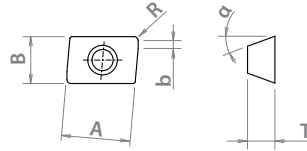




List 78PSE

OSG PHOENIX® PSE / PSEL / PMD INSERTS

PACKED
10 PIECE



EDP Number	Designation	Number of Cutting Edges	Insert Size						Grade
			AxB (mm)	T (mm)	α (°)	R (mm)	b (mm)	Aa Max (mm)	
7811112	ZDKT070302FR-NM	2	8.2 x 4	2.54	15.00	0.20	1.10	6.00	CK010
7811113	ZDKT070304FR-NM	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	CK010
7812114	ZDKT070304SR-GM	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XC1015
7812115	ZDKT070308SR-GM	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XC1015
7825127	ZDKT070304SR-GL	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XC3030
7825129	ZDKT070308SR-GL	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XC3030
7825128	ZDKT070304SR-GM	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XC3030
7825130	ZDKT070308SR-GM	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XC3030
7826121	ZDKT070304SR-GL	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XP2025
7826122	ZDKT070308SR-GL	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XP2025
7813117	ZDKT070304SR-GL	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XP2040
7813119	ZDKT070308SR-GL	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XP2040
7813116	ZDKT070302SR-GM	2	8.2 x 4	2.54	15.00	0.20	1.10	6.00	XP2040
7813118	ZDKT070304SR-GM	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XP2040
7813120	ZDKT070308SR-GM	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XP2040
7814123	ZDKT070304SR-GL	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XP3035
7814125	ZDKT070308SR-GL	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XP3035
7814124	ZDKT070304SR-GM	2	8.2 x 4	2.54	15.00	0.40	0.90	6.00	XP3035
7814126	ZDKT070308SR-GM	2	8.2 x 4	2.54	15.00	0.80	0.50	6.00	XP3035
7811010	ZDHT11T302FR-NM	2	11 x 6.8	3.50	15.00	0.20	2.00	10.00	CK010
7811024	ZDHT11T304FR-NM	2	11 x 6.8	3.50	15.00	0.40	1.80	10.00	CK010
7811014	ZDHT11T308FR-NM	2	11 x 6.8	3.50	15.00	0.80	1.40	10.00	CK010
7811015	ZDHT11T312FR-NM	2	11 x 6.8	3.50	15.00	1.20	1.40	10.00	CK010
7811017	ZDHT11T316FR-NM	2	11 x 6.8	3.50	15.00	1.60	1.40	10.00	CK010
7811018	ZDHT11T320FR-NM	2	11 x 6.8	3.50	15.00	2.00	1.40	10.00	CK010
7811019	ZDHT11T325FR-NM	2	11 x 6.8	3.50	15.00	2.50	1.40	10.00	CK010
7811020	ZDHT11T332FR-NM	2	11 x 6.8	3.50	15.00	3.20	0.80	10.00	CK010
7811021	ZDHT11T340FR-NM	2	11 x 6.8	3.50	15.00	4.00	-	10.00	CK010
7811022	ZDHT11T350FR-NM	2	11 x 6.8	3.50	15.00	5.00	-	10.00	CK010
7811048	ZDKT11T302FR-NM	2	11 x 6.8	3.80	15.00	0.20	2.00	10.00	CK010
7811049	ZDKT11T304FR-NM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	CK010
7811023	ZDKT11T308FR-NM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	CK010
7812025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XC1015
7812033	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC1015
7827026	ZDKT11T308SR-GL	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC3020

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED ➔

Insert Grade	Chip Breaker	Coolant	P	M	K	N	S	H
			Steel	Stainless Steel	Cast Iron	Non-Ferrous	HRSA	Hardened Steel
CK010	NM	Y				⊙		
XC1015	GM / GR	N			⊙			
XC3020	GL / GM / GR	N	⊙		⊙			
XC3030	GL / GM / GR	N	⊙		⊙			
XC5035	SM	Y		⊙			⊙	
XC5040	SM	Y		⊙			⊙	
XP2025	GL / GM	Y	⊙	⊙			⊙	
XP2040	GL / GM / GR	Y	⊙	⊙			⊙	⊙
XP3025	GL / GM / GR	Y	⊙		⊙			
XP3035	GL / GM / GR	N	⊙	⊙	⊙			
XP6015	HR	N	⊙		⊙			⊙

GL:Light Cutting GM:Medium Cutting GR: Rough Cutting NM:Aluminum SM:Heat Resistant Alloy HR: Hardened Steel

○ Good ⊙ Best

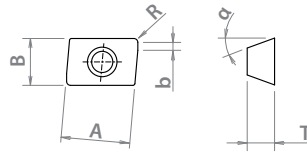




PACKED
10 PIECE

List 78PSE (Continued)

OSG PHOENIX[®] PSE / PSEL / PMD INSERTS



EDP Number	Designation	Number of Cutting Edges	Insert Size						Grade
			AxB (mm)	T (mm)	α (°)	R (mm)	b (mm)	Aa Max (mm)	
7827025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XC3020
7827032	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC3020
7827033	ZDKT11T308SR-GR	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC3020
7825024	ZDKT11T304SR-GL	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XC3030
7825026	ZDKT11T308SR-GL	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC3030
7825035	ZDKT11T320SR-GL	2	11 x 6.8	3.80	15.00	2.00	2.10	10.00	XC3030
7825025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XC3030
7825032	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC3030
7825039	ZDKT11T325SR-GM	2	11 x 6.8	3.80	15.00	2.50	1.60	10.00	XC3030
7825033	ZDKT11T308SR-GR	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC3030
7815027	ZDKT11T316ER-SM	2	11 x 6.8	3.80	15.00	1.60	0.80	10.00	XC5035
7815031	ZDKT11T308ER-SM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC5035
7816027	ZDKT11T316ER-SM	2	11 x 6.8	3.80	15.00	1.60	0.80	10.00	XC5040
7816031	ZDKT11T308ER-SM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XC5040
7816034	ZDKT11T304ER-SM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XC5040
7816040	ZDKT11T312ER-SM	2	11 x 6.8	3.80	15.00	1.20	1.10	10.00	XC5040
7816041	ZDKT11T320ER-SM	2	11 x 6.8	3.80	15.00	2.00	0.30	10.00	XC5040
7816042	ZDKT11T325ER-SM	2	11 x 6.8	3.80	15.00	2.50	-	10.00	XC5040
7816043	ZDKT11T332ER-SM	2	11 x 6.8	3.80	15.00	3.20	-	10.00	XC5040
7816044	ZDKT11T340ER-SM	2	11 x 6.8	3.80	15.00	4.00	-	10.00	XC5040
7826026	ZDKT11T308SR-GL	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP2025
7826025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XP2025
7826032	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP2025
7813026	ZDKT11T308SR-GL	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP2040
7813034	ZDKT11T312SR-GL	2	11 x 6.8	3.80	15.00	1.20	1.00	10.00	XP2040
7813035	ZDKT11T320SR-GL	2	11 x 6.8	3.80	15.00	2.00	2.10	10.00	XP2040
7813036	ZDKT11T332SR-GL	2	11 x 6.8	3.80	15.00	3.20	1.50	10.00	XP2040
7813025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XP2040
7813032	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP2040
7813053	ZDKT11T312SR-GM	2	11 x 6.8	3.80	15.00	1.20	1.00	10.00	XP2040
7813038	ZDKT11T320SR-GM	2	11 x 6.8	3.80	15.00	2.00	2.10	10.00	XP2040
7813054	ZDKT11T330SR-GM	2	11 x 6.8	3.80	15.00	3.00	1.50	10.00	XP2040
7813055	ZDKT11T340SR-GM	2	11 x 6.8	3.80	15.00	4.00	-	10.00	XP2040
7813033	ZDKT11T308SR-GR	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP2040
7828026	ZDKT11T308SR-GL	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP3025
7828025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XP3025
7828032	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP3025
7828033	ZDKT11T308SR-GR	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP3025
7814024	ZDKT11T304SR-GL	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XP3035
7814026	ZDKT11T308SR-GL	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP3035
7814035	ZDKT11T320SR-GL	2	11 x 6.8	3.80	15.00	2.00	2.10	10.00	XP3035
7814025	ZDKT11T304SR-GM	2	11 x 6.8	3.80	15.00	0.40	1.80	10.00	XP3035
7814032	ZDKT11T308SR-GM	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP3035
7814053	ZDKT11T312SR-GM	2	11 x 6.8	3.80	15.00	1.20	1.00	10.00	XP3035
7814038	ZDKT11T320SR-GM	2	11 x 6.8	3.80	15.00	2.00	2.10	10.00	XP3035
7814039	ZDKT11T325SR-GM	2	11 x 6.8	3.80	15.00	2.50	1.60	10.00	XP3035
7814054	ZDKT11T330SR-GM	2	11 x 6.8	3.80	15.00	3.00	1.50	10.00	XP3035
7814055	ZDKT11T340SR-GM	2	11 x 6.8	3.80	15.00	4.00	-	10.00	XP3035
7814033	ZDKT11T308SR-GR	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP3035
7824035	ZDKT11T308SR-HR	2	11 x 6.8	3.80	15.00	0.80	1.40	10.00	XP6015
7811046	ZDKT150508FR-NM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	CK010
7812058	ZDKT150508SR-GR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC1015
7812029	ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC1015

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked





List 78PSE (Continued)

OSG PHOENIX® PSE / PSEL / PMD INSERTS

PACKED
10 PIECE

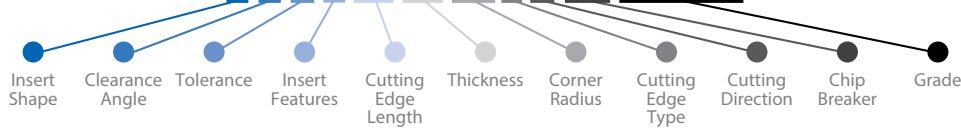
EDP Number	Designation	Number of Cutting Edges	Insert Size						Grade
			AxB (mm)	T (mm)	α (°)	R (mm)	b (mm)	Aa Max (mm)	
7827057	● ZDKT150508SR-GL	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC3020
7827028	● ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC3020
7827058	● ZDKT150508SR-GR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC3020
7825057	● ZDKT150508SR-GL	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC3030
7825029	● ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC3030
7825058	● ZDKT150508SR-GR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC3030
7815056	● ZDKT150508ER-SM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC5035
7816056	● ZDKT150508ER-SM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XC5040
7826057	● ZDKT150508SR-GL	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP2025
7826029	● ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP2025
7813057	● ZDKT150508SR-GL	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP2040
7813028	● ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP2040
7813077	● ZDKT150512SR-GM	2	15 x 9.3	5.56	15.00	1.20	1.20	14.00	XP2040
7813078	● ZDKT150516SR-GM	2	15 x 9.3	5.56	15.00	1.60	0.80	14.00	XP2040
7813079	● ZDKT150520SR-GM	2	15 x 9.3	5.56	15.00	2.00	2.10	14.00	XP2040
7813080	● ZDKT150530SR-GM	2	15 x 9.3	5.56	15.00	3.00	1.90	14.00	XP2040
7813081	● ZDKT150540SR-GM	2	15 x 9.3	5.56	15.00	4.00	1.10	14.00	XP2040
7813082	● ZDKT150550SR-GM	2	15 x 9.3	5.56	15.00	5.00	0.70	14.00	XP2040
7813058	● ZDKT150508SR-GR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP2040
7828057	● ZDKT150508SR-GL	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP3025
7828028	● ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP3025
7828058	● ZDKT150508SR-GR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP3025
7814057	● ZDKT150508SR-GL	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP3035
7814029	● ZDKT150508SR-GM	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP3035
7814077	● ZDKT150512SR-GM	2	15 x 9.3	5.56	15.00	1.20	1.20	14.00	XP3035
7814078	● ZDKT150516SR-GM	2	15 x 9.3	5.56	15.00	1.60	0.80	14.00	XP3035
7814079	● ZDKT150520SR-GM	2	15 x 9.3	5.56	15.00	2.00	2.10	14.00	XP3035
7814080	● ZDKT150530SR-GM	2	15 x 9.3	5.56	15.00	3.00	1.90	14.00	XP3035
7814081	● ZDKT150540SR-GM	2	15 x 9.3	5.56	15.00	4.00	1.10	14.00	XP3035
7814082	● ZDKT150550SR-GM	2	15 x 9.3	5.56	15.00	5.00	0.70	14.00	XP3035
7814058	● ZDKT150508SR-GR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP3035
7824036	● ZDKT150508SR-HR	2	15 x 9.3	5.56	15.00	0.80	1.60	14.00	XP6015

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked

PXI

DESIGNATION EXPLANATION

ZDKT11T308SR-GLXP3035



See Full Detail on Pages 1522-1523

Insert Grade	Chip Breaker	Coolant	P	M	K	N	S	H
			Steel	Stainless Steel	Cast Iron	Non-Ferrous	HRSA	Hardened Steel
CK010	NM	Y				⊙		
XC1015	GM / GR	N			⊙			
XC3020	GL / GM / GR	N	⊙		○			
XC3030	GL / GM / GR	N	⊙		○			
XC5035	SM	Y		⊙			○	
XC5040	SM	Y		○			⊙	
XP2025	GL / GM	Y	○	⊙			○	
XP2040	GL / GM / GR	Y	○	⊙			○	○
XP3025	GL / GM / GR	Y	⊙		○			
XP3035	GL / GM / GR	N	⊙	○	○			
XP6015	HR	N	○		○			⊙

GL:Light Cutting GM:Medium Cutting GR: Rough Cutting NM:Aluminum SM:Heat Resistant Alloy HR: Hardened Steel

○ Good ⊙ Best

