

ROTATING TOOLS

FACE MILLING

<HIGH FEED CUTTING FOR GENERAL CUTTING>

40°



Finishing



Roughing



AHX640S

Light Alloy Cast Iron Carbon Steel
Alloy Steel Stainless Steel Hardened Steel

- Heptagonal double sided insert.
- Economical 14 cutting edge inserts.
- Multi insert design for high feed machining.

Fig.1

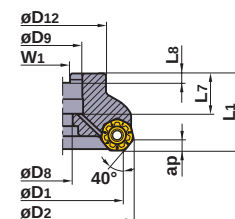
ø63
ø80

Fig.2

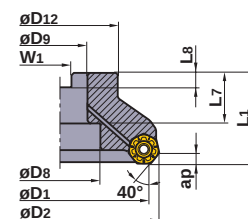
ø100
ø125

Fig.3

ø160

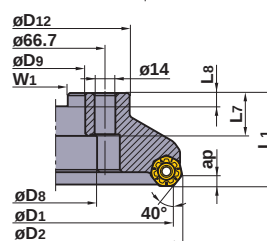
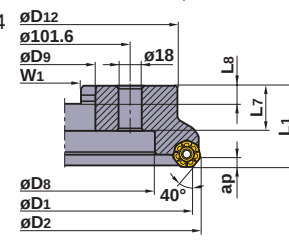


Fig.4

ø200



Right hand tool holder only.

Cutter Diameter D1	Set Bolt	Geometry	
ø63	HSC10030H	①	
ø80	12035H		
ø100	MBA16033H	②	
ø125	20040H		
ø160	—	—	—
ø200	—	—	—

C.H : 40° T : 10° (When using the MK breaker insert)
 A.R : -6° T : 20° (When using the MP,MM breaker insert)
 R.R : -5° I : +9°—+10°

Type	Order Number	Stock	Coolant Hole	Number of Teeth	Dimensions (mm)									Mass (kg)	Max. Depth of Cut ap (mm)	Type (Fig.)	★ 	
		R			D1	D2	L1	D9	L7	D8	D12	W1	L8					
Coarse Pitch	AHX640S-063A04AR	●	○	4	63	75.6	50	22	20	11	50	10.4	6.3	0.7	6	1	CS5015060T	TKY20T
	-080A04AR	●	○	4	80	92.6	50	27	23	13	56	12.4	7	1.1	6	1	CS5015060T	TKY20T
	-100B05AR	●	○	5	100	112.6	50	32	32	45	78	14.4	8	1.7	6	2	CS5015060T	TKY20T
	-125B06AR	●	○	6	125	137.6	63	40	42	56	89	16.4	9	3.1	6	2	CS5015060T	TKY20T
	-160C07NR	●	—	7	160	172.6	63	40	29	56	120	16.4	9	5.4	6	3	CS5015060T	TKY20T
	-200C08NR	●	—	8	200	212.6	63	60	32	140	175	25.7	14.22	7.8	6	4	CS5015060T	TKY20T
Fine Pitch	AHX640S-063A05AR	●	○	5	63	75.6	50	22	20	11	50	10.4	6.3	0.6	6	1	CS5015060T	TKY20T
	-080A06AR	●	○	6	80	92.6	50	27	23	13	56	12.4	7	1.0	6	1	CS5015060T	TKY20T
	-100B07AR	●	○	7	100	112.6	50	32	32	45	78	14.4	8	1.6	6	2	CS5015060T	TKY20T
	-125B08AR	●	○	8	125	137.6	63	40	42	56	89	16.4	9	3.0	6	2	CS5015060T	TKY20T
	-160C10NR	●	—	10	160	172.6	63	40	29	56	120	16.4	9	5.2	6	3	CS5015060T	TKY20T
	-200C12NR	●	—	12	200	212.6	63	60	32	140	175	25.7	14.22	7.5	6	4	CS5015060T	TKY20T

★ Clamp Torque (N • m) : CS5015060T=5.0

● : Inventory maintained.