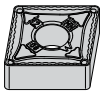
MG-MN
STEEL



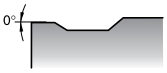




Cutting Conditions										
Cutting Speed (m/min) Range	P0	180	395	440	150	330	430	115	210	235
	P1	180	395	440	150	330	430	115	210	235
	P2	180	265	350	150	235	385	115	150	240
	P3	160	190	245	150	185	275	115	120	160
	P4	90	145	195	75	125	215	50	95	135
	P5	150	215	300	130	235	325	110	135	150
	P6	120	180	270	115	180	265	90	105	140
Carbide Grade		KCP10B			KCP25C			KCP40B		



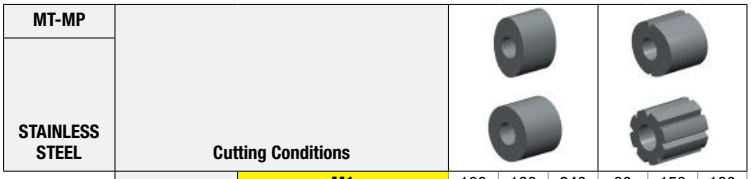
MN

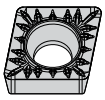


TURNING

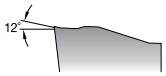
								Depth of Cut			Feed Rate		
ISO catalog number	ANSI catalog number	KCP10B	KCP25C	KCP40B	L10	Rε	ap min	start (mm)	ap max	f/rev min	start (mm/ rev)	f/rev max
CNMG090304MN	CNMG321MN	-	7026378	-	9,67	0,4	0,50	**2,17**	3,83	0,10	**0,15**	0,25
CNMG090308MN	CNMG322MN	5697917	7026379	-	9,67	0,8	0,50	**2,17**	3,83	0,20	**0,30**	0,50
CNMG120404MN	CNMG431MN	5697921	7026380	5591773	12,90	0,4	0,50	**2,80**	5,10	0,10	**0,15**	0,25
CNMG120408MN	CNMG432MN	5388036	7026401	5596457	12,90	0,8	0,50	**2,80**	5,10	0,20	**0,30**	0,50
CNMG120412MN	CNMG433MN	5388061	7026402	5591716	12,90	1,2	0,50	**2,80**	5,10	0,20	**0,35**	0,75
CNMG120416MN	CNMG434MN	5697929	-	-	12,90	1,6	0,50	**2,80**	5,10	0,20	**0,35**	1,00
CNMG160608MN	CNMG542MN	-	7026404	-	16,12	0,8	0,50	**3,44**	6,38	0,20	**0,30**	0,50
CNMG160612MN	CNMG543MN	5413178	7026405	-	16,12	1,2	0,50	**3,44**	6,38	0,20	**0,35**	0,75
CNMG160616MN	CNMG544MN	5697935	-	-	16,12	1,6	0,50	**3,44**	6,38	0,20	**0,35**	1,00
CNMG190608MN	CNMG642MN	-	7026407	-	19,34	0,8	0,50	**4,08**	7,65	0,20	**0,30**	0,50
CNMG190612MN	CNMG643MN	-	7026408	-	19,34	1,2	0,50	**4,08**	7,65	0,20	**0,35**	0,75
CNMG190616MN	CNMG644MN	5430968	7026409	-	19,34	1,6	0,50	**4,08**	7,65	0,20	**0,35**	1,00
CNMG190624MN	CNMG646MN	-	7026410	-	19,34	2,4	0,50	**4,08**	7,65	0,20	**0,35**	1,50
DNMG110404MN	DNMG331MN	5697962	7026421	-	11,63	0,4	0,50	**2,55**	4,60	0,10	**0,15**	0,25
DNMG110408MN	DNMG332MN	5697965	7026422	-	11,63	0,8	0,50	**2,55**	4,60	0,20	**0,30**	0,50
DNMG110412MN	DNMG333MN	-	7026423	-	11,63	1,2	0,50	**2,55**	4,60	0,20	**0,35**	0,75
DNMG150404MN	DNMG431MN	5430969	7026424	-	15,50	0,4	0,50	**3,32**	6,13	0,10	**0,15**	0,25
DNMG150408MN	DNMG432MN	5388111	7026425	-	15,50	0,8	0,50	**3,32**	6,13	0,20	**0,30**	0,50
DNMG150412MN	DNMG433MN	5431070	7026426	5591721	15,50	1,2	0,50	**3,32**	6,13	0,20	**0,35**	0,75
DNMG150604MN	DNMG441MN	5697970	-	-	15,50	0,4	0,50	**3,32**	6,13	0,10	**0,15**	0,25
DNMG150608MN	DNMG442MN	5388117	7026428	-	15,50	0,8	0,50	**3,32**	6,13	0,20	**0,30**	0,50
DNMG150612MN	DNMG443MN	5413200	7026430	5591727	15,50	1,2	0,50	**3,32**	6,13	0,20	**0,35**	0,75
SNMG090308MN	SNMG322MN	-	7026431	-	9,53	0,8	0,50	**2,14**	3,77	0,20	**0,30**	0,50
SNMG120404MN	SNMG431MN	-	7026432	-	12,70	0,4	0,50	**2,76**	5,02	0,10	**0,15**	0,25
SNMG120408MN	SNMG432MN	5697161	7026433	5591714	12,70	0,8	0,50	**2,76**	5,02	0,20	**0,30**	0,50
SNMG120412MN	SNMG433MN	-	7026434	-	12,70	1,2	0,50	**2,76**	5,02	0,20	**0,35**	0,75
SNMG120416MN	SNMG434MN	-	7026435	-	12,70	1,6	0,50	**2,76**	5,02	0,20	**0,35**	1,00
SNMG150612MN	SNMG543MN	-	7026436	-	15,88	1,2	0,50	**3,39**	6,28	0,20	**0,35**	0,75
SNMG150616MN	SNMG544MN	-	7026437	-	15,88	1,6	0,50	**3,39**	6,28	0,20	**0,35**	1,00
SNMG190612MN	SNMG643MN	-	7026438	-	19,05	1,2	0,50	**4,02**	7,53	0,20	**0,35**	0,75
TNMG160404MN	TNMG331MN	-	7026439	-	16,50	0,4	0,50	**3,52**	6,53	0,10	**0,15**	0,25
TNMG160408MN	TNMG332MN	5413250	7026440	-	16,50	0,8	0,50	**3,52**	6,53	0,20	**0,30**	0,50
TNMG160412MN	TNMG333MN	-	7026443	-	16,50	1,2	0,50	**3,52**	6,53	0,20	**0,35**	0,75
TNMG220404MN	TNMG431MN	-	7026447	-	22,00	0,4	0,50	**4,60**	8,70	0,10	**0,15**	0,25
TNMG220408MN	TNMG432MN	5697176	7026448	-	22,00	0,8	0,50	**4,60**	8,70	0,20	**0,30**	0,50
TNMG220412MN	TNMG433MN	-	7026449	-	22,00	1,2	0,50	**4,60**	8,70	0,20	**0,35**	0,75
VNMG160404MN	VNMG331MN	5697186	7026450	-	16,61	0,4	0,50	**2,33**	4,15	0,10	**0,15**	0,25
VNMG160408MN	VNMG332MN	5425591	7026451	-	16,61	0,8	0,50	**2,33**	4,15	0,20	**0,30**	0,50
VNMG160412MN	VNMG333MN	-	7026452	-	16,61	1,2	0,50	**2,33**	4,15	0,20	**0,35**	0,75
WNMG080408MN	WNMG432MN	5413260	7026454	-	8,69	0,8	0,50	**1,34**	2,17	0,20	**0,30**	0,50
WNMG080412MN	WNMG433MN	5425593	7026455	5591718	8,69	1,2	0,50	**1,34**	2,17	0,20	**0,35**	0,75

MT-MP / STAINLESS STEEL	Cutting Conditions								
	Cutting Speed (m/min) Range	M1	100	180	240	90	150	180
		M2	110	165	250	90	140	225
		M3	110	150	250	90	120	180
	Carbide Grade		KCM15B			KCM25B		

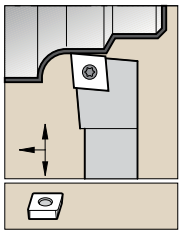


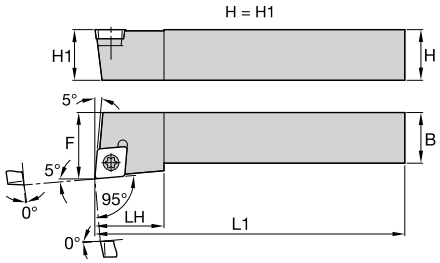


MP



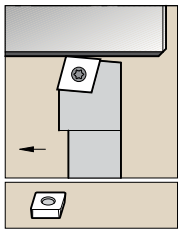
	ISO catalog number	ANSI catalog number	KCM15B	KCM25B	L10	Rε	Depth of Cut ap min	Depth of Cut start (mm)	Depth of Cut ap max	Feed Rate f/rev min	Feed Rate start (mm/rev)	Feed Rate f/rev max
	CCMT060204MP	CCMT2151MP	5640906	5591914	6,45	0,4	0,80	**0,98**	1,15	0,05	**0,10**	0,20
	CCMT09T304MP	CCMT3251MP	5640960	5591792	9,53	0,4	0,80	**1,27**	1,73	0,05	**0,10**	0,20
	CCMT09T308MP	CCMT3252MP	5640964	5591783	9,67	0,8	0,80	**1,27**	1,73	0,10	**0,15**	0,40
	CCMT120408MP	CCMT432MP	-	5591777	12,90	0,8	0,80	**1,55**	2,30	0,10	**0,15**	0,40
	DCMT11T308MP	DCMT3252MP	-	5591784	11,63	0,8	0,80	**1,44**	2,07	0,10	**0,15**	0,40
	SCMT09T308MP	SCMT3252MP	-	5591776	9,53	0,8	0,80	**1,25**	1,70	0,10	**0,15**	0,40
	SCMT120408MP	SCMT432MP	-	5591794	12,70	0,8	0,80	**1,54**	2,27	0,10	**0,15**	0,40
	TCMT16T304MP	TCMT3251MP	-	5591904	16,50	0,4	0,80	**1,87**	2,94	0,05	**0,10**	0,20
	TCMT16T308MP	TCMT3252MP	-	5591906	16,50	0,8	0,80	**1,87**	2,94	0,10	**0,15**	0,40
	VBMT160404MP	VBMT331MP	-	5591786	16,61	0,4	0,80	**1,88**	2,96	0,01	**0,00**	0,20
	VBMT160408MP	VBMT332MP	-	5591778	16,61	0,8	0,80	**1,88**	2,96	0,10	**0,15**	0,40

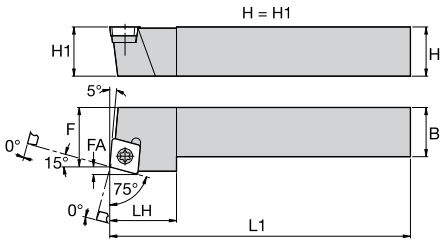




SCLC 95°

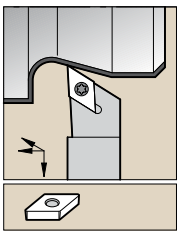
Order Number	Catalog Number	H	B	F	L1	LH	Gage Insert
Right Hand							
1097819	SCLCR1616H09	16,00	16,00	20,00	100,00	15,80	CC..09T308
1097821	SCLCR2020K09	20,00	20,00	25,00	125,00	15,80	CC..09T308
1097820	SCLCR2020K12	20,00	20,00	25,00	125,00	19,80	CC..120408
Left Hand							
1097966	SCLCL2020K09	20,00	20,00	25,00	125,00	15,80	CC..09T308

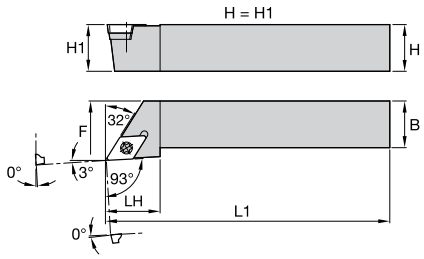




SCRC 75°

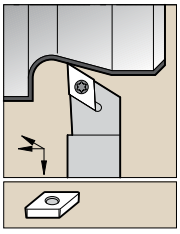
Order Number	Catalog Number	H	B	F	L1	LH	FA	Gage Insert
Right Hand								
1097828	SCRCR1212N09	12,00	12,00	13,00	160,00	14,00	2,27	CC..09T308

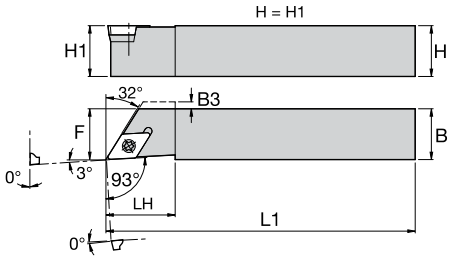




SDJC 93°

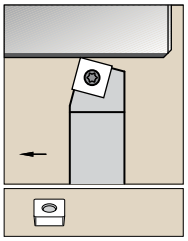
Order Number	Catalog Number	H	B	F	L1	LH	Gage Insert
Right Hand							
1097850	SDJCR1212N11	12,00	12,00	16,00	160,00	22,00	DC,,11T308
1097851	SDJCR1616H11	16,00	16,00	20,00	100,00	22,00	DC,,11T308
1097853	SDJCR2020K11	20,00	20,00	25,00	125,00	22,00	DC,,11T308
1097854	SDJCR2525M11	25,00	25,00	32,00	150,00	22,00	DC,,11T308
Left Hand							
1098001	SDJCL1616H11	16,00	16,00	20,00	100,00	22,00	DC,,11T308
1098003	SDJCL2020K11	20,00	20,00	25,00	125,00	22,00	DC,,11T308
1192473	SDJCL2525M11	25,00	25,00	32,00	150,00	22,00	DC,,11T308

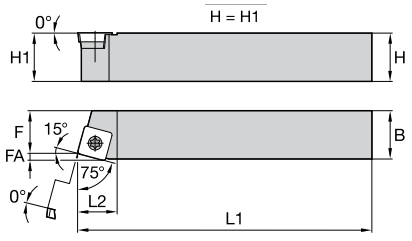




SDJC-F 93°

Order Number	Catalog Number	H	B	F	L1	LH	Gage Insert
Right Hand							
1097845	SDJCRF1212M07Q	12,00	12,00	12,00	150,00	16,00	DC,,070204
1097846	SDJCRF1616K11Q	16,00	16,00	16,00	125,00	22,00	DC,,11T308

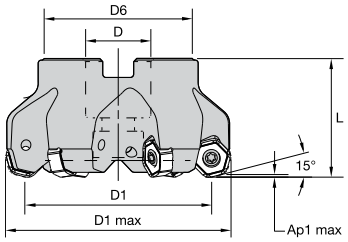




SSBC 75°

Order Number	Catalog Number	H	B	F	L1	LH	FA	Gage Insert
Right Hand								
1097867	SSBCR2525M12	25,00	25,00	22,00	150,00	21,00	3,06	SC..120408

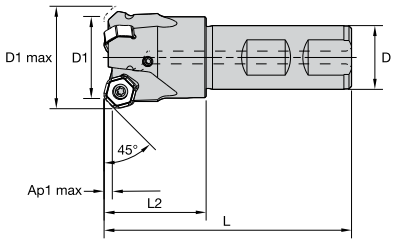




Dodeka Mini High-Feed 15° • Shell Mill • Metric

Order Number	ISO Catalog Number	D1	D1 max	D	D6	L	Ap1 max	Z	max RPM	kg
4153706	KSHRHF040A05RS15HN06	40	53,2	22	38	40	1,6	5	15800	0.29
4153707	KSHRHF050A05RS15HN06	50	63,1	22	38	40	1,6	5	12700	0.39

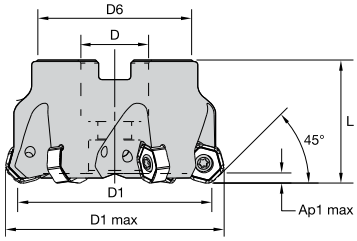




Dodeka Mini 45° • End Mill • Weldon® Shank • Metric

Order Number	ISO Catalog Number	D1	D1 max	D	L	L2	Ap1 max	Z	max RPM	kg
4126350	KSHR032D04B25HN06	32	40,2	25	97	40	3,2	4	17600	0.41

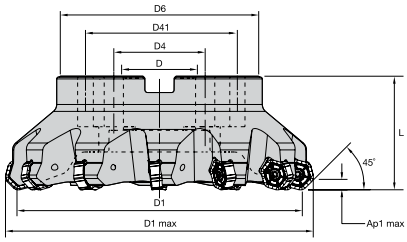




Dodeka Mini 45° • Shell Mill • Metric

Order Number	ISO Catalog Number	D1	D1 max	D	D6	L	Ap1 max	Z	max RPM	kg
4126387	KSHR040A04RS45HN06	40	48,2	22	38	40	3,2	4	15800	0.25
4124313	KSHR040A05RS45HN06	40	48,2	22	38	40	3,2	5	15800	0.25
4122886	KSHR050A05RS45HN06	50	58,2	22	38	40	3,2	5	12700	0.37
4126389	KSHR050A06RS45HN06	50	58,2	22	38	40	3,2	6	12700	0.36
4122889	KSHR063A06RS45HN06	63	71,2	22	50	40	3,2	6	10100	0.65
4126390	KSHR063A08RS45HN06	63	71,2	22	50	40	3,2	8	10100	0.64
4126391	KSHR080A05RS45HN06	80	88,2	27	60	50	3,2	5	7900	1.13
4126392	KSHR080A08RS45HN06	80	88,2	27	64	50	3,2	8	7900	1.25
4126403	KSHR080A10RS45HN06	80	88,2	27	60	50	3,2	10	7900	1.19
4126405	KSHR100B09RS45HN06	100	108,2	32	80	50	3,2	9	6300	1.84
4126406	KSHR100B12RS45HN06	100	108,2	32	80	50	3,2	12	6300	1.84
4126407	KSHR125B08RS45HN06	125	133,2	40	90	63	3,2	8	5050	2.87
4126408	KSHR125B12RS45HN06	125	133,2	40	90	63	3,2	12	5050	2.98

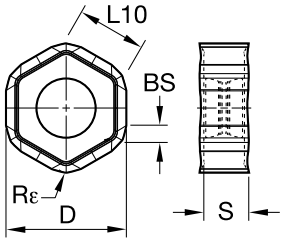




Dodeka 45° • Shell Mill • Metric

Order Number	ISO Catalog Number	D1	D1 max	D	D4	D6	L	Ap1 max	Z	max RPM	kg
3324831	KSHR50A04RS45HN09	50	61,0	22	—	38	40	4,5	4	12700	0.32
3324832	KSHR50A05RS45HN09	50	61,0	22	—	38	40	4,5	5	12700	0.33
3749959	KSHR63A05RS45HN09	63	74,0	22	—	50	40	4,5	5	10100	0.60
3325163	KSHR63A06RS45HN09	63	74,0	22	—	50	40	4,5	6	10100	0.56
3325164	KSHR63A07RS45HN09	63	74,0	22	—	50	40	4,5	7	10100	0.57
3749960	KSHR80A05RS45HN09	80	91,0	27	—	60	50	4,5	5	7900	1.12
3325165	KSHR80A06RS45HN09	80	91,0	27	—	60	50	4,5	6	7900	1.07
3325166	KSHR80A09RS45HN09	80	91,0	27	—	60	50	4,5	9	7900	1.11
3749961	KSHR100B06RS45HN09	100	111,0	32	—	80	50	4,5	6	6300	1.73
3325167	KSHR100B08RS45HN09	100	111,0	32	—	80	50	4,5	8	6300	1.68
3325168	KSHR100B11RS45HN09	100	111,0	32	—	80	50	4,5	11	6300	1.73
3749962	KSHR125B08RS45HN09	125	135,9	40	—	90	63	4,5	8	5050	2.84
3325169	KSHR125B10RS45HN09	125	135,9	40	—	90	63	4,5	10	5050	2.77
3325170	KSHR125B14RS45HN09	125	136,0	40	—	90	63	4,5	14	5050	2.86
3750013	KSHR160C10RS45HN09	160	171,0	40	66,7	110	63	4,5	10	3900	4.75
3325171	KSHR160C12RS45HN09	160	171,0	40	66,7	110	63	4,5	12	3900	4.56
3325172	KSHR160C16RS45HN09	160	171,0	40	66,7	110	63	4,5	16	3900	4.70
3587732	KSHR200C16RS45HN09	200	211,0	60	101,6	130	63	4,5	16	3180	6.43





Dodeka Mini • Carbide Insert • HNGJ-LDJ

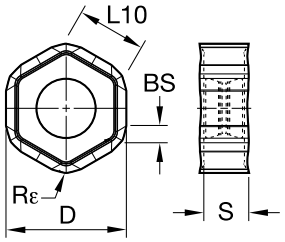
Light Machining of Aluminum

	KC410M
P	
M	
K	
N	●
S	
H	

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC410M
HNGJ0604ANFNLDJ	12.00	6.93	4.48	1.00	1.54	0.02	12	4121575





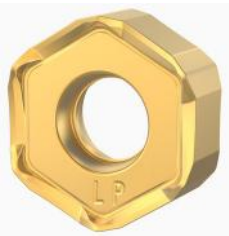
Dodeka Mini • Carbide Insert • HNGJ-LD

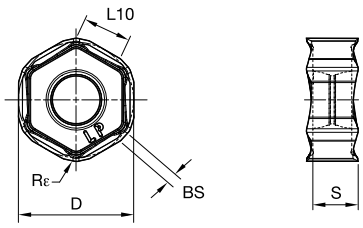
Light Machining

	KC522M	KC725M	KCK20B	KCPK30	KCPM40	KCSM40
P	●	●		●	●	
M	●	●		○	●	●
K	○		●	○		
N						●
S	●	●			○	●
H	○					

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KC725M	KCK20B	KCPK30	KCPM40	KCSM40
HNGJ0604ANENLD	12.00	6.93	4.48	1.00	1.52	0.04	12	4121578	4119224	6970343	4119190	5550701	6165862





Dodeka Mini 45° • Carbide Insert • HNPJ-LP

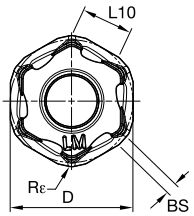
Light Machining of Steels

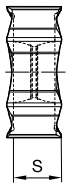
	KC522M	KCK20B	KCPK30	KCPM40
P	●		●	●
M	●		○	●
K	○	●	○	
N				
S	●			○
H	○			

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCK20B	KCPK30	KCPM40
HNPJ0604ANERLP	12.00	6.93	4.72	1.00	1.33	0.05	12	7033331	7033333	7037930	7033332







Dodeka Mini 45° • Carbide Insert • HNPJ-LM

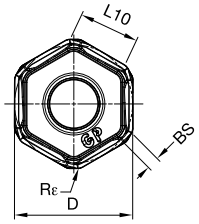
Light Machining of Stainless Steels

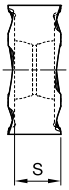
	KC522M	KCSM40
P	●	
M	●	●
K	○	
N		●
S	●	●
H	○	

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCSM40
HNPJ0604ANERLM	12.00	6.93	4.72	1.00	1.33	0.05	12	7032979	7032980







Dodeka Mini 45° • Carbide Insert • HNGJ-GP

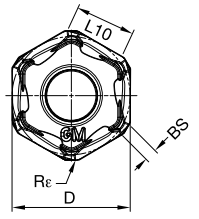
Medium Machining of Steels with excellent floor finish

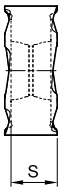
	KC522M	KCPM40	KTPK20
P	●	●	○
M	●	●	○
K	○		○
N			
S	●	○	
H	○		

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCPM40	KTPK20
HNGJ0604ANERGP	12.00	6.93	4.72	1.00	1.10	0.06	12	7033335	7033336	7033334







Dodeka Mini 45° • Carbide Insert • HNGJ-GM

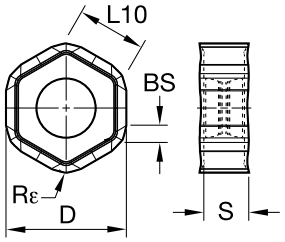
Medium Machining of Stainless Steels with excellent floor finish

	KC522M	KCSM40
P	●	
M	●	●
K	○	
N		●
S	●	●
H	○	

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCSM40
HNGJ0604ANERGM	12.00	6.93	4.72	1.00	2.13	0.06	12	7032977	7032978





Dodeka Mini • Carbide Insert • HNPJ-GD

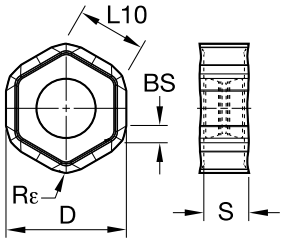
Medium Machining

● Primary
○ Secondary

	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCPM40	KCSM40
P	●	●			●	●	
M	●	●			○	●	●
K	○		●	●	○		
N							●
S	●	●				○	●
H	○						

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCPM40	KCSM40
HNPJ0604ANSNGD	12.00	6.93	4.45	1.00	1.45	0.08	12	4119697	4119701	4119699	6970330	4119700	5550703	6165759





Dodeka Mini • Carbide Insert • HNGJ-HD

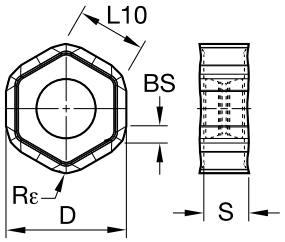
Heavy Machining

● Primary
○ Secondary

	KCPK30	KCPM40
P	●	●
M	○	●
K	○	
N		
S		○
H		

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KCPK30	KCPM40
HNGJ0604ANSNHD	12.00	6.93	4.40	1.00	1.45	0.14	12	6039812	6039659





Dodeka Mini • Carbide Insert • HNPJ-HD

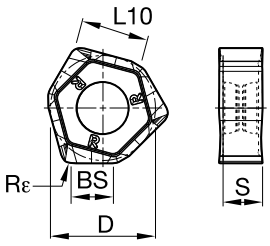
Heavy Machining

● Primary
○ Secondary

	KC522M	KC725M	KCK20B	KCPK30	KCPM40	KCSM40
P	●	●		●	●	
M	●	●		○	●	●
K	○		●	○		
N						●
S	●	●			○	●
H	○					

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KC725M	KCK20B	KCPK30	KCPM40	KCSM40
HNPJ0604ANSNHD	12.00	6.44	4.41	1.00	1.45	0.14	12	4119703	—	—	—	—	—
HNPJ0604ANSNHD	12.00	6.93	4.41	1.00	1.45	0.14	12	—	4119229	6970345	4119228	5550702	6165760
HNPJ060432ANSNHD	12.00	6.93	4.41	3.20	—	0.10	12	4119989	4120003	—	—	—	—
HNPJ060432ANSNHD	12.00	6.93	4.41	3.20	—	0.10	12	—	—	—	—	—	6165861





Dodeka Mini 45° • Wiper Carbide Insert • XNGJ-LD3W

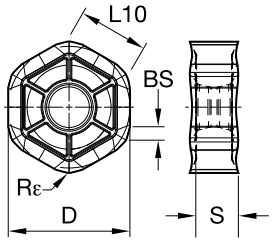
Fine Finishing of Multiple Materials

● Primary
○ Secondary

	KC522M	KCKP10	KCPM40
P	○	○	●
M	●		○
K	○	●	
N			
S	●		
H			

ISO Catalog Number	D	LI	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCKP10	KCPM40
XNGJ0604ANENLD3W	12.00	13.04	6.93	4.51	1.60	4.80	0.05	6	4121607	6970349	5879813





Dodeka • Carbide Insert • HNGJ-LDJ

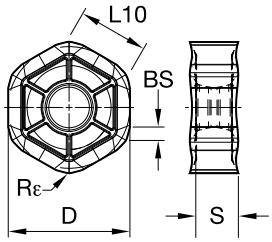
Light Machining of Aluminum

● Primary
○ Secondary

	KC410M
P	
M	
K	
N	●
S	
H	

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC410M
HNGJ0905ANFNLDJ	15.88	8.58	5.56	1.20	1.81	0.02	12	3849320





Dodeka • Carbide Insert • HNGJ-LD

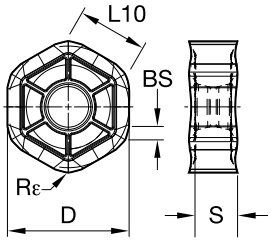
Light Machining

● Primary
○ Secondary

	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCSM40
P	●	●			●	
M	●	●			○	●
K	○		●	●	○	
N						●
S	●	●				●
H	○					

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCSM40
HNGJ0905ANENLD	15.88	8.58	5.56	1.20	1.76	0.05	12	3093561	3331175	3330952	6970328	3331178	6178103





Dodeka • Carbide Insert • HNGJ-GD

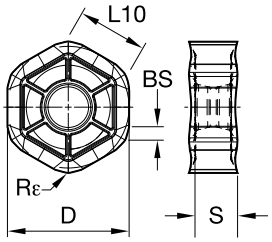
Medium Machining

	KC725M	KCK15	KCPK30	KCPM40	KCSM40
P	●		●	●	
M	●		○	●	●
K		●	○		
N					●
S	●			○	●
H					

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC725M	KCK15	KCPK30	KCPM40	KCSM40
HNGJ0905ANSNGD	15.88	8.58	5.56	1.20	1.71	0.10	12	3331176	3331173	3093719	5550793	6178104





Dodeka • Carbide Insert • HNPJ-GD

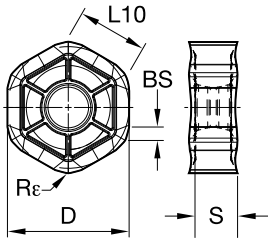
Medium Machining

	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCPM40
P	●	●			●	●
M	●	●			○	●
K	○		●	●	○	
N						
S	●	●				○
H	○					

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCPM40
HNPJ0905ANSNGD	15.88	8.58	5.56	1.20	1.80	0.10	12	3774250	3763727	3763725	6970329	3763728	5550795





Dodeka • Carbide Insert • HNGJ-HD

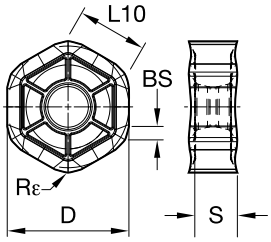
Heavy Machining

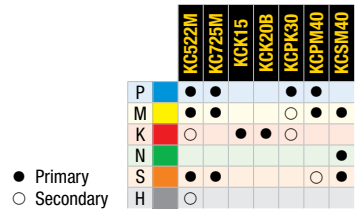
	KC725M	KCK15	KCK20B	KCPK30	KCPM40	KCSM40
P	●			●	●	
M	●			○	●	●
K		●	●	○		
N						●
S	●				○	●
H						

● Primary
○ Secondary

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC725M	KCK15	KCK20B	KCPK30	KCPM40	KCSM40
HNGJ0905ANSNHD	15.88	8.59	5.46	1.20	1.65	0.17	12	3556331	3556330	6970341	3556332	5550794	6178105
HNGJ090543ANSNHD	15.88	8.50	5.44	4.35	—	0.20	12	3556374	—	—	3556375	6068043	—





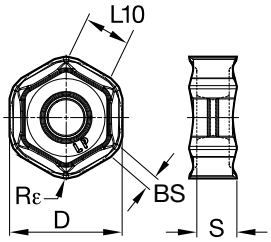


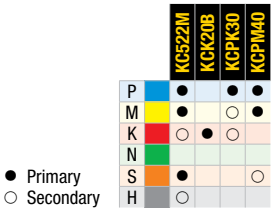
Dodeka • Carbide Insert • HNPJ-HD

Heavy Machining

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KC725M	KCK15	KCK20B	KCPK30	KCPM40	KCSM40
HNPJ0905ANSNHD	15.88	8.59	5.46	1.20	1.65	0.18	12	3774249	3763723	3763185	6970342	3763724	5550796	6178108
HNPJ090543ANSNHD	15.88	8.50	5.44	4.35	—	0.13	12	3774251	3763730	3763729	—	3763731	5550797	6178109





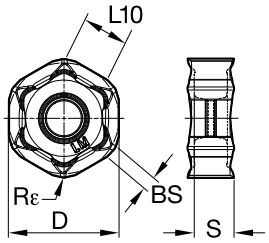


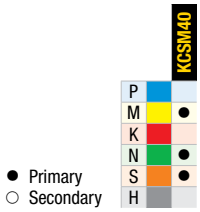
Dodeka 45° • Carbide Insert • HNPJ-LP

Light Machining of Steels

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCK20B	KCPK30	KCPM40
HNPJ0905ANERLP	15.88	8.59	5.74	1.20	1.68	0.05	12	7060935	7060937	7060938	7060936



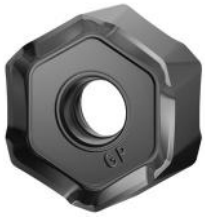


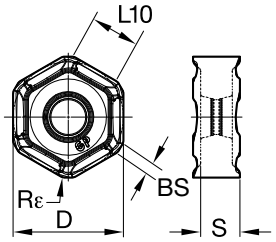


Dodeka 45° • Carbide Insert • HNPJ-LM

Light Machining of Stainless Steels

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KCSM40
HNPJ0905ANERLM	15.88	8.58	5.72	1.20	1.73	0.05	12	7064759





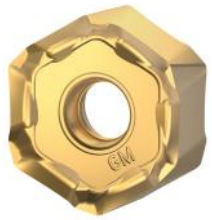
Dodeka 45° • Carbide Insert • HNGJ-GP

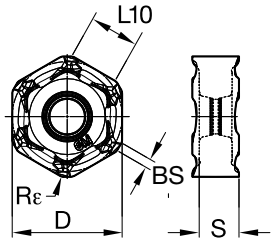
Medium Machining of Steels with excellent floor finish

● Primary
○ Secondary

	KC522M	KCPM40
P	●	●
M	●	●
K	○	
N		
S	●	○
H	○	

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCPM40
HNGJ0905ANERGP	15.88	9.17	5.75	1.20	2.13	0.06	12	7060940	7061091





Dodeka 45° • Carbide Insert • HNGJ-GM

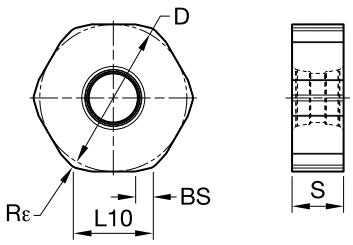
Medium Machining of Stainless Steels with excellent floor finish

● Primary
○ Secondary

	KC522M	KCSM40
P	●	
M	●	●
K	○	
N		●
S	●	●
H	○	

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KC522M	KCSM40
HNGJ0905ANERGM	15.88	9.17	5.75	1.20	2.13	0.06	12	7064753	7064754





Dodeka 45° • Ceramic Insert • HNEC

High-Speed Machining of Cast Iron

● Primary
○ Secondary

	KY3500
P	
M	
K	●
N	
S	
H	

ISO Catalog Number	D	L10	S	Rε	BS	hm	Cutting Edges	KY3500
HNEC0905ANSN	15.88	9.17	5.56	1.20	1.95	0.19	12	6140064