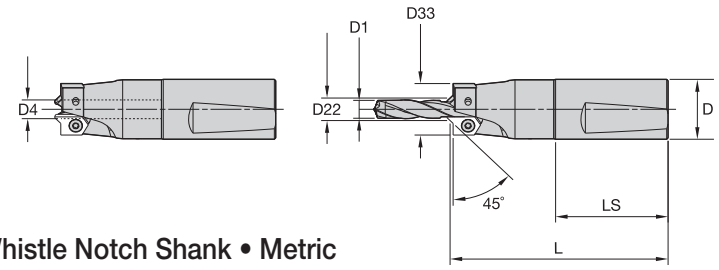
- Drill body shipped with all screws and wrenches.
- Order the inserts and drills separately.
- Drills with shanks up to and including 9,10mm use only one insert.





Round Shank • 2° Whistle Notch Shank • Metric

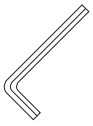



DIN 1835 Form A	DIN 1835 Form E	D1	D1 max	D4	D	D22	D33	L	LS	insert
3.37042R320	**3.37042R820**	3,40	4,00	4,00	20,0	9,0	14,9	87,5	50,0	3.41020..
3.37051R320	**3.37051R820 ***	4,10	4,50	5,00	20,0	9,5	15,4	87,5	50,0	3.41020..
3.37052R320	**3.37052R820**	4,60	5,00	5,00	20,0	10,0	15,9	87,5	50,0	3.41020..
3.37061R320	**3.37061R820**	5,10	5,50	6,00	20,0	10,5	16,4	87,5	50,0	3.41020..
3.37062R320	**3.37062R820**	5,55	6,00	6,00	20,0	11,0	16,9	87,5	50,0	3.41020..
3.37071R320	**3.37071R820**	6,10	7,00	7,00	20,0	11,5	17,4	97,3	50,0	3.41020..
3.37081R320	**3.37081R820**	7,30	8,00	8,00	20,0	12,6	18,4	97,3	50,0	3.41020..
3.37091R320	**3.37091R820**	8,10	9,00	9,00	20,0	13,6	19,4	97,3	50,0	3.41020..
3.37092R320	**3.37092R820**	8,10	9,00	9,00	20,0	13,7	19,4	97,3	50,0	3.41020..
3.37101R332	**3.37101R832**	9,10	10,00	10,00	32,0	14,7	27,9	117,4	60,0	3.41220..
3.37111R332	**3.37111R832**	10,10	11,00	11,00	32,0	15,7	28,9	117,4	60,0	3.41220..
3.37121R332	**3.37121R832**	11,10	12,00	12,00	32,0	16,7	29,9	127,4	60,0	3.41220..
3.37131R332	**3.37131R832**	12,20	13,00	13,00	32,0	17,7	31,0	127,4	60,0	3.41220..
3.37141R332	**–**	13,10	14,00	14,00	32,0	18,2	31,5	127,1	60,0	3.41220..
–	**3.37141R832**	13,10	14,00	14,00	32,0	18,2	31,5	127,4	60,0	3.41220..
3.37151R332	**–**	14,10	15,00	15,00	32,0	19,3	32,5	127,4	60,0	3.41220..
–	**3.37151R832**	14,10	15,00	15,00	32,0	19,3	32,5	127,1	60,0	3.41220..
3.37161R332	**3.37161R832**	15,50	16,00	16,00	32,0	20,3	33,5	127,1	60,0	3.41220..
3.37171R332 *	**3.37171R832**	16,50	17,00	17,00	32,0	21,3	34,5	127,1	60,0	3.41220..
3.37181R332	**3.37181R832**	17,50	18,00	18,00	32,0	22,3	35,5	127,1	60,0	3.41220..

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

Spare Parts



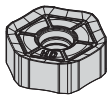


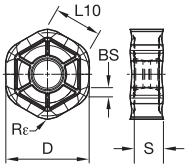


D1	back-up screw	drill clamp screw	hex wrench	insert screw	wrench
3,40	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
4,10	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
4,60	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
5,10	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
5,55	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
6,10	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
7,30	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
8,10	**192.888**	**192.718**	**170.003**	**192.432**	**170.028**
9,10	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
10,10	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
11,10	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
12,20	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
13,10	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
14,10	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
15,50	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
16,50	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**
17,50	**192.889**	**192.720**	**170.005**	**191.725**	**170.025**

NOTE: Dimensions are factored with a 45° insert positioned in insert pocket.

• First choice for high-performance heavy roughing.


HNGJ-HD



HNGJ-HD

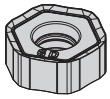
● first choice
○ alternate choice

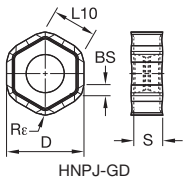
P					○	●		●	●	○
M					●	●		●	○	●
K			●	●	○		●	○		
N	●	●	○							
S					●	●				●
H										

HNGJ-HD

catalog number	D	BS	L10	Rε	S	hm	cutting edges	K313	KC410M	KC510M	KC520M	KC522M	KC725M	KCK15	KCPK30	KCPM40	KCSM40
HNGJ43ANSNHD	.472	.057	.254	.039	.173	.006	12	–	–	–	–	●	–	●	●	●	●

• First choice for general purpose.


HNPJ-GD

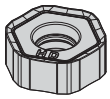


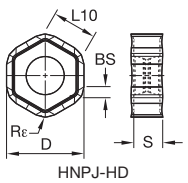
HNPJ-GD

HNPJ-GD

catalog number	D	BS	L10	Rε	S	hm	cutting edges	K313	KC410M	KC510M	KC520M	KC522M	KC725M	KCK15	KCPK30	KCPM40	KCSM40
HNPJ43ANSNGD	.472	.057	.254	.039	.175	.003	12	–	–	–	●	●	●	●	●	●	●

• First choice for heavy roughing.


HNPJ-HD



HNPJ-HD

HNPJ-HD

catalog number	D	BS	L10	Rε	S	hm	cutting edges	K313	KC410M	KC510M	KC520M	KC522M	KC725M	KCK15	KCPK30	KCPM40	KCSM40
HNPJ43ANSNHD	.472	.057	.254	.039	.173	.006	12	–	–	–	●	●	●	●	●	●	●
HNPJ438ANSNHD	.472	–	.253	.126	.174	.004	12	–	–	–	–	●	●	●	●	●	●

Recommended Starting Feeds

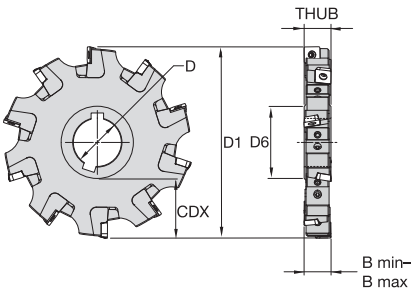
Recommended Starting Feeds [IPT]

Light Machining	General Purpose	Heavy Machining

Insert Geometry	Recommended Starting Feed per Tooth (Fz) in Relation to % of Radial Engagement (ae)															Insert Geometry
	5%			10%			20%			30%			40–100%			
.F..LDJ	.018	**.051**	.089	.013	**.036**	.063	.010	**.027**	.047	.008	**.024**	.041	.008	**.022**	.037	.F..LDJ
.E..LD	.020	**.066**	.112	.015	**.047**	.079	.011	**.035**	.058	.010	**.030**	.051	.009	**.028**	.046	.E..LD
.S..GD	.036	**.086**	.132	.026	**.061**	.092	.019	**.045**	.068	.017	**.039**	.059	.015	**.036**	.054	.S..GD
.S..HD	.036	**.093**	.153	.026	**.066**	.106	.019	**.049**	.078	.017	**.042**	.068	.015	**.039**	.062	.S..HD

NOTE: Use “Light Machining” values as starting feed rate.
Please see pages X22–X37 for recommended starting speeds.

- Rapid adjustment and setting via unique cam adjustment mechanism.
- Large selection of insert geometries and grades to cut most workpiece materials.
- Four insert cutting edges.
- Large selection of insert radii.
- Two keyways for staggered mounting.
- Wiper insert facets for superior surface finishes.

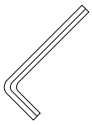




Arbor Mount • Slotting Cutter • .551–.630" Adjustment Range

order number	catalog number	D1	D	D6	B min	B max	CDX	L1	THUB	Z	Z S	max RPM	lbs
2268052	**KSSS400ASP10N551-630**	4.000	1.250	1.880	.551	.630	1.030	.548	.545	6	3	17100	1.17
2268640	**KSSS600ASP10N551-630**	6.000	1.500	2.250	.551	.630	1.845	.548	.545	10	5	14000	2.97
2268652	**KSSS800ASP10N551-630**	8.000	2.000	2.880	.551	.630	2.530	.548	.545	14	7	12100	5.53

Spare Parts

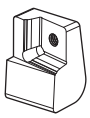
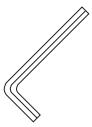
D1	 cartridge right-hand	 cartridge left-hand	 wedge	 cam pin wrench	 insert screw	 in. lbs.	 Torx Plus wrench	 cam pin	 wedge wrench	 wedge screw
4.000	**KSSC551-630R**	**KSSC551-630L**	**KSSW551-630**	**MW25**	**MS2148**	17	**TTP9**	**KSSCP551-709**	**THW3M**	**STCM32**
6.000	**KSSC551-630R**	**KSSC551-630L**	**KSSW551-630**	**MW25**	**MS2148**	17	**TTP9**	**KSSCP551-709**	**THW3M**	**STCM11**
8.000	**KSSC551-630R**	**KSSC551-630L**	**KSSW551-630**	**MW25**	**MS2148**	17	**TTP9**	**KSSCP551-709**	**THW3M**	**STCM11**

Arbor Mount • Slotting Cutter • .630–.709" Adjustment Range

order number	catalog number	D1	D	D6	B min	B max	CDX	L1	THUB	Z	Z S	max RPM	lbs
2268634	**KSSS500ASP10N630-709 ***	5.000	1.500	2.250	.630	.709	1.345	.627	.624	8	4	15300	2.27
2268670	**KSSS1200ASP10N630-709 ***	12.000	2.000	2.880	.630	.709	4.530	.627	.624	20	10	9900	15.96

NOTE: *Made-to-order standard item. Standard pricing, manufacturing lead time, and minimum order quantity applies.

Spare Parts

D1	 cartridge right-hand	 cartridge left-hand	 wedge	 cam pin wrench	 insert screw	 in. lbs.	 Torx Plus wrench	 cam pin	 wedge wrench	 wedge screw
12.000	**KSSC630-709R**	**KSSC630-709L**	**KSSW630-709**	**MW25**	**MS2148**	17	**TTP9**	**KSSCP551-709**	**THW3M**	**STCM11**
5.000	**KSSC630-709R**	**KSSC630-709L**	**KSSW630-709**	**MW25**	**MS2148**	17	**TTP9**	**KSSCP551-709**	**THW3M**	**STCM11**