

TEKNORAY LIST OF INSERTS

16 ER 1.0 ISO MTA	16 IR 1.0 ISO MTA	06 IR A 60 ISO MTA	22 ER 3.50 ISO MTA	16ER/IL 0.4 MTA
16 ER 1.25 ISO MTA	16 IR 1.25 ISO MTA	06 IR A 55 ISO MTA	22 ER 4.00 ISO MTA	16ER/IL 0.5 MTA
16 ER 1.5 ISO MTA	16 IR 1.5 ISO MTA	08 IR A 60 ISO MTA	22 ER 4.50 ISO MTA	16ER/IL 0.6 MTA
16 ER 1.75 ISO MTA	16 IR 1.75 ISO MTA	08 IR A 55 ISO MTA	22 ER 5.00 ISO MTA	16ER/IL 0.75 MTA
16 ER 2.0 ISO MTA	16 IR 2.0 ISO MTA	11 IR 0.5 ISO MTA	22 ER 5.50 ISO MTA	16ER/IL 0.8 MTA
16 ER 2.5 ISO MTA	16 IR 2.5 ISO MTA	11 IR 0.75 ISO MTA	22 ER 6.00 ISO MTA	16ER/IL 1.00 MTA
16 ER 3.0 ISO MTA	16 IR 3.0 ISO MTA	11 IR 1.00 ISO MTA	22 ER N 55 MTA	16ER/IL 1.20 MTA
16 ER A 55 MTA	16 IR A 55 MTA	11 IR 1.50 ISO MTA	22 ER N 60 MTA	16ER/IL 1.40 MTA
16 ER G 55 MTA	16 IR G 55 MTA	11 IR A 55 MTA	22 ER 3.50 TR MTA	16ER/IL 1.50 MTA
16 ER A 60 MTA	16 IR A 60 MTA	11 IR A 60 MTA	22 ER 4.00 TR MTA	16ER/IL 1.70 MTA
16 ER G 60 MTA	16 IR G 60 MTA	11 IR 11 W MTA	22 ER 4.50 TR MTA	16ER/IL 1.95 MTA
16 ER AG 55 MTA	16 IR AG 55 MTA	11 IR 14 W MTA	22 ER 5.00 TR MTA	16ER/IL 2.0 MTA
16 ER AG 60 MTA	16 IR AG 60 MTA	11 IR 14 UN MTA	22 ER 5.50 TR MTA	16ER/IL 2.25 MTA
16 ER 8 UN MTA	16 IR 8 UN MTA	11 IR 16 UN MTA	22 ER 6.00 TR MTA	16ER/IL 2.5 MTA
16 ER 10 UN MTA	16 IR 10 UN MTA	16 ER 1.0 TR MTA	22 IR 3.50 ISO MTA	16ER/IL 3.0 MTA
17 ER 14 UN MTA	17 IR 14 UN MTA	16 ER 1.5 TR MTA	22 IR 4.00 ISO MTA	16IR/EL 0.4 MTA
16 ER 16 UN MTA	16 IR 16 UN MTA	16 ER 2.0 TR MTA	22 IR 4.50 ISO MTA	16IR/EL 0.5 MTA
16 ER 18 UN MTA	16 IR 18 UN MTA	16 ER 2.5 TR MTA	22 IR 5.00 ISO MTA	16IR/EL 0.6 MTA
16 ER 20 UN MTA	16 IR 20 UN MTA	16 ER 3.0 TR MTA	22 IR 5.50 ISO MTA	16IR/EL 0.75 MTA
16 ER 8 W MTA	16 IR 8 W MTA	16 IR 1.0 TR MTA	22 IR 6.00 ISO MTA	16IR/EL 0.8 MTA

16 ER 11 W MTA	16 IR 11 W MTA	16 IR 1.5 TR MTA	22 IR N 55 MTA	16IR/EL 1.00 MTA
16 ER 14 W MTA	16 IR 14 W MTA	16 IR 2.0 TR MTA	22 IR N 60 MTA	16IR/EL 1.20 MTA
16 ER 16 W MTA	16 IR 16 W MTA	16 IR 2.5 TR MTA	22 IR 3.50 TR MTA	16IR/EL 1.40 MTA
16 ER 19 W MTA	16 IR 19 W MTA	16 IR 3.0 TR MTA	22 IR 4.00 TR MTA	16IR/EL 1.50 MTA
16 ER 24 W MTA	16 IR 24 W MTA	TGF32R215 MTA	22 IR 4.50 TR MTA	16IR/EL 1.70 MTA
16 ER 8 NPT MTA	16 IR 8 NPT MTA	TGF32R160 MTA	22 IR 5.00 TR MTA	16IR/EL 1.95 MTA
16 ER 11.5 NPT MTA	16 IR 11.5 NPT MTA	TGF32R200 MTA	22 IR 5.50 TR MTA	16IR/EL 2.0 MTA
16 ER 14 NPT MTA	16 IR 14 NPT MTA	TGF32R250 MTA	22 IR 6.00 TR MTA	16IR/EL 2.25 MTA
16 ER 18 NPT MTA	16 IR 18 NPT MTA	TGF32R150 MTA		16IR/EL 2.5 MTA
16 ER 11.5 NPT MTA	16 IR 11.5 NPT MTA	TGF32R180 MTA		16IR/EL 3.0 MTA
16 ER 11 BSPT MTA	16 IR 11 BSPT MTA	TGF32R170 MTA		
16 ER 14 BSPT MTA	16 IR 14 BSPT MTA	TGF32L150 MTA		
16 ER 19 BSPT MTA	16 IR 19 BSPT MTA			
16 ERM AG 60 MTA	16 IRM AG 60 MTA			
16 ERM AG 55 MTA	16 IRM AG 55 MTA			
16 ERM 1.0 ISO MTA	16 IRM 1.5 ISO MTA			
16 ERM 1.5 ISO MTA	16 IRM 2.0 ISO MTA			
16 ERM 2.0 ISO MTA	16 IRM 3.0 ISO MTA			
16 ERM 3.0 ISO MTA	16 IRM 11 W MTA			
16 ERM 11 W MTA	16 IRM 14 W MTA			
16 ERM 14 W MTA				

For AE9015,the density is 13.8,bending strength is 2.4,HRA 91,P10-P20.Suitable for continuous cutting,has better wear resistance.(similar as T9015)

For AE9025,the density is 13.7,bending strength is 2.5,HRA 90,P20-P30.Suitable for interrupted cutting,has better impact resistance.(similar as T9025)

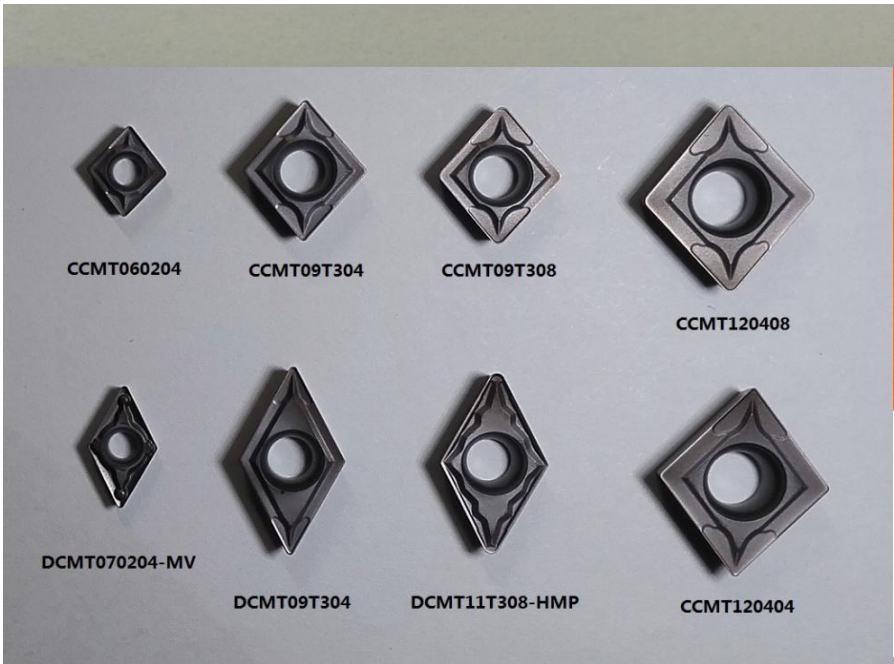
AE9015 and 9025 is suitable to process steel.9015 has better wear resistance, suitable for continuous cutting. 9025 has better impact resistance,suitable for interrupted cutting.(similar as T9015,T9025)

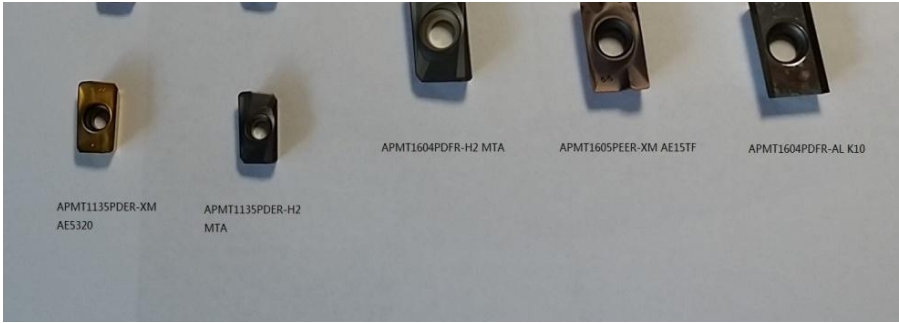
AE11TF and AE15TF is suitable to process stainless steel.AE11TF has better wear resistance, suitable for continuous cutting.AE15TF has better impact resistance,suitable for discontinuous cutting.(similar as vp15tf)

All our threading inserts have PVD coating,including MTA and MTC.All our turning tool inserts and grooving inserts have both PVD(MTA, AE15TF, AE11TF) and CVD(AE9015, AE9025) coating.MTA shows black coating, suitable to process stainless steel or universal use.MTC is yellow , suitable to treat steel,brass and some soft material. AE9015, AE9025 both show yellow coating, suitable to treat steel.K10, K15 is suitable for aluminium. AE11TF is suitable to treat material with hardness. (better wear resistance)AE15TF is suitable to treat stainless steel and steel. (better impact resistance)AE3000 is ceramic inserts.









APMT1135PDER-XM
AES320

APMT1135PDER-H2
MTA

APMT1604PDR-H2 MTA

APMT1605PEER-XM AE15TF

APMT1604PDR-AL K10



MGMN150-G MTA
MGMN200-G AE9025
MGMN300-M AE9025
MGMN400-M AE9025
MGMN500-M AE9025
MGMN200-G MTA
MGMN300-M MTA
MGMN300-M AE15TF
MGMN300-T AE15TF
MGMN400-M MTA
MGMN400-T AE15TF
MGMN500-04-R MTA
MRMN200-G MTA
MRMN300-M MTA
MRMN400-M MTA
CCMT060204-TM MTA
CCMT060204-TM AE1205
CCMT060204 AE15TF
CCMT09T304-TM MTA
CCMT09T304-TM AE1205

CCMT09T304 AE15TF
CCMT09T308-HMP AE15TF
CCMT120404 AE15TF
CCMT120408 AE15TF
DCMT070204-MV AE15TF
DCMT11T304-TM MTA
DCMT11T304-TM AE1205
DCMT11T304 AE15TF
DCMT11T308-HMP AE15TF
TCMT110204 AE15TF
TCMT16T304 AE15TF
TCMT16T308 AE15TF
TNMG160404R-S AE9025
TNMG160404R-S AE9015
TNMG160408R-S AE9025
TNMG160408R-S AE9015
TNMG160404L-S AE9025
TNMG160408L-S AE9025
TNMG160404-TM AE9015
TNMG160408-TM AE9015
TNMG160412-TM AE9015
TNMG160404-TM AE9025
TNMG160408-TM AE9025
TNMG160412-TM AE9025
TNMG160408-PM AE9025
TNMG160408-HQ AE9025
TNMG160408-CQ AE9025

TNMG160412-PR AE9025
TNMG160404-MT AE9015
TNMG160418-MTAE9015
TNMG160404-AH AE15TF
TNMG160408-AH AE15TF
TNMG160404-MS AE11TF
TNMG160408-MS AE11TF
TNMG160404-MA AE15TF
TNMG160408-MA AE15TF
TNMG160404-HS AE15TF
TNMG160408-HS AE15TF
TNMG160408-MQ AE15TF
TNMG220412 AE9025
WNMG080404-TM AE9015
WNMG080404-TM AE9025
WNMG080408-TM AE9015
WNMG080408-TM AE9025
WNMG080412-TM AE9025
WNMG080408-HQ AE9015
WNMG080408-PS AE9015
WNMG080408-PR AE9015
WNMG080404-MT AE9015
WNMG080408-MT AE9015
WNMG080404-HA AE15TF
WNMG080408-HA AE15TF
WNMG080404-HS AE15TF

WNMG080408-HS AE15TF
WNMG080404-MS AE15TF
WNMG080408-MS AE15TF
WNMG080404-MA AE15TF
WNMG080408-MA AE15TF
WNMG080408-MQ AE15TF
CNMG120404-TM AE9015
CNMG120404-TM AE9025
CNMG120408-TM AE9015
CNMG120408-TM AE9025
CNMG120404-HS AE15TF
CNMG120408-HS AE15TF
CNMG120404-MA AE15TF
CNMG120408-MA AE15TF
CNMG120404-MS AE15TF
CNMG120408-MS AE15TF
CNMG160608-PM AE9025
CNMG160612-PM AE9025
CNMG190612-PM AE9025
DNMG110408-HM AE9015
DNMG150404-HM AE9015
DNMG150608-PM AE9025
VNMG160404-TM AE9025
VNMG160408-TM AE9025
VNMG160404-HS AE15TF
VNMG160408-HS AE15TF

VNMG160408-MS AE15TF
VBMT160404-MV AE15TF
VBMT160408-MV AE15TF
SNMG120404-HA AE15TF
SNMG120404-HS AE15TF
SNMG120408-MA AE15TF
SNMG120408-MS AE15TF
SNMG150612-CM2 AE9025
APMT1135PDER-H2 AE15TF
APMT1604PDER-H2 AE15TF
APMT1135PDER-M2 AE15TF
APMT1604PDER-M2 AE15TF
APMT1135PDER-XM AE15TF
APMT1604PEER-XM AE15TF
APMT1135PDER-XM AE5320
APMT1604PEER-XM AE5320
RPMT1003MO-TT AE5320
RPMT10T3MOE-JS AE15TF
RPMT1204MO-TT AE15TF
RDMT1204MO AE5230
RDRW1604MOT23 AE9025
RCRT1606MOT23 AE9025
SEKT1204AFFN MTC
SEKT1204AFTN-XM AE15TF
APKT1135PDFR-AL K10

APKT1604PDFR-AL K10
CCGT060204-AL K10
CCGT09T302-AL K10
CCGT09T304-AL K10
CCGT09T308-AL K10
CCGT120404-AL K10
DCGT070202-AL K10
DCGT070204-AL K10
DCGT11T302-AL K10
DCGT11T304-AL K10
TCGT090204-AL K10
TCGT110202-AL K10
TCGT110204-AL K10
TCGT16T302-AL K10
TCGT16T304-AL K10
VCGT110302-AL K10
VCGT110304-AL K10
VCGT160402-AL K10
VCGT160404-AL K10
SCGT09T304-AL K10
SEHT1204AFFN-AL K10
TNMG160404-HA K10
WNMG080404-HA K10
CNMG120404-HA K10
RCGT10T3MO-AL K10
RCGT1204MO-AL K10

DNMG150404R-S AE3000
DNMG150404R-VF AE3000
CCMT060204-MT AE3000
CCMT09T304-MT AE3000
CCMT09T304-TC AE3000
CCMT09T304-FG AE3000
WNMG080404-TC AE3000
WNMG080404-MT AE3000
WNMG080404-TS AE3000
TNMG160404R-VF AE3000
TNMG160404-TC AE3000
DCMT11T304-MT AE3000