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6/30/2025



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SPX

Buy 20 AC8115P Inserts Receive the same 10 Inserts **FREE** of Charge!



New **AC8115P**

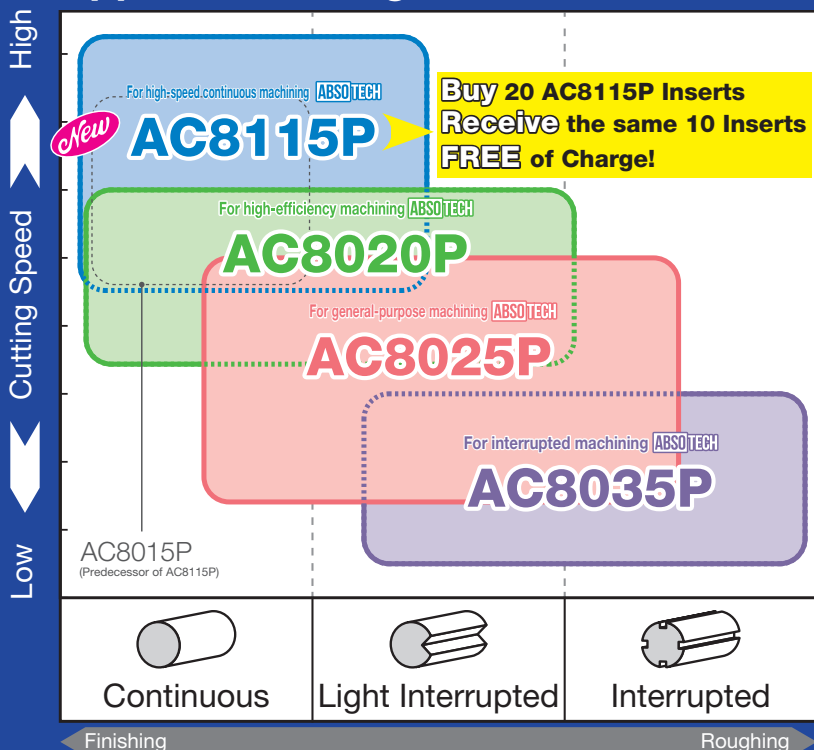
Steel Turning Grade for High-Speed Machining
with Absotech™ CVD Coating Technology



New AC8115P

Steel Turning Grade for High-Speed Machining with Absotech™ CVD Coating Technology

Application Range



AC8115P <i>New</i>	CVD ABSOTECH	Amazing Wear Resistance	Crater wear resistance 1.5x against conventional tools
AC8020P	CVD ABSOTECH	Standout Chipping Resistance	Chipping resistance in high-efficiency machining 2.5x against conventional tools
AC8025P	CVD ABSOTECH	Absolute Reliability	Adhesion resistance/chipping resistance 2x against conventional tools
AC8035P	CVD ABSOTECH	Exceptional Stability	Fracture resistance in interrupted machining 2x against conventional tools

AC8115P Recommended Cutting Conditions

Insert Shape / Cutting Edge Length	Chipbreaker	Mild Steel (A283, etc.) Low Carbon Steel (1018, etc.) Low-alloy Steel (8620, etc.) 180HB or less			High Carbon Steel (1040, etc.) High-alloy Steel (4140, etc.) 180HB or more		
		Depth of Cut a_p (inch)	Feed Rate f (IPR)	Cutting Speed v_c (SFM)	Depth of Cut a_p (inch)	Feed Rate f (IPR)	Cutting Speed v_c (SFM)
CNM□43□ TNM□33□ DNM□43□ TNM□43□ SNM□43□ WNM□43□	EFE	.004 - .047	.004 - .016	623 - 1640	.004 - .047	.004 - .016	459 - 1476
	ELU/ESU/ESE	.020 - .079	.004 - .016	558 - 1640	.020 - .079	.004 - .016	427 - 1476
	ESEW	.020 - .098	.004 - .024	558 - 1640	.020 - .098	.004 - .024	427 - 1476
	EGU/EGE/EUX	.031 - .197	.004 - .018	558 - 1640	.031 - .197	.004 - .018	427 - 1476
	EMU	.071 - .236	.008 - .024	459 - 1444	.071 - .236	.008 - .024	361 - 1247
	EME	.039 - .236	.008 - .028	459 - 1444	.039 - .236	.008 - .028	361 - 1247
CNM□54□ SNM□54□	EHG	.118 - .315	.014 - .031	459 - 1444	.118 - .315	.014 - .031	361 - 1247
	EGU/EGE/EUX	.031 - .197	.006 - .018	459 - 1312	.031 - .197	.006 - .018	361 - 1247
	EMU	.071 - .236	.008 - .024	459 - 1181	.071 - .236	.008 - .024	361 - 984
	EME	.059 - .276	.008 - .028	459 - 1181	.059 - .276	.008 - .028	361 - 984
CNM□64□ SNM□64□ CNM□86□ SNM□86□ DNM□54□ TNM□54□	EHG	.118 - .315	.014 - .031	394 - 1083	.118 - .315	.014 - .031	295 - 886
	EMU	.071 - .236	.008 - .024	459 - 1181	.071 - .236	.008 - .024	361 - 984
	EME	.079 - .315	.008 - .028	459 - 1181	.079 - .315	.008 - .028	361 - 984
	EHG	.118 - .354	.014 - .031	394 - 1083	.118 - .354	.014 - .031	295 - 886

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