


Multi-Drill Series

Advantages

- Unique curved flute design has proven to enhance chip formation and removal, resulting in better hole accuracy.
- High speed and high efficient drilling is made possible with the combination of a special substrate with an advance PVD coating. (10x tool life of HSS drills, 5x the efficiency)
- Wide selection range (Diameter: 0,03 ~ 65mm, Drilling depths L/D: 2 ~ 30)



Brazed Carbide Type and Insert Type Multi-Drills Selection

	KDS ... 000 ⇨ K35				SMD ... ⇨ K43, K48 New	WDX ... 00	PDL ... 00	PCT ... 00	SUMIDIA (PCD)
Type	MAK	LAK	DAK	FA	SMDT ... D MTL ⇨ K45 New SMDT ... MTL ⇨ K49 New	New WAS ... ⇨ K56			DAL/DDI/DML
Page	⇨ K36~37	⇨ K38~39	⇨ K40~41	⇨ K42	SMDT ... D MEL ⇨ K46~47 SMDH ... M-3/5/8 ⇨ K44 SMDH ... M/L/D ⇨ K49 New	⇨ K50~59	⇨ K60~62	⇨ K60~62	⇨ K63~64
					 				
Application	PMKS			KN	PMK	PMKN			N
Form	h7 drill			h8 drill	SMDT type carbide head	Indexable insert drill	Straight type insert drill	Insert mill	Straight type, Step type
Length (The ratio to øD)	3D	5D	7D	10D	3D / 5D / 8D	2D / 3D / 4D / 5D	2D / 3D	3D / 5D	3D / 5D
Coolant holes	Yes			Yes	Yes	Yes			No
Coating	TiAlN			–	TiAlN	WDXT type insert			–
Diameter range	ø 9,5 ~ ø 40,5			ø 8,0 ~ ø 30,5	ø 12,0 ~ ø 42,5 New	ø 13,0 ~ ø 65,0	ø 16,0 ~ ø 40,0	ø 5,0 ~ ø 12,0	