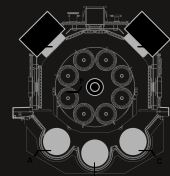
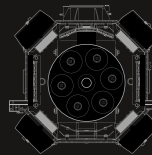
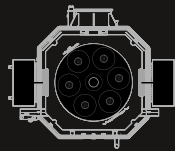
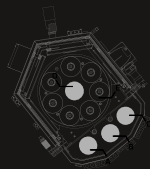
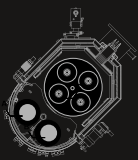




PLATIT COATING INTELLIGENCE

CATHODE CONFIGURATIONS



Cathode configurations



STANDARD CONFIGURATIONS AND AVAILABLE UPGRADES

PLATIT® <i>11</i> - Series		111	411		711	1011	1511	
Standard configurations		2 x LARC® PLUS	3 x LARC®, additional options available		2 x Planar HiPIMS & PECVD mode	4 x Planar ARC	3 x LARC® XL & 2 x Planar ARC	
1	TiN	{-, Ti}	{Ti, -, -} (LGD, -, -, Ti SCIL)		{Cr, Ti}	{Ti, -, Ti, -}	{Ti, Al, TiSi20, Ti, AlTi33}	1
2	TiCN		{Ti, -, -}			{Ti, -, Ti, -}		2
3	TiAlN	{Al, Ti}	{Al, AlTi33, Ti} {Ti, Al, -} {Ti, Al, -, AlTi33}			{Ti, TiAl50, Ti, TiAl50}		3
4	TiAlCN		{Ti, Al, -} {Ti, Al, Ti, AlTi33}			{Ti, TiAl50, Ti, TiAl50}		4
5	AlTiN	{Al, Ti}	{Al, AlTi33, Ti} {Ti, Al, -} {Ti, Al, -, AlTi33}			{Ti, AlTi33, Ti, AlTi33}	{Ti, Al, -, Ti, AlTi33}	5
6	CrN	{-, Cr}	{Cr, -, -}		{Cr, Cr}	{-, Cr, -, Cr}		6
7	CrTiN	{Cr, Ti}	{Ti, -, Cr} {Ti, Al, -, CrTi50 SCIL}			{Ti, Cr, Ti, Cr}		7
8	ZrN	{Zr, Ti}	{Ti, -, Zr}			{Ti, Zr, Ti, Zr}		8
9	AlCrN	{Al, Cr}	{Al, AlCr30, Cr} {-, Al, Cr} {-, Al, Cr, AlCr30} (LGD, -, Cr, AlCr30 SCIL)			{Cr, AlCr35, -, AlCr35}	{Ti, Al, Cr, AlCr36, AlCr36}	9
10	AlTiCrN	{AlCr30, Ti}	{Ti, Al, Cr}			{Cr, AlTi33, AlTi33, AlCr36}		10
11	ALL4	{Al, CrTi15}	{CrTi15, Al, Cr} {Ti, Al, Cr, AlCr30}			{Cr, AlTi33, Cr, AlTi33}		11
12	nACo	{AlSi12, Ti}	{Ti, AlSi18, -} {Ti, AlSi18, -, AlTi33}			{Ti, AlTi33, AlTi33-10, AlTi33}	{Ti, Al, TiSi20, AlTi33, AlTi33}	12
13	nACRo	{AlSi12, Cr}	{-, AlSi18, Cr} {-, AlSi18, Cr, AlTi33}			{Cr, AlCrSi30-10, Cr, AlCr36}	{-, AlSi18, Cr, AlCr36, AlCr36}	13
14	TiXCo3	{Al, TiSi20}	{Ti, Al, TiSi20}			{Ti, AlTi33, TiSi20, AlTi33}	{Ti, Al, TiSi20, AlTi33, AlTi33}	14
15	TiXCo4		{Ti, Al, TiSi20, AlCr30}					15
16	PSiX		{Ti, Al, TiSi20}					16
17	BorAC		{Al, AlCrB20-10, Cr} {Ti, Al, Cr, TiB2 SCIL}					17
18	BorAX		{TiSi20, Al, Cr, TiB2 SCIL}					18
19	TiB2		(LGD, -, -, TiB2 SCIL)					19
20	WC/C		(LGD, -, Cr, W SCIL)					20
21	DLC1: TiCN + a-C:H:Me		{Ti, -, -}			{Ti, -, Ti, -}		21
22	DLC1: nACRo + a-C:H:Me		{-, AlSi18, Cr}					22
23	DLC2: TiN + a-C:H:Si		(LGD, -, -, Ti SCIL)					23
24	DLC2: CrN + a-C:H:Si		{-, -, Cr}		{Cr, Cr}			24
25	DLC2: CrTiN + a-C:H:Si		{Ti, -, Cr}					25
26	DLC3: Cr + ta-C/a-C		(LGD, -, Cr, C SCIL)		{Cr, C}			26
27	nACoX		{Ti, AlSi18, AlCr45}					27

Legend

Standard configuration	Available with TURBO configuration	Available with LACS® configuration
Available with PECVD option (DLC2)	Available with SCIL® configuration	Available with OXI configuration



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