

KRUZ "K" series drill body & insert

Caution !!!

"K" series inserts (IDFK or IDPK) should use only with "K" series body (KRUZ-SLK or FSLK) to avoid drilling failure.

IDFK Carbide insert

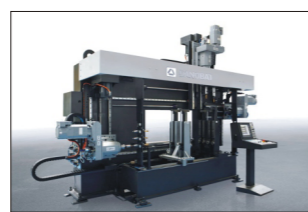
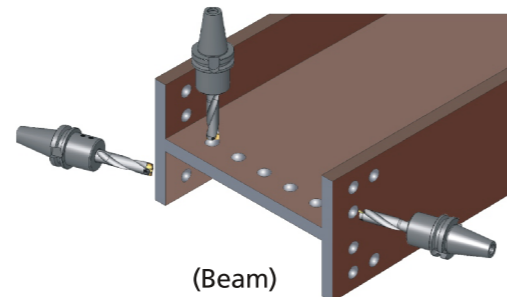
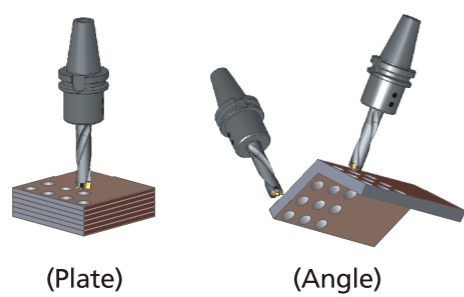
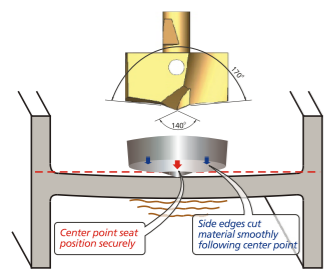
- Carbide insert completely grinded by CNC program
- Patented 140°+170° dual angle flat bottom point
- TiAlN coated insert offers wear resistance and higher feed rate
- Designed exclusively for structural beam, angle or single plate drilling

IDPK Carbide insert

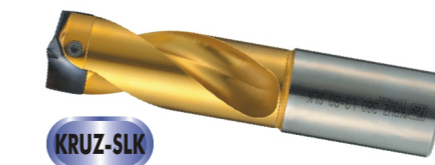
- Carbide insert completely grinded by CNC program
- Patented 130°+150° dual point angle
- TiAlN coated insert offers wear resistance and higher feed rate
- Appropriate insert design for stack plates drilling

KRUZ-SLK Drill body

- Rigid drill body made of special premium steel and heat treated
- TiN coated body to enable longer tool life and higher lubricity
- Special flute design to increase faster chip's ejection rate
- Enabling to mount 0.5mm inclusive both IDFK & IDPK inserts
- Stubby length to perform maximum drilling ability of structural machining
- Internal coolant fed



KRUZ "K" series drill body & insert, Metric



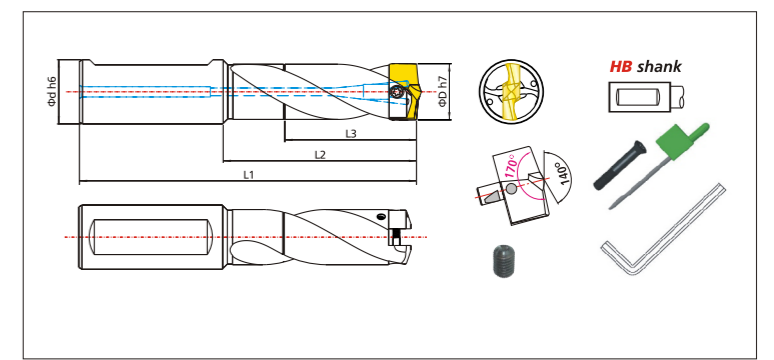
KRUZ-SLK

IDFK for beam, angle, single plate

IDFK

IDPK for stacked plate

IDPK



Exclusively designed for Structural machining

Hole (Φ) mm	Body Code	Shank (Φd)	Dimension			Insert IDFK	Insert IDPK	Cap Screw	Torx driver	Set Screw	L-wrench
			L1	L2	L3						
14.0-14.4	KRUZ 140 L3=50 SLK	16	110	62	IDFK 140, IDFK 141, IDFK 142, IDFK 143, IDFK 144 IDPK 140, IDPK 141, IDPK 142, IDPK 143, IDPK 144	CS 140 -155 SL	T7	Torque 0.9Nm (Max)	M2.5x4	1.3mm	
14.5-14.9	KRUZ 145 L3=50 SLK										
15.0-15.4	KRUZ 150 L3=50 SLK	16	115	65	IDFK 150, IDFK 151, IDFK 152, IDFK 153, IDFK 154 IDPK 150, IDPK 151, IDPK 152, IDPK 153, IDPK 154	CS 160 -175 SL	T7	Torque 0.9Nm (Max)	M2.5x4	1.3mm	
15.5-15.9	KRUZ 155 L3=50 SLK										
16.0-16.4	KRUZ 160 L3=50 SLK	20	118	68	IDFK 160, IDFK 161, IDFK 162, IDFK 163, IDFK 164 IDPK 160, IDPK 161, IDPK 162, IDPK 163, IDPK 164	CS 180 -195 SL	T8	Torque 1.5Nm (Max)	M3x6	1.5mm	
16.5-16.9	KRUZ 165 L3=50 SLK										
17.0-17.4	KRUZ 170 L3=50 SLK	25	130	74	IDFK 170, IDFK 171, IDFK 172, IDFK 173, IDFK 174 IDPK 170, IDPK 171, IDPK 172, IDPK 173, IDPK 174	CS 200 -215 SL	T8	Torque 1.5Nm (Max)	M3x6	1.5mm	
17.5-17.9	KRUZ 175 L3=50 SLK										
18.0-18.4	KRUZ 180 L3=50 SLK	32	140	80	IDFK 180, IDFK 181, IDFK 182, IDFK 183, IDFK 184 IDPK 180, IDPK 181, IDPK 182, IDPK 183, IDPK 184	CS 240 -255 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
18.5-18.9	KRUZ 185 L3=50 SLK										
19.0-19.4	KRUZ 190 L3=50 SLK	32	140	80	IDFK 190, IDFK 191, IDFK 192, IDFK 193, IDFK 194 IDPK 190, IDPK 191, IDPK 192, IDPK 193, IDPK 194	CS 260 -275 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
19.5-19.9	KRUZ 195 L3=50 SLK										
20.0-20.4	KRUZ 200 L3=50 SLK	32	140	80	IDFK 200, IDFK 201, IDFK 202, IDFK 203, IDFK 204 IDPK 200, IDPK 201, IDPK 202, IDPK 203, IDPK 204	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
20.5-20.9	KRUZ 205 L3=50 SLK										
21.0-21.4	KRUZ 210 L3=50 SLK	32	140	80	IDFK 210, IDFK 211, IDFK 212, IDFK 213, IDFK 214 IDPK 210, IDPK 211, IDPK 212, IDPK 213, IDPK 214	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
21.5-21.9	KRUZ 215 L3=50 SLK										
22.0-22.4	KRUZ 220 L3=50 SLK	32	140	80	IDFK 220, IDFK 221, IDFK 222, IDFK 223, IDFK 224 IDPK 220, IDPK 221, IDPK 222, IDPK 223, IDPK 224	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
22.5-22.9	KRUZ 225 L3=50 SLK										
23.0-23.4	KRUZ 230 L3=50 SLK	32	140	80	IDFK 230, IDFK 231, IDFK 232, IDFK 233, IDFK 234 IDPK 230, IDPK 231, IDPK 232, IDPK 233, IDPK 234	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
23.5-23.9	KRUZ 235 L3=50 SLK										
24.0-24.4	KRUZ 240 L3=50 SLK	32	140	80	IDFK 240, IDFK 241, IDFK 242, IDFK 243, IDFK 244 IDPK 240, IDPK 241, IDPK 242, IDPK 243, IDPK 244	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
24.5-24.9	KRUZ 245 L3=50 SLK										
25.0-25.4	KRUZ 250 L3=50 SLK	32	140	80	IDFK 250, IDFK 251, IDFK 252, IDFK 253, IDFK 254 IDPK 250, IDPK 251, IDPK 252, IDPK 253, IDPK 254	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
25.5-25.9	KRUZ 255 L3=50 SLK										
26.0-26.4	KRUZ 260 L3=50 SLK	32	140	80	IDFK 260, IDFK 261, IDFK 262, IDFK 263, IDFK 264 IDPK 260, IDPK 261, IDPK 262, IDPK 263, IDPK 264	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
26.5-26.9	KRUZ 265 L3=50 SLK										
27.0-27.4	KRUZ 270 L3=50 SLK	32	140	80	IDFK 270, IDFK 271, IDFK 272, IDFK 273, IDFK 274 IDPK 270, IDPK 271, IDPK 272, IDPK 273, IDPK 274	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
27.5-27.9	KRUZ 275 L3=50 SLK										
28.0-28.4	KRUZ 280 L3=50 SLK	32	140	80	IDFK 280, IDFK 281, IDFK 282, IDFK 283, IDFK 284 IDPK 280, IDPK 281, IDPK 282, IDPK 283, IDPK 284	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
28.5-28.9	KRUZ 285 L3=50 SLK										
29.0-29.4	KRUZ 290 L3=50 SLK	32	140	80	IDFK 290, IDFK 291, IDFK 292, IDFK 293, IDFK 294 IDPK 290, IDPK 291, IDPK 292, IDPK 293, IDPK 294	CS 280 -295 SL	T15	Torque 3.5Nm (Max)	M4x8	2.0mm	
29.5-29.9	KRUZ 295 L3=50 SLK										

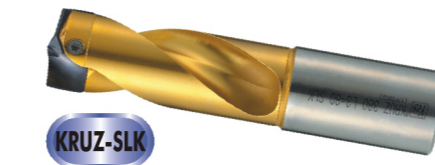
* Size not shown on above is available upon request.

KRUZ "K" series drill body & insert, Metric

Exclusively designed for Structural machining

Hole (Φ) mm	Body Code	Shank (Φd)	Dimension			Insert IDFK	Insert IDPK	Cap Screw	Torx driver	Set Screw	L-wrench
			L1	L2	L3						
30.0-30.4	KRUZ 300 L3=70 SLK	32	155	95	70	IDFK 300, IDFK 301, IDFK 302, IDFK 303, IDFK 304 IDPK 300, IDPK 301, IDPK 302, IDPK 303, IDPK 304	CS 300 -315 SL	M4x8	2.0mm		
30.5-30.9	KRUZ 305 L3=70 SLK										
31.0-31.4	KRUZ 310 L3=70 SLK	32	155	95	70	IDFK 310, IDFK 311, IDFK 312, IDFK 313, IDFK 314 IDPK 310, IDPK 311, IDPK 312, IDPK 313, IDPK 314	CS 300 -315 SL	M4x8	2.0mm		
31.5-31.9	KRUZ 315 L3=70 SLK										
32.0-32.4	KRUZ 320 L3=70 SLK	32	155	95	70	IDFK 320, IDFK 321, IDFK 322, IDFK 323, IDFK 324 IDPK 320, IDPK 321, IDPK 322, IDPK 323, IDPK 324	CS 320 -335 SL	M5x10	2.5mm		
32.5-32.9	KRUZ 325 L3=70 SLK										
33.0-33.4	KRUZ 330 L3=70 SLK	32	155	95	70	IDFK 330, IDFK 331, IDFK 332, IDFK 333, IDFK 334 IDPK 330, IDPK 331, IDPK 332, IDPK 333, IDPK 334	CS 320 -335 SL	M5x10	2.5mm		
33.5-33.9	KRUZ 335 L3=70 SLK										
34.0-34.4	KRUZ 340 L3=80 SLK	40	180	110	110	IDFK 340, IDFK 341, IDFK 342, IDFK 343, IDFK 344 IDPK 340, IDPK 341, IDPK 342, IDPK 343, IDPK 344	CS 360 -395 SL	T20	Torque 4.0Nm (Max)	3.0mm	
34.5-34.9	KRUZ 345 L3=80 SLK										
35.0-35.4	KRUZ 350 L3=80 SLK	40	180	110	110	IDFK 350, IDFK 351, IDFK 352, IDFK 353, IDFK 354 IDPK 350, IDPK 351, IDPK 352, IDPK 353, IDPK 354	CS 360 -395 SL	T20	Torque 4.0Nm (Max)	3.0mm	
35.5-35.9	KRUZ 355 L3=80 SLK										
36.0-36.4	KRUZ 360 L3=80 SLK	40	180	110	110	IDFK 360, IDFK 361, IDFK 362, IDFK 363, IDFK 364 IDPK 360, IDPK 361, IDPK 362, IDPK 363, IDPK 364	CS 360 -395 SL	T20	Torque 4.0Nm (Max)	3.0mm	
36.5-36.9	KRUZ 365 L3=80 SLK										
37.0-37.4	KRUZ 370 L3=80 SLK	40	180	110	110	IDFK 370, IDFK 371, IDFK 372, IDFK 373, IDFK 374 IDPK 370, IDPK 371, IDPK 372, IDPK 373, IDPK 374	CS 360 -395 SL	T20	Torque 4.0Nm (Max)	3.0mm	
37.5-37.9	KRUZ 375 L3=80 SLK										
38.0-38.4	KRUZ 380 L3=80 SLK	40	180	110	110	IDFK 380, IDFK 381, IDFK 382, IDFK 383, IDFK 384 IDPK 380, IDPK 381, IDPK 382, IDPK 383, IDPK 384	CS 360 -395 SL	T20	Torque 4.0Nm (Max)	3.0mm	
38.5-38.9	KRUZ 385 L3=80 SLK										
39.0-39.4	KRUZ 390 L3=80 SLK	40	180	110	110	IDFK 390, IDFK 391, IDFK 392, IDFK 393, IDFK 394 IDPK 390, IDPK 391, IDPK 392, IDPK 393, IDPK 394	CS 360 -395 SL	T20	Torque 4.0Nm (Max)	3.0mm	
39.5-39.9	KRUZ 395 L3=80 SLK										
40.0-40.4	KRUZ 400 L3=80 SLK	40	180	110	110	IDFK 400, IDFK 401, IDFK 402, IDFK 403, IDFK 404 IDPK 400, IDPK 401, IDPK 402, IDPK 403, IDPK 404	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
40.5-40.9	KRUZ 405 L3=80 SLK										
41.0-41.4	KRUZ 410 L3=80 SLK	40	180	110	110	IDFK 410, IDFK 411, IDFK 412, IDFK 413, IDFK 414 IDPK 410, IDPK 411, IDPK 412, IDPK 413, IDPK 414	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
41.5-41.9	KRUZ 415 L3=80 SLK										
42.0-42.4	KRUZ 420 L3=80 SLK	40	180	110	110	IDFK 420, IDFK 421, IDFK 422, IDFK 423, IDFK 424 IDPK 420, IDPK 421, IDPK 422, IDPK 423, IDPK 424	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
42.5-42.9	KRUZ 425 L3=80 SLK										
43.0-43.4	KRUZ 430 L3=80 SLK	40	180	110	110	IDFK 430, IDFK 431, IDFK 432, IDFK 433, IDFK 434 IDPK 430, IDPK 431, IDPK 432, IDPK 433, IDPK 434	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
43.5-43.9	KRUZ 435 L3=80 SLK										
44.0-44.4	KRUZ 440 L3=80 SLK	40	180	110	110	IDFK 440, IDFK 441, IDFK 442, IDFK 443, IDFK 444 IDPK 440, IDPK 441, IDPK 442, IDPK 443, IDPK 444	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
44.5-44.9	KRUZ 445 L3=80 SLK										
45.0-45.4	KRUZ 450 L3=80 SLK	40	180	110	110	IDFK 450, IDFK 451, IDFK 452, IDFK 453, IDFK 454 IDPK 450, IDPK 451, IDPK 452, IDPK 453, IDPK 454	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
45.5-45.9	KRUZ 455 L3=80 SLK										
46.0-46.4	KRUZ 460 L3=80 SLK	40	180	110	110	IDFK 460, IDFK 461, IDFK 462, IDFK 463, IDFK 464 IDPK 460, IDPK 461, IDPK 462, IDPK 463, IDPK 464	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
46.5-46.9	KRUZ 465 L3=80 SLK										
47.0-47.4	KRUZ 470 L3=80 SLK	40	180	110	110	IDFK 470, IDFK 471, IDFK 472, IDFK 473, IDFK 474 IDPK 470, IDPK 471, IDPK 472, IDPK 473, IDPK 474	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
47.5-47.9	KRUZ 475 L3=80 SLK										
48.0-48.4	KRUZ 480 L3=80 SLK	40	180	110	110	IDFK 480, IDFK 481, IDFK 482, IDFK 483, IDFK 484 IDPK 480, IDPK 481, IDPK 482, IDPK 483, IDPK 484	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
48.5-48.9	KRUZ 485 L3=80 SLK										
49.0-49.4	KRUZ 490 L3=80 SLK	40	180	110	110	IDFK 490, IDFK 491, IDFK 492, IDFK 493, IDFK 494 IDPK 490, IDPK 491, IDPK 492, IDPK 493, IDPK 494	CS 400 -445 SL	T20	Torque 4.0Nm (Max)	3.0mm	
49.5-49.9	KRUZ 495 L3=80 SLK										
50.0-50.4	KRUZ 500 L3=90 SLK	200	130	90	IDFK 500, IDFK 501, IDFK 502, IDFK 503, IDFK 504 IDPK 500, IDPK 501, IDPK 502, IDPK 503, IDPK 504	CS 450 -500 SL	T20	Torque 4.0Nm (Max)	M6x12	3.0mm	

KRUZ "K" series drill body & insert, Inch



KRUZ-SLK

IDFK for beam, angle, single plate

IDFK

IDPK for stacked plate

IDPK

