



AG 732-2



HSS Roughing End Mill

DIN 844



d ₁ mm	d ₂ mm	l ₂ mm	AP mm	l ₁ mm	d ₃ mm	Z	Uncoated Part No.	Coated Part No.	f _r Roughing mm/Z	f _r Finishing mm/Z
6,0	6	13	21	57	5,5	3	AG732206	AG732206A	0,008 – 0,015	0,006 – 0,013
7,0	10	16	–	66	–	3	AG732207	AG732207A	0,010 – 0,018	0,008 – 0,016
8,0	10	19	33	69	7,5	3	AG732208	AG732208A	0,012 – 0,021	0,010 – 0,019
9,0	10	19	–	69	–	3	AG732209	AG732209A	0,014 – 0,025	0,012 – 0,022
10,0	10	22	32	72	9,0	3	AG732210	AG732210A	0,015 – 0,027	0,013 – 0,025
12,0	12	26	38	83	11,0	3	AG732212	AG732212A	0,018 – 0,032	0,016 – 0,030
14,0	12	26	–	83	–	3	AG732214	AG732214A	0,020 – 0,036	0,018 – 0,034
16,0	16	32	44	92	15,0	3	AG732216	AG732216A	0,022 – 0,040	0,020 – 0,038
18,0	16	32	–	92	–	3	AG732218	AG732218A	0,023 – 0,043	0,021 – 0,041
20,0	20	38	54	104	19,0	3	AG732220	AG732220A	0,025 – 0,047	0,023 – 0,045
22,0	20	38	–	104	–	3	AG732222	AG732222A	0,027 – 0,051	0,025 – 0,049
25,0	25	45	65	121	24,0	3	AG732225	AG732225A	0,031 – 0,055	0,029 – 0,053



Peripheral milling
a_r = 0,5xD
a_p = 2,0xD



Full slot milling
a_r = 1,5xD

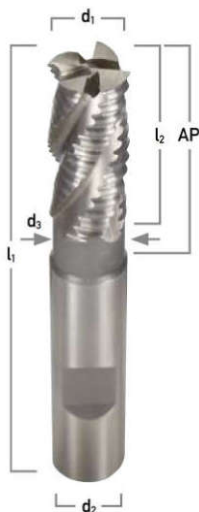
d₁ js14
d₂ h6

AG 742-2



HSS Roughing End Mill

DIN 844



d ₁ mm	d ₂ mm	l ₂ mm	AP mm	l ₁ mm	d ₃ mm	Z	Uncoated Part No.	Coated Part No.	f _r Roughing mm/z	f _r Finishing mm/z
5,0	6	13	–	57	–	4	AG742205	AG742205A	0,007 – 0,012	0,005 – 0,010
6,0	6	13	21	57	5,5	4	AG742206	AG742206A	0,008 – 0,015	0,006 – 0,013
7,0	8	16	–	60	–	4	AG742207	AG742207A	0,010 – 0,018	0,008 – 0,016
8,0	8	19	33	69	7,5	4	AG742208	AG742208A	0,012 – 0,021	0,010 – 0,019
9,0	10	19	–	69	–	4	AG742209	AG742209A	0,014 – 0,025	0,012 – 0,022
10,0	10	22	32	72	9,0	4	AG742210	AG742210A	0,015 – 0,027	0,013 – 0,025
11,0	12	22	–	79	–	4	AG742211	AG742211A	0,018 – 0,032	0,016 – 0,030
12,0	12	26	38	83	11,0	4	AG742212	AG742212A	0,020 – 0,036	0,018 – 0,034
13,0	12	26	–	83	–	4	AG742213	AG742213A	0,020 – 0,036	0,018 – 0,034
14,0	12	26	–	83	–	4	AG742214	AG742214A	0,022 – 0,040	0,020 – 0,038
15,0	16	32	–	92	–	4	AG742215	AG742215A	0,021 – 0,038	0,019 – 0,036
16,0	16	32	44	92	15,0	4	AG742216	AG742216A	0,022 – 0,040	0,020 – 0,038
18,0	16	32	–	92	–	4	AG742218	AG742218A	0,023 – 0,043	0,021 – 0,041
20,0	20	38	54	104	19,0	4	AG742220	AG742220A	0,025 – 0,047	0,023 – 0,045



Peripheral milling
a_r = 0,5xD
a_p = 2,0xD



Full slot milling
a_r = 1,5xD

d₁ js14
d₂ h6

Material	Steel	Stainless	Cast	Alu
Tensile strength/ Hardness	< 850 N/mm ²	< 850 N/mm ²	< 800 N/mm ²	< 600 N/mm ²
V _r (m/min) Finishing	75	60	70	135
V _r (m/min) Roughing	55	40	50	115