16UN01A100M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.59	0.16	1.40	1.30
	9.0	1	266RL-16UN01A090M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.77	0.18	1.80	1.30
	8.0	1	266RL-16UN01A080M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00	0.20	1.80	1.30
	8.0	1	266RL-16UN01C080M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00	0.20	1.80	1.30
22	7.0	1	266RL-22UN01A070M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.31	0.26	2.50	1.64
	6.0	1	266RL-22UN01A060M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.70	0.32	2.50	1.64
	5.0	1	266RL-22UN01A050M	*	*	*	*	*	*	*	*	*	*	*	*	*	3.25	0.38	2.50	1.35
	4.5	1	266RL-22UN01A045M	*	*	*	*	*	*	*	*	*	*	*	*	*	3.62	0.41	2.50	1.06
	4.0	1	266RL-22UN01A040M	*	*	*	*	*	*	*	*	*	*	*	*	*	4.08	0.49	2.60	0.96

Internal right-hand threads - multipoint insert

TPI	NT	Ordering code	P		M		K		N		S		Dimensions, mm							
			1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY
16	16.0	2	266RL-16UN02A160M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	0.09	0.80	1.30
	12.0	2	266RL-16UN02A120M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.33	0.13	2.95	1.88

R = Right hand



C30



C39



C73



C83



H36



H35



H26