

For more information on Turning Inserts ANSI Standards, see [grainger.com/cuttingtoolsstandards](http://grainger.com/cuttingtoolsstandards)

ISO Grade	Application	First Choice Grade
K	Cast Iron	WAK15, WKP25S, WKP35S,
N	Non Ferrous	WK10, WMG40, WXN15,
M	Stainless	WSM35, WSM35S, WSP45S
S	Steel	WKP25S, WKP35S, WSP45S,
P	Super Alloy	WSM35, WSM35S



## Milling Inserts

■ Sold in pkg. of 10 only Note: For additional sizes, go to [Grainger.com](http://Grainger.com)®.

	ANSI No.	Inscribed Circle	Nose Radius	Grade	Item No.
<b>Ballnose</b>					
	XDMT2506159R-F55 WKP25S	0.984 in	0.625"	WKP25S	44T728
<b>Octagon</b>					
	ODHT0504ZZN-F57 WKP35S	½ in	0.031"	WKP35S	44U165
	ODHT0504ZZN-G88 WK10	½ in	0.031"	WK10	44U170
	ODHW0605ZZN-A57 WAK15	½ in	0.031"	WAK15	44U207
	ODMT0504ZZN-D57 WKP35S	½ in	0.031"	WKP35S	44U224
	ODMT0605ZZN-D57 WKP25S	¾ in	0.031"	WKP25S	44U236
<b>Parallelogram</b>					
	ADGT10T3PER-D67	—	0.031"	WSP45S	35RE10
	ADGT10T3PER-D67 WKP35S	0.285 in	0.031"	WKP35S	44R313
	ADGT10T3PER-G77	—	0.031"	WSP45S	35RE11
	ADGT10T330R-D67	—	0.118"	WSP45S	35RE09
	ADGT0803PER-D51	—	0.031"	WSP45S	35RE05
	ADGT0803PER-D51 WKP25S	0.266 in	0.016"	WKP25S	44R274
	ADGT0803PER-D51 WKP35S	0.266 in	0.016"	WKP35S	44R276
	ADGT0803PER-F56	—	0.016"	WSP45S	35RE07
	ADGT1204PER-D51	—	0.031"	WSP45S	35RE16
	ADGT1204PER-D51 WKP25S	0.331 in	0.031"	WKP25S	44R331
	ADGT1204PER-D51 WKP35S	0.331 in	0.031"	WKP35S	44R333
	ADGT1204PER-D56	—	0.031"	WSP45S	35RE17
	ADGT1204PER-D56 WKP25S	0.331 in	0.031"	WKP25S	44R337
	ADGT1204PER-D56 WKP35S	0.331 in	0.031"	WKP35S	44R339
	ADGT1204PER-D67	—	0.031"	WSP45S	35RE18
	ADGT1204PER-D67 WKP35S	0.331 in	0.031"	WKP35S	44R343
	ADGT1204PER-F56	—	0.031"	WSP45S	35RE19
	ADGT1204PER-G77	—	0.031"	WSP45S	35RE20
	ADGT1606PER-D51	—	0.031"	WSP45S	35RE29
	ADGT1606PER-D51 WKP25S	0.425 in	0.031"	WKP25S	44R368
	ADGT1606PER-D51 WKP35S	0.425 in	0.031"	WKP35S	44R370
	ADGT1606PER-D56	—	0.031"	WSP45S	35RE30
	ADGT1606PER-D56 WKP25S	0.425 in	0.031"	WKP25S	44R374
	ADGT1606PER-D56 WKP35S	0.425 in	0.031"	WKP35S	44R376
	ADGT1606PER-D67	—	0.031"	WSP45S	35RE31
	ADGT1606PER-D67 WKP35S	0.425 in	0.031"	WKP35S	44R380
	ADGT1606PER-F56	—	0.031"	WSP45S	35RE32
	ADGT1606PER-G77	—	0.031"	WSP45S	35RE33
	ADGT1807PER-D51 WKP35S	0.571 in	0.047"	WKP35S	44R390
	ADGT1807PER-D56	—	0.047"	WSP45S	35RE35
	ADGT1807PER-D56 WKP35S	0.571 in	0.047"	WKP35S	44R395
	ADGT120404R-F56	—	0.016"	WSP45S	35RE12
	ADGT120416R-D67	—	0.063"	WSP45S	35RE13
	ADGT120430R-F56	—	0.118"	WSP45S	35RE14
	ADGT120440R-F56	—	0.157"	WSP45S	35RE15
	ADGT160612R-F56	—	0.047"	WSP45S	35RE21
	ADGT160616R-D67	—	0.063"	WSP45S	35RE22
	ADGT160616R-F56	—	0.063"	WSP45S	35RE23
	ADGT160620R-F56	—	0.079"	WSP45S	35RE24
	ADGT160632R-F56	—	0.126"	WSP45S	35RE26
	ADGT160640R-F56	—	0.157"	WSP45S	35RE27
	ADHT10T3PER-G88 WK10	0.285 in	0.031"	WK10	44R403
	ADHT10T3PER-G88 WXN15	0.285 in	0.031"	WXN15	44R404
	ADHT0803PEL-G88 WXN15	0.266 in	0.016"	WXN15	44R399
	ADHT0803PER-G88 WK10	0.266 in	0.016"	WK10	44R401
	ADHT0803PER-G88 WXN15	0.266 in	0.016"	WXN15	44R402
	ADHT1204PEL-G88 WXN15	0.331 in	0.031"	WXN15	44R422
	ADHT1204PER-G88 WK10	0.331 in	0.031"	WK10	44R423
	ADHT1204PER-G88 WXN15	0.331 in	0.031"	WXN15	44R424
	ADHT1606PEL-G88 WXN15	0.425 in	0.031"	WXN15	44R442
	ADHT1606PER-G88 WK10	0.425 in	0.031"	WK10	44R443
	ADHT1606PER-G88 WXN15	0.425 in	0.031"	WXN15	44R444
	ADHT120416L-G88 WXN15	0.331 in	0.063"	WXN15	44R406
	ADHT120416R-G88 WK10	0.331 in	0.063"	WK10	44R407
	ADHT120416R-G88 WXN15	0.331 in	0.063"	WXN15	44R408
	ADHT120430L-G88 WXN15	0.331 in	0.118"	WXN15	44R414
	ADHT120430R-G88 WK10	0.331 in	0.118"	WK10	44R415
	ADHT120430R-G88 WXN15	0.331 in	0.118"	WXN15	44R416
	ADHT120440L-G88 WXN15	0.331 in	0.157"	WXN15	44R418
	ADHT120440R-G88 WK10	0.331 in	0.157"	WK10	44R419
	ADHT160616L-G88 WXN15	0.425 in	0.063"	WXN15	44R426
	ADHT160616R-G88 WK10	0.425 in	0.063"	WK10	44R427
	ADHT160616R-G88 WXN15	0.425 in	0.063"	WXN15	44R428
	ADHT160630R-G88 WK10	0.425 in	0.118"	WK10	44R435
	ADHT160640R-G88 WK10	0.425 in	0.157"	WK10	44R439
	ADKT10T3PER-F56	—	0.031"	WSP45S	35RD37
	ADKT10T3PER-F56 WKP25S	0.285 in	0.031"	WKP25S	44R456
	ADKT10T3PER-F56 WKP35S	0.285 in	0.031"	WKP35S	44R458



Octagonal  
ODHT



Rectangle  
LNHH



Rhombic  
ZDGT



Square  
SPMT



Triangular  
P

	ANSI No.	Inscribed Circle	Nose Radius	Grade	Item No.
	ADKT0803PEL-F56	—	0.016"	WSP45S	35RD35
	ADKT0803PER-F56 WKP35S	0.266 in	0.016"	WKP35S	44R446
	ADKT0803PER-F56	—	0.016"	WSP45S	35RD36
	ADKT0803PER-F56 WAK15	0.266 in	0.016"	WAK15	44R448
	ADKT0803PER-F56 WKP25S	0.266 in	0.016"	WKP25S	44R450
	ADKT0803PER-F56 WKP35S	0.266 in	0.016"	WKP35S	44R452
	ADKT1204PEL-F56	—	0.031"	WSP45S	35RD38
	ADKT1204PER-F56 WKP35S	0.331 in	0.031"	WKP35S	44R462
	ADKT1204PER-F56	—	0.031"	WSP45S	35RD39
	ADKT1204PER-F56 WAK15	0.331 in	0.031"	WAK15	44R464
	ADKT1204PER-F56 WKP25S	0.331 in	0.031"	WKP25S	44R466
	ADKT1204PER-F56 WKP35S	0.331 in	0.031"	WKP35S	44R468
	ADKT1606PEL-F56	—	0.031"	WSP45S	35RD40
	ADKT1606PER-F56 WKP35S	0.425 in	0.031"	WKP35S	44R471
	ADKT1606PER-F56	—	0.031"	WSP45S	35RD41
	ADKT1606PER-F56 WAK15	0.425 in	0.031"	WAK15	44R473
	ADKT1606PER-F56 WKP25S	0.425 in	0.031"	WKP25S	44R475
	ADKT1606PER-F56 WKP35S	0.425 in	0.031"	WKP35S	44R477
	ADMT10T308R-F56	—	0.031"	WSP45S	35RE46
	ADMT10T308R-F56 WKP35S	0.285 in	0.031"	WKP35S	44R539
	ADMT080302R-F56	—	0.008"	WSP45S	35RE36
	ADMT080302R-F56 WKP35S	0.266 in	0.008"	WKP35S	44R480
	ADMT080304L-F56	—	0.016"	WSP45S	35RE37
	ADMT080304R-F56 WKP35S	0.266 in	0.016"	WKP35S	44R485
	ADMT080304R-F56	—	0.016"	WSP45S	35RE38
	ADMT080304R-D56 WAK15	0.266 in	0.016"	WAK15	44R487
	ADMT080304R-D56 WKP25S	0.266 in	0.016"	WKP25S	44R490
	ADMT080304R-D56 WKP35S	0.266 in	0.016"	WKP35S	44R492
	ADMT080304R-F56	—	0.016"	WSP45S	35RE39
	ADMT080304R-F56 WAK15	0.266 in	0.016"	WAK15	44R494
	ADMT080304R-F56 WKP25S	0.266 in	0.016"	WKP25S	44R497
	ADMT080304R-F56 WKP35S	0.266 in	0.016"	WKP35S	44R499
	ADMT080304R-G56 WKP35S	0.266 in	0.016"	WKP35S	44R506
	ADMT080308L-F56	—	0.031"	WSP45S	35RE40
	ADMT080308L-F56 WKP35S	0.266 in	0.031"	WKP35S	44R512
	ADMT080308R-F56	—	0.031"	WSP45S	35RE41
	ADMT080308R-F56 WKP35S	0.266 in	0.031"	WKP35S	44R515
	ADMT080312R-F56	—	0.047"	WSP45S	35RE42
	ADMT080312R-F56 WKP35S	0.266 in	0.047"	WKP35S	44R520
	ADMT080316R-F56	—	0.063"	WSP45S	35RE43
	ADMT080316R-F56 WKP35S	0.266 in	0.063"	WKP35S	44R524
	ADMT120404R-F56	—	0.016"	WSP45S	35RE53
	ADMT120408R-D56 WKP35S	0.331 in	0.031"	WKP35S	44R595
	ADMT160608R-F56 WKP25S	0.425 in	0.031"	WKP25S	44R671
	ADMT160608R-G56 WKP35S	0.425 in	0.031"	WKP35S	44R679
	ADMT160612R-F56	—	0.047"	WSP45S	35RE68
	XDMT16T3095R-F55	—	0.375"	WSP45S	35RD21
<b>Rectangle</b>					
	LNHU090420R-L55T WSM35S	0.3540 in	0.016"	WSM35S	44R832
	LNHU130608R-L55T WSM35S	0.5120 in	0.031"	WSM35S	44R860
	LNHU130632R-L55T WSP45S	0.5120 in	0.126"	WSP45S	44R874
<b>Rhombic</b>					
	LNGX130708R-L55 WKP25S	0.4330 in	0.031"	WKP25S	44R752
	LNGX130708R-L88 WK10	0.4330 in	0.031"	WK10	44R757
	LNHU090412R-L55T WSP45S	0.3540 in	0.016"	WSP45S	44R831
	LNHX070204-F57T WKP25S	0.2750 in	0.016"	WKP25S	44R891
	LPMT15T308R-D51 WKP25S	¾ in	0.031"	WKP25S	44T595
	LPMT150412R-D51 WKP35S	½ in	0.047"	WKP35S	44T587
	ZDGT150412R-K85 WK10	0.5910 in	0.016"	WK10	44T762
<b>Square</b>					
	SDMW09T3AEN-A57 WKP25S	¾ in	0.020"	WKP25S	44T527
	SDMW09T3AEN-A57 WKP35S	¾ in	0.020"	WKP35S	44T529
	SNGX1205ANN-F57	½ in	Chamfer	WSP45S	35RD51
	SNGX1205ANN-F57 WKP35S	½ in	0.059"	WKP35S	44T957
	SNGX1205ZNN-F67 WKP35S	½ in	0.047"	WKP35S	44U001
	SNHX1205ANN-K88 WK10	½ in	0.059"	WK10	44U023
	SNHX1205ANN-K88 WXN15	½ in	0.059"	WXN15	44U024
	SNMX1205ANN-F57 WKP35S	½ in	0.059"	WKP35S	44U068
	SNMX120512-F57 WKP35S	¾ in	0.047"	WKP35S	44U038
	SPMT120408-D51 WKP35S	½ in	0.031"	WKP35S	44T448
<b>Triangle</b>					
	P26335R14	¾ in	0.047"	WSP45S	35RD70
	P26335R14 WKP35S	¾ in	0.047"	WKP35S	44T615
	P26339R25	0.5120 in	0.079"	WSP45S	35RD72