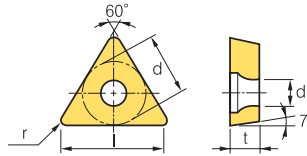


TC



Triangular 60° Positive
Relief Angle: 7°



Dimensions (mm)			
Size	d	t	d ₁
08	4.76	2.38	2.3
09	5.56	2.38	2.5
11	6.35	2.38	2.8
16	9.523	3.97	4.4

Workpiece	Machining types															
	P	M	K	N	S	H										
Steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cast iron	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heat resistant alloy, Titanium alloy	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hardened steel	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

Inserts	Designation	Cermet		Coated		Coated										Uncoated		Cutting Condition										
		CN1500	CN2000	CN2500	CC1500	CC2500	NC3215	NC3120	NC3225	NC3030	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	H01	H05	f _n (mm/rev)	a _p (mm)		
Finishing KF	TCGT 0802003R-KF																									0.01~0.06	0.04~1.30	
	080201R-KF																										0.02~0.08	0.05~1.50
	080202R-KF																										0.03~0.11	0.06~1.70
	0802003L-KF																										0.01~0.06	0.04~1.30
	080201L-KF																										0.02~0.08	0.05~1.50
	080202L-KF																											0.03~0.11
Finishing VP1	TCGT 090204-VP1																										0.04~0.18	0.10~1.00
	16T304-VP1																										0.06~0.20	0.10~1.50
	16T308-VP1																										0.08~0.23	0.10~1.50
Finishing VF	TCMT 110202-VF																										0.03~0.13	0.06~0.70
	110204-VF		●														●										0.05~0.20	0.30~1.20
	110208-VF																●										0.10~0.25	0.30~1.20
	16T302-VF																●										0.05~0.15	0.10~1.30
	16T304-VF										●	●					●										0.05~0.20	0.30~1.50
Finishing VL	TCMT 090208-VL																										0.08~0.20	0.10~1.20
	110204-VL																										0.05~0.15	0.10~1.30
	110208-VL																										0.08~0.20	0.10~1.30
	16T304-VL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	0.05~0.20	0.30~1.50
	16T308-VL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	0.05~0.20	0.30~1.50
Finishing VP1	TCMT 16T304-VP1																										0.06~0.20	0.10~1.50
	16T308-VP1																										0.08~0.23	0.10~1.50
Medium to finishing HMP	TCMT 090204-HMP									●													●				0.06~0.17	0.20~2.30
	090208-HMP																										0.08~0.23	0.40~2.30
	110202-HMP																										0.03~0.15	0.10~1.50
	110204-HMP				●					●	●	●	●				●			●			●				0.06~0.19	0.20~2.50
	110208-HMP											●					●						●				0.09~0.26	0.40~2.50
	16T304-HMP				●					●	●	●					●						●				0.08~0.23	0.30~3.00
16T308-HMP									●	●	●					●						●				0.10~0.30	0.50~3.00	

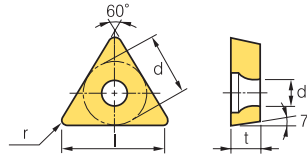
🔄 Cutting edge geometry A52~A61
🔄 Recommended chip breaker B04~B11
🔄 Code system B26~B27
● : Stock item

Available tool holders			
Designation	Page	Designation	Page
STACR/L	B114, 181	STTCR/L	B182, 235
STFCR/L	B182, 234	STWCR/L	B235
STGCR/L	B182		

B Turning Insert (Positive)

TC

Triangular **60° Positive**
Relief Angle: 7°



Dimensions (mm)			
Size	d	t	d ₁
09	5.56	2.38	2.5
11	6.35	2.38	2.8
16	9.523	3.97	4.4

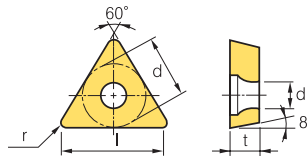
Workpiece	Machining types											
	P	M	K	N	S	H						
Steel	●	●	●	●	●	●	●	●	●	●	●	●
Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●
Cast iron	●	●	●	●	●	●	●	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●	●	●	●	●	●	●	●
Heat resistant alloy, Titanium alloy	●	●	●	●	●	●	●	●	●	●	●	●
Hardened steel	●	●	●	●	●	●	●	●	●	●	●	●

Inserts	Designation	Cermet		Coated										Uncoated		Cutting Condition												
		CN1500	CN2000	CN2500	CC1500	CC2500	NC3215	NC3120	NC3225	NC3030	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	H01	H05	fn (mm/rev)	ap (mm)		
Medium to finishing 	TCMT MP	090204-MP												●	●	●										0.05~0.18	0.10~1.00	
		090208-MP													●	●	●										0.08~0.20	0.10~1.20
		110202-MP						●	●	●				●	●	●				●	●						0.03~0.12	0.20~1.50
		110204-MP						●	●	●				●	●	●				●	●						0.05~0.15	0.20~15.0
		110208-MP						●	●	●				●	●	●	●			●	●						0.10~0.28	0.25~2.00
		16T302-MP																									0.08~0.25	0.20~1.50
		16T304-MP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	0.08~0.20	0.30~2.50
		16T308-MP		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	0.10~0.30	0.50~2.50
		16T312-MP							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	0.20~0.40	0.50~2.50
220408-MP																									0.20~0.40	0.50~3.50		
Medium cutting 	TCMT C25	090204-C25	●	●	●	●	●	●	●	●	●	●	●				●	●		●						0.06~0.18	0.40~2.50	
		090208-C25	●	●	●	●	●	●	●	●	●	●	●				●	●		●						0.08~0.25	0.80~2.50	
		110202-C25	●	●	●	●	●	●	●	●	●	●	●				●	●		●						0.04~0.12	0.40~2.00	
		110204-C25	●	●	●	●	●	●	●	●	●	●	●				●	●		●						0.06~0.20	0.60~2.50	
		110208-C25	●	●	●	●	●	●	●	●	●	●	●				●	●		●			●	●		0.08~0.25	0.80~2.50	
		16T304-C25	●	●	●	●	●	●	●	●	●	●	●	●				●	●		●			●	●		0.08~0.28	0.80~3.00
16T308-C25	●	●	●	●	●	●	●	●	●	●	●	●				●	●		●			●	●		0.10~0.30	1.00~3.00		

➡ Cutting edge geometry A52~A61 ➡ Recommended chip breaker B04~B11 ➡ Code system B26~B27 ● : Stock item

TO

Triangular **60° Positive**
Relief Angle: 8°



Dimensions (mm)			
Size	d	t	d ₁
06	3.97	1.59	2.15
09	5.56	2.38	2.8
14	8.2	3.0	3.8

Workpiece	Machining types											
	P	M	K	N	S	H						
Steel	●	●	●	●	●	●	●	●	●	●	●	●
Stainless steel	●	●	●	●	●	●	●	●	●	●	●	●
Cast iron	●	●	●	●	●	●	●	●	●	●	●	●
Non-ferrous metal	●	●	●	●	●	●	●	●	●	●	●	●
Heat resistant alloy, Titanium alloy	●	●	●	●	●	●	●	●	●	●	●	●
Hardened steel	●	●	●	●	●	●	●	●	●	●	●	●

Inserts	Designation	Cermet		Coated										Uncoated		Cutting Condition												
		CN1500	CN2000	CN2500	CC1500	CC2500	NC3215	NC3120	NC3225	NC3030	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	H01	H05	fn (mm/rev)	ap (mm)		
Medium to finishing 	TOEH	060102L																								0.05~0.17	0.10~1.50	
		090204L																									0.05~0.20	0.30~2.50
		140304L	●																								0.05~0.25	0.30~2.50

➡ Cutting edge geometry A52~A61 ➡ Recommended chip breaker B04~B11 ➡ Code system B26~B27 ● : Stock item

