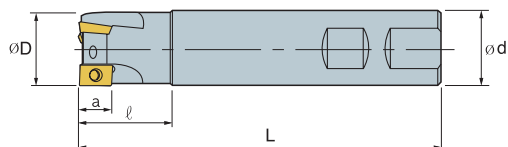


AP 11/16 - 90° End Mills



(inch)

Designation	Code No.	Price \$	ØD	Ød	a	l	L	No. of Inserts	AR	Insert	
AP 11-90 Short Length	2050S	146371	122.26	0.500	0.625	0.433	0.984	3.346	1	5°	APXT 11T3
	2062S	146372	122.26	0.625	0.625	0.433	0.984	3.543	2	7°	
	2075S	146373	122.26	0.750	0.750	0.433	1.181	3.937	2	9°	
	2075S 3 Flute	147376	145.66	0.750	0.750	0.433	1.181	3.937	3	9°	
	2100S 3/4 Shank	146374	140.82	1.000	0.750	0.433	1.378	3.500	3	9°	
	2100S 1" Shank	148414	140.82	1.000	1.000	0.433	1.378	4.528	3	9°	
Medium Length	2125M	147131	164.23	1.250	1.250	0.433	1.575	4.921	4	9°	APXT 11T3
	2150M	147132	187.82	1.500	1.250	0.433	1.654	5.118	5	9°	
	2200M	147133	262.43	2.000	1.250	0.433	1.772	5.315	6	9°	
Long Length	2062L	147284	122.26	0.625	0.625	0.433	0.984	6.500	2	7°	APXT 11T3
	2075L	147285	122.26	0.750	0.750	0.433	1.181	6.500	2	9°	
	2100L	147286	140.82	1.000	1.000	0.433	1.378	6.500	3	9°	
AP 16-90 Short Length	3100S	145705	140.82	1.000	1.000	0.630	1.378	4.528	2	9°	AP_T 1604
	3125S	145706	164.23	1.250	1.000	0.630	1.574	4.921	3	9°	
	3125S 1 1/4 SHK	146866	363.18	1.250	1.250	0.630	1.575	4.921	3	9°	
	3150S	145707	187.82	1.500	1.250	0.630	1.575	5.125	3	9°	
	3200S	145708	222.86	2.000	1.250	0.630	1.772	5.315	5	9°	
Medium Length	3100M	147282	164.23	1.000	1.000	0.630	1.378	6.500	2	9°	AP_T 1604
	3125M	147283	164.23	1.250	1.250	0.630	1.574	6.500	3	9°	
Long Length	3100L	147136	211.22	1.000	1.000	0.630	1.378	8.000	2	9°	AP_T 1604
	3125L	147137	281.49	1.250	1.250	0.630	1.574	8.500	3	9°	

*AA:0°

Parts

Designation	Insert	Screw	Wrench
AP 11 90°	APXT 11T3~	FTKA 02565S 146595 \$ 11.76	TW 08S 146728 \$ 34.98
AP 13 90°	AP_T 1604~	FTKA 0410 146969 \$ 9.48	TW 15S 146801 \$ 34.98

▶ P.E94

Recommended Cutting Condition

Workpiece	Cutting Condition		Grade
	V(sfm)	f(ipf)	
P	320~980	0.003~0.010	Coated (PM10, 20, 30C) Uncoated (PM20U)
M	160~600	0.002~0.008	Coated (MM30P)
K	Cast Iron 490~820 Alum 500~1000	0.003~0.012	Coated (KM20C) Uncoated (KTM10U)