Coolant-through carbide drill series for Titanium Alloys and Stainless Steel

ADO-SUS

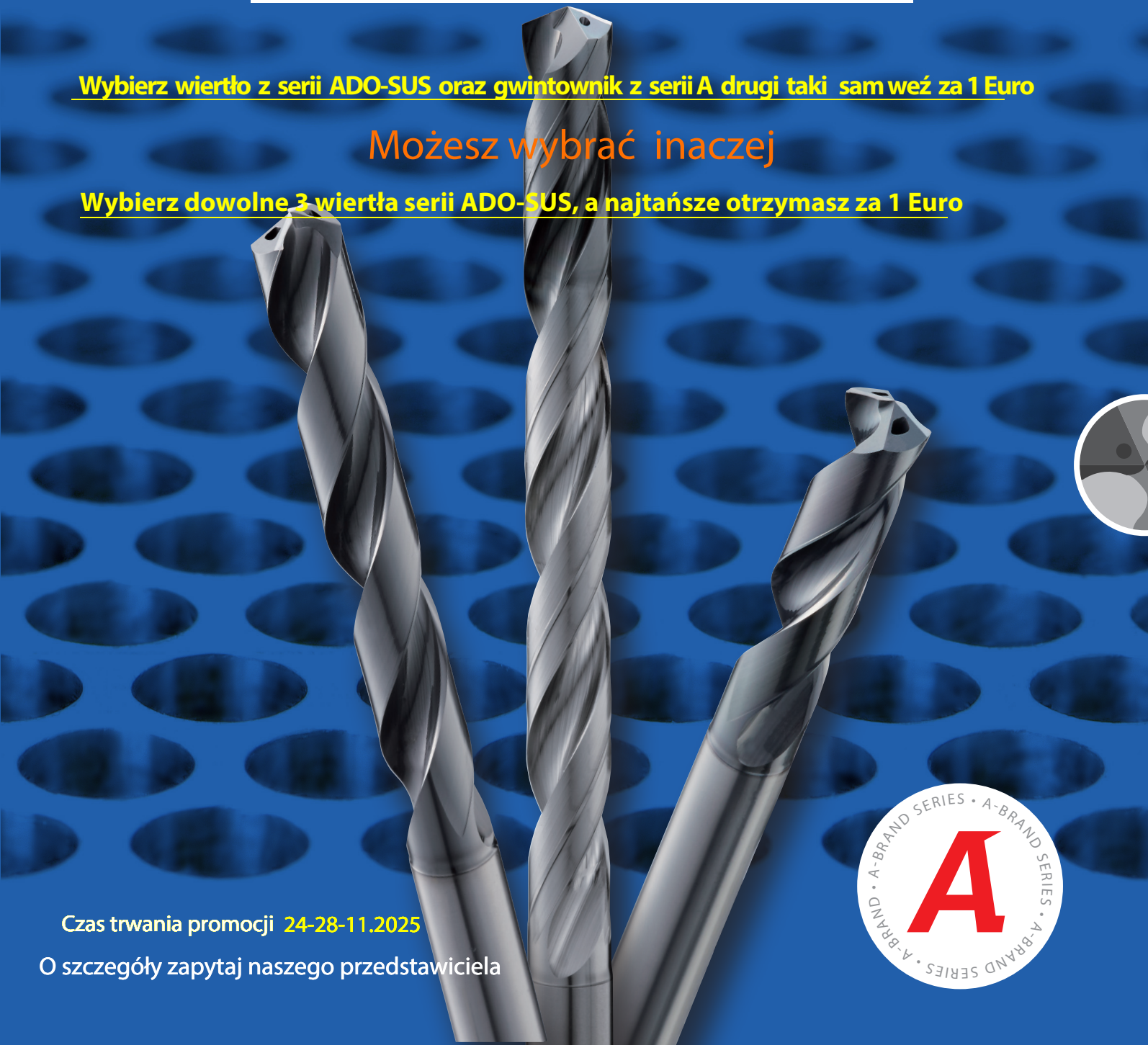
Volume 6

AKCJA PROMOCYJNA

Wybierz wiertło z serii ADO-SUS oraz gwintownik z serii A drugi taki sam weź za 1 Euro

Możesz wybrać inaczej

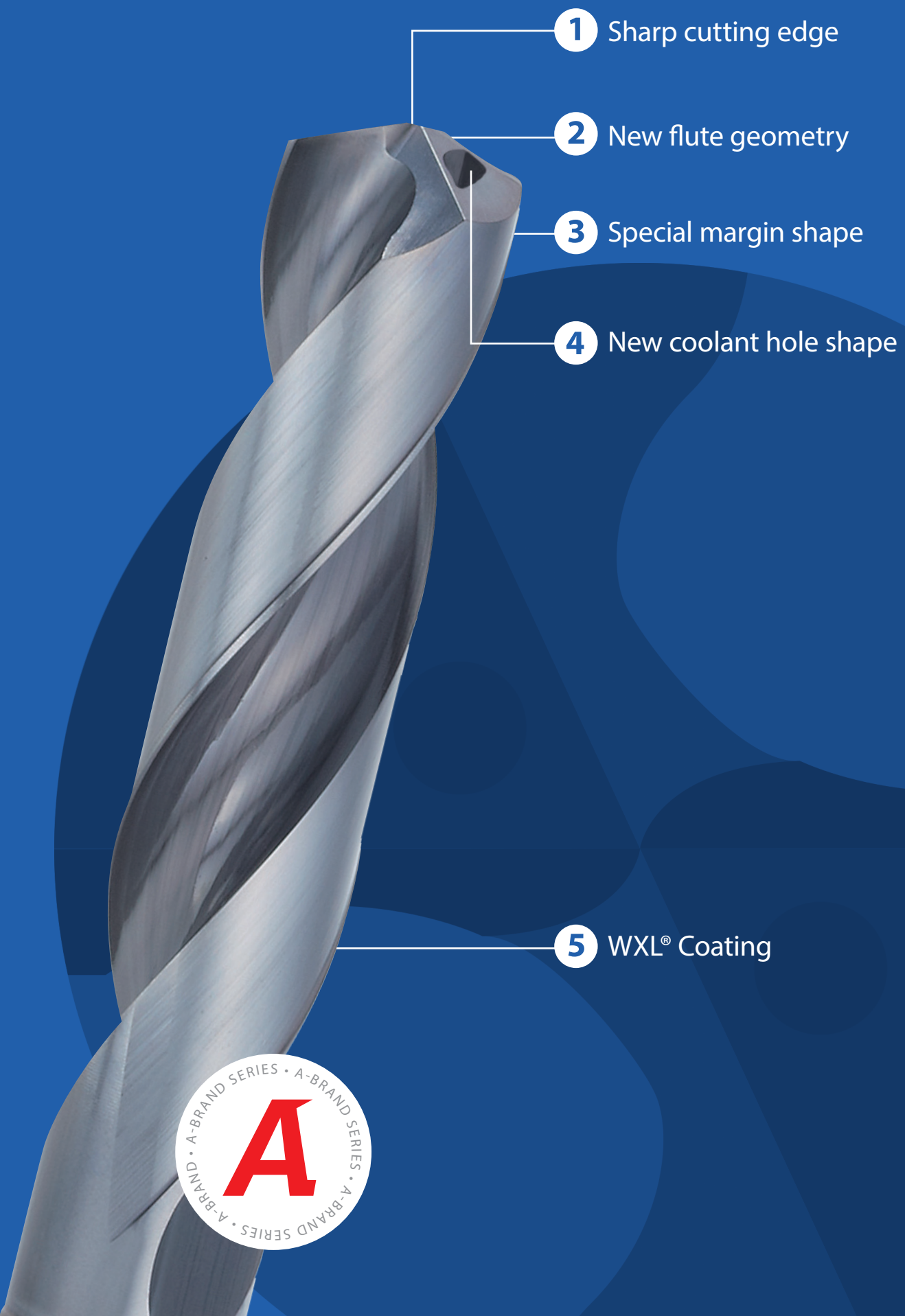
Wybierz dowolne 3 wiertła serii ADO-SUS, a najtańsze otrzymasz za 1 Euro



Czas trwania promocji 24-28-11.2025

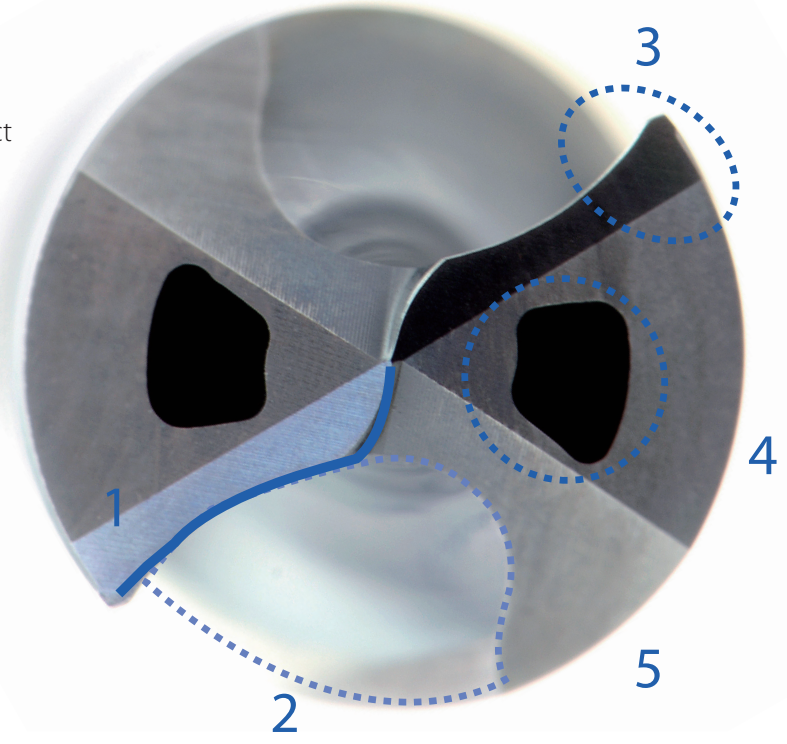
O szczegóły zapytaj naszego przedstawiciela

KEY FEATURES: ADO-SUS SERIES



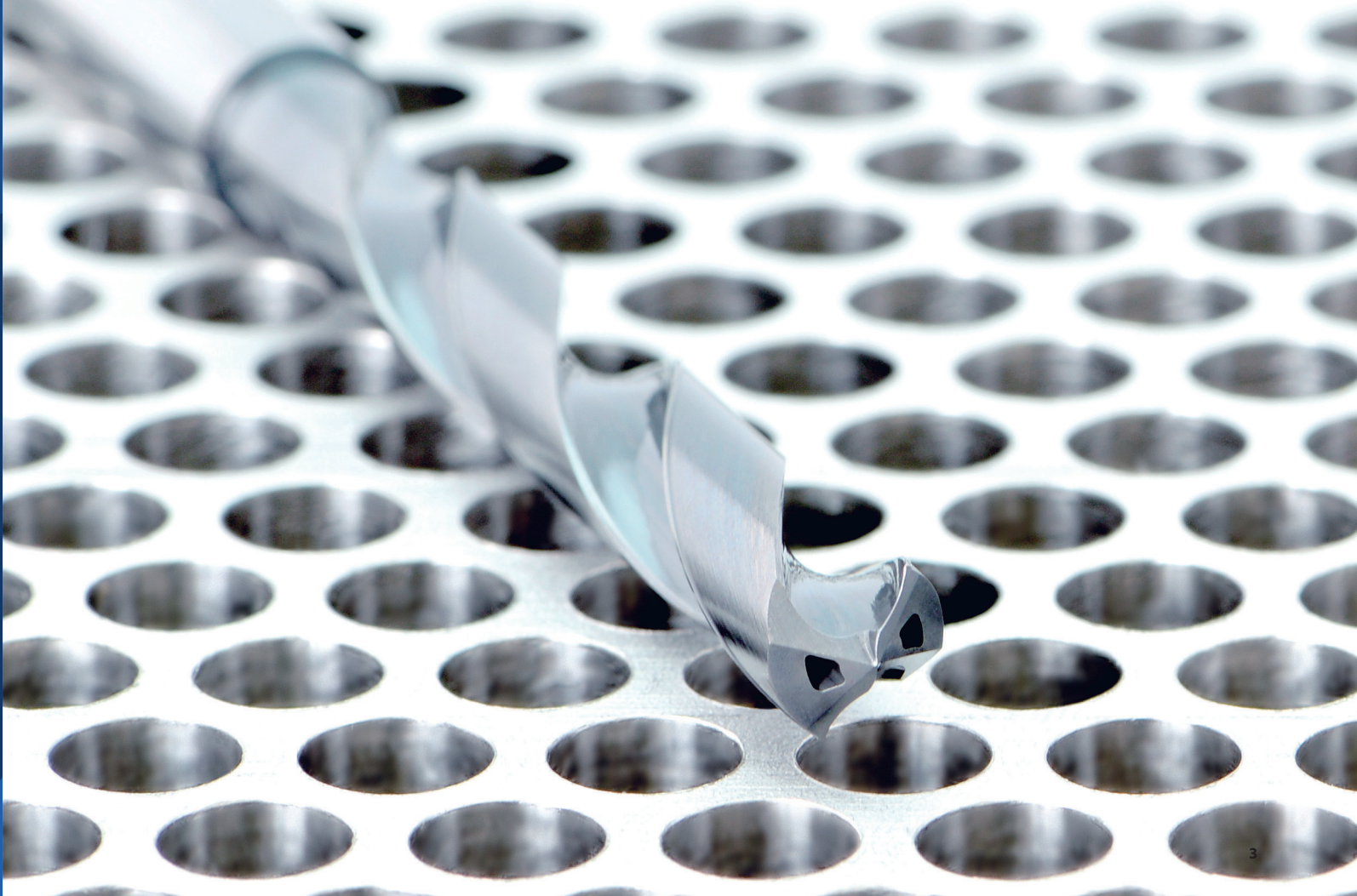
ADO-SUS DRILL FOR STAINLESS STEELS, TITANIUM ALLOYS & VARIOUS MATERIALS

OSG's next generation of carbide drills is an almighty one. Focused on the reduction of thrust and aimed at machining Stainless Steel, ADO-SUS-3D/5D is the perfect drill to use for your machine. The flute design produces optimal chip shape, thereby realizing smooth chip evacuation.
The margin form is designed to realize low resistance and low cutting temperature.



Common machining problems associated with these materials :

- Work hardening tendency
- Elongation of chips
- Low thermal conductivity
- Welding on cutting tool

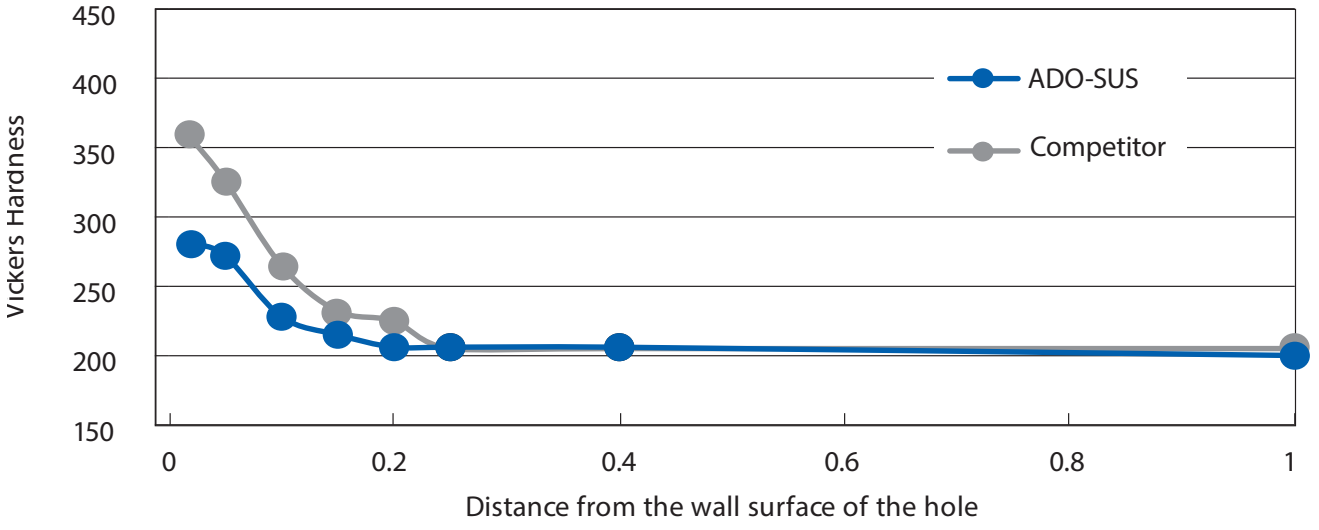


KEY FEATURES & BENEFITS

1 Solution for work hardening - Sharp cutting edge

Reduces work hardening, which leads to longer tool life during tapping and reaming

Tool	ADO-SUS-5D φ10	Speed	70m/min (2,229min^{-1})	Coolant	1.5MPa Water Soluble Internal
Work Material	SUS3040C	Feed Rate	446mm/min(0.2mm/rev)	Machine	Horizontal Machining Center



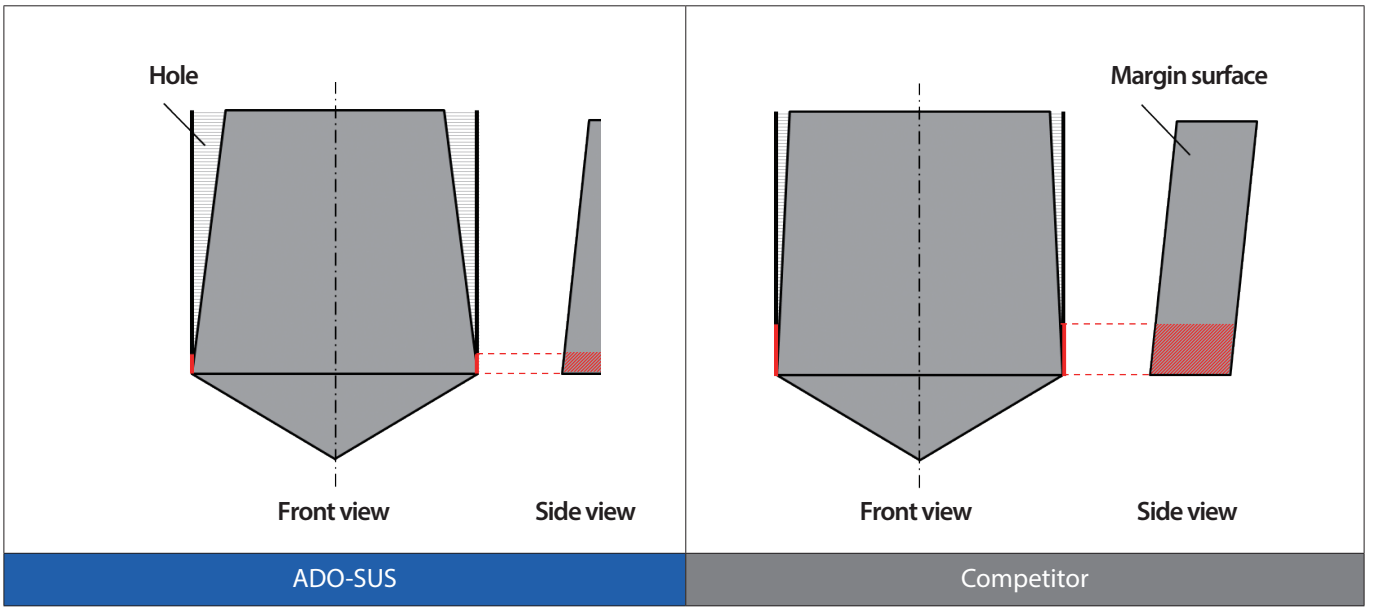
2 Solution for elongation of chips - New flute geometry

Enables the creation of compact cutting chips

ADO-SUS | Competitor

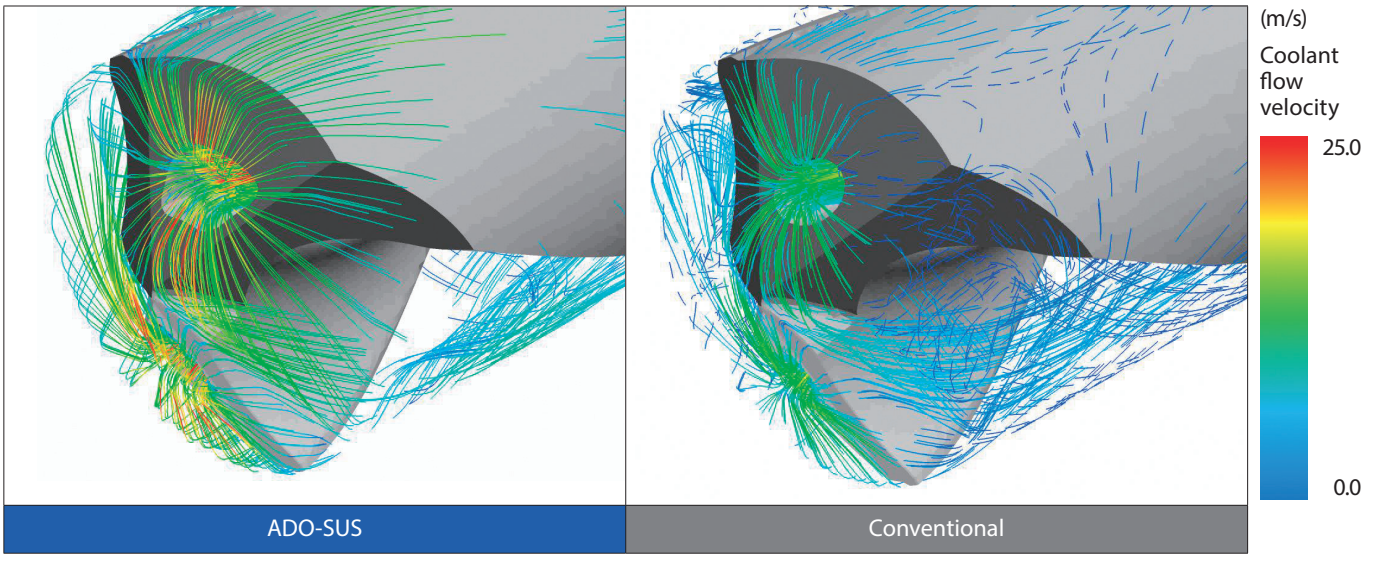
3 Solution for high machining heat - Special margin shape

Reduces friction and heat generation



4 Solution for high machining heat - New coolant hole shape

Improves coolant flow, chip evacuation and cutting heat generation



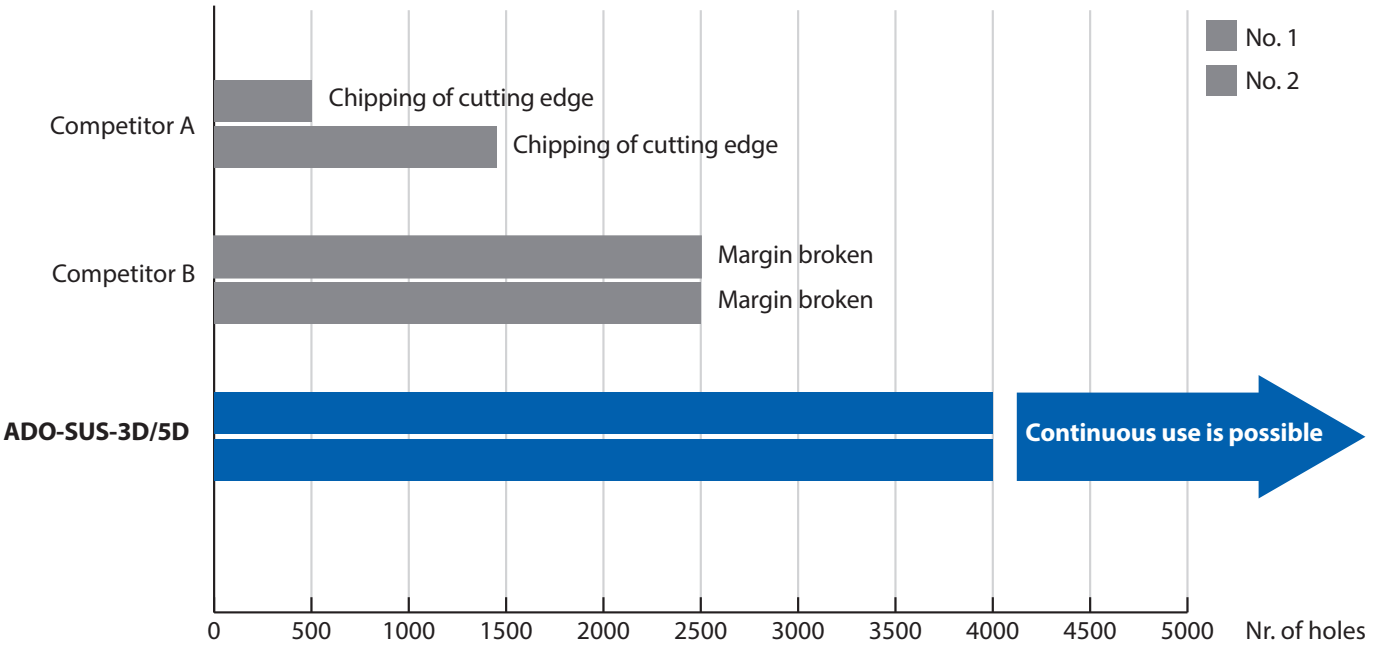
Analysis of coolant flow with spindle speed of 2,200min^{-1}

5 Solution for welding - WXL® coating

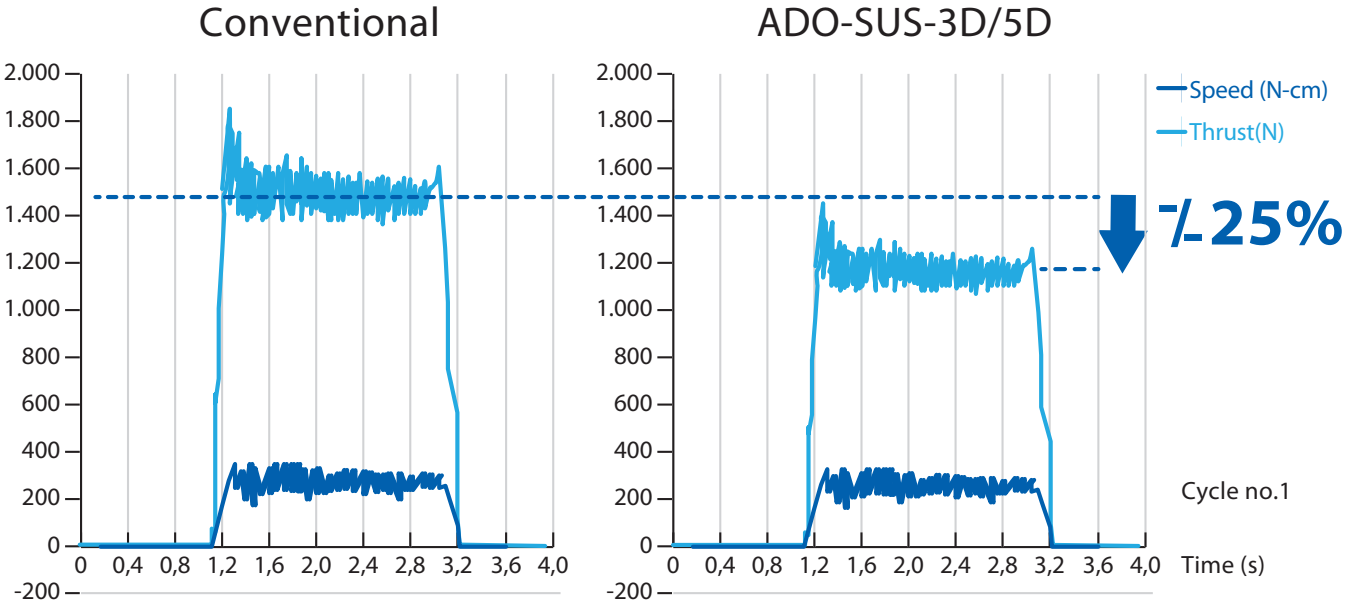
High adhesion strength, which minimizes the possibility of chipping

PERFORMANCE ADO-SUS-3D/5D VERSUS CONVENTIONAL TYPE IN STAINLESS STEEL

Cutting Dia	Ø6	Speed	80m/min	Depth of Hole	25mm (Through hole)
Material	SUS304 (1.4301)	Feed Rate	0,18mm/rev (3% x D)	Coolant	Internal - Emulsion - 1,5Mpa

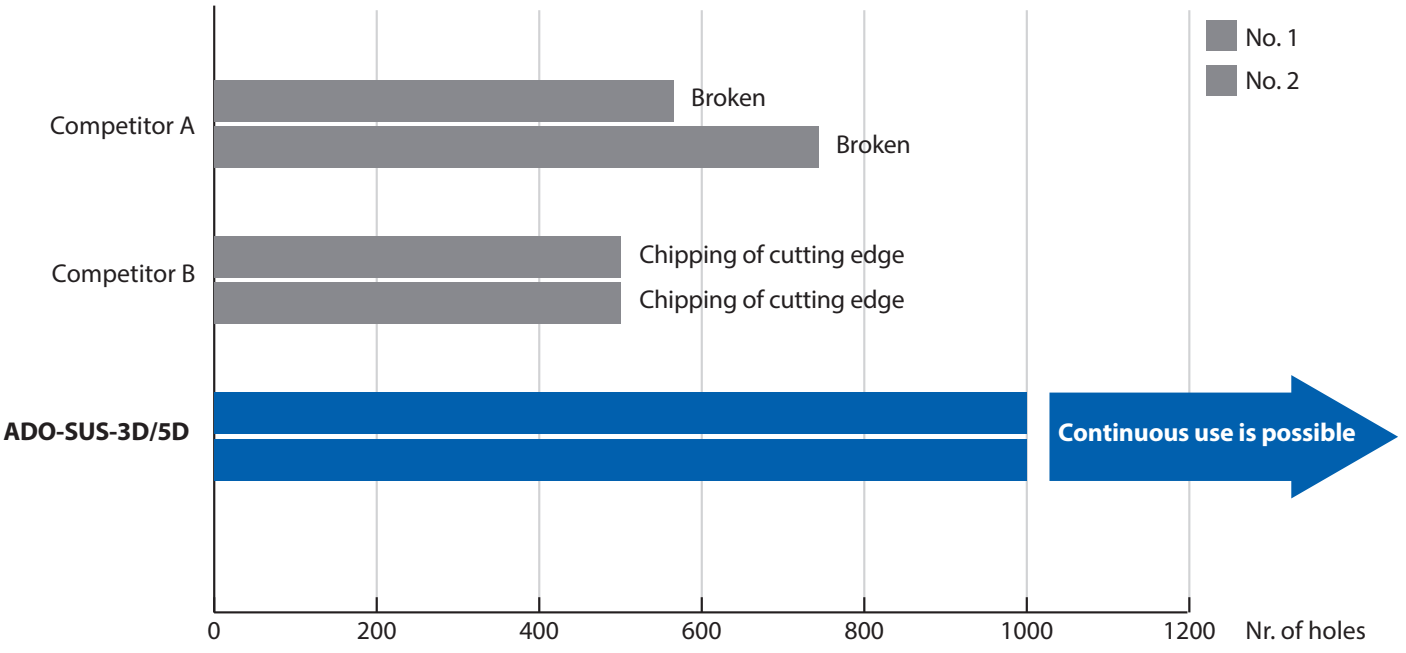


CONVENTIONAL TYPE VERSUS ADO-SUS-3D/5D



PERFORMANCE ADO-SUS-3D/5D VERSUS CONVENTIONAL TYPE IN CARBON STEEL

Cutting Dia	Ø10	Speed	100m/min	Depth of Hole	50mm (Through hole)
Material	S50C (1.1213)	Feed Rate	0,30mm/rev (3% x D)	Coolant	Internal - Emulsion - 1,5Mpa



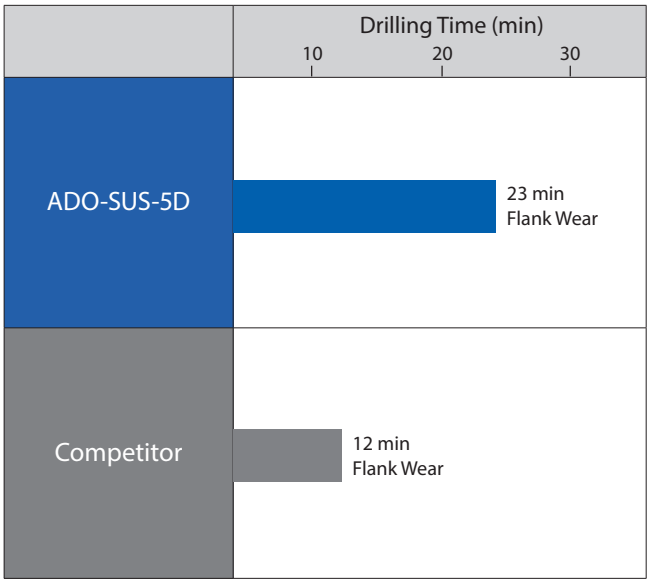
CUTTING CONDITIONS ADO-SUS-3D/5D/8D

	Carbon Steel S50C		Alloy Steel SCM440		Alloy Steel SCM440 • 30HRC		Stainless Steel SUS304 - SUS316		Super Duplex SUS630 • 17-4PH • 15-5PH		Ti Alloy	
Vc	80 ~ 120 m/min		80 ~ 120 m/min		60 ~ 90 m/min		60 ~ 100 m/min		30 ~ 60 m/min		20 ~ 50 m/min	
Ø	S (min^{-1})	F (mm/rev.)	S (min^{-1})	F (mm/rev.)	S (min^{-1})	F (mm/rev.)	S (min^{-1})	F (mm/rev.)	S (min^{-1})	F (mm/rev.)	S (min^{-1})	F (mm/rev.)
2	12.700	0,04~0,08	12.700	0,04~0,08	11.900	0,04~0,08	12.700	0,04~0,08	9.500	0,04~0,08	6.400	0,04~0,08
3	10.600	0,06~0,12	10.600	0,06~0,12	7.400	0,06~0,12	8.500	0,06~0,12	4.800	0,06~0,09	3.700	0,05~0,09
4	8.000	0,08~0,16	8.000	0,08~0,16	5.600	0,08~0,16	6.400	0,08~0,16	3.600	0,08~0,12	2.800	0,06~0,12
5	6.400	0,10~0,20	6.400	0,10~0,20	4.500	0,10~0,20	5.100	0,10~0,20	2.900	0,10~0,15	2.200	0,08~0,15
6	5.300	0,12~0,24	5.300	0,12~0,24	3.700	0,12~0,24	4.200	0,12~0,24	2.400	0,12~0,18	1.900	0,09~0,18
7	4.500	0,14~0,26	4.500	0,14~0,26	3.200	0,14~0,26	3.600	0,14~0,26	2.000	0,14~0,21	1.600	0,11~0,21
8	4.000	0,16~0,28	4.000	0,16~0,28	2.800	0,16~0,28	3.200	0,16~0,28	1.800	0,16~0,24	1.400	0,12~0,24
9	3.500	0,18~0,30	3.500	0,18~0,30	2.500	0,18~0,30	2.800	0,18~0,30	1.600	0,18~0,27	1.200	0,14~0,27
10	3.200	0,20~0,30	3.200	0,20~0,30	2.200	0,20~0,30	2.500	0,20~0,30	1.400	0,20~0,30	1.100	0,15~0,30
11	2.900	0,20~0,30	2.900	0,20~0,30	2.000	0,20~0,30	2.300	0,20~0,30	1.300	0,20~0,30	1.000	0,15~0,30
12	2.700	0,21~0,30	2.700	0,21~0,30	1.900	0,21~0,30	2.100	0,21~0,30	1.200	0,21~0,30	900	0,16~0,30
13	2.400	0,21~0,33	2.400	0,21~0,33	1.700	0,21~0,33	2.000	0,21~0,33	1.100	0,21~0,33	900	0,18~0,33
14	2.300	0,22~0,35	2.300	0,22~0,35	1.600	0,22~0,35	1.800	0,22~0,35	1.000	0,22~0,35	800	0,19~0,35
16	2.000	0,25~0,36	2.000	0,25~0,36	1.400	0,25~0,36	1.600	0,25~0,36	900	0,25~0,36	700	0,22~0,36
18	1.800	0,28~0,38	1.800	0,28~0,38	1.200	0,28~0,38	1.400	0,28~0,38	800	0,28~0,38	600	0,24~0,38
20	1.600	0,30~0,40	1.600	0,30~0,40	1.100	0,30~0,40	1.300	0,30~0,40	700	0,30~0,40	600	0,27~0,40

MACHINING DATA OF STAINLESS STEEL

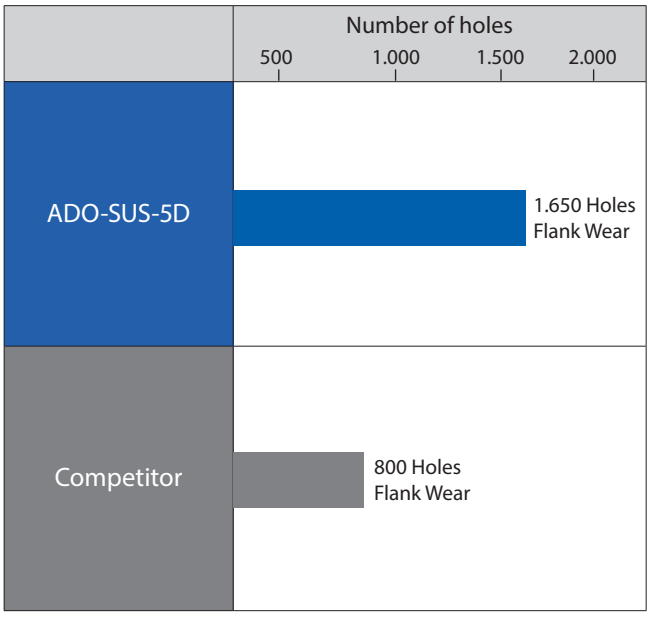
Machining precipitation hardening Stainless Steel

Tool	ADO-SUS-5D	Competitor
Size	Ø 6,7	
Work Material	15-5 PH	
Cutting Speed	50m/min (2.377 min^{-1})	
Feed Rate	357 mm/min (0,15 mm/rev)	
Depth of Hole	45 mm (Blind)	
Coolant	Water Soluble (Internal)	
Machine	Horizontal Machining Center	



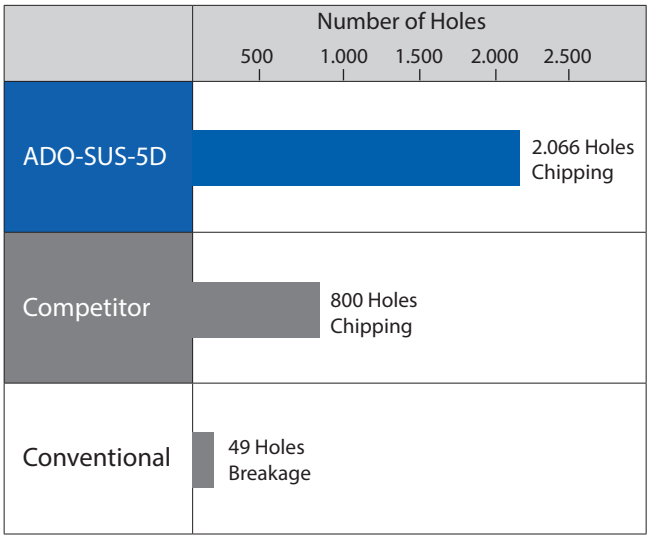
Machining Duplex Stainless Steel

Tool	ADO-SUS-5D	Competitor
Size	Ø 10,3	
Work Material	SUS329J3L	
Cutting Speed	65m/min (2.010 min^{-1})	
Feed Rate	462 mm/min (0,23 mm/rev)	
Depth of Hole	48 mm (Through)	
Coolant	Water Soluble (Internal)	
Machine	Multifunction Lathe	



ADO-SUS-3D in Titanium Alloy

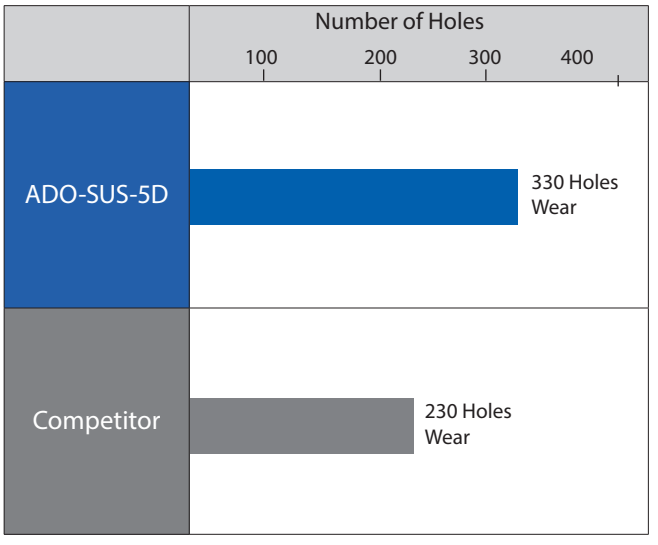
Tool	ADO-SUS-3D Ø 5,1
Work Material	Ti-6Al-4V (34~36 HRC) (After aging treatment)
Cutting Speed	40m/min (2.498 min^{-1})
Feed Rate	300 mm/min (0,12 mm/rev)
Depth of Hole	17 mm (Through)
Coolant	Water Soluble (Internal)
Machine	Horizontal Machining Center



Cutting chips

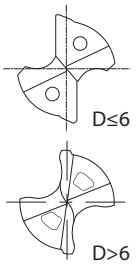
ADO-SUS-5D in Titanium Alloy

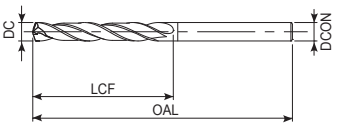
Tool	ADO-SUS-5D Ø 10,5
Work Material	Ti-6Al-4V
Cutting Speed	45m/min (1.365 min^{-1})
Feed Rate	177,5 mm/min (0,13 mm/rev)
Depth of Hole	29 mm (Blind)
Coolant	Water Soluble (Internal)
Machine	Horizontal Machining Center



ADO-SUS-3D NEW SIZES

Drilling | Solid carbide | 3xD





- First choice in quality and performance
- Carbide drill with internal coolant, WXL coating
- Up to 3xD
- Designed for stainless steel and titanium alloys
- 179 sizes

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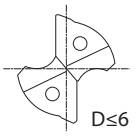
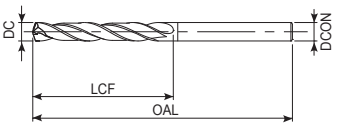
EDP	DC	LCF	OAL	DCON
8665200	2	12	66	3
8665210	2,1	13	66	3
8665220	2,2	14	66	3
8665230	2,3	14	66	3
8665240	2,4	15	66	3
8665250	2,5	15	66	3
8665260	2,6	16	66	3
8665270	2,7	17	66	3
8665280	2,8	17	66	3
8665283	2,83	17	66	3
8665287	2,87	18	66	3
8665290	2,9	18	66	3
8665300	3	18	66	3
8665310	3,1	19	74	4
8665315	3,15	19	74	4
8665320	3,2	20	74	4
8665326	3,26	20	74	4
8665330	3,3	20	74	4
8665340	3,4	21	74	4
8665350	3,5	21	74	4
8665360	3,6	22	74	4
8665370	3,7	23	74	4
8665373	3,73	23	74	4
8665375	3,75	23	74	4
8665380	3,8	23	74	4
8665390	3,9	24	74	4
8665400	4	24	74	4
8680410	4,1	25	80	6
8680420	4,2	26	80	6
8680430	4,3	26	80	6
8680440	4,4	27	80	6
8680445	4,45	27	80	6
8680450	4,5	27	80	6
8680460	4,6	28	80	6
8680465	4,65	28	80	6
8680470	4,7	29	80	6
8680480	4,8	29	80	6
8665485	4,85	29	80	6
8680490	4,9	30	80	6
8680500	5	25	80	6
8665510	5,1	26	82	6
8665520	5,2	26	82	6
8665525	5,25	27	82	6
8665530	5,3	27	82	6
8665540	5,4	27	82	6
8665550	5,5	28	82	6

EDP	DC	LCF	OAL	DCON
8680555	5,55	28	82	6
8665560	5,6	28	82	6
8665570	5,7	29	82	6
8665580	5,8	29	82	6
8665590	5,9	30	82	6
8665600	6	30	82	6
8680610	6,1	31	88	8
8680620	6,2	31	88	8
8680630	6,3	32	88	8
8680640	6,4	32	88	8
8680650	6,5	33	88	8
8680660	6,6	33	88	8
8680670	6,7	34	88	8
8680680	6,8	34	88	8
8680690	6,9	35	88	8
8680700	7	35	88	8
8665710	7,1	36	94	8
8665720	7,2	36	94	8
8665725	7,25	37	94	8
8665730	7,3	37	94	8
8665740	7,4	37	94	8
8680745	7,45	38	94	8
8665750	7,5	38	94	8
8680755	7,55	38	94	8
8665760	7,6	38	94	8
8665770	7,7	39	94	8
8665775	7,75	39	94	8
8665780	7,8	39	94	8
8665790	7,9	40	94	8
8665800	8	40	94	8
8680810	8,1	41	101	10
8680820	8,2	41	101	10
8680830	8,3	42	101	10
8680840	8,4	42	101	10
8680850	8,5	43	101	10
8680860	8,6	43	101	10
8680870	8,7	44	101	10
8680880	8,8	44	101	10
8680890	8,9	45	101	10
8680900	9	45	101	10
8665910	9,1	46	106	10
8665920	9,2	46	106	10
8665925	9,25	47	106	10
8665930	9,3	47	106	10
8665940	9,4	47	106	10
8665950	9,5	48	106	10

ADO-SUS-3D NEW SIZES

Drilling | Solid carbide | 3xD





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P C <0,2% | P 0,25<C<0,4 | P C ≥ 0,45% | P SCM | M INOX | K GG | K GGG | N AC, ADC | S Ti | H 25-35 HRC | H 35-45 HRC | H 45-52 HRC

A | CARBIDE | WXL | 30° | SHRINK FIT | 140° | h8

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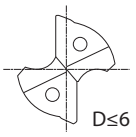
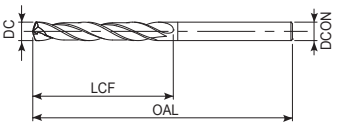
EDP	DC	LCF	OAL	DCON
8680955	9,55	48	106	10
8665960	9,6	48	106	10
8665970	9,7	49	106	10
8665975	9,75	49	106	10
8665980	9,8	49	106	10
8665990	9,9	50	106	10
8666000	10	50	106	10
8681010	10,1	51	113	12
8681020	10,2	51	113	12
8681030	10,3	52	113	12
8681040	10,4	52	113	12
8681050	10,5	53	113	12
8681060	10,6	53	113	12
8681070	10,7	54	113	12
8681080	10,8	54	113	12
8681090	10,9	55	113	12
8681100	11	55	113	12
8666110	11,1	56	120	12
8666120	11,2	56	120	12
8666130	11,3	57	120	12
8666140	11,4	57	120	12
8666150	11,5	58	120	12
8666160	11,6	58	120	12
8666170	11,7	59	120	12
8666180	11,8	59	120	12
8666190	11,9	60	120	12
8666200	12	60	120	12
8681210	12,1	61	128	14
8681220	12,2	61	128	14
8681230	12,3	62	128	14
8681240	12,4	62	128	14
8681250	12,5	63	128	14
8681260	12,6	63	128	14
8681270	12,7	64	128	14
8681280	12,8	64	128	14
8681290	12,9	65	128	14
8681300	13	65	128	14
8666310	13,1	66	134	14
8666320	13,2	67	134	14
8666330	13,3	68	134	14
8666340	13,4	67	134	14
8681343	13,43	68	134	14
8666350	13,5	68	134	14
8681355	13,55	68	134	14
8666360	13,6	68	134	14
8666370	13,7	69	134	14

EDP	DC	LCF	OAL	DCON
8666380	13,8	69	134	14
8666390	13,9	70	134	14
8666400	14	70	134	14
8681410	14,1	71	140	16
8681420	14,2	71	140	16
8681430	14,3	72	140	16
8681440	14,4	72	140	16
8681450	14,5	73	140	16
8681460	14,6	73	140	16
8681470	14,7	74	140	16
8681480	14,8	74	140	16
8681490	14,9	75	140	16
8681500	15	75	140	16
8666510	15,1	76	145	16
8666520	15,2	76	145	16
8666530	15,3	77	145	16
8666540	15,4	77	145	16
8666550	15,5	78	145	16
8681555	15,55	78	145	16
8666560	15,6	78	145	16
8666570	15,7	79	145	16
8666580	15,8	79	145	16
8666590	15,9	80	145	16
8666600	16	80	145	16
48350161 NEW	16,1	80	145	18
8681650	16,5	83	150	18
8681670	16,7	84	150	18
8681700	17	85	150	18
8681730	17,3	87	155	18
8666750	17,5	88	155	18
8681755	17,55	88	155	18
48350178 NEW	17,8	90	155	18
8666800	18	90	155	18
48350181 NEW	18,1	90	155	20
8681850	18,5	93	160	20
8681870	18,7	94	160	20
8681900	19	95	160	20
8681930	19,3	97	165	20
8666950	19,5	98	165	20
8681955	19,55	98	165	20
8667000	20	100	165	20

ADO-SUS-5D NEW SIZES

Drilling | Solid carbide | 5xD





- First choice in quality and performance
- Carbide drill with internal coolant, WXL coating
- Up to 5xD
- Designed for stainless steel and titanium alloys
- 198 sizes

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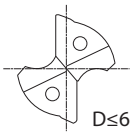
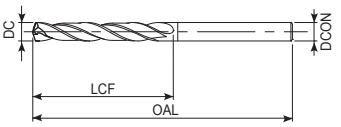
EDP	DC	LCF	OAL	DCON
8667200	2	18	70	3
8667210	2,1	19	70	3
48349215 NEW	2,15	20	70	3
8667220	2,2	20	70	3
48349225 NEW	2,25	21	70	3
8667230	2,3	21	70	3
48349235 NEW	2,35	22	70	3
8667240	2,4	22	70	3
8667250	2,5	23	70	3
48349255 NEW	2,55	24	70	3
8667260	2,6	24	78	3
8667270	2,7	25	78	3
8667276	2,76	25	78	3
8667278	2,78	26	78	3
8667280	2,8	26	78	3
8667283	2,83	26	78	3
8667287	2,87	26	78	3
8667290	2,9	27	78	3
8667300	3	27	78	3
8667310	3,1	28	86	4
8667315	3,15	29	86	4
8667320	3,2	29	86	4
8667326	3,26	29	86	4
8667330	3,3	30	86	4
48349335 NEW	3,35	31	86	4
8667340	3,4	31	86	4
8667350	3,5	32	86	4
8667360	3,6	33	86	4
8667366	3,66	33	86	4
8667368	3,68	34	86	4
8667370	3,7	34	86	4
8667373	3,73	34	86	4
8667375	3,75	34	86	4
8667380	3,8	35	86	4
8667390	3,9	36	86	4
8667400	4	36	86	4
8682410	4,1	37	95	6
8682420	4,2	38	95	6
8682430	4,3	39	95	6
8682440	4,4	40	95	6
8682445	4,45	41	95	6
8682450	4,5	41	95	6
8682460	4,6	42	95	6
8682464	4,64	42	95	6
8682470	4,7	43	95	6
8682480	4,8	44	95	6

EDP	DC	LCF	OAL	DCON
8682490	4,9	45	95	6
8682500	5	45	95	6
8667510	5,1	41	100	6
8667520	5,2	42	100	6
8667530	5,3	43	100	6
8667540	5,4	44	100	6
8667550	5,5	44	100	6
8667552	5,52	45	100	6
8667554	5,54	45	100	6
8667560	5,6	45	100	6
8667570	5,7	46	100	6
8667580	5,8	47	100	6
8667590	5,9	48	100	6
8667600	6	48	100	6
8682610	6,1	49	109	8
8682620	6,2	50	109	8
8682630	6,3	51	109	8
8682640	6,4	52	109	8
8682650	6,5	52	109	8
8682660	6,6	53	109	8
8682670	6,7	54	109	8
8682680	6,8	55	109	8
8682690	6,9	56	109	8
8682700	7	56	109	8
8667710	7,1	57	118	8
8667720	7,2	58	118	8
8667725	7,25	58	118	8
8667730	7,3	59	118	8
8667736	7,36	59	118	8
8667738	7,38	60	118	8
8667740	7,4	60	118	8
8682745	7,45	60	118	8
8667750	7,5	60	118	8
8667752	7,52	61	118	8
8667754	7,54	61	118	8
8667760	7,6	61	118	8
8667770	7,7	62	118	8
8667775	7,75	62	118	8
8667780	7,8	63	118	8
8667790	7,9	64	118	8
8667800	8	64	118	8
8682810	8,1	65	128	10
8682820	8,2	66	128	10
8682830	8,3	67	128	10
8682840	8,4	68	128	10
8682850	8,5	68	128	10

ADO-SUS-5D NEW SIZES

Drilling | Solid carbide | 5xD





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- 198 sizes

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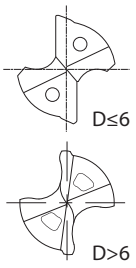
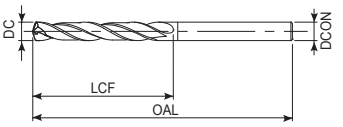
EDP	DC	LCF	OAL	DCON
8682860	8,6	69	128	10
8682870	8,7	70	128	10
8682880	8,8	71	128	10
8682890	8,9	72	128	10
8682900	9	72	128	10
8667910	9,1	73	136	10
8667920	9,2	74	136	10
8667924	9,24	74	136	10
8667925	9,25	74	136	10
8667926	9,26	75	136	10
8667930	9,3	75	136	10
8667936	9,36	75	136	10
8667938	9,38	76	136	10
8667940	9,4	76	136	10
8667950	9,5	76	136	10
8667952	9,52	77	136	10
8667954	9,54	77	136	10
8667960	9,6	77	136	10
8667970	9,7	78	136	10
8667975	9,75	78	136	10
8667980	9,8	79	136	10
8667990	9,9	80	136	10
8668000	10	80	136	10
8683010	10,1	81	146	12
8683020	10,2	82	146	12
8683030	10,3	83	146	12
8683040	10,4	84	146	12
8683050	10,5	84	146	12
8683060	10,6	85	146	12
8683070	10,7	86	146	12
8683080	10,8	87	146	12
8683090	10,9	88	146	12
8683100	11	88	146	12
8668110	11,1	89	156	12
8668120	11,2	90	156	12
8668122	11,22	90	156	12
8668124	11,24	90	156	12
8668130	11,3	91	156	12
8668136	11,36	91	156	12
8668138	11,38	92	156	12
8668140	11,4	92	156	12
8668150	11,5	92	156	12
8668160	11,6	93	156	12
8668170	11,7	94	156	12
8668180	11,8	95	156	12
8668190	11,9	96	156	12

EDP	DC	LCF	OAL	DCON
8668200	12	96	156	12
8683210	12,1	97	167	14
8683220	12,2	98	167	14
8683230	12,3	99	167	14
8683240	12,4	100	167	14
8683250	12,5	100	167	14
8683260	12,6	101	167	14
8683270	12,7	102	167	14
8683280	12,8	103	167	14
8683290	12,9	104	167	14
8683300	13	104	167	14
8668310	13,1	105	176	14
8668320	13,2	106	176	14
8668325	13,25	106	176	14
8668330	13,3	107	176	14
8668340	13,4	108	176	14
8683343	13,43	108	176	14
8668350	13,5	108	176	14
8683355	13,55	109	176	14
8668360	13,6	109	176	14
8668370	13,7	110	176	14
8668380	13,8	111	176	14
8668390	13,9	112	176	14
8668400	14	112	176	14
8683410	14,1	113	185	16
8683420	14,2	114	185	16
8683430	14,3	115	185	16
8683440	14,4	116	185	16
8683450	14,5	116	185	16
8683460	14,6	117	185	16
8683470	14,7	118	185	16
8683480	14,8	119	185	16
8683490	14,9	120	185	16
8683500	15	120	185	16
8668510	15,1	121	193	16
8668520	15,2	122	193	16
8668525	15,25	122	193	16
8668530	15,3	123	193	16
8668540	15,4	124	193	16
8668550	15,5	124	193	16
8683555	15,55	125	193	16
8668560	15,6	125	193	16
8668570	15,7	126	193	16
8668580	15,8	127	193	16
8668590	15,9	128	193	16
8668600	16	128	193	16

ADO-SUS-5D NEW SIZES

Drilling | Solid carbide | 5xD





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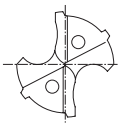
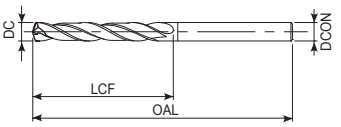
EDP	DC	LCF	OAL	DCON
8683650	16,5	113	184	18
8683670	16,7	117	184	18
8683700	17	114	184	18
8683730	17,3	122	191	18
8668750	17,5	123	191	18
8683755	17,55	123	191	18
8668800	18	126	191	18
8683850	18,5	130	198	20
8683870	18,7	131	198	20
8683900	19	133	198	20
8683930	19,3	136	205	20
8668950	19,5	137	205	20
8683955	19,55	137	205	20
8669000	20	140	205	20

EDP	DC	LCF	OAL	DCON

ADO-SUS-8D

Drilling | Solid carbide | 8xD





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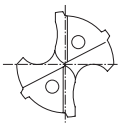
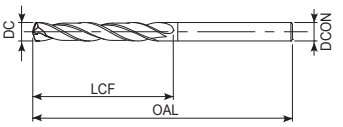
EDP	DC	LCF	OAL	DCON
8686200	2	22	75	3
8686210	2,1	24	75	3
8686220	2,2	25	75	3
8686230	2,3	26	75	3
8686240	2,4	27	75	3
8686250	2,5	28	75	3
8686260	2,6	29	80	3
8686270	2,7	30	80	3
8686280	2,8	31	80	3
8686290	2,9	32	80	3
8686300	3	33	80	3
8684310	3,1	34	95	4
8684320	3,2	35	95	4
8684330	3,3	36	95	4
8684340	3,4	37	95	4
8684350	3,5	39	95	4
8684360	3,6	40	95	4
8684370	3,7	41	95	4
8684380	3,8	42	95	4
8684390	3,9	43	95	4
8684400	4	44	95	4
8684410	4,1	45	105	6
8684420	4,2	46	105	6
8684430	4,3	47	105	6
8684440	4,4	48	105	6
8684450	4,5	50	105	6
8684460	4,6	51	105	6
8684470	4,7	52	105	6
8684480	4,8	53	105	6
8684490	4,9	54	105	6
8684500	5	55	105	6
8684510	5,1	56	115	6
8684520	5,2	57	115	6
8684530	5,3	58	115	6
8684540	5,4	59	115	6
8684550	5,5	61	115	6
8684560	5,6	62	115	6
8684570	5,7	63	115	6
8684580	5,8	64	115	6
8684590	5,9	65	115	6
8684600	6	66	115	6
8684610	6,1	67	125	8
8684620	6,2	68	125	8
8684630	6,3	69	125	8
8684640	6,4	70	125	8
8684650	6,5	72	125	8

EDP	DC	LCF	OAL	DCON
8684660	6,6	73	125	8
8684670	6,7	74	125	8
8684680	6,8	75	125	8
8684690	6,9	76	125	8
8684700	7	77	125	8
8684710	7,1	78	140	8
8684720	7,2	79	140	8
8684730	7,3	80	140	8
8684740	7,4	81	140	8
8684750	7,5	83	140	8
8684760	7,6	84	140	8
8684770	7,7	85	140	8
8684780	7,8	86	140	8
8684790	7,9	87	140	8
8684800	8	88	140	8
8684810	8,1	89	150	10
8684820	8,2	90	150	10
8684830	8,3	91	150	10
8684840	8,4	92	150	10
8684850	8,5	94	150	10
8684860	8,6	95	150	10
8684870	8,7	96	150	10
8684880	8,8	97	150	10
8684890	8,9	98	150	10
8684900	9	99	150	10
8684910	9,1	100	160	10
8684920	9,2	101	160	10
8684930	9,3	102	160	10
8684940	9,4	103	160	10
8684950	9,5	105	160	10
8684960	9,6	106	160	10
8684970	9,7	107	160	10
8684980	9,8	108	160	10
8684990	9,9	109	160	10
8685000	10	110	160	10
8685010	10,1	111	182	12
8685020	10,2	112	182	12
8685030	10,3	113	182	12
8685040	10,4	114	182	12
8685050	10,5	116	182	12
8685060	10,6	117	182	12
8685070	10,7	118	182	12
8685080	10,8	119	182	12
8685090	10,9	120	182	12
8685100	11	121	182	12
8685110	11,1	122	194	12

ADO-SUS-8D

Drilling | Solid carbide | 8xD





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page 7

EDP	DC	LCF	OAL	DCON
8685120	11,2	123	194	12
8685130	11,3	124	194	12
8685140	11,4	125	194	12
8685150	11,5	127	194	12
8685160	11,6	128	194	12
8685170	11,7	129	194	12
8685180	11,8	130	194	12
8685190	11,9	131	194	12
8685200	12	132	194	12

EDP	DC	LCF	OAL	DCON

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