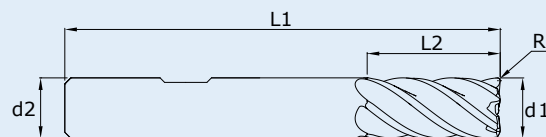


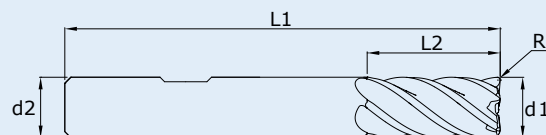
Solid carbide end mills - Pentex
VHM - Schaftfräser - Pentex
Fraises en bout carbure - Pentex
Karbür Freze - Pentex



F	S	1000	G	5	W	22	S	05	N	072
END MILL	MG-10		DIN 6528						nAco Multilayer	
TYPE	QUALITY	DIAMETER	NORM	FLUTES	SHAFT TYPE	FLUTE LENGTH	HELICAL	RADIUS	COATED	FULL LENGTH

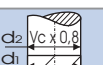
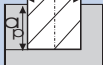
d1(e8)	L2	L1	d2(h6)	Z	R	Uncoated Code	Price (Euro)
3	5	57	6	5	0,15	FS0300G5W05S01N057	
4	7	57	6	5	0,20	FS0400G5W07S02N057	
5	8	57	6	5	0,25	FS0500G5W08S02N057	
6	10	57	6	5	0,30	FS0600G5W10S03N057	
8	16	63	8	5	0,40	FS0800G5W16S04N063	
10	22	72	10	5	0,50	FS1000G5W22S05N072	
12	26	83	12	5	0,60	FS1200G5W26S06N083	
14	26	83	14	5	0,70	FS1400G5W26S07N083	
16	32	92	16	5	0,80	FS1600G5W32S08N092	
18	32	92	18	5	0,90	FS1800G5W32S09N092	
20	38	104	20	5	1,00	FS2000G5W38S10N104	

PENTEX INOX <52 HRC



F	I	1000	G	5	W	22	S	05	N	072
END MILL	MG-10		DIN 6528						nAco Multilayer	
TYPE	QUALITY	DIAMETER	NORM	FLUTES	SHAFT TYPE	FLUTE LENGTH	HELICAL	RADIUS	COATED	FULL LENGTH

d1(e8)	L2	L1	d2(h6)	Z	R	Uncoated Code	Price (Euro)
3	5	57	6	5	0,15	FI0300G5W05S01N057	
4	7	57	6	5	0,20	FI0400G5W07S02N057	
5	8	57	6	5	0,25	FI0500G5W08S02N057	
6	10	57	6	5	0,30	FI0600G5W10S03N057	
8	16	63	8	5	0,40	FI0800G5W16S04N063	
10	22	72	10	5	0,50	FI1000G5W22S05N072	
12	26	83	12	5	0,60	FI1200G5W26S06N083	
14	26	83	14	5	0,70	FI1400G5W26S07N083	
16	32	92	16	5	0,80	FI1600G5W32S08N092	
18	32	92	18	5	0,90	FI1800G5W32S09N092	
20	38	104	20	5	1,00	FI2000G5W38S10N104	

				HRC 20-30			HRC 30-40			INOX			GG			AL			CU			TITAN			< 52 HRC		
			1.0050-2 1.0060-2 1.0070-2			1.5864 1.6580 1.7225			1.4405 1.4460 1.4505			0.6035 0.7080 0.8055			3.2151 3.2373 3.2382			2.1247 2.0580 2.0598			3.7035 3.7055 3.7065			1.3255 1.3265 1.3333			
$a_p = d_1 \times 0,5$ $a_e = d_1$			$V_c = 120 \text{ m/dk.}$			$V_c = 90 \text{ m/dk.}$			$V_c = 65 \text{ m/dk.}$			$V_c = 130 \text{ m/dk.}$			$V_c = 320 \text{ m/dk.}$			$V_c = 200 \text{ m/dk.}$			$V_c = 50 \text{ m/dk.}$			$V_c = 50 \text{ m/dk.}$			
d_1	a_p	a_e	f_z	n	V_f	f_z	n	V_f	f_z	n	V_f	f_z	n	V_f	f_z	n	V_f	f_z	n	V_f	f_z	n	V_f	f_z	n	V_f	
6	3,0	3,0	0,045	4250	190xZ	0,032	4777	150xZ	0,040	3450	140xZ	0,090	6900	620xZ	0,066	16983	1120xZ	0,075	10616	800xZ	0,008	2654	65xZ	0,007	2854	55xZ	
8	4,0	4,0	0,060	3185	190xZ	0,042	3582	150xZ	0,054	2587	140xZ	0,120	5175	620xZ	0,088	12737	1120xZ	0,100	7962	800xZ	0,033	1990	65xZ	0,028	1990	55xZ	
10	5,0	5,0	0,075	2550	190xZ	0,052	2866	150xZ	0,068	2070	140xZ	0,150	4140	620xZ	0,110	10190	1120xZ	0,126	6370	800xZ	0,041	1592	65xZ	0,035	1592	55xZ	
12	6,0	6,0	0,090	2123	190xZ	0,063	2388	150xZ	0,081	1725	140xZ	0,180	3450	620xZ	0,132	8492	1120xZ	0,151	5308	800xZ	0,049	1327	65xZ	0,041	1327	55xZ	
14	7,0	7,0	0,104	1820	190xZ	0,073	2047	150xZ	0,095	1478	140xZ	0,210	2957	620xZ	0,154	7278	1120xZ	0,176	4550	800xZ	0,057	1137	65xZ	0,048	1137	55xZ	
16	8,0	8,0	0,119	1592	190xZ	0,084	1791	150xZ	0,108	1294	140xZ	0,240	2587	620xZ	0,176	6369	1120xZ	0,201	3981	800xZ	0,065	995	65xZ	0,055	995	55xZ	
18	9,0	9,0	0,134	1415	190xZ	0,094	1592	150xZ	0,122	1150	140xZ	0,270	2300	620xZ	0,198	5661	1120xZ	0,226	3539	800xZ	0,073	885	65xZ	0,062	885	55xZ	
20	10,0	10,0	0,149	1275	190xZ	0,105	1433	150xZ	0,135	1035	140xZ	0,300	2070	620xZ	0,220	5095	1120xZ	0,251	3185	800xZ	0,082	796	65xZ	0,069	796	55xZ	