











































































































































































































































































I S O - H

























z=2		z=3		z=4								z=multi
												
290-291	292-293	294-295	296-297	298-299	300-301	302-303	304-305	308-309	310-311	312-313	314-315	
$\lambda=30^\circ$	$\lambda=30^\circ$	$\lambda=37^\circ$ $\lambda=38^\circ$ $\lambda=39^\circ$	$\lambda=37^\circ$ $\lambda=38^\circ$ $\lambda=39^\circ$	$\lambda=44^\circ$ $\lambda=45^\circ$	$\lambda=44^\circ$ $\lambda=45^\circ$	$\lambda=55^\circ$	$\lambda=10^\circ$	$\lambda=10^\circ$	$\lambda=30^\circ$	$\lambda=30^\circ$	$\lambda=45^\circ$	
AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	AlCrN	TiSiN	TiSiN	TiSiN	TiSiN	AlCrN	
												
Dc 2-20	Dc 4-16	Dc 3-20	Dc 3-20	Dc 3-25	Dc 4-16	Dc 4-20	Dc 3-12	Dc 3-12	Dc 3-12	Dc 3-12	Dc 3-12	Dc 6-20
Lc 3-21	Lc 5-17	Lc 5-26	Lc 8-38	Lc 8-45	Lc 5-17	Lc 11-38	Lc 4-13	Lc 4-13	Lc 4-13	Lc 4-13	Lc 4-13	Lc 13-38
												
												
H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (2*) H2 (2*) H3 (3*)	H1 (2*) H2 (2*) H3 (3*)	H1 (2*) H2 (2*) H3 (3*)	H1 (2*) H2 (2*) H3 (3*)	H1 (3*) H2 (2*) H3 (-)	
												
												
												
												
												
												
												

HIGHLIGHT 1 | 2  306

HIGHLIGHT 2 | 2  307

z=multi						B				Mic. z=2	
											
316-317	318-319	320-321	322-323	324-325	326-327	328-329	330-331	332-333	334-335	336-337	338-341
											
AlCrN	AlCrN	AlCrN	TiSiN	TiSiN	TiSiN	AlCrN	AlCrN	TiSiN	TiSiN	TiSiN	TiSiN
											
Dc 6-25	Dc 6-25	Dc 6-20	Dc 3-20	Dc 6-20	Dc 6-20	Dc 2-20	Dc 2-20	Dc 3-12	Dc 3-12	Dc 0,2-2,0	Dc 0,2-2,0
Lc 13-45	Lc 18-85	Lc 13-38	Lc 8-38	Lc 18-60	Lc 7-21	Lc 3-21	Lc 3-21	Lc 4-13	Lc 4-13	Lc 0,2-2,0	Lc 0,2-2,0
											
H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (2*) H2 (2*) H3 (3*)	H1 (2*) H2 (2*) H3 (3*)	H1 (2*) H2 (2*) H3 (3*)	H1 (3*) H2 (2*) H3 (-)	H1 (3*) H2 (2*) H3 (-)	H1 (2*) H2 (2*) H3 (3*)	H1 (2*) H2 (2*) H3 (3*)	H1 (3*) H2 (3*) H3 (3*)	H1 (3*) H2 (3*) H3 (3*)
											
											
											
											
											
											
											

Mic. B

 ULC2Sxxx30B	 ULC2Xxxx30Nxxx8
342-343	344-345
	
TiSiN	TiSiN
	
Dc 0,2-2,0	Dc 0,2-2,0
Lc 0,2-2,0	Lc 0,2-2,0
	
	
H1 (3*) H2 (3*) H3 (3*)	H1 (3*) H2 (3*) H3 (3*)
	
	
	
	
	
	
	



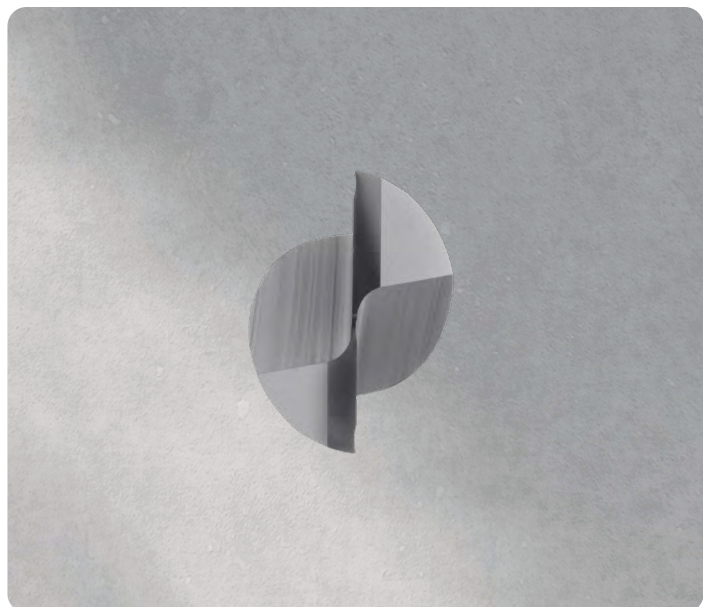
*‘Have you visited
our website yet?’*












DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
PLSC2X02030SN	PLSW2X02030SN	2,0	6	3	9	1,8	54	-	2
PLSC2X02530SN	PLSW2X02530SN	2,5	6	4	9	2,2	54	-	2
PLSC2X03030SN	PLSW2X03030SN	3,0	6	4	11	2,7	54	-	2
PLSC2X03530SN	PLSW2X03530SN	3,5	6	5	11	3,1	57	-	2
PLSC2X04030SN	PLSW2X04030SN	4,0	6	5	15	3,6	57	-	2
PLSC2X04530SN	PLSW2X04530SN	4,5	6	6	15	4,1	57	-	2
PLSC2X05030SN	PLSW2X05030SN	5,0	6	6	23	4,5	62	-	2
PLSC2X05530SN	PLSW2X05530SN	5,5	6	7	23	5,0	62	-	2
PLSC2X06030SN	PLSW2X06030SN	6,0	6	7	24	5,4	62	-	2
PLSC2X07030SN	PLSW2X07030SN	7,0	8	8	28	6,3	68	-	2
PLSC2X08030SN	PLSW2X08030SN	8,0	8	9	30	7,2	68	-	2
PLSC2X09030SN	PLSW2X09030SN	9,0	10	10	36	8,2	80	-	2
PLSC2X10030SN	PLSW2X10030SN	10,0	10	11	38	9,0	80	-	2
PLSC2X11030SN	PLSW2X11030SN	11,0	12	12	44	10,0	93	-	2
PLSC2X12030SN	PLSW2X12030SN	12,0	12	13	46	11,0	93	-	2
PLSC2X13030SN	PLSW2X13030SN	13,0	14	14	44	12,0	93	-	2
PLSC2X14030SN	PLSW2X14030SN	14,0	14	15	46	13,0	93	-	2
PLSC2X15030SN	PLSW2X15030SN	15,0	16	16	56	14,0	108	-	2
PLSC2X16030SN	PLSW2X16030SN	16,0	16	17	58	15,0	108	-	2
PLSC2X18030SN	PLSW2X18030SN	18,0	18	19	58	17,0	108	-	2
PLSC2X20030SN	PLSW2X20030SN	20,0	20	21	74	19,0	126	-	2

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

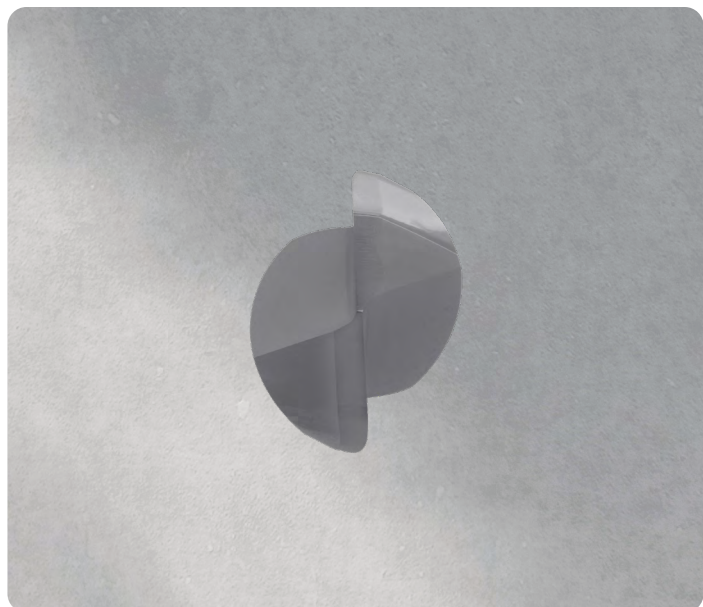


	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0070*Dc
	0,3*Dc	Lc	1*Dc	0,0050*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
PLSC2X04030SNT03	PLSW2X04030SNT03	4,0	6	5	16	3,6	57	0,3	2
PLSC2X04030SNT05	PLSW2X04030SNT05	4,0	6	5	16	3,6	57	0,5	2
PLSC2X06030SNT03	PLSW2X06030SNT03	6,0	6	7	24	5,4	62	0,3	2
PLSC2X06030SNT05	PLSW2X06030SNT05	6,0	6	7	24	5,4	62	0,5	2
PLSC2X06030SNT10	PLSW2X06030SNT10	6,0	6	7	24	5,4	62	1,0	2
PLSC2X06030SNT15	PLSW2X06030SNT15	6,0	6	7	24	5,4	62	1,5	2
PLSC2X08030SNT03	PLSW2X08030SNT03	8,0	8	9	30	7,2	68	0,3	2
PLSC2X08030SNT05	PLSW2X08030SNT05	8,0	8	9	30	7,2	68	0,5	2
PLSC2X08030SNT10	PLSW2X08030SNT10	8,0	8	9	30	7,2	68	1,0	2
PLSC2X08030SNT15	PLSW2X08030SNT15	8,0	8	9	30	7,2	68	1,5	2
PLSC2X10030SNT05	PLSW2X10030SNT05	10,0	10	11	38	9,0	80	0,5	2
PLSC2X10030SNT10	PLSW2X10030SNT10	10,0	10	11	38	9,0	80	1,0	2
PLSC2X10030SNT15	PLSW2X10030SNT15	10,0	10	11	38	9,0	80	1,5	2
PLSC2X10030SNT20	PLSW2X10030SNT20	10,0	10	11	38	9,0	80	2,0	2
PLSC2X12030SNT05	PLSW2X12030SNT05	12,0	12	13	46	11,0	93	0,5	2
PLSC2X12030SNT10	PLSW2X12030SNT10	12,0	12	13	46	11,0	93	1,0	2
PLSC2X12030SNT15	PLSW2X12030SNT15	12,0	12	13	46	11,0	93	1,5	2
PLSC2X12030SNT20	PLSW2X12030SNT20	12,0	12	13	46	11,0	93	2,0	2
PLSC2X16030SNT10	PLSW2X16030SNT10	16,0	16	17	58	15,0	108	1,0	2
PLSC2X16030SNT20	PLSW2X16030SNT20	16,0	16	17	58	15,0	108	2,0	2
PLSC2X16030SNT30	PLSW2X16030SNT30	16,0	16	17	58	15,0	108	3,0	2
PLSC2X16030SNT40	PLSW2X16030SNT40	16,0	16	17	58	15,0	108	4,0	2

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

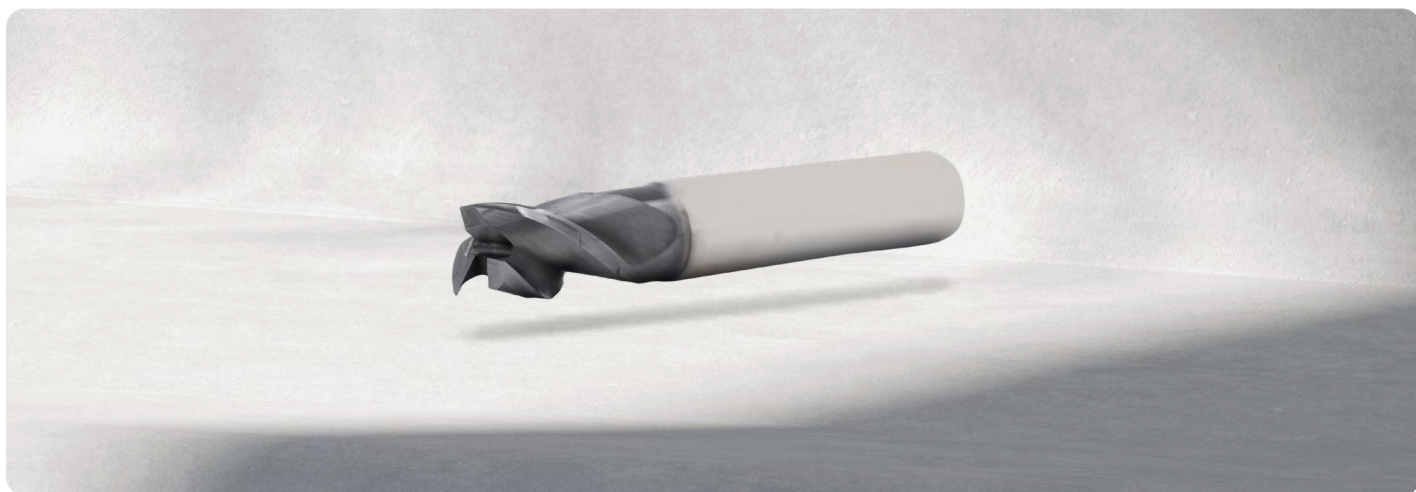
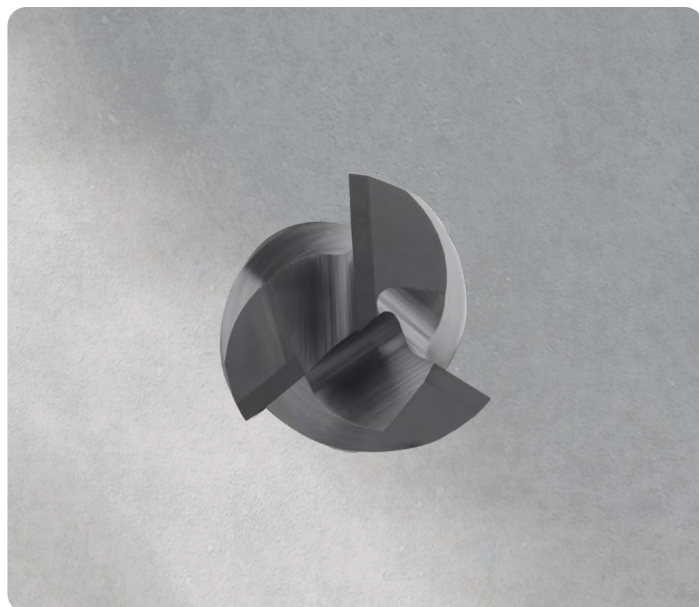


	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0070*Dc
	0,3*Dc	Lc	1*Dc	0,0050*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
PLSC3S03038VN	PLSW3S03038VN	3,0	6	5	9	2,8	50	-	3
PLSC3S03538VN	PLSW3S03538VN	3,5	6	6	10	3,3	50	-	3
PLSC3S04038VN	PLSW3S04038VN	4,0	6	8	13	3,8	54	-	3
PLSC3S04538VN	PLSW3S04538VN	4,5	6	8	13	4,3	54	-	3
PLSC3S05038VN	PLSW3S05038VN	5,0	6	9	15	4,8	54	-	3
PLSC3S05538VN	PLSW3S05538VN	5,5	6	9	15	5,3	54	-	3
PLSC3S06038VN	PLSW3S06038VN	6,0	6	10	16	5,7	54	-	3
PLSC3S08038VN	PLSW3S08038VN	8,0	8	12	20	7,6	58	-	3
PLSC3S10038VN	PLSW3S10038VN	10,0	10	14	24	9,5	66	-	3
PLSC3S12038VN	PLSW3S12038VN	12,0	12	16	26	11,5	73	-	3
PLSC3S14038VN	PLSW3S14038VN	14,0	14	16	26	13,5	73	-	3
PLSC3S16038VN	PLSW3S16038VN	16,0	16	22	32	15,5	82	-	3
PLSC3S18038VN	PLSW3S18038VN	18,0	18	22	32	17,5	82	-	3
PLSC3S20038VN	PLSW3S20038VN	20,0	20	26	40	19,5	92	-	3

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

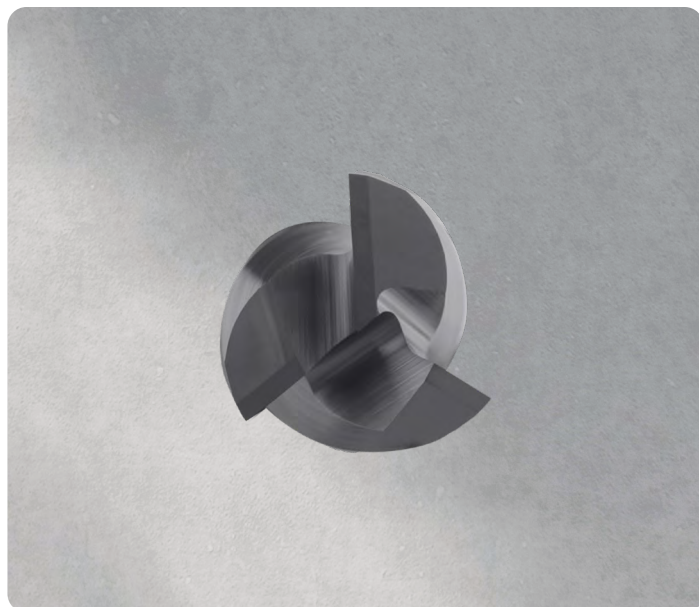









A_p [min]	A_p [max]	A_e [max]	f_z
$0,3 * D_c$	L_c	$0,5 * D_c$	$0,0070 * D_c$
$0,3 * D_c$	L_c	$1 * D_c$	$0,0050 * D_c$
-	-	-	-
-	-	-	-
-	$1 * L_c$	$1 * D_c$	$0,0025 * D_c$
-	-	-	-
-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
PLSC3L03038VN	PLSW3L03038VN	3,0	6	8	14	2,8	57	-	3
PLSC3L03538VN	PLSW3L03538VN	3,5	6	8	14	3,3	57	-	3
PLSC3L04038VN	PLSW3L04038VN	4,0	6	11	16	3,8	57	-	3
PLSC3L04538VN	PLSW3L04538VN	4,5	6	11	16	4,3	57	-	3
PLSC3L05038VN	PLSW3L05038VN	5,0	6	13	18	4,8	57	-	3
PLSC3L05538VN	PLSW3L05538VN	5,5	6	13	18	5,3	57	-	3
PLSC3L06038VN	PLSW3L06038VN	6,0	6	13	19	5,7	57	-	3
PLSC3L08038VN	PLSW3L08038VN	8,0	8	19	25	7,6	63	-	3
PLSC3L10038VN	PLSW3L10038VN	10,0	10	22	30	9,5	72	-	3
PLSC3L12038VN	PLSW3L12038VN	12,0	12	26	36	11,5	83	-	3
PLSC3L14038VN	PLSW3L14038VN	14,0	14	26	36	13,5	83	-	3
PLSC3L16038VN	PLSW3L16038VN	16,0	16	32	42	15,5	92	-	3
PLSC3L18038VN	PLSW3L18038VN	18,0	18	32	42	17,5	92	-	3
PLSC3L20038VN	PLSW3L20038VN	20,0	20	38	52	19,5	104	-	3

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

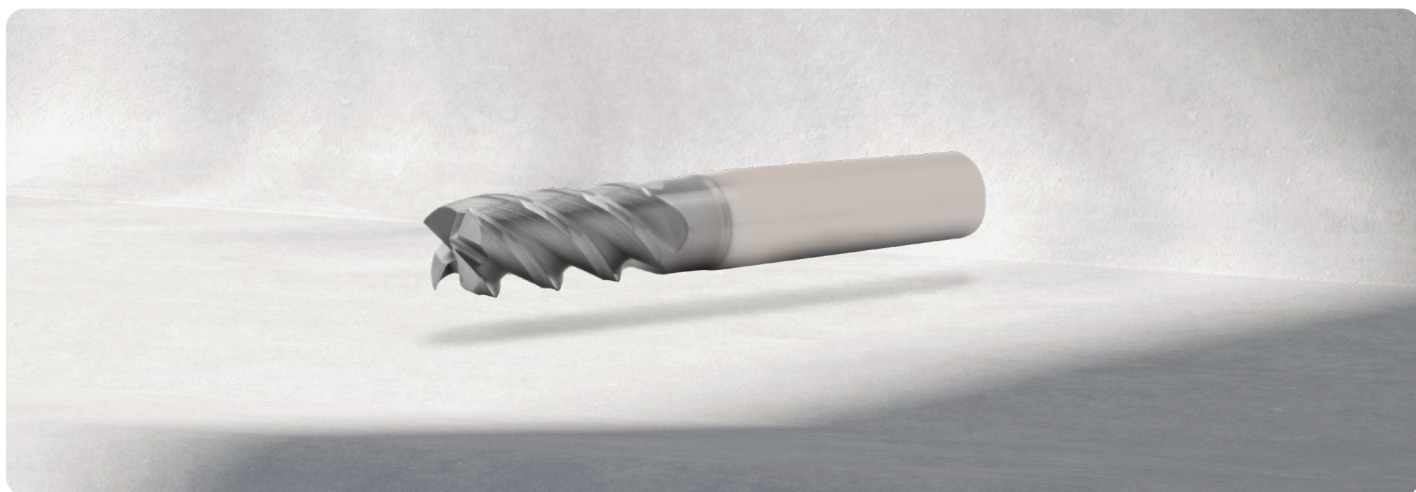
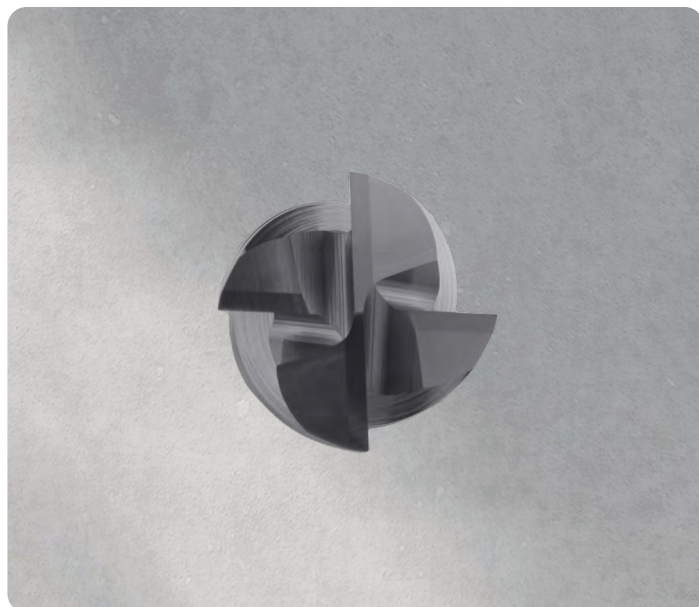









	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0070*Dc
	0,3*Dc	Lc	1*Dc	0,0050*Dc
	-	-	-	-
	-	-	-	-
	-	1*Lc	1*Dc	0,0025*Dc
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
PLSC4L03045VN	PLSW4L03045VN	3,0	6	8	14	2,8	57	-	4
PLSC4L03545VN	PLSW4L03545VN	3,5	6	11	16	3,3	57	-	4
PLSC4L04045VN	PLSW4L04045VN	4,0	6	11	16	3,8	57	-	4
PLSC4L04545VN	PLSW4L04545VN	4,5	6	13	18	4,3	57	-	4
PLSC4L05045VN	PLSW4L05045VN	5,0	6	13	18	4,8	57	-	4
PLSC4L05545VN	PLSW4L05545VN	5,5	6	13	18	5,3	57	-	4
PLSC4L06045VN	PLSW4L06045VN	6,0	6	13	19	5,7	57	-	4
PLSC4L08045VN	PLSW4L08045VN	8,0	8	19	25	7,6	63	-	4
PLSC4L10045VN	PLSW4L10045VN	10,0	10	22	30	9,5	72	-	4
PLSC4L12045VN	PLSW4L12045VN	12,0	12	26	36	11,5	83	-	4
PLSC4L14045VN	PLSW4L14045VN	14,0	14	26	36	13,5	83	-	4
PLSC4L16045VN	PLSW4L16045VN	16,0	16	32	42	15,5	92	-	4
PLSC4L18045VN	PLSW4L18045VN	18,0	18	32	42	17,5	92	-	4
PLSC4L20045VN	PLSW4L20045VN	20,0	20	38	52	19,5	104	-	4
PLSC4L25045VN	PLSW4L25045VN	25,0	25	45	62	24,0	120	-	4

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

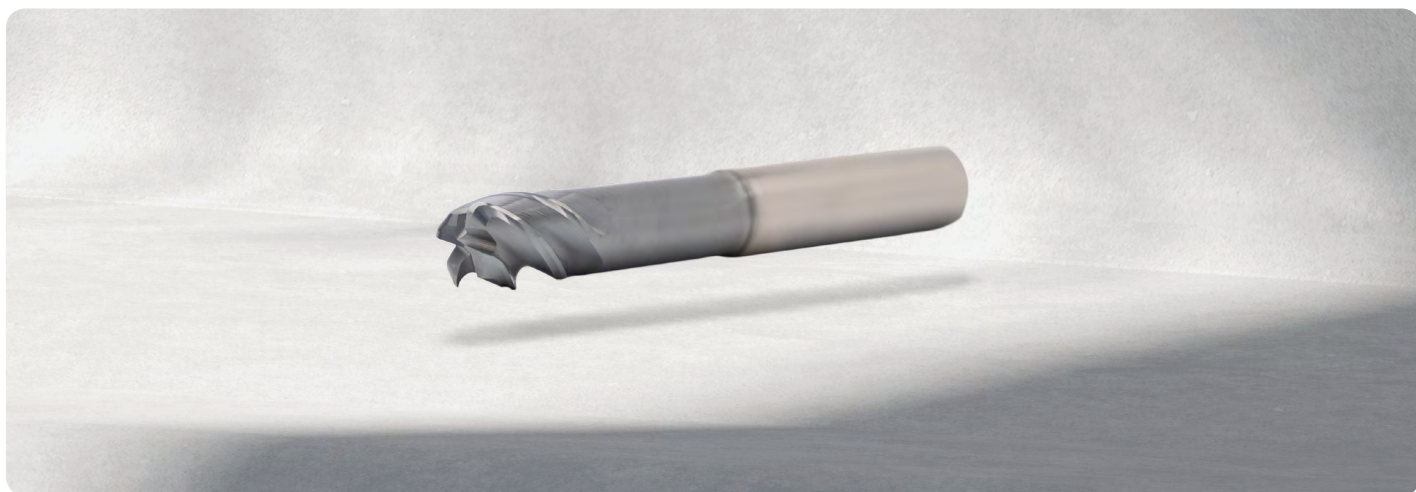
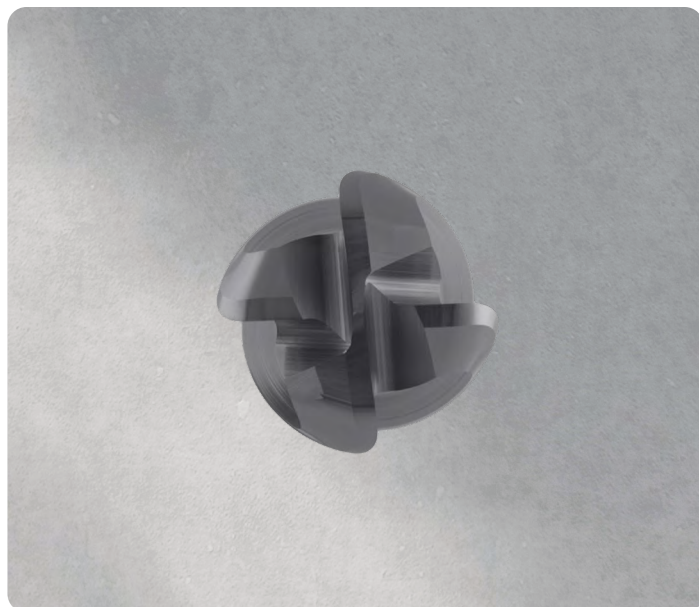









	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0070*Dc
	0,3*Dc	Lc	1*Dc	0,0050*Dc
	1°	5°	0,5*Dc	0,0040*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
PLSC4X04045VNT03	PLSW4X04045VNT03	4,0	6	5	16	3,6	57	0,3	4
PLSC4X04045VNT05	PLSW4X04045VNT05	4,0	6	5	16	3,6	57	0,5	4
PLSC4X06045VNT03	PLSW4X06045VNT03	6,0	6	7	24	5,4	62	0,3	4
PLSC4X06045VNT05	PLSW4X06045VNT05	6,0	6	7	24	5,4	62	0,5	4
PLSC4X06045VNT10	PLSW4X06045VNT10	6,0	6	7	24	5,4	62	1,0	4
PLSC4X06045VNT15	PLSW4X06045VNT15	6,0	6	7	24	5,4	62	1,5	4
PLSC4X08045VNT03	PLSW4X08045VNT03	8,0	8	9	30	7,2	68	0,3	4
PLSC4X08045VNT05	PLSW4X08045VNT05	8,0	8	9	30	7,2	68	0,5	4
PLSC4X08045VNT10	PLSW4X08045VNT10	8,0	8	9	30	7,2	68	1,0	4
PLSC4X08045VNT15	PLSW4X08045VNT15	8,0	8	9	30	7,2	68	1,5	4
PLSC4X10045VNT05	PLSW4X10045VNT05	10,0	10	11	38	9,0	80	0,5	4
PLSC4X10045VNT10	PLSW4X10045VNT10	10,0	10	11	38	9,0	80	1,0	4
PLSC4X10045VNT15	PLSW4X10045VNT15	10,0	10	11	38	9,0	80	1,5	4
PLSC4X10045VNT20	PLSW4X10045VNT20	10,0	10	11	38	9,0	80	2,0	4
PLSC4X12045VNT05	PLSW4X12045VNT05	12,0	12	13	46	11,0	93	0,5	4
PLSC4X12045VNT10	PLSW4X12045VNT10	12,0	12	13	46	11,0	93	1,0	4
PLSC4X12045VNT15	PLSW4X12045VNT15	12,0	12	13	46	11,0	93	1,5	4
PLSC4X12045VNT20	PLSW4X12045VNT20	12,0	12	13	46	11,0	93	2,0	4
PLSC4X16045VNT10	PLSW4X16045VNT10	16,0	16	17	58	15,0	108	1,0	4
PLSC4X16045VNT20	PLSW4X16045VNT20	16,0	16	17	58	15,0	108	2,0	4
PLSC4X16045VNT30	PLSW4X16045VNT30	16,0	16	17	58	15,0	108	3,0	4
PLSC4X16045VNT40	PLSW4X16045VNT40	16,0	16	17	58	15,0	108	4,0	4

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

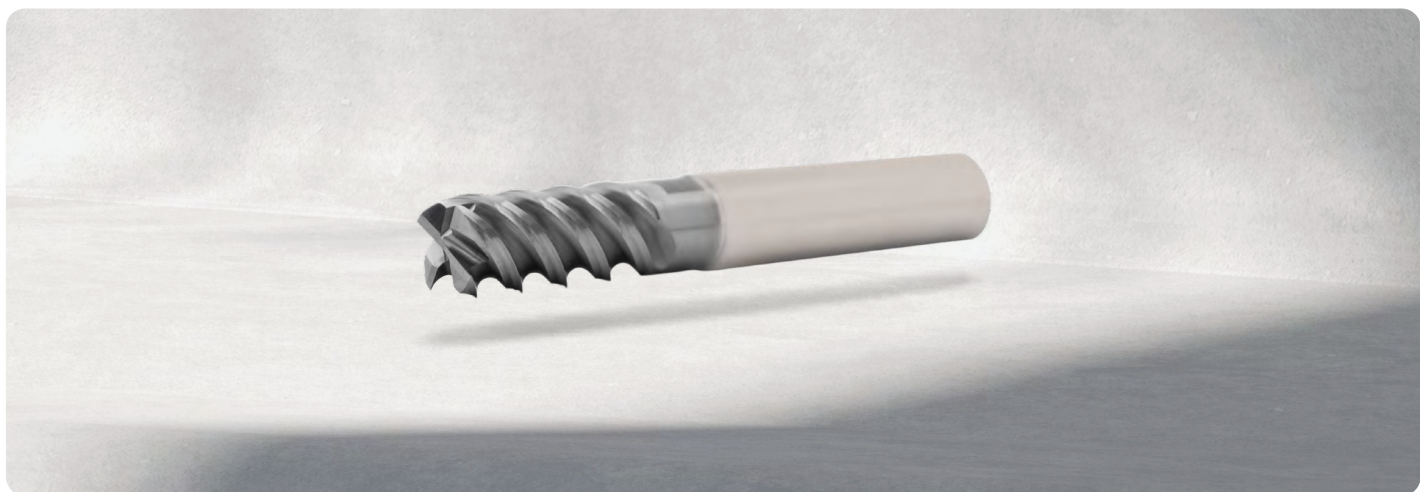
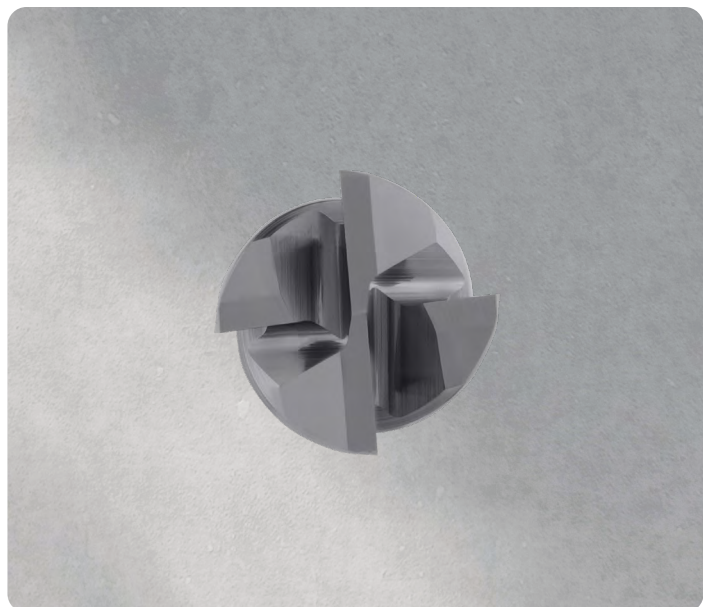









	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0070*Dc
	0,3*Dc	Lc	1*Dc	0,0050*Dc
	1°	5°	0,5*Dc	0,0040*Dc
	-	-	-	-
	-	-	-	-
	0,01*Dc	0,06*Dc	Dc - (2*r)	0,0300*Dc
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	c	z
PLSC4L04055SN	PLSW4L04055SN	4,0	6	11	16	3,7	57	0,06	4
PLSC4L05055SN	PLSW4L05055SN	5,0	6	13	18	4,7	57	0,08	4
PLSC4L06055SN	PLSW4L06055SN	6,0	6	13	19	5,7	57	0,10	4
PLSC4L08055SN	PLSW4L08055SN	8,0	8	19	25	7,6	63	0,13	4
PLSC4L10055SN	PLSW4L10055SN	10,0	10	22	30	9,5	72	0,16	4
PLSC4L12055SN	PLSW4L12055SN	12,0	12	26	36	11,5	83	0,20	4
PLSC4L14055SN	PLSW4L14055SN	14,0	14	26	36	13,5	83	0,25	4
PLSC4L16055SN	PLSW4L16055SN	16,0	16	32	42	15,5	92	0,30	4
PLSC4L18055SN	PLSW4L18055SN	18,0	18	32	42	17,5	92	0,35	4
PLSC4L20055SN	PLSW4L20055SN	20,0	20	38	52	19,5	104	0,40	4

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

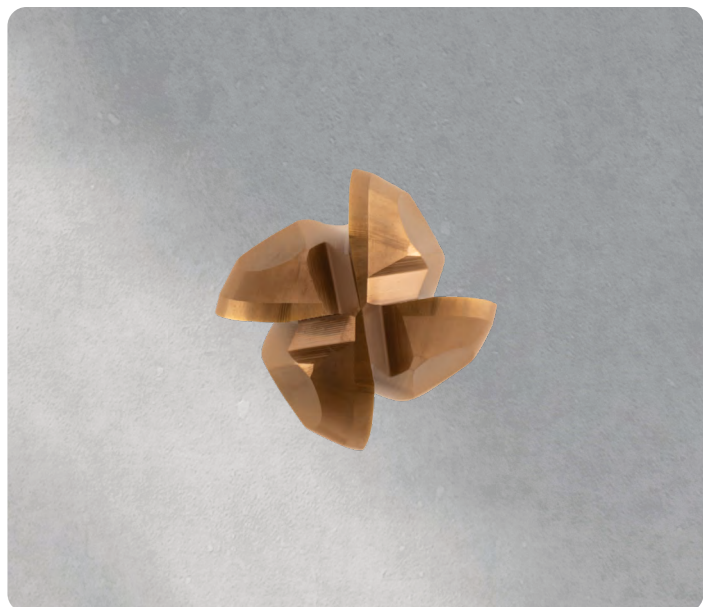









	Ap [min]	Ap [max]	Ae [max]	fz
	$0,3 * D_c$	Lc	$0,5 * D_c$	$0,0070 * D_c$
	$0,3 * D_c$	Lc	$1 * D_c$	$0,0050 * D_c$
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC4S03010SNT075	-	3,0	6	4	9	2,7	50	0,75	4
ULC4S04010SNT100	-	4,0	6	5	13	3,6	54	1,00	4
ULC4S06010SNT150	-	6,0	6	7	17	5,4	54	1,50	4
ULC4S08010SNT200	-	8,0	8	9	22	7,2	58	2,00	4
ULC4S10010SNT200	-	10,0	10	11	26	9,0	66	2,00	4
ULC4S12010SNT300	-	12,0	12	13	28	11,0	73	3,00	4

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	170	150	100	-	-	-	-	-	-	-	-	-



	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,01*Dc	0,06*Dc	Dc - (2*r)	0,0300*Dc
	-	-	-	-

HARD MACHINING 1-2

^{NL} Hardbepwing 1-2 | ^{DE} Hartbearbeitung 1-2 | ^{FR} Usinage dur 1-2



Click/Scan
& watch

1	ULC4X12030SNT10	316-317	
2	ULC6X12050S	328-329	
3	ULC2X12015BN	334-335	
4	ULC4X12010SNT300	312-313	

HARD MACHINING 2|2

^{NL} Hardberkerking 2-2 | ^{DE} Hartbearbeitung 2-2 | ^{FR} Usinage dur 2-2



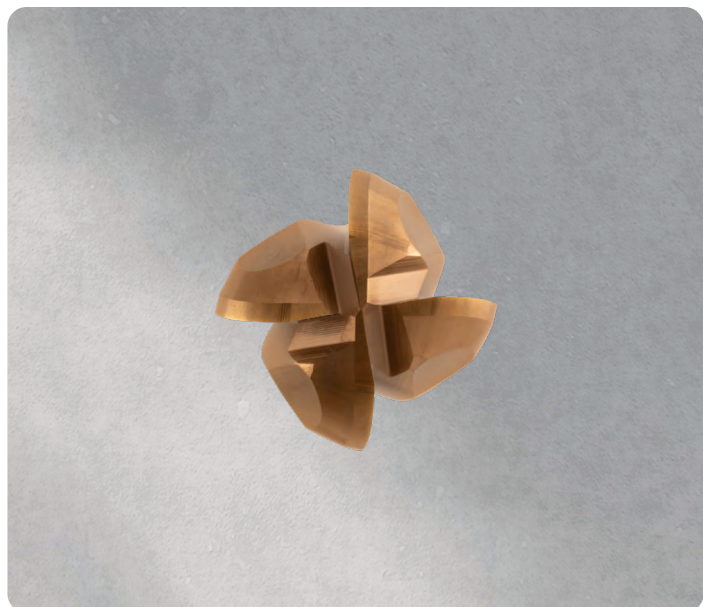
- | | | |
|---|------------------|---------|
| 1 | ULC4X12030SNT10 | 316-317 |
| 2 | ULC6X12050S | 328-329 |
| 3 | ULC2X12015BN | 334-335 |
| 4 | ULC4X12010SNT300 | 312-313 |





DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC4X03010SNT075	-	3,0	6	4	11	2,7	57	0,75	4
ULC4X04010SNT100	-	4,0	6	5	16	3,6	57	1,00	4
ULC4X06010SNT150	-	6,0	6	7	24	5,4	62	1,50	4
ULC4X08010SNT200	-	8,0	8	9	30	7,2	68	2,00	4
ULC4X10010SNT200	-	10,0	10	11	38	9,0	80	2,00	4
ULC4X12010SNT300	-	12,0	12	13	46	11,0	93	3,00	4

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	170	150	100	-	-	-	-	-	-	-	-	-

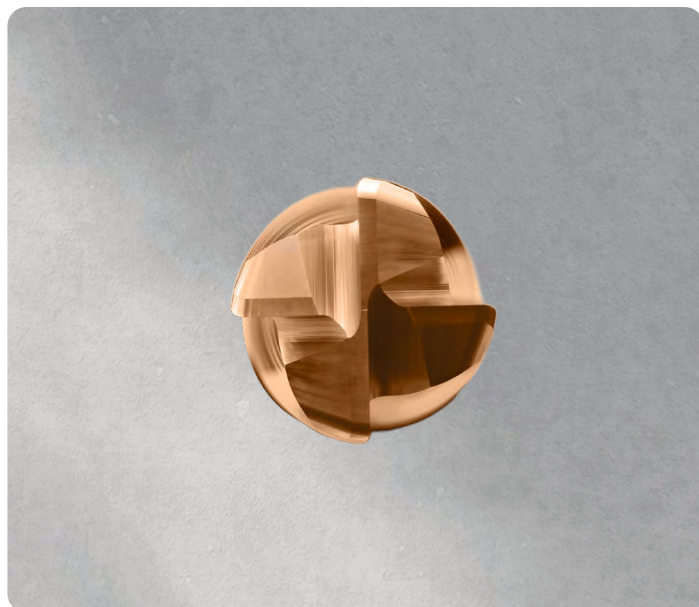


	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,01*Dc	0,06*Dc	Dc - (2*r)	0,0300*Dc
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC4S03030SNT03	-	3,0	6	4	9	2,8	50	0,3	4
ULC4S04030SNT05	-	4,0	6	5	13	3,8	54	0,5	4
ULC4S05030SNT05	-	5,0	6	6	16	4,8	54	0,5	4
ULC4S06030SNT05	-	6,0	6	7	17	5,7	54	0,5	4
ULC4S06030SNT10	-	6,0	6	7	17	5,7	54	1,0	4
ULC4S08030SNT05	-	8,0	8	9	21	7,6	58	0,5	4
ULC4S08030SNT10	-	8,0	8	9	21	7,6	58	1,0	4
ULC4S10030SNT05	-	10,0	10	11	25	9,5	66	0,5	4
ULC4S10030SNT10	-	10,0	10	11	25	9,5	66	1,0	4
ULC4S12030SNT05	-	12,0	12	13	27	11,5	73	0,5	4
ULC4S12030SNT10	-	12,0	12	13	27	11,5	73	1,0	4

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	170	150	100	-	-	-	-	-	-	-	-	-










	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0140*Dc
	0,3*Dc	Lc	1*Dc	0,0120*Dc
	1°	5°	0,5*Dc	0,0100*Dc
	-	-	-	-
	-	-	-	-
	0,01*Dc	0,06*Dc	Dc - (2*r)	0,0300*Dc
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC4X03030SNT03	-	3,0	6	4	15	2,8	57	0,3	4
ULC4X04030SNT05	-	4,0	6	5	16	3,8	57	0,5	4
ULC4X05030SNT05	-	5,0	6	6	20	4,8	57	0,5	4
ULC4X06030SNT05	-	6,0	6	7	24	5,7	62	0,5	4
ULC4X06030SNT10	-	6,0	6	7	24	5,7	62	1,0	4
ULC4X08030SNT05	-	8,0	8	9	30	7,6	68	0,5	4
ULC4X08030SNT10	-	8,0	8	9	30	7,6	68	1,0	4
ULC4X10030SNT05	-	10,0	10	11	38	9,5	80	0,5	4
ULC4X10030SNT10	-	10,0	10	11	38	9,5	80	1,0	4
ULC4X12030SNT05	-	12,0	12	13	46	11,5	93	0,5	4
ULC4X12030SNT10	-	12,0	12	13	46	11,5	93	1,0	4

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	170	150	100	-	-	-	-	-	-	-	-	-

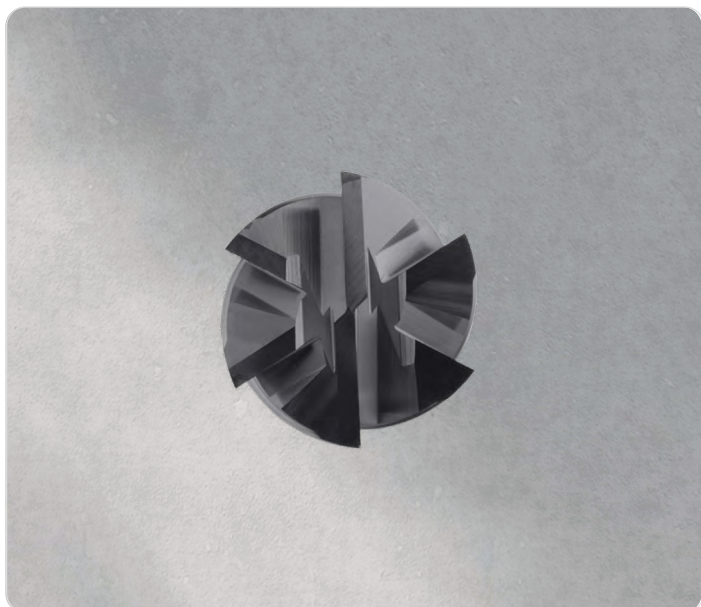


	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,5*Dc	0,0140*Dc
	0,3*Dc	Lc	1*Dc	0,0120*Dc
	1°	5°	0,5*Dc	0,0100*Dc
	-	-	-	-
	-	-	-	-
	0,01*Dc	0,06*Dc	Dc - (2*r)	0,0300*Dc
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
BLC6L06045SN	BLW6L06045SN	6,0	6	13	19	5,7	57	-	6
BLC6L08045SN	BLW6L08045SN	8,0	8	19	25	7,6	63	-	6
BLC6L10045SN	BLW6L10045SN	10,0	10	22	30	9,5	72	-	6
BLC6L12045SN	BLW6L12045SN	12,0	12	26	36	11,5	83	-	6
BLC6L16045SN	BLW6L16045SN	16,0	16	32	42	15,5	92	-	6
BLC8L20045SN	BLW8L20045SN	20,0	20	38	52	19,5	104	-	8

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	-	175	120	180	150	-	150	110	-	-	-	-	-	-	-

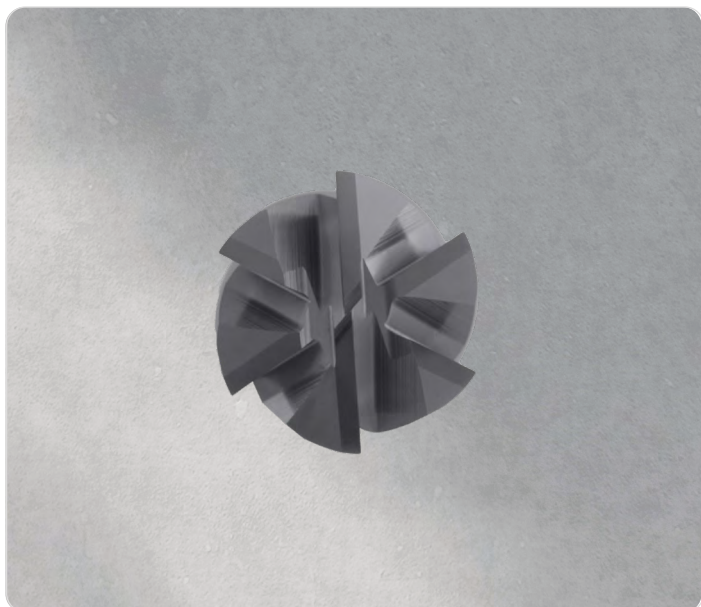


	Ap [min]	Ap [max]	Ae [max]	fz
	$0,3 * D_c$	Lc	$0,2 * D_c$	$0,0060 * D_c$
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
PLSC6L06050S	PLSW6L06050S	6,0	6	13	-	-	57	-	6
PLSC6L08050S	PLSW6L08050S	8,0	8	19	-	-	63	-	6
PLSC6L10050S	PLSW6L10050S	10,0	10	22	-	-	72	-	6
PLSC6L12050S	PLSW6L12050S	12,0	12	26	-	-	83	-	6
PLSC6L14050S	PLSW6L14050S	14,0	14	26	-	-	83	-	6
PLSC6L16050S	PLSW6L16050S	16,0	16	32	-	-	92	-	6
PLSC8L18050S	PLSW8L18050S	18,0	18	32	-	-	92	-	8
PLSC8L20050S	PLSW8L20050S	20,0	20	38	-	-	104	-	8
PLSC8L25050S	PLSW8L25050S	25,0	25	45	-	-	120	-	8

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

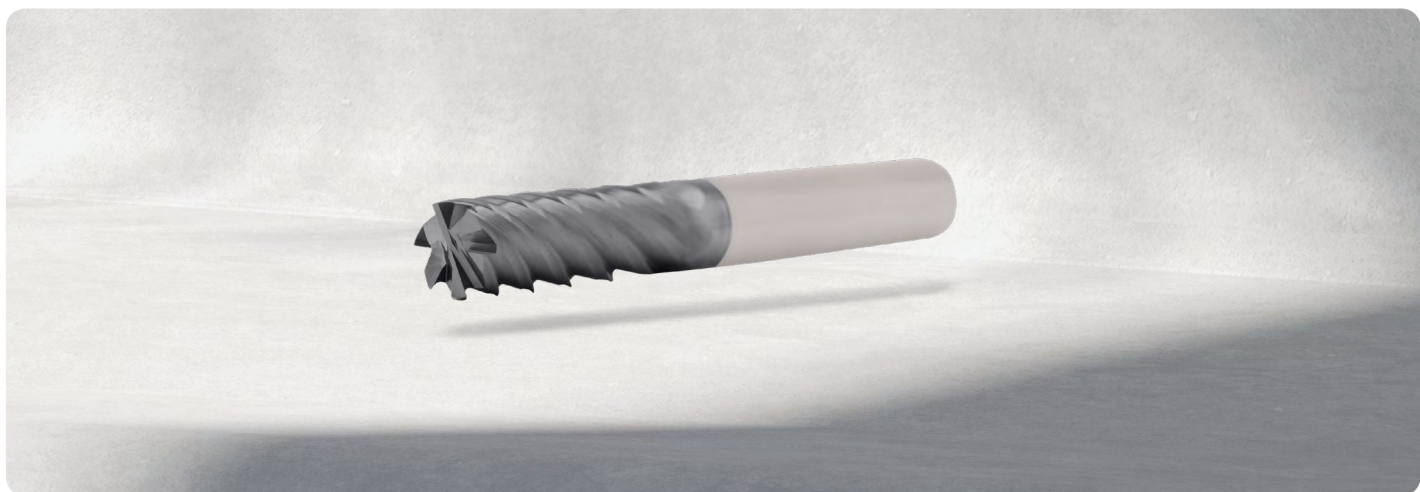
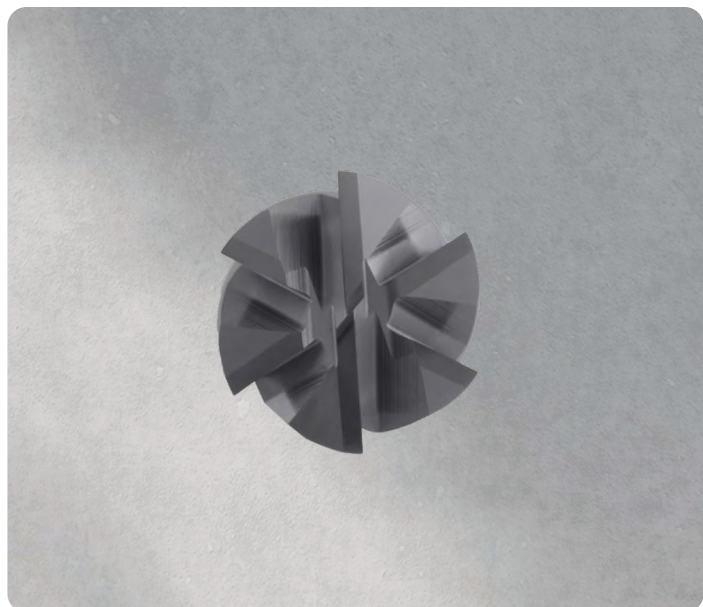


	Ap [min]	Ap [max]	Ae [max]	fz
	$0,3 * D_c$	Lc	$0,2 * D_c$	$0,0070 * D_c$
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r/c	z
PLSC6X06050S	PLSW6X06050S	6,0	6	18	-	-	62	-	6
PLSC6X08050S	PLSW6X08050S	8,0	8	24	-	-	68	-	6
PLSC6X10050S	PLSW6X10050S	10,0	10	30	-	-	80	-	6
PLSC6X12050S	PLSW6X12050S	12,0	12	36	-	-	93	-	6
PLSC6X16050S	PLSW6X16050S	16,0	16	48	-	-	108	-	6
PLSC8X20050S	PLSW8X20050S	20,0	20	60	-	-	126	-	8
PLSC8X25050S	PLSW8X25050S	25,0	25	85	-	-	150	-	8

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

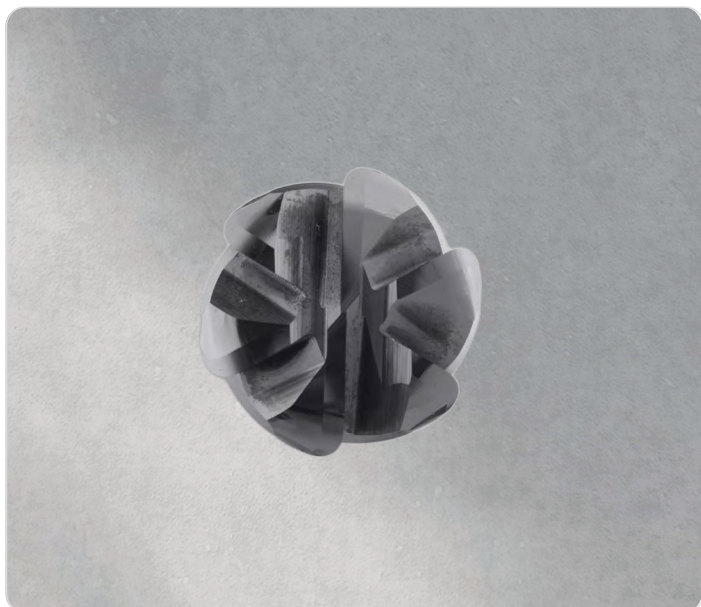


	Ap [min]	Ap [max]	Ae [max]	fz
	$0,3 * D_c$	Lc	$0,2 * D_c$	$0,0070 * D_c$
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
PLSC6X06050ST05	PLSW6X06050ST05	6,0	6	13	-	-	62	0,5	6
PLSC6X06050ST10	PLSW6X06050ST10	6,0	6	13	-	-	62	1,0	6
PLSC6X08050ST05	PLSW6X08050ST05	8,0	8	19	-	-	68	0,5	6
PLSC6X08050ST10	PLSW6X08050ST10	8,0	8	19	-	-	68	1,0	6
PLSC6X10050ST05	PLSW6X10050ST05	10,0	10	22	-	-	80	0,5	6
PLSC6X10050ST10	PLSW6X10050ST10	10,0	10	22	-	-	80	1,0	6
PLSC6X10050ST15	PLSW6X10050ST15	10,0	10	22	-	-	80	1,5	6
PLSC6X10050ST20	PLSW6X10050ST20	10,0	10	22	-	-	80	2,0	6
PLSC6X12050ST05	PLSW6X12050ST05	12,0	12	26	-	-	93	0,5	6
PLSC6X12050ST10	PLSW6X12050ST10	12,0	12	26	-	-	93	1,0	6
PLSC6X12050ST15	PLSW6X12050ST15	12,0	12	26	-	-	93	1,5	6
PLSC6X12050ST20	PLSW6X12050ST20	12,0	12	26	-	-	93	2,0	6
PLSC6X16050ST05	PLSW6X16050ST05	16,0	16	32	-	-	108	0,5	6
PLSC6X16050ST10	PLSW6X16050ST10	16,0	16	32	-	-	108	1,0	6
PLSC6X16050ST15	PLSW6X16050ST15	16,0	16	32	-	-	108	1,5	6
PLSC6X16050ST20	PLSW6X16050ST20	16,0	16	32	-	-	108	2,0	6
PLSC8X20050ST05	PLSW8X20050ST05	20,0	20	38	-	-	126	0,5	8
PLSC8X20050ST10	PLSW8X20050ST10	20,0	20	38	-	-	126	1,0	8
PLSC8X20050ST15	PLSW8X20050ST15	20,0	20	38	-	-	126	1,5	8
PLSC8X20050ST20	PLSW8X20050ST20	20,0	20	38	-	-	126	2,0	8

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

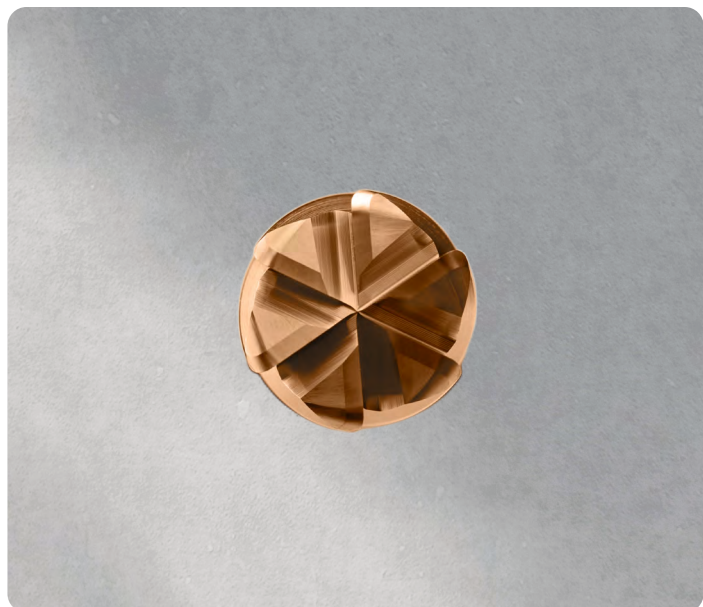


	Ap [min]	Ap [max]	Ae [max]	fz
	$0,3 * D_c$	Lc	$0,2 * D_c$	$0,0070 * D_c$
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC6L03050SNT03	-	3,0	6	8	14	2,8	57	0,3	6
ULC6L04050SNT03	-	4,0	6	11	16	3,8	57	0,3	6
ULC6L05050SNT03	-	5,0	6	13	18	4,8	57	0,3	6
ULC6L06050SNT05	-	6,0	6	13	19	5,7	57	0,5	6
ULC6L08050SNT05	-	8,0	8	19	25	7,6	63	0,5	6
ULC6L10050SNT10	-	10,0	10	22	30	9,5	72	1,0	6
ULC6L12050SNT10	-	12,0	12	26	36	11,5	83	1,0	6
ULC8L16050SNT10	-	16,0	16	32	42	15,5	92	1,0	8
ULC10L20050SNT20	-	20,0	20	38	52	19,5	104	2,0	10

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	220	190	160	-	-	-	-	-	-	-	-	-

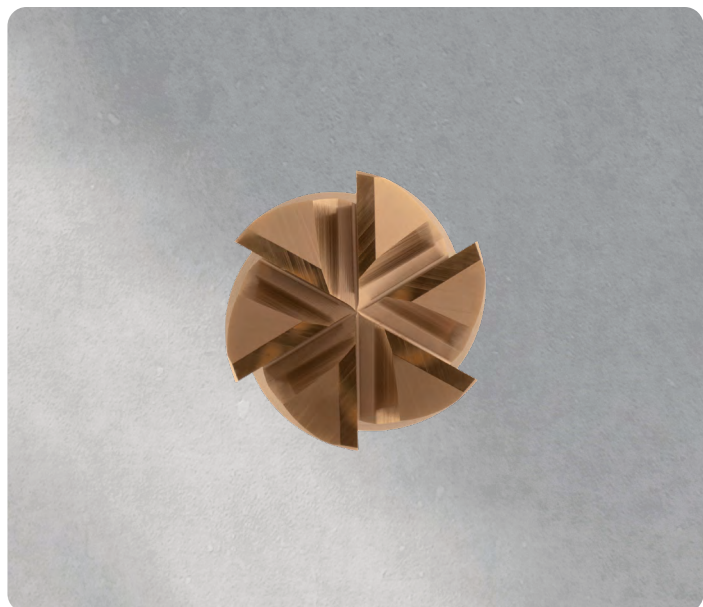


	Ap [min]	Ap [max]	Ae [max]	fz
	0,3*Dc	Lc	0,2*Dc	0,0100*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	c	z
ULC6X06050S	-	6,0	6	18	-	-	62	0,10	6
ULC6X08050S	-	8,0	8	24	-	-	68	0,10	6
ULC6X10050S	-	10,0	10	30	-	-	80	0,10	6
ULC6X12050S	-	12,0	12	36	-	-	93	0,15	6
ULC8X16050S	-	16,0	16	48	-	-	108	0,15	8
ULC10X20050S	-	20,0	20	60	-	-	126	0,15	10

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	-	-	-	220	190	160	-	-	-	-	-	-	-	-	-

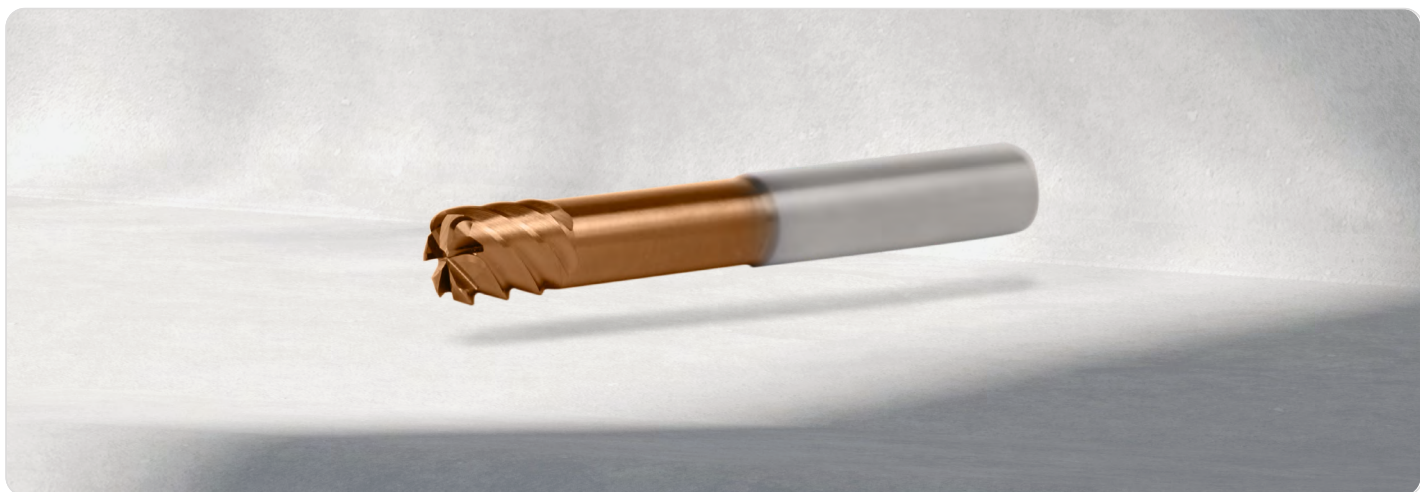


	Ap [min]	Ap [max]	Ae [max]	fz
	$0,3 * D_c$	Lc	$0,2 * D_c$	$0,0100 * D_c$
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC6X06050SNT03	-	6,0	6	7	24	5,4	62	0,3	6
ULC6X06050SNT05	-	6,0	6	7	24	5,4	62	0,5	6
ULC6X06050SNT10	-	6,0	6	7	24	5,4	62	1,0	6
ULC6X08050SNT03	-	8,0	8	9	30	7,2	68	0,3	6
ULC6X08050SNT05	-	8,0	8	9	30	7,2	68	0,5	6
ULC6X08050SNT10	-	8,0	8	9	30	7,2	68	1,0	6
ULC6X10050SNT03	-	10,0	10	11	38	9,0	80	0,3	6
ULC6X10050SNT05	-	10,0	10	11	38	9,0	80	0,5	6
ULC6X10050SNT10	-	10,0	10	11	38	9,0	80	1,0	6
ULC6X10050SNT20	-	10,0	10	11	38	9,0	80	2,0	6
ULC6X12050SNT03	-	12,0	12	13	46	11,0	93	0,3	6
ULC6X12050SNT05	-	12,0	12	13	46	11,0	93	0,5	6
ULC6X12050SNT10	-	12,0	12	13	46	11,0	93	1,0	6
ULC6X12050SNT20	-	12,0	12	13	46	11,0	93	2,0	6
ULC8X16050SNT10	-	16,0	16	17	58	15,0	108	1,0	8
ULC8X16050SNT20	-	16,0	16	17	58	15,0	108	2,0	8
ULC10X20050SNT10	-	20,0	20	21	70	19,0	126	1,0	10
ULC10X20050SNT20	-	20,0	20	21	70	19,0	126	2,0	10

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	220	190	160	-	-	-	-	-	-	-	-	-

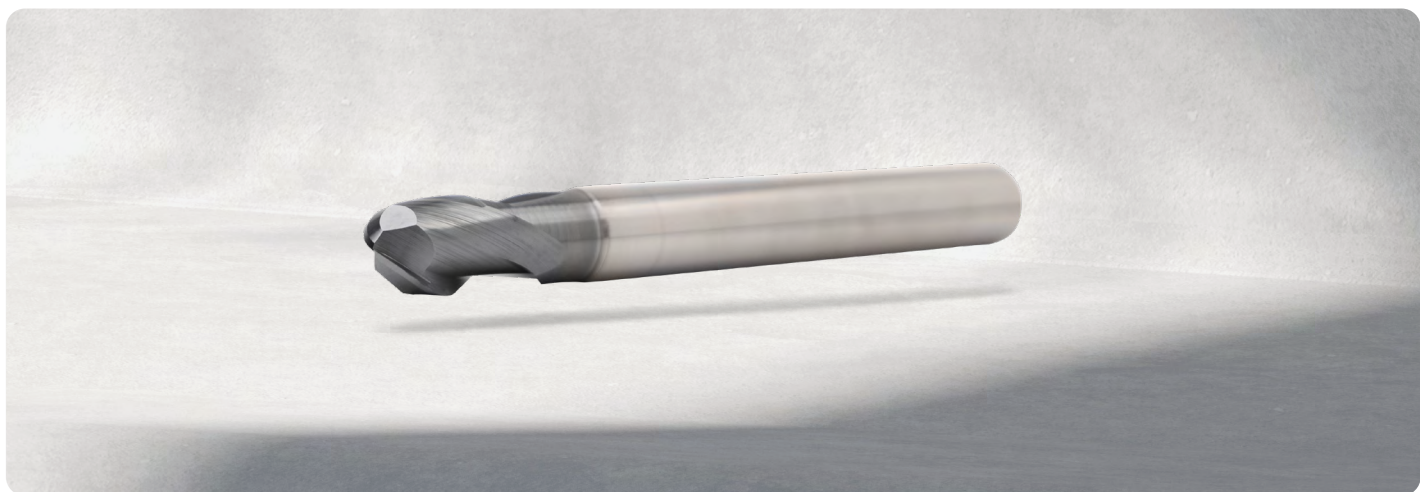
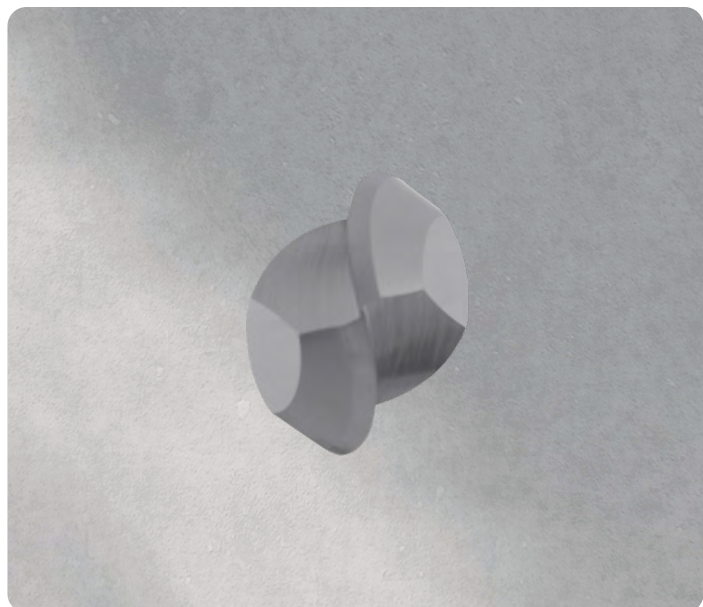


Ap [min]	Ap [max]	Ae [max]	fz
0,3*Dc	Lc	0,2*Dc	0,0100*Dc
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
PLSC2X02030BN	PLSW2X02030BN	2,0	6	3	7	1,9	62	1,0	2
PLSC2X03030BN	PLSW2X03030BN	3,0	6	4	9	2,8	62	1,5	2
PLSC2X04030BN	PLSW2X04030BN	4,0	6	5	12	4,8	62	2,0	2
PLSC2X05030BN	PLSW2X05030BN	5,0	6	6	14	4,8	80	2,5	2
PLSC2X06030BN	PLSW2X06030BN	6,0	6	7	17	5,7	80	3,0	2
PLSC2X08030BN	PLSW2X08030BN	8,0	8	9	22	7,6	90	4,0	2
PLSC2X10030BN	PLSW2X10030BN	10,0	10	11	27	9,5	100	5,0	2
PLSC2X12030BN	PLSW2X12030BN	12,0	12	13	32	11,5	120	6,0	2
PLSC2X14030BN	PLSW2X14030BN	14,0	14	15	37	13,5	120	7,0	2
PLSC2X16030BN	PLSW2X16030BN	16,0	16	17	42	15,5	140	8,0	2
PLSC2X18030BN	PLSW2X18030BN	18,0	18	19	47	17,5	140	9,0	2
PLSC2X20030BN	PLSW2X20030BN	20,0	20	21	52	19,5	160	10,0	2

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

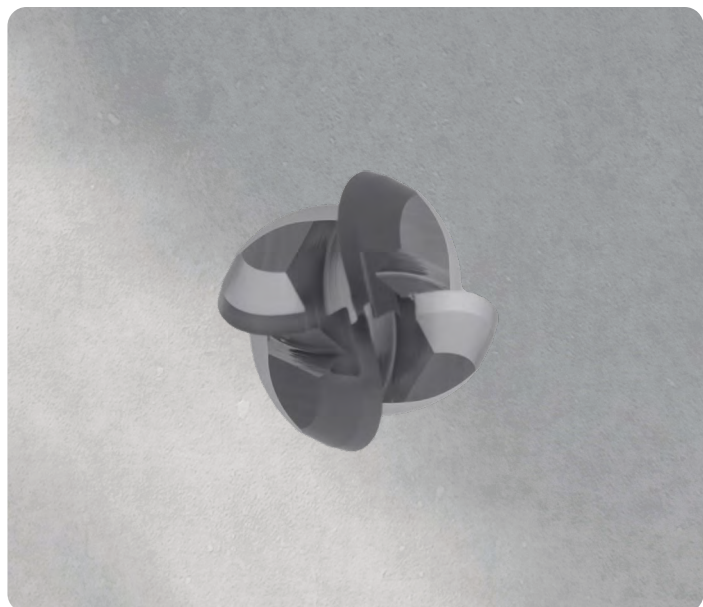








	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,02*Dc	0,5*Dc	0,5*Dc	0,0200*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
PLSC4X02030BN	PLSW4X02030BN	2,0	6	3	7	1,9	62	1,0	4
PLSC4X03030BN	PLSW4X03030BN	3,0	6	4	9	2,8	62	1,5	4
PLSC4X04030BN	PLSW4X04030BN	4,0	6	5	12	3,8	62	2,0	4
PLSC4X05030BN	PLSW4X05030BN	5,0	6	6	14	4,8	80	2,5	4
PLSC4X06030BN	PLSW4X06030BN	6,0	6	7	17	5,7	80	3,0	4
PLSC4X08030BN	PLSW4X08030BN	8,0	8	9	22	7,6	90	4,0	4
PLSC4X10030BN	PLSW4X10030BN	10,0	10	11	27	9,5	100	5,0	4
PLSC4X12030BN	PLSW4X12030BN	12,0	12	13	32	11,5	120	6,0	4
PLSC4X14030BN	PLSW4X14030BN	14,0	14	15	37	13,5	120	7,0	4
PLSC4X16030BN	PLSW4X16030BN	16,0	16	17	42	15,5	140	8,0	4
PLSC4X18030BN	PLSW4X18030BN	18,0	18	19	47	17,5	140	9,0	4
PLSC4X20030BN	PLSW4X20030BN	20,0	20	21	52	19,5	160	10,0	4

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	210	175	120	120	100	-	150	110	-	-	-	-	-	-	-

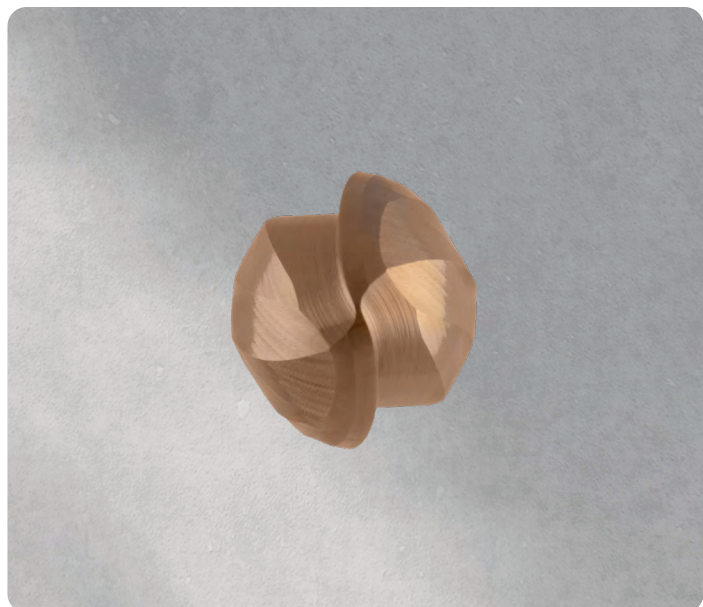








	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,02*Dc	0,5*Dc	0,5*Dc	0,0200*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2S03015BN	-	3,0	6	4	9	2,8	50	1,5	2
ULC2S04015BN	-	4,0	6	5	13	3,8	54	2,0	2
ULC2S05015BN	-	5,0	6	6	16	4,8	54	2,5	2
ULC2S06015BN	-	6,0	6	7	17	5,7	54	3,0	2
ULC2S08015BN	-	8,0	8	9	21	7,6	58	4,0	2
ULC2S10015BN	-	10,0	10	11	25	9,5	66	5,0	2
ULC2S12015BN	-	12,0	12	13	27	11,5	73	6,0	2

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	-	-	-	280	280	225	-	-	-	-	-	-	-	-	-

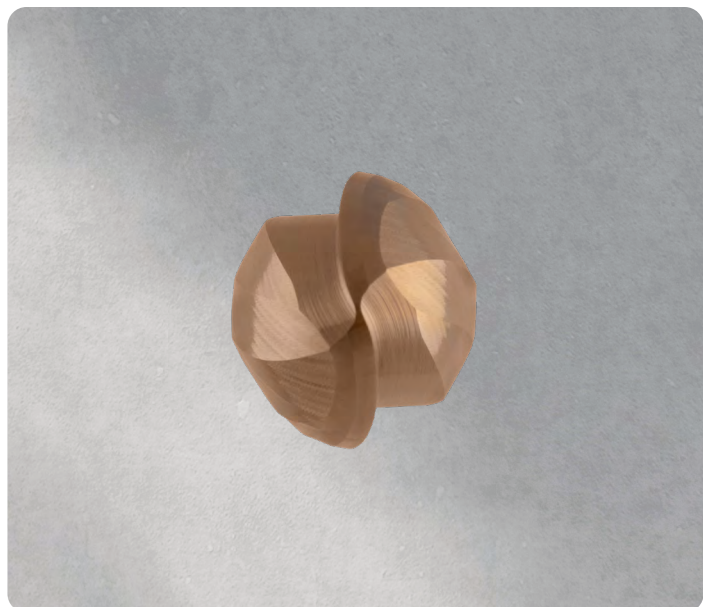







	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,02*Dc	0,5*Dc	0,5*Dc	0,0200*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2X03015BN	-	3,0	6	4	15	2,8	57	1,5	2
ULC2X04015BN	-	4,0	6	5	16	3,8	57	2,0	2
ULC2X05015BN	-	5,0	6	6	20	4,8	57	2,5	2
ULC2X06015BN	-	6,0	6	7	24	5,7	62	3,0	2
ULC2X08015BN	-	8,0	8	9	30	7,6	68	4,0	2
ULC2X10015BN	-	10,0	10	11	38	9,5	80	5,0	2
ULC2X12015BN	-	12,0	12	13	46	11,5	93	6,0	2

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	-	-	-	280	280	225	-	-	-	-	-	-	-	-	-

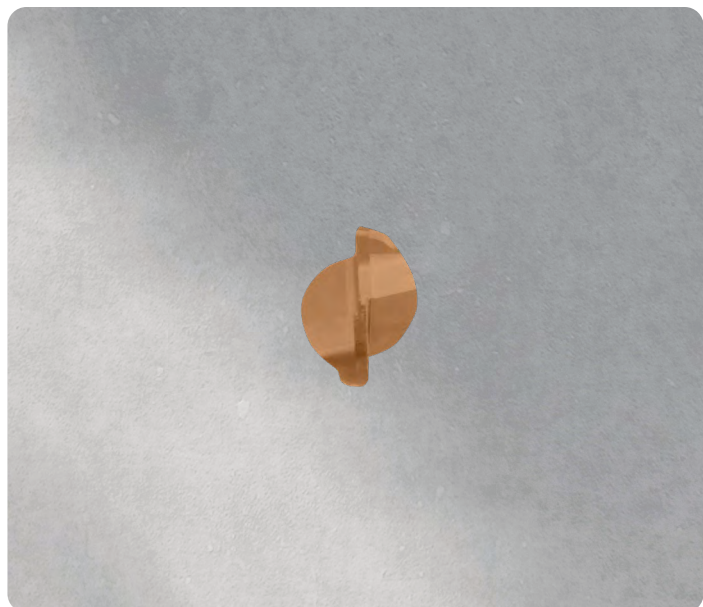


	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,02*Dc	0,5*Dc	0,5*Dc	0,0200*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2S00230ST005	-	0,2	4	0,2	-	-	50	0,05	2
ULC2S00330ST005	-	0,3	4	0,3	-	-	50	0,05	2
ULC2S00430ST010	-	0,4	4	0,4	-	-	50	0,10	2
ULC2S00530ST010	-	0,5	4	0,5	-	-	50	0,10	2
ULC2S00630ST010	-	0,6	4	0,6	-	-	50	0,10	2
ULC2S00830ST010	-	0,8	4	0,8	-	-	50	0,10	2
ULC2S01030ST020	-	1,0	4	1,0	-	-	50	0,20	2
ULC2S01530ST020	-	1,5	4	1,5	-	-	50	0,20	2
ULC2S02030ST020	-	2,0	4	2,0	-	-	50	0,20	2
ULC2S02030ST050	-	2,0	4	2,0	-	-	50	0,50	2

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	-	-	-	95	80	60	-	-	-	-	-	-	-	-	-



	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,3*Dc	Lc	0,5*Dc	0,0050*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2X00230SN004T005	-	0,2	4	0,2	0,4	0,17	50	0,05	2
ULC2X00230SN006T005	-	0,2	4	0,2	0,6	0,17	50	0,05	2
ULC2X00330SN006T005	-	0,3	4	0,3	0,6	0,27	50	0,05	2
ULC2X00330SN009T005	-	0,3	4	0,3	0,9	0,27	50	0,05	2
ULC2X00330SN015T005	-	0,3	4	0,3	1,5	0,27	50	0,05	2
ULC2X00430SN015T010	-	0,4	4	0,4	1,5	0,37	50	0,10	2
ULC2X00430SN030T010	-	0,4	4	0,4	3,0	0,37	50	0,10	2
ULC2X00430SN050T010	-	0,4	4	0,4	5,0	0,37	50	0,10	2
ULC2X00530SN015T010	-	0,5	4	0,5	1,5	0,46	50	0,10	2
ULC2X00530SN030T010	-	0,5	4	0,5	3,0	0,46	50	0,10	2
ULC2X00530SN050T010	-	0,5	4	0,5	5,0	0,46	50	0,10	2
ULC2X00530SN100T010	-	0,5	4	0,5	10,0	0,46	50	0,10	2
ULC2X00630SN030T010	-	0,6	4	0,6	3,0	0,56	50	0,10	2
ULC2X00630SN050T010	-	0,6	4	0,6	5,0	0,56	50	0,10	2
ULC2X00630SN100T010	-	0,6	4	0,6	10,0	0,56	50	0,10	2
ULC2X00830SN030T010	-	0,8	4	0,8	3,0	0,74	50	0,10	2
ULC2X00830SN050T010	-	0,8	4	0,8	5,0	0,74	50	0,10	2
ULC2X00830SN100T010	-	0,8	4	0,8	10,0	0,74	50	0,10	2
ULC2X00830SN150T010	-	0,8	4	0,8	15,0	0,74	50	0,10	2
ULC2X01030SN050T020	-	1,0	4	1,0	5,0	0,94	50	0,20	2
ULC2X01030SN100T020	-	1,0	4	1,0	10,0	0,94	50	0,20	2
ULC2X01030SN150T020	-	1,0	4	1,0	15,0	0,94	50	0,20	2
ULC2X01030SN200T020	-	1,0	4	1,0	20,0	0,94	75	0,20	2
ULC2X01030SN250T020	-	1,0	4	1,0	25,0	0,94	75	0,20	2
ULC2X01530SN050T020	-	1,5	4	1,5	5,0	1,44	50	0,20	2
ULC2X01530SN100T020	-	1,5	4	1,5	10,0	1,44	50	0,20	2
ULC2X01530SN150T020	-	1,5	4	1,5	15,0	1,44	50	0,20	2
ULC2X01530SN200T020	-	1,5	4	1,5	20,0	1,44	75	0,20	2
ULC2X01530SN250T020	-	1,5	4	1,5	25,0	1,44	75	0,20	2
ULC2X02030SN050T020	-	2,0	4	2,0	5,0	1,94	50	0,20	2
ULC2X02030SN050T050	-	2,0	4	2,0	5,0	1,94	50	0,50	2
ULC2X02030SN100T020	-	2,0	4	2,0	10,0	1,94	50	0,20	2

	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
Vc	-	-	-	95	80	60	-	-	-	-	-	-	-	-	-



	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,3*Dc	Lc	0,5*Dc	0,0050*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2X02030SN100T050	-	2,0	4	2,0	10,0	1,94	50	0,50	2
ULC2X02030SN150T020	-	2,0	4	2,0	15,0	1,94	50	0,20	2
ULC2X02030SN150T050	-	2,0	4	2,0	15,0	1,94	50	0,50	2
ULC2X02030SN200T020	-	2,0	4	2,0	20,0	1,94	75	0,20	2
ULC2X02030SN200T050	-	2,0	4	2,0	20,0	1,94	75	0,50	2
ULC2X02030SN250T020	-	2,0	4	2,0	25,0	1,94	75	0,20	2
ULC2X02030SN250T050	-	2,0	4	2,0	25,0	1,94	75	0,50	2
ULC2X02030SN300T020	-	2,0	4	2,0	30,0	1,94	75	0,20	2
ULC2X02030SN300T050	-	2,0	4	2,0	30,0	1,94	75	0,50	2
ULC2X02030SN400T020	-	2,0	4	2,0	40,0	1,94	75	0,20	2
ULC2X02030SN400T050	-	2,0	4	2,0	40,0	1,94	75	0,50	2

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	95	80	60	-	-	-	-	-	-	-	-	-

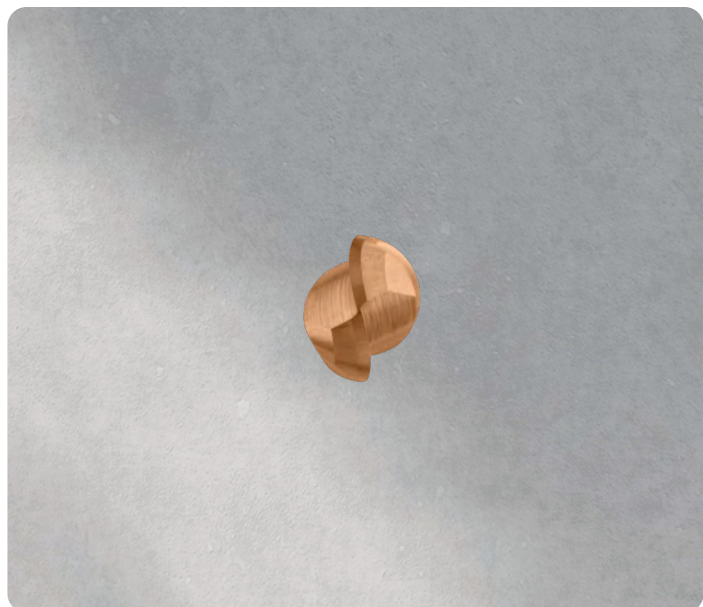


	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,3*Dc	Lc	0,5*Dc	0,0050*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2S00230B	-	0,2	4	0,2	-	-	50	0,10	2
ULC2S00330B	-	0,3	4	0,3	-	-	50	0,15	2
ULC2S00430B	-	0,4	4	0,4	-	-	50	0,20	2
ULC2S00530B	-	0,5	4	0,5	-	-	50	0,25	2
ULC2S00630B	-	0,6	4	0,6	-	-	50	0,30	2
ULC2S00830B	-	0,8	4	0,8	-	-	50	0,40	2
ULC2S01030B	-	1,0	4	1,0	-	-	50	0,50	2
ULC2S01530B	-	1,5	4	1,5	-	-	50	0,75	2
ULC2S02030B	-	2,0	4	2,0	-	-	50	1,00	2

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	105	95	60	-	-	-	-	-	-	-	-	-

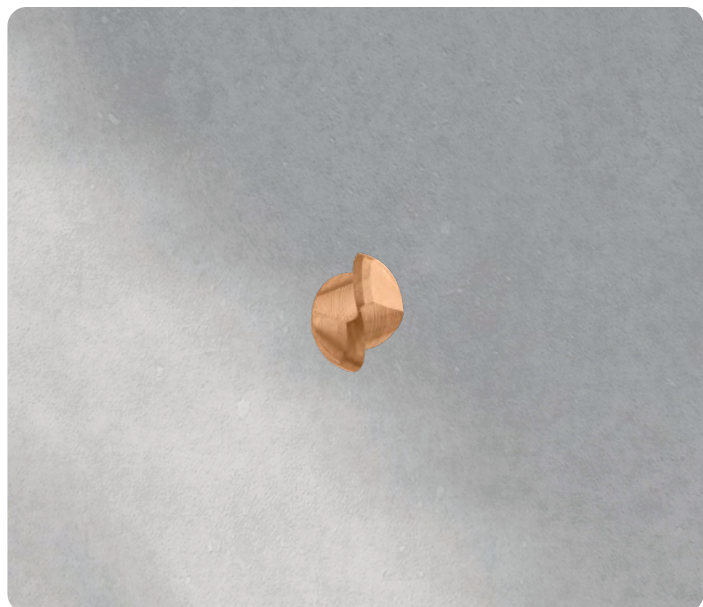
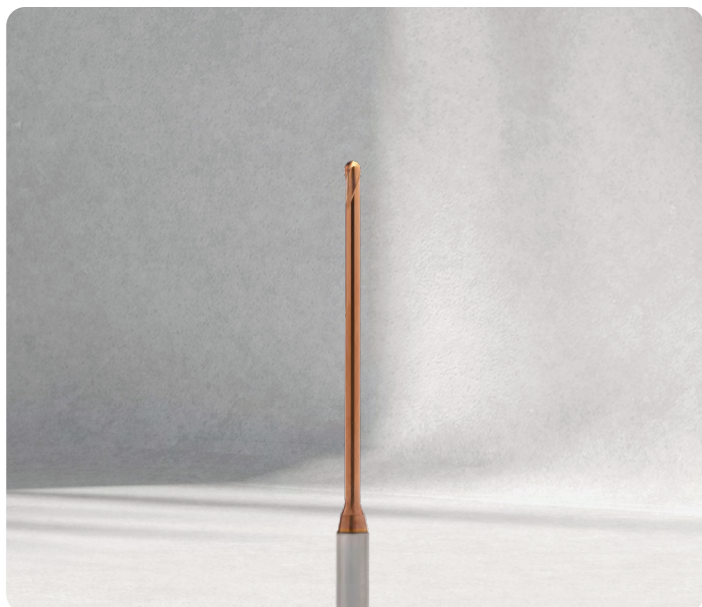


	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,02*Dc	0,5*Dc	0,5*Dc	0,0250*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-



DIN 6535 HA	DIN 6535 HB	Dc	Ds	Lc	Ln	Dn	Lt	r	z
ULC2X00230N004B	-	0,2	4	0,2	0,4	0,17	50	0,10	2
ULC2X00230N006B	-	0,2	4	0,2	0,6	0,17	50	0,10	2
ULC2X00330N006B	-	0,3	4	0,3	0,6	0,27	50	0,15	2
ULC2X00330N009B	-	0,3	4	0,3	0,9	0,27	50	0,15	2
ULC2X00330N015B	-	0,3	4	0,3	1,5	0,27	50	0,15	2
ULC2X00430N015B	-	0,4	4	0,4	1,5	0,37	50	0,20	2
ULC2X00430N030B	-	0,4	4	0,4	3,0	0,37	50	0,20	2
ULC2X00430N050B	-	0,4	4	0,4	5,0	0,37	50	0,20	2
ULC2X00530N030B	-	0,5	4	0,5	3,0	0,46	50	0,25	2
ULC2X00530N050B	-	0,5	4	0,5	5,0	0,46	50	0,25	2
ULC2X00630N030B	-	0,6	4	0,6	3,0	0,56	50	0,30	2
ULC2X00630N050B	-	0,6	4	0,6	5,0	0,56	50	0,30	2
ULC2X00830N030B	-	0,8	4	0,8	3,0	0,74	50	0,40	2
ULC2X00830N050B	-	0,8	4	0,8	5,0	0,74	50	0,40	2
ULC2X01030N050B	-	1,0	4	1,0	5,0	0,94	50	0,50	2
ULC2X01030N100B	-	1,0	4	1,0	10,0	0,94	50	0,50	2
ULC2X01030N150B	-	1,0	4	1,0	15,0	0,94	50	0,50	2
ULC2X01030N200B	-	1,0	4	1,0	20,0	0,94	75	0,50	2
ULC2X01030N250B	-	1,0	4	1,0	25,0	0,94	75	0,50	2
ULC2X01530N050B	-	1,5	4	1,5	5,0	1,44	50	0,75	2
ULC2X01530N100B	-	1,5	4	1,5	10,0	1,44	50	0,75	2
ULC2X01530N150B	-	1,5	4	1,5	15,0	1,44	50	0,75	2
ULC2X01530N200B	-	1,5	4	1,5	20,0	1,44	75	0,75	2
ULC2X01530N250B	-	1,5	4	1,5	25,0	1,44	75	0,75	2
ULC2X01530N300B	-	1,5	4	1,5	30,0	1,44	75	0,75	2
ULC2X02030N050B	-	2,0	4	2,0	5,0	1,94	50	1,00	2
ULC2X02030N100B	-	2,0	4	2,0	10,0	1,94	50	1,00	2
ULC2X02030N150B	-	2,0	4	2,0	15,0	1,94	50	1,00	2
ULC2X02030N200B	-	2,0	4	2,0	20,0	1,94	75	1,00	2
ULC2X02030N300B	-	2,0	4	2,0	30,0	1,94	75	1,00	2
ULC2X02030N400B	-	2,0	4	2,0	40,0	1,94	75	1,00	2

Vc	P1	P2	P3	H1	H2	H3	K1	K2	M1	M2	S1	S2	N1	N2	G
	-	-	-	105	95	60	-	-	-	-	-	-	-	-	-



	Ap [min]	Ap [max]	Ae [max]	fz
	-	-	-	-
	-	-	-	-
	-	-	-	-
	0,02*Dc	0,5*Dc	0,5*Dc	0,0250*Dc
	-	-	-	-
	-	-	-	-
	-	-	-	-

Notes