

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

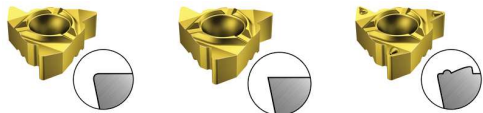
- Insert geometries and grades for all materials
- Tailor Made inserts for almost any thread form or pitch

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

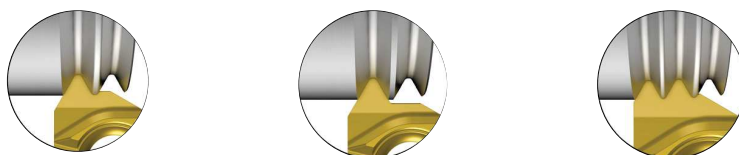
Minimum tool inventory

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.

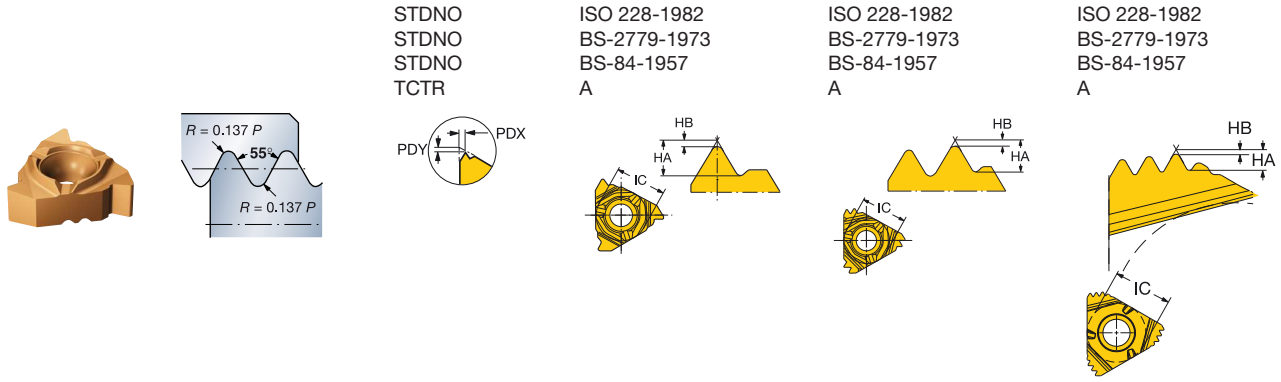


H



CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Full form



External right-hand threads

TPI	NT	Ordering code	Dimensions, mm															
			P		M		K		N		S		H					
			1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125				
16	28.0	1	266RG-16WH01A280M	*	*	*	*	*	*	*	*	*	*	0.72	0.13	0.80	1.32	
26.0	1	266RG-16WH01A260M	*	*	*	*	*	*	*	*	*	*	*	*	0.77	0.14	2.30	1.51
20.0	1	266RG-16WH01A200M	*	*	*	*	*	*	*	*	*	*	*	*	1.01	0.18	0.80	1.32
19.0	1	266RG-16WH01A190M	*	*	*	*	*	*	*	*	*	*	*	*	1.06	0.19	0.80	1.32
19.0	1	266RG-16WH01C190M	*	*	*	*	*	*	*	*	*	*	*	*	1.06	0.19	0.80	1.33
19.0	1	266RG-16WH01F190E	*	*	*	*	*	*	*	*	*	*	*	*	1.06	0.19	0.80	1.32
18.0	1	266RG-16WH01A180M	*	*	*	*	*	*	*	*	*	*	*	*	1.12	0.20	1.00	1.32
16.0	1	266RG-16WH01A160M	*	*	*	*	*	*	*	*	*	*	*	*	1.26	0.23	1.00	1.32
14.0	1	266RG-16WH01A140M	*	*	*	*	*	*	*	*	*	*	*	*	1.44	0.26	1.20	1.32
14.0	1	266RG-16WH01C140M	*	*	*	*	*	*	*	*	*	*	*	*	1.44	0.26	1.20	1.33
14.0	1	266RG-16WH01F140E	*	*	*	*	*	*	*	*	*	*	*	*	1.44	0.26	1.20	1.32
12.0	1	266RG-16WH01A120M	*	*	*	*	*	*	*	*	*	*	*	*	1.68	0.31	1.40	1.32
11.0	1	266RG-16WH01A110M	*	*	*	*	*	*	*	*	*	*	*	*	1.83	0.34	1.40	1.32
11.0	1	266RG-16WH01C110M	*	*	*	*	*	*	*	*	*	*	*	*	1.83	0.34	1.40	1.33
11.0	1	266RG-16WH01F110E	*	*	*	*	*	*	*	*	*	*	*	*	1.83	0.34	1.40	1.32
10.0	1	266RG-16WH01A100M	*	*	*	*	*	*	*	*	*	*	*	*	2.02	0.37	1.40	1.32
9.0	1	266RG-16WH01A090M	*	*	*	*	*	*	*	*	*	*	*	*	2.24	0.42	1.80	1.32
8.0	1	266RG-16WH01A080M	*	*	*	*	*	*	*	*	*	*	*	*	2.52	0.47	1.80	1.32
22	7.0	1	266RG-22WH01A070M	*	*	*	*	*	*	*	*	*	*	2.88	0.54	2.50	1.67	
6.0	1	266RG-22WH01A060M	*	*	*	*	*	*	*	*	*	*	*	*	3.37	0.64	2.50	1.67
5.0	1	266RG-22WH01A050M	*	*	*	*	*	*	*	*	*	*	*	*	4.04	0.77	2.50	1.38
4.5	1	266RG-22WH01A045M	*	*	*	*	*	*	*	*	*	*	*	*	4.49	0.85	2.65	0.98
4.0	1	266RG-22WH01A040M	*	*	*	*	*	*	*	*	*	*	*	*	5.06	0.96	2.75	0.59

External right-hand threads - multipoint insert

TPI	NT	Ordering code	Dimensions, mm											
			P		M		S							
			1020	1125	1020	1125	1020	1125						
16	19.0	3	266RG-16WH03A190M	*	*	*	*	*	*	1.06	0.19	3.30	2.02	
14.0	2	266RG-16WH02A140M	*	*	*	*	*	*	*	*	1.44	0.26	2.70	1.73
22	11.0	2	266RG-22WH02A110E	*	*	*	*	*	*	1.83	0.34	3.40	1.87	

External left-hand threads

TPI	NT	Ordering code	Dimensions, mm								
			P		M		S				
			1125	1125	1125	1125	1125	1125			
16	19.0	1	266LG-16WH01A190M	*	*	*	*	1.06	0.19	0.80	1.32
14.0	1	266LG-16WH01A140M	*	*	*	*	1.44	0.26	1.20	1.32	
11.0	1	266LG-16WH01A110M	*	*	*	*	1.83	0.34	1.40	1.32	

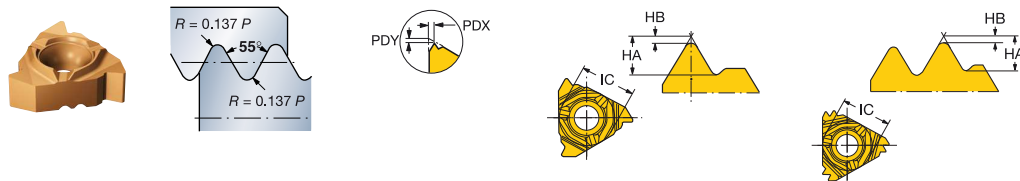
R = Right hand, L = Left hand



CoroThread® 266 insert for thread turning

Whitworth 55° (BSW, BSF, BSP) Full form

B



STDNO
STDNO
STDNO
TCTR

ISO 228-1982
BS-2779-1973
BS-84-1957
A

ISO 228-1982
BS-2779-1973
BS-84-1957
A

C

Internal right-hand threads

TPI	NT	Ordering code	Dimensions, mm																	
			P		M		K		N		S		H							
			1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	1020	1125	HA	HB	PDX	PDY		
16	26.0	1	266RL-16WH01A260M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.78	0.14	0.80	1.30
	20.0	1	266RL-16WH01A200M	*	*	*	*	*	*	*	*	*	*	*	*	*	0.99	0.17	0.80	1.30
	19.0	1	266RL-16WH01A190M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05	0.18	0.80	1.30
	18.0	1	266RL-16WH01A180M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.97	1.00	1.00	1.30
	16.0	1	266RL-16WH01A160M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.25	0.22	1.00	1.30
	14.0	1	266RL-16WH01A140M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.43	0.25	1.20	1.30
	14.0	1	266RL-16WH01C140M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.43	0.25	1.20	1.30
	14.0	1	266RL-16WH01F140E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.43	0.25	1.20	1.30
	12.0	1	266RL-16WH01A120M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.67	0.30	1.40	1.30
	11.0	1	266RL-16WH01A110M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.83	0.33	1.40	1.30
	11.0	1	266RL-16WH01C110M	*	*	*	*	*	*	*	*	*	*	*	*	*	1.83	0.33	1.40	1.30
	11.0	1	266RL-16WH01F110E	*	*	*	*	*	*	*	*	*	*	*	*	*	1.83	0.33	1.40	1.30
	10.0	1	266RL-16WH01A100M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.02	0.37	1.40	1.30
	9.0	1	266RL-16WH01A090M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.24	0.41	1.80	1.30
	8.0	1	266RL-16WH01A080M	*	*	*	*	*	*	*	*	*	*	*	*	*	2.53	0.47	1.80	1.30
	22	7.0	1	266RL-22WH01A070M	*	*	*	*	*	*	*	*	*	*	*	*	2.88	0.53	2.50	1.64
		6.0	1	266RL-22WH01A060M	*	*	*	*	*	*	*	*	*	*	*	*	3.36	0.62	2.50	1.64
		5.0	1	266RL-22WH01A050M	*	*	*	*	*	*	*	*	*	*	*	*	4.03	0.76	2.50	1.35
		4.5	1	266RL-22WH01A045M	*	*	*	*	*	*	*	*	*	*	*	*	4.48	0.85	2.65	0.96
		4.0	1	266RL-22WH01A040M	*	*	*	*	*	*	*	*	*	*	*	*	5.04	0.96	2.75	0.67

E

Internal right-hand threads - multipoint insert

TPI	NT	Ordering code	Dimensions, mm														
			P		M		K		N		S		HA	HB	PDX	PDY	
			1020	1125	1020	1125	1020	1125	1020	1125	1020	1125					
16	14.0	2	266RL-16WH02A140M	*	*	*	*	*	*	*	*	*	*	1.43	0.25	2.70	1.69
22	11.0	2	266RL-22WH02A110E	*	*	*	*	*	*	*	*	*	*	1.83	0.33	3.40	1.83

F

Internal left-hand threads

TPI	NT	Ordering code	Dimensions, mm														
			P		M		K		N		S		H				
			1125	1125	1125	1125	1125	1125	1125	1125	HA	HB	PDX	PDY			
16	14.0	1	266LL-16WH01A140M	*	*	*	*	*	*	*	*	*	*	1.43	0.25	1.20	1.30
	11.0	1	266LL-16WH01A110M	*	*	*	*	*	*	*	*	*	*	1.83	0.33	1.40	1.30

G

R = Right hand, L = Left hand

H

