

**General
Groove
Milling**



For use in bores as of minimum bore diameter 18.0 mm.



W ^{+0,02} mm	Nominal width of groove mm	R mm	ØDmin (Min. Bore) mm	Part number	Webcode*	tmax mm	S mm	ØDS mm	Number of Cutting Edges	Connectcode**			PRICE
0,74	0,7	-	18,0	U18.0070.00 Z	AEX1	1,5	5,75	17,7	3	UD09.0	UD12.0	UD13.0	\$62.86
0,84	0,8	-	18,0	U18.0080.00 Z	ABTV	1,7	5,75	17,7	3	UD09.0	UD12.0	UD13.0	\$62.53
0,94	0,9	-	18,0	U18.0090.00 Z	AGH7	1,9	5,75	17,7	3	UD09.0	UD12.0	UD13.0	\$63.26
1,21	1,1	-	18,0	U18.0110.00 G	AEQD	3,5	5,75	17,7	3	UD09.0			\$57.31
1,17	-	-	18,0	U18.0117.00 G	AAU0	3,5	5,75	17,7	3	UD09.0			\$58.57
1,41	1,3	0,1	18,0	U18.0130.01 G	AG1P**	3,5	5,75	17,7	3	UD09.0			TBD
1,42	-	-	18,0	U18.0142.00 G	ANB1	3,5	5,75	17,7	3	UD09.0			\$61.88
1,5	-	0,2	18,0	U18.0150.02 G	AMW2	3,5	5,75	17,7	3	UD09.0			\$60.88
1,55	-	0,2	18,0	U18.0157.02 G	AJ80	3,5	5,75	17,7	3	UD09.0			\$62.18
1,71	1,6	0,1	18,0	U18.0160.01 G	AKKZ**	3,5	5,75	17,7	3	UD09.0			TBD
2,0	-	0,2	18,0	U18.0200.02 G	AJXK	3,5	5,75	17,7	3	UD09.0			\$59.92
2,39	-	0,2	18,0	U18.0239.02 G	AG6E	3,5	5,75	17,7	3	UD09.0			\$62.18
2,5	-	0,2	18,0	U18.0250.02 G	ABXH	3,5	5,75	17,7	3	UD09.0			\$58.68
3,0	-	0,2	18,0	U18.0300.02 G	ADJZ	3,5	5,75	17,7	3	UD09.0			\$56.16
3,18	-	0,2	18,0	U18.0318.02 G	AJZU	3,5	5,75	17,7	3	UD09.0			\$60.36
4,0	-	0,2	18,0	U18.0400.02 G	AJU0	3,5	5,75	17,7	3	UD09.0			\$59.92

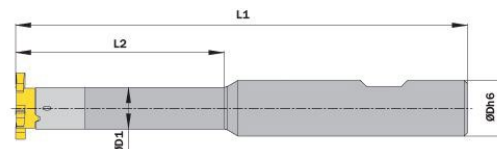
* www.simtek.eu/webcode

** www.simtek.eu/ccode

**** Non Stock Standard**

The logo for SIMTEK, featuring the word "SIMTEK" in a bold, blue, sans-serif font, with a stylized triangle above the "I". Below it, the word "simmillUX" is written in a green, lowercase, sans-serif font, with vertical bars of varying heights between "mill" and "UX".

**Milling Cutter Shank,
Weldon (DIN 6535 HB)**



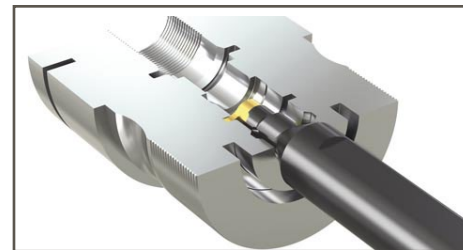
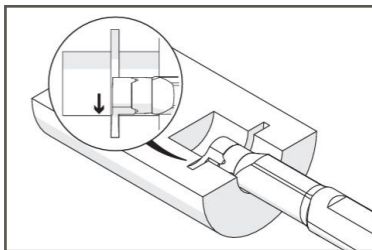
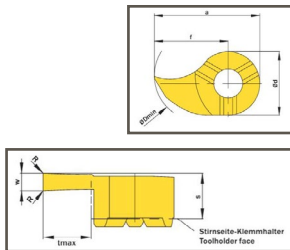
Anti-Vibration solid carbide type with through coolant and shank according to DIN 6535 HB.

ØDh6 mm	ØD1 mm	L2 mm	Part number	Webcode*	L1 mm	Screw	Screw driver	Connectcode**	PRICE
▼ ØDh6 = 12,0 mm									
12,0	9,0	32,0	U18.1209.32 B HM	AHQG	100,0	U M4x12 T15F	T15F	UD09.0	\$440.67
12,0	9,0	45,0	U18.1209.45 B HM	AGXG	100,0	U M4x12 T15F	T15F	UD09.0	\$475.99
12,0	9,0	64,0	U18.1209.64 B HM	AC32	120,0	U M4x12 T15F	T15F	UD09.0	\$544.25
▼ ØDh6 = 12,7 mm									
12,7	9,0	32,0	U18.0.500.09.32 B HM	AMW6	100,0	U M4x12 T15F	T15F	UD09.0	\$497.70
12,7	9,0	45,0	U18.0.500.09.45 B HM	AEW9	100,0	U M4x12 T15F	T15F	UD09.0	\$531.07
12,7	9,0	64,0	U18.0.500.09.64 B HM	AEYX	120,0	U M4x12 T15F	T15F	UD09.0	\$570.56
▼ ØDh6 = 15,875 mm									
15,875	9,0	18,0	U18.0.625.09.18 A ST (Steel)	AN7U	80,0	U M4x12 T15F	T15F	UD09.0	\$258.10
15,875	9,0	18,0	U18.0.625.09.18 B ST (Steel)	AFHD	80,0	U M4x12 T15F	T15F	UD09.0	\$248.01
15,875	9,0	25,0	U18.0.625.09.25 B HM	AET2	93,0	U M4x12 T15F	T15F	UD09.0	\$509.80
15,875	9,0	32,0	U18.0.625.09.32 B HM	ACQM	100,0	U M4x12 T15F	T15F	UD09.0	\$496.22
15,875	9,0	45,0	U18.0.625.09.45 B HM	AD9P	110,0	U M4x12 T15F	T15F	UD09.0	\$595.80
15,875	9,0	64,0	U18.0.625.09.64 B HM	AE40	130,0	U M4x12 T15F	T15F	UD09.0	\$666.90
15,875	13,0	64,0	U18.0.625.13.64 B HM	APQG	110,0	U M4x12 T15F	T15F	UD13.0	\$590.04
15,875	13,0	66,0	U18.0.625.13.66 B HM	AHS9	130,0	U M4x12 T15F	T15F	UD13.0	\$739.70
▼ ØDh6 = 16,0 mm									
16,0	9,0	25,0	U18.1609.25 B HM	AJ83	93,0	U M4x12 T15F	T15F	UD09.0	\$499.44
16,0	9,0	32,0	U18.1609.32 B HM	AH75	100,0	U M4x12 T15F	T15F	UD09.0	\$502.00
16,0	9,0	45,0	U18.1609.45 B HM	AA3N	110,0	U M4x12 T15F	T15F	UD09.0	\$560.30
16,0	9,0	64,0	U18.1609.64 B HM	ACGX	130,0	U M4x12 T15F	T15F	UD09.0	\$643.43
16,0	12,0	45,0	U18.1612.45 B HM	ADG9	110,0	U M4x12 T15F	T15F	UD12.0	\$663.66
16,0	13,0	64,0	U18.1613.64 B HM	AMT0	110,0	U M4x12 T15F	T15F	UD13.0	\$634.34
16,0	13,0	66,0	U18.1613.66 B HM	AJK6	130,0	U M4x12 T15F	T15F	UD13.0	\$667.06

* www.simtek.eu/webcode

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Grooving



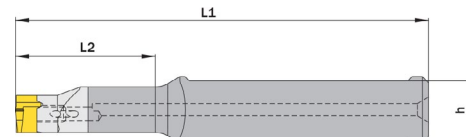
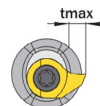
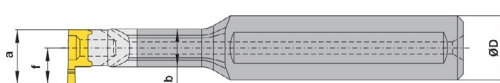
For general Grooving as well as for Circlip Ring Grooving. For use in bores as of minimum bore diameter 14,0mm, 16,0mm and 17,0mm.

W ^{+0,03} mm	Nominal width of groove mm	ØDmin (Min. Bore) mm	Part number	Webcode*	a mm	Ød mm	f mm	S mm	tmax mm	Connectcode**	PRICE
0,73	0,7	14,0	D14.0070.00 ZR/L	R AB83 L AMAH	13,5	9,0	9,0	5,3	1,2	D14	\$28.62
0,83	0,8	14,0	D14.0080.00 ZR/L	R AF8T L AMXS	13,5	9,0	9,0	5,3	1,3	D14	\$28.73
0,93	0,9	14,0	D14.0090.00 ZR/L	R AEAM L ADZA	13,5	9,0	9,0	5,3	1,5	D14	\$28.91
1,0	-	14,0	D14.0100.00 ZR/L	R APFC L AMY9	13,5	9,0	9,0	5,3	4,0	D14	\$28.83
1,2	1,1	14,0	D14.0110.00 GR/L	R AK84 L AM81	13,5	9,0	9,0	5,3	4,0	D14	\$28.08
1,4	1,3	14,0	D14.0130.00 GR/L	R ADGC L AAFB	13,5	9,0	9,0	5,3	4,0	D14	\$27.97
1,5	-	14,0	D14.0150.00 GR/L	R AK6Q L AAJG	13,5	9,0	9,0	5,3	4,0	D14	\$28.83
1,7	1,6	14,0	D14.0160.00 GR/L	R AJTA L AC77	13,5	9,0	9,0	5,3	4,0	D14	\$28.83
2,0	-	14,0	D14.0200.00 GR/L	R AG8N L AMW3	13,5	9,0	9,0	5,3	4,0	D14	\$28.83
2,5	-	14,0	D14.0250.00 GR/L	R AHSS L AA56	13,5	9,0	9,0	5,3	4,0	D14	\$28.83
3,0	-	14,0	D14.0300.00 GR/L	R AFFU L AHHA	13,5	9,0	9,0	5,3	4,0	D14	\$27.97
3,18	-	14,0	D14.0318.00 GR/L	R AKKN L APJD	13,5	9,0	9,0	5,3	4,0	D14	\$30.46
1,5	-	16,0	D14.0150.00.16 GR/L	R ANA2 L AG4U	15,0	9,0	10,5	5,2	5,5	D14	\$35.73
2,0	-	16,0	D14.0200.00.16 GR/L	R AAV5 L AKC6	15,0	9,0	10,5	5,2	5,5	D14	\$33.95
2,5	-	16,0	D14.0250.00.16 GR/L	R AN8C L AKHJ	15,0	9,0	10,5	5,2	5,5	D14	\$34.99
3,0	-	16,0	D14.0300.00.16 GR/L	R ANWY L ABDA	15,0	9,0	10,5	5,2	5,5	D14	\$34.99
1,5	-	17,0	D14.0150.00.17 GR/L	R AJDY L APPU	16,0	9,0	11,5	5,2	6,5	D14	\$34.99
2,0	-	17,0	D14.0200.00.17 GR/L	R AB9C L AH3A	16,0	9,0	11,5	5,2	6,5	D14	\$33.95
2,5	-	17,0	D14.0250.00.17 GR/L	R ANU2 L AFBS	16,0	9,0	11,5	5,2	6,5	D14	\$35.28
3,0	-	17,0	D14.0300.00.17 GR/L	R AATP L AHW1	16,0	9,0	11,5	5,2	6,5	D14	\$33.95

* www.simtek.eu/webcode

** www.simtek.eu/ccode

Pricing slightly higher for left-hand version - Please check E-store



Anti-Vibration Solid Carbide Round Shank
Toolholder with through coolant.

Toolholder, For Internal Applications

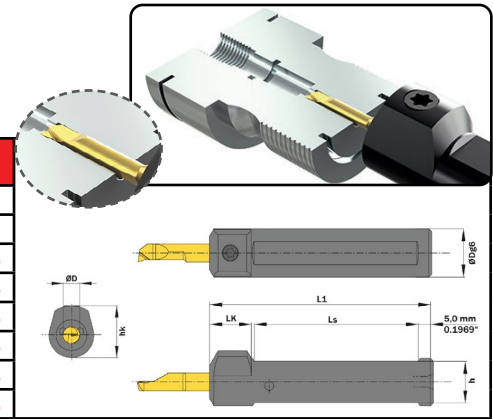
ØD ^{h6} mm	L2 mm	Part number	Webcode*	b mm	h mm	L1 mm	tmax mm	Screw	Screw driver	Connectcode**	PRICE
▽ ØD = 12,0 mm											
12,0	34,0	D14.0012.34 HM	AMQ7	9,5	11,0	100,0	6,5	D M4x12 T15F	T15F	D14	\$450.91
12,0	45,0	D14.0012.45 HM	AMYJ	9,5	11,0	110,0	6,5	D M4x12 T15F	T15F	D14	\$491.91
12,0	64,0	D14.0012.64 HM	AEQA	9,5	11,0	130,0	6,5	D M4x12 T15F	T15F	D14	\$572.54
▽ ØD = 12,7 mm											
12,7	34,0	D14.0.500.34 HM	AEBY	9,5	11,0	100,0	6,5	D M4x12 T15F	T15F	D14	\$488.81
12,7	45,0	D14.0.500.45 HM	AEZJ	9,5	11,0	110,0	6,5	D M4x12 T15F	T15F	D14	\$493.20
12,7	64,0	D14.0.500.64 HM	AAEN	9,5	11,0	130,0	6,5	D M4x12 T15F	T15F	D14	\$628.70
▽ ØD = 15,875 mm											
15,875	20,0	D14.0.625.20 ST	ADZ8	9,5	15,0	100,0	6,5	D M4x12 T15F	T15F	D14	\$203.47
15,875	34,0	D14.0.625.34 HM	AG7B	9,5	15,0	100,0	6,5	D M4x12 T15F	T15F	D14	\$561.95
15,875	45,0	D14.0.625.45 HM	AB11	9,5	15,0	110,0	6,5	D M4x12 T15F	T15F	D14	\$649.91
15,875	64,0	D14.0.625.64 HM	AAMU	9,5	15,0	130,0	6,5	D M4x12 T15F	T15F	D14	\$693.00
15,875	75,0	D14.0.625.75 HM	AEUU**	9,5	15,0	145,0	6,5	D M4x12 T15F	T15F	D14	TBD
▽ ØD = 16,0 mm											
16,0	20,0	D14.0016.20 ST	ANP6	9,5	15,0	100,0	6,5	D M4x12 T15F	T15F	D14	\$203.46
16,0	34,0	D14.0016.34 HM	AFP8	9,5	15,0	100,0	6,5	D M4x12 T15F	T15F	D14	\$530.20
16,0	45,0	D14.0016.45 HM	AA1H	9,5	15,0	110,0	6,5	D M4x12 T15F	T15F	D14	\$568.04
16,0	64,0	D14.0016.64 HM	AB99	9,5	15,0	130,0	6,5	D M4x12 T15F	T15F	D14	\$621.50
16,0	75,0	D14.0016.75 HM	AFD1	9,5	15,0	145,0	6,5	D M4x12 T15F	T15F	D14	\$697.72

* www.simtek.eu/webcode

** www.simtek.eu/ccode

** Non Stock Standard

HOLDERS	Part Number	Description	Shank Size	L1	Connectcode ØDmm	PRICE
	282-AUSA	A04.0.750T	3/4"	4.330"	A04T / 4mm	\$243.71
	282-AUS8	A05.0.750T	3/4"	4.330"	A05T / 5mm	\$243.71
	282-AUTX	A05.1.000T	1"	4.330"	A05T / 5mm	\$257.14
	282-AUT6	A06.0.750T	3/4"	4.330"	A06 / 6mm	\$241.34
	282-AUUV	A06.1.000T	1"	4.330"	A06 / 6mm	\$257.14
	282-AUUY	A07.0.750T	3/4"	4.330"	A07 / 7mm	\$241.34
	282-AUVK	A07.1.000T	1"	4.330"	A07 / 7mm	\$257.14
	282-AUV5	A08.1.000T	1"	4.330"	A08T / 8mm	\$290.94



A04 INSERTS

X800 Series

Part Number	Description	L2 Length	Ø Dmin. Min. Bore	Radius	PRICE
282-AW9G	A04.1C04.04.10.05YR	4mm	1mm	0.05mm	\$66.48
282-AW9H	A04.1C04.06.10.05YR	6mm	1mm	0.05mm	\$66.08
282-AW3A	A04.1C05.04.12.10YR	5.1mm	1.2mm	0.1mm	\$56.58
282-AW3C	A04.1C05.07.12.10YR	7.1mm	1.2mm	0.1mm	\$60.47
282-AW3G	A04.1C06.06.14.10YR	6mm	1.4mm	0.1mm	\$52.09
282-AW3J	A04.1C06.10.14.10YR	10.2mm	1.4mm	0.1mm	\$54.13
282-AF0J	A04.1C07.06.17.10YR	6mm	1.7mm	0.1mm	\$49.79
282-ANVC	A04.1C07.09.17.10YR	9.1mm	1.7mm	0.1mm	\$52.61
282-AW3M	A04.1C08.09.19.10YR	9.1mm	1.9mm	0.1mm	\$49.94
282-AW3P	A04.1C08.12.19.10YR	12.2mm	1.9mm	0.1mm	\$55.50
282-ABCM	A04.1C10.06.22.10YR	6mm	2.2mm	0.1mm	\$49.79
282-ABD9	A04.1C10.09.22.10YR	9.1mm	2.2mm	0.1mm	\$51.26
282-AGGH	A04.1C10.13.22.10YR	13.2mm	2.2mm	0.1mm	\$54.43
282-AJ8J	A04.1C12.10.27.15YR	10.2mm	2.7mm	0.15mm	\$52.39
282-AB8C	A04.1C12.15.27.15YR	15.2mm	2.7mm	0.15mm	\$53.78
282-AW3S	A04.1C14.15.30.15YR	15.2mm	3mm	0.15mm	\$61.22
282-AHQ2	A04.1C14.20.30.15YR	20.3mm	3mm	0.15mm	\$65.00
282-AW9T	A04.1C14.25.30.05YR	25.4mm	3mm	0.05mm	\$75.94
282-AG17	A04.1C15.10.32.15YR	10.2mm	3.2mm	0.15mm	\$51.53
282-ABTG	A04.1C15.15.32.15YR	15.2mm	3.2mm	0.15mm	\$55.76
282-AAVU	A04.1C15.20.32.15YR	20.3mm	3.2mm	0.15mm	\$64.84
282-A2AD	A04.1C15.25.32.15YR	25.4mm	3.2mm	0.15mm	\$67.36
282-ANJF	A04.1C17.10.37.15YR	10.2mm	3.7mm	0.15mm	\$51.87
282-AHBD	A04.1C17.15.37.15YR	15.2mm	3.7mm	0.15mm	\$56.17
282-AB5S	A04.1C17.20.37.15YR	20.3mm	3.7mm	0.15mm	\$61.70
282-ANNS	A04.1C17.25.37.10YR	25.4mm	3.7mm	0.1mm	\$70.04
282-A2AE	A04.1C17.30.37.10YR	30.5mm	3.7mm	0.1mm	\$71.32
282-AEH9	A04.1820.10.42.15YR	10.2mm	4.2mm	0.15mm	\$46.15
282-AHDX	A04.1820.15.42.15YR	15.2mm	4.2mm	0.15mm	\$50.46
282-AM3K	A04.1820.20.42.15YR	20.3mm	4.2mm	0.15mm	\$57.25
282-AJT1	A04.1820.25.42.15YR	25.4mm	4.2mm	0.15mm	\$60.25
282-ASFY	A04.1820.30.42.05YR	30.5mm	4.2mm	0.05mm	\$70.04
282-A2AF	A04.1820.35.42.05YR	35.6mm	4.2mm	0.05mm	\$72.36

A05 INSERTS

X800 Series

Part Number	Description	L2 Length	Ø Dmin. Min. Bore	Radius	PRICE
282-AXJC	A05.1825.20.49.20YR	20.3mm	4.9mm	0.2mm	\$60.36
282-AXJF	A05.1825.25.49.20YR	25.4mm	4.9mm	0.2mm	\$68.75
282-AXJK	A05.1825.30.49.20YR	30.5mm	4.9mm	0.2mm	\$81.77
282-AXJN	A05.1825.35.49.20YR	35.6mm	4.9mm	0.2mm	\$87.26
282-AXJQ	A05.1825.40.40.20YR	40.6mm	4.9mm	0.2mm	\$98.02
282-AFCW	A05.1825.10.52.20YR	10.2mm	5.2mm	0.2mm	\$41.98
282-AF4Y	A05.1825.15.52.20YR	15.2mm	5.2mm	0.2mm	\$43.42
282-AM8M	A05.1825.20.52.20YR	20.3mm	5.2mm	0.2mm	\$52.83
282-AFSB	A05.1825.25.52.20YR	25.4mm	5.2mm	0.2mm	\$59.29
282-AFY1	A05.1825.30.52.20YR	30.5mm	5.2mm	0.2mm	\$66.82
282-AND4	A05.1825.35.52.20YR	35.6mm	5.2mm	0.2mm	\$75.20
282-AMQK	A05.1825.40.52.20YR	40.6mm	5.2mm	0.2mm	\$86.29

A06 INSERTS

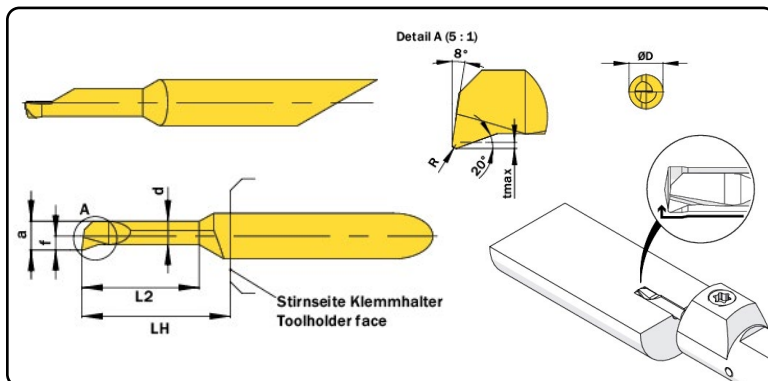
X800 Series

Part Number	Description	L2 Length	Ø Dmin. Min. Bore	Radius	PRICE
282-AXH6	A06.1830.35.59.20YR	35.6mm	5.9mm	0.2mm	\$88.11
282-AXH8	A06.1830.40.59.20YR	40.6mm	5.9mm	0.2mm	\$100.80
282-A2AG	A06.1830.45.59.20YR	45.7mm	5.9mm	0.2mm	\$101.81
282-AG74	A06.1830.15.62.20YR	15.2mm	6.2mm	0.2mm	\$46.49
282-AHDQ	A06.1830.20.62.20YR	20.3mm	6.2mm	0.2mm	\$53.46
282-AMJG	A06.1830.25.62.20YR	25.4mm	6.2mm	0.2mm	\$61.55
282-AFDC	A06.1830.30.62.20YR	30.5mm	6.2mm	0.2mm	\$65.56
282-ABT1	A06.1830.35.62.20YR	35.6mm	6.2mm	0.2mm	\$73.69
282-AC3S	A06.1830.40.62.20YR	40.6mm	6.2mm	0.2mm	\$82.37
282-A2AH	A06.1830.50.62.20YR	50.8mm	6.2mm	0.2mm	\$92.09

A07 INSERTS

X800 Series

Part Number	Description	L2 Length	Ø Dmin. Min. Bore	Radius	PRICE
282-APJJ	A07.1835.25.72.20YR	25.4mm	7.2mm	0.2mm	\$65.96
282-AHXT	A07.1835.30.72.20YR	30.5mm	7.2mm	0.2mm	\$73.50
282-AMGJ	A07.1835.35.72.20YR	35.6mm	7.2mm	0.2mm	\$80.92
282-ABCQ	A07.1835.40.72.20YR	40.6mm	7.2mm	0.2mm	\$83.63
282-AMXA	A07.1835.45.72.20YR	45.7mm	7.2mm	0.2mm	\$95.98
282-AKWE	A07.1835.50.72.20YR	50.8mm	7.2mm	0.2mm	\$100.91
282-A2AJ	A07.1835.60.72.20YR	60.8mm	7.2mm	0.2mm	\$115.56



Very precise and strong tool system of solid carbide cutting insert and steel toolholders. High repeat accuracy from insert to insert and usable lengths up to 9xD! For best performance in bores as of Ø 0,3 mm (0.012").

BY

SIMTEK

NOW AVAILABLE!

GRADILUM

HIGH PERFORMANCE GRADES

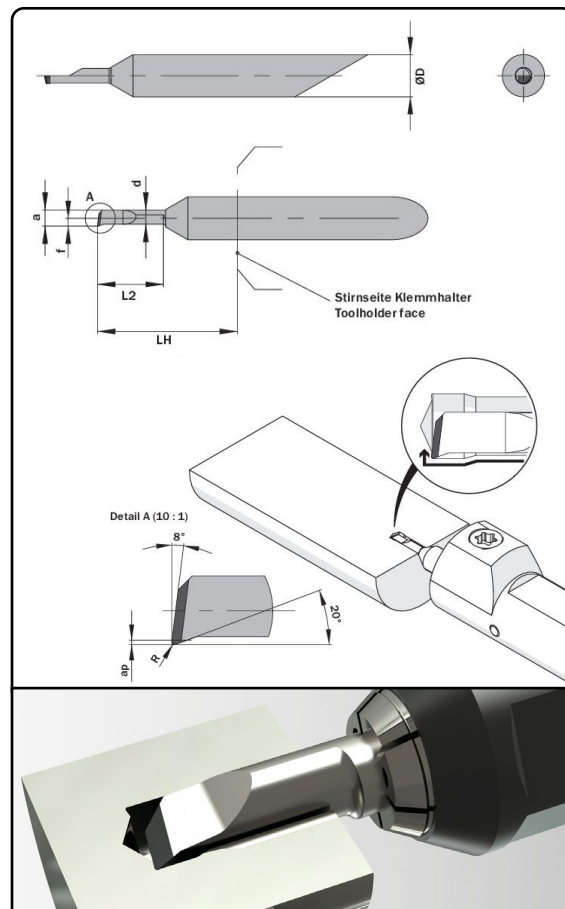
GRADILUM X8

GRADILUM X4

NEW X800
Replaces
GN39**NEW** X400
Replaces
GT45Multilayer TiAlN + TiN Cover
Application Specific Carbide
Tight Coating Thickness ToleranceMultilayer TiAlN
Application Specific Carbide
Tight Coating Thickness Tolerance
The grade for Stainless & Non-Ferrous metals**CBN TIPPED BORING INSERTS**

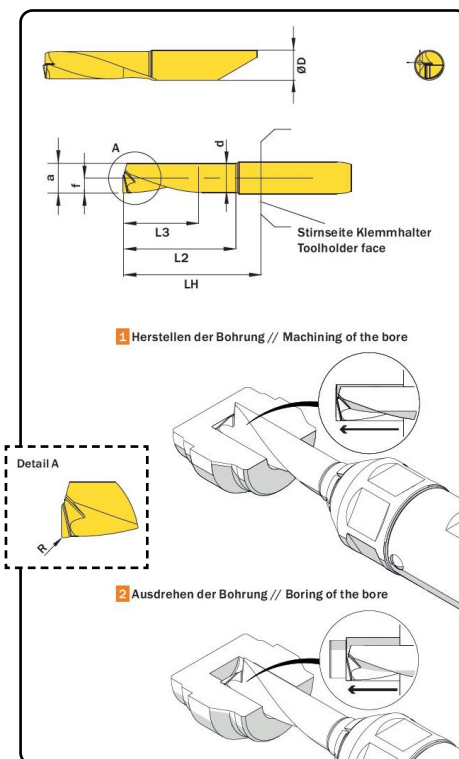
The **simturnAX** - boring inserts with SIMTEK CBN cutting grade for hard part turning applications are now also available for boring of bores starting with a minimum bore diameter of $\varnothing D_{min} = 1.0$ mm. These tools are especially suitable for boring of bores in materials with HRC > 54, such as hardened steels. In combination with the **simturnAX** toolholders, excellent results are achieved even in materials that are difficult to machine.

Part Number	Description	L2 Length	$\varnothing$ Dmin. Min. Bore	Radius	Ap Max. mm	PRICE
282-AG1U	A04.1C07.06.17.10YUR	6mm	1.7mm	0.1mm	0.08	\$173.41
282-AHS2	A04.1810.09.22.10YUR	9.1mm	2.2mm	0.1mm	0.11	\$164.46
282-AKDS	A04.1812.10.27.15YUR	10.2mm	2.7mm	0.15mm	0.13	\$161.94
282-AWK9	A04.1812.15.27.15YUR	15.2mm	2.7mm	0.15mm	0.13	\$180.86
282-ADD4	A04.1815.10.32.15YUR	10.2mm	3.2mm	0.15mm	0.16	\$158.29
282-AQ5Q	A04.1815.20.32.15YUR	20.3mm	3.2mm	0.15mm	0.16	\$184.35
282-ABVW	A04.1817.15.37.15YUR	15.2mm	3.7mm	0.15mm	0.18	\$142.63
282-AH9U	A04.1820.10.42.15YUR	10.2mm	4.2mm	0.15mm	0.21	\$158.79
282-AHVV	A04.1820.20.42.15YUR	20.3mm	4.2mm	0.15mm	0.21	\$173.52
282-AKJE	A04.1820.25.42.15YUR	25.4mm	4.2mm	0.15mm	0.21	\$173.03
282-AD1K	A05.1825.15.52.20YUR	15.2mm	5.2mm	0.2mm	0.26	\$171.40
282-AA87	A05.1825.25.52.20YUR	25.4mm	5.2mm	0.2mm	0.26	\$195.26
282-AJBN	A05.1825.40.52.20YUR	40.6mm	5.2mm	0.2mm	0.26	\$265.15
282-ADEW	A06.1830.15.62.20YUR	15.2mm	6.2mm	0.2mm	0.31	\$193.54
282-ACXE	A06.1830.25.62.20YUR	25.4mm	6.2mm	0.2mm	0.31	\$212.94
282-AEJ9	A06.1830.30.62.20YUR	30.5mm	6.2mm	0.2mm	0.31	\$227.34
282-AJ2Z	A06.1830.40.62.20YUR	40.6mm	6.2mm	0.2mm	0.31	\$241.04
282-ABD2	A07.1835.25.72.20YUR	25.4mm	7.2mm	0.2mm	0.36	\$241.02
282-ADK7	A07.1835.35.72.20YUR	36.6mm	7.2mm	0.2mm	0.36	\$265.61
282-ADDS	A07.1835.50.72.20YUR	50.8mm	7.2mm	0.2mm	0.36	\$287.93

**DRILLING & BORING INSERTS**

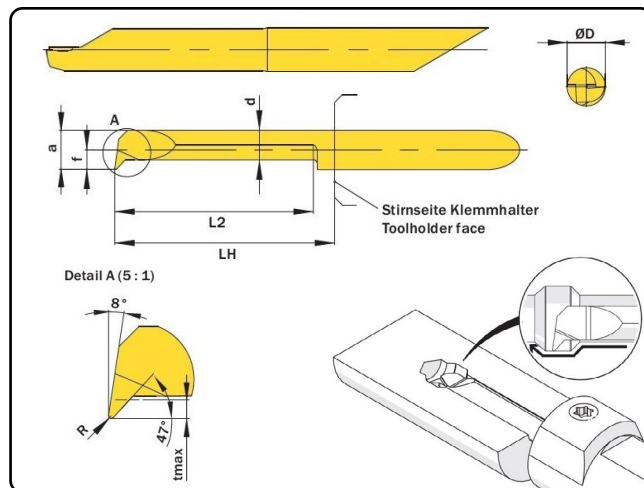
Simtek's Drilling & Boring inserts allow you to eliminate drills from your operations. These bars can drill into solid material within the DCMIN and DCMAX ranges. You can then use the same tools to then bore out those holes to the required size. Alternatively, you can use them to flat bottom pre-drilled holes.

Part Number	Description	L2 Length	$\varnothing$ DC MIN	$\varnothing$ DC MAX	Max. Drilling Depth	Radius	$\varnothing$ D/ Connect Code	PRICE
282-A038	A04.DB19.15.40.20YR	15.2mm	3.7mm	4mm	10mm	0.2mm	4mm/A04T	\$123.91
282-A039	A04.DB19.20.40.20YR	20.3mm	3.7mm	4mm	15mm	0.2mm	4mm/A04T	\$127.80
282-A031	A05.DB25.15.50.20YR	15.2mm	4.7mm	5mm	10mm	0.2mm	5mm/A05T	\$127.69
282-A032	A05.DB25.20.50.20YR	20.3mm	4.7mm	5mm	15mm	0.2mm	5mm/A05T	\$132.26
282-A04K	A05.DB25.25.50.20YR	25.4mm	4.7mm	5mm	20mm	0.2mm	5mm/A05T	\$136.55
282-A033	A06.DB29.15.60.20YR	15.2mm	5.7mm	6mm	10mm	0.2mm	6mm/A06T	\$128.95
282-A034	A06.DB29.20.60.20YR	20.3mm	5.7mm	6mm	15mm	0.2mm	6mm/A06T	\$133.42
282-A04H	A06.DB29.25.60.20YR	25.4mm	5.7mm	6mm	20mm	0.2mm	6mm/A06T	\$137.92
282-A04J	A06.DB29.30.60.20YR	30.5mm	5.7mm	6mm	25mm	0.2mm	6mm/A06T	\$141.66
282-A035	A07.DB34.20.70.20YR	20.3mm	6.7mm	7mm	15mm	0.2mm	7mm/A07T	\$139.28
282-A036	A07.DB34.25.70.20YR	25.4mm	6.7mm	7mm	20mm	0.2mm	7mm/A07T	\$145.01
282-A037	A07.DB34.30.70.20YR	30.5mm	6.7mm	7mm	25mm	0.2mm	7mm/A07T	\$151.06
282-A06W	A08.DB39.20.80.20YR	20.3mm	7.7mm	8mm	15mm	0.2mm	8mm/A08T	\$141.98
282-A04F	A08.DB39.25.80.20YR	25.4mm	7.7mm	8mm	20mm	0.2mm	8mm/A08T	\$154.40
282-A04G	A08.DB39.30.80.20YR	30.5mm	7.7mm	8mm	25mm	0.2mm	8mm/A08T	\$155.23

X800 Series

Profiling bars for producing undercuts and thread reliefs.

Part Number	Description	L2 Length	Ø Dmin. Bore	Radius	tmax	PRICE
282-AEJJ	A04.4710.10.22.10YR	10.2mm	2.2mm	0.1mm	0.4mm	\$48.02
282-ANTX	A04.4712.15.27.10YR	15.2mm	2.7mm	0.1mm	0.5mm	\$52.83
282-ADSB	A04.4715.15.32.10YR	15.2mm	3.2mm	0.1mm	0.6mm	\$51.37
282-AMFJ	A04.4720.20.42.15YR	20.3mm	4.2mm	0.15mm	0.8mm	\$49.38
282-AYD3	A05.4725.15.52.15YR	15.2mm	5.2mm	0.15mm	1.0mm	\$52.09
282-AEMF	A05.4725.25.52.15YR	25.4mm	5.2mm	0.15mm	1.0mm	\$55.01
282-AACY	A06.4730.20.62.15YR	20.3mm	6.2mm	0.15mm	1.8mm	\$50.72
282-AJ6F	A06.4730.30.62.15YR	30.5mm	6.2mm	0.15mm	1.8mm	\$64.33
282-AQ9E	A07.4735.40.72.20YR	40.6mm	7.2mm	0.2mm	2.5mm	\$96.39

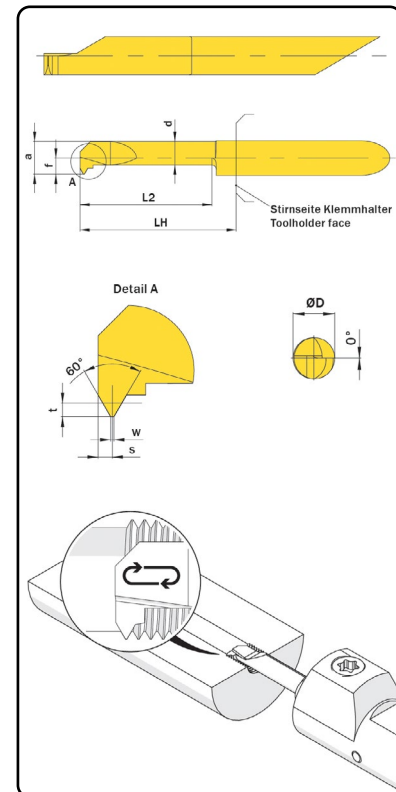


SIMTEK PARTIAL PROFILE THREADING BARS

X800 Series

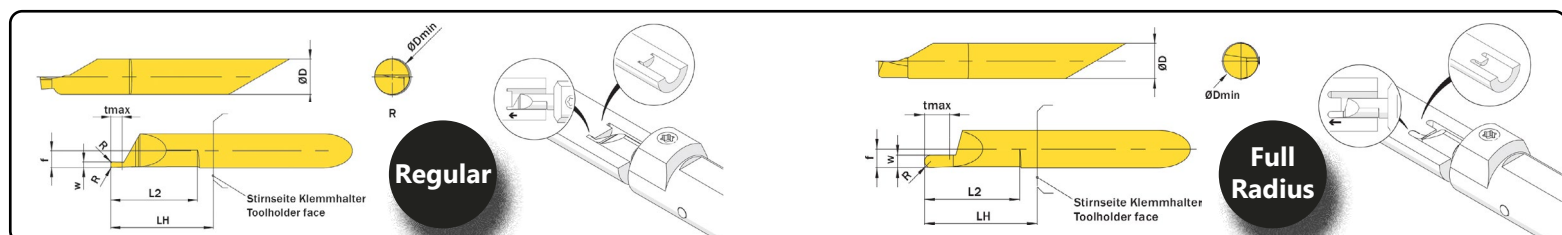
60° Partial profile threading bars for Metric and Unified threads.
For threads as small as M2x0.4mm.

Part Number	Description	L2 Length	Pitch (From) mm	Pitch (To) mm	Pitch (From) TPI	Pitch (To) TPI	ØDmin. Min. Bore	ØD/ Connect Code	PRICE
282-AB5T	A04.M040.01.05.15MR	5.0mm	0.4	-	64	-	1.57mm	4mm/A04T	\$67.97
282-AH5G	A04.M045.01.06.17MR	6.0mm	0.45	-	56	-	1.71mm	4mm/A04T	\$69.71
282-ADAU	A04.M050.01.07.24MR	7.6mm	0.5	-	48	-	2.46mm	4mm/A04T	\$66.92
282-ABVG	A04.M070.01.10.32MR	10.2mm	0.7	-	36	-	3.24mm	4mm/A04T	\$67.43
282-A05G	A04.M070.01.15.32MR	15.2mm	0.7	-	36	-	3.24mm	4mm/A04T	\$72.14
282-AW95	A04.MT08.01.15.39MR	15.2mm	0.8	1.0	32	24	3.9mm	4mm/A04T	\$52.50
282-AD6S	A04.MT05.01.15.42MR	15.2mm	0.5	0.7	48	36	4.2mm	4mm/A04T	\$53.46
282-AJA0	A05.MT10.01.15.48MR	15.2mm	1.0	1.25	24	20	4.8mm	5mm/A05T	\$53.57
282-AC5K	A05.MT10.01.20.48MR	20.3mm	1.0	1.25	24	20	4.8mm	5mm/A05T	\$59.62
282-AH4D	A05.MT10.01.25.48MR	25.4mm	1.0	1.25	24	20	4.8mm	5mm/A05T	\$71.12
282-APGS	A05.MT07.01.15.51MR	15.2mm	0.75	1.0	32	24	5.1mm	5mm/A05T	\$53.57
282-AE44	A05.MT05.01.15.52MR	15.2mm	0.5	0.75	48	32	5.2mm	5mm/A05T	\$51.98
282-AAT9	A06.MT10.01.15.62MR	15.2mm	1.0	1.25	24	20	6.2mm	6mm/A06T	\$52.20
282-AG92	A06.MT12.01.15.62MR	15.2mm	1.25	1.5	20	18	6.2mm	6mm/A06T	\$54.87
282-ABDJ	A06.MT12.01.20.62MR	20.3mm	1.25	1.5	20	18	6.2mm	6mm/A06T	\$61.09
282-ABY1	A06.MT12.01.25.62MR	25.4mm	1.25	1.5	20	18	6.2mm	6mm/A06T	\$68.29
282-AHZW	A06.MT15.01.15.62MR	15.2mm	1.5	1.75	18	14	6.2mm	6mm/A06T	\$54.87
282-AACA	A06.MT15.01.25.62MR	25.4mm	1.5	1.75	18	14	6.2mm	6mm/A06T	\$68.18

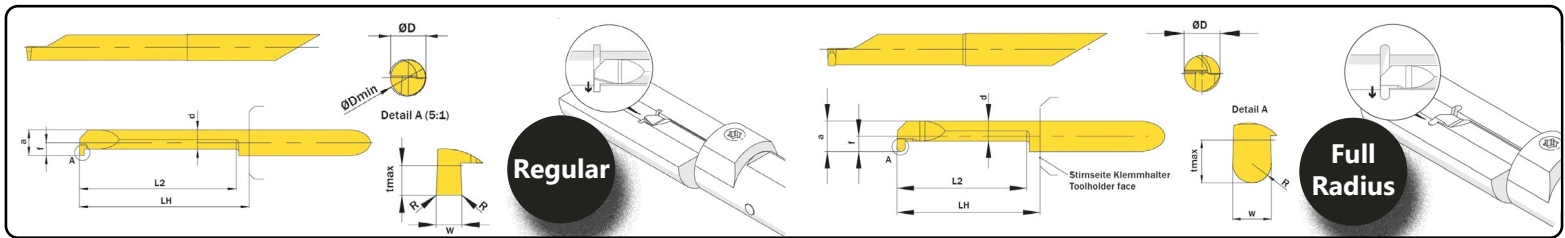


SIMTEK SQUARE ENDED & FULL RADIUS FACE-GROOVING INSERTS

X800 Series



Width mm +0.05	L2 Length mm	ØDmin. Min. Bore	Tmax mm	ØD/ Connect Code	Regular Grooving Inserts			Full Radius Grooving Inserts			
					Part Number	Description	PRICE	Part Number	Description	Radius	PRICE
1.0	15.2	6.2mm	2.0	5mm/A05T	282-AB01	A06.0100.15.01AGR	\$69.23	282-AE1C	A06.0100.15.01AVR	0.5mm	\$70.49
1.5/1.6	15.2	6.2mm	3.0	5mm/A05T	282-AMN7	A06.0150.15.01AGR	\$69.49	282-AJPQ	A06.0160.15.01AVR	0.8mm	\$73.72
2.0	15.2	6.2mm	4.0	5mm/A05T	282-AJ67	A06.0200.15.01AGR	\$69.49	282-AB30	A06.0200.15.01AVR	1.0mm	\$70.78
2.5	15.2	6.2mm	5.0	5mm/A05T	282-AHG4	A06.0250.15.01AGR	\$71.34	282-AAE4	A06.0250.15.01AVR	1.25mm	\$73.19
3.0	20.3	6.2mm	6.0	5mm/A05T	282-ABX0	A06.0300.15.01AGR	\$67.43	282-AF07	A06.0300.15.01AVR	1.5mm	\$71.60



Width mm +0.03	L2 Length mm	ØDmin. Min. Bore	Tmax mm	ØD/ Connect Code	Regular Grooving Inserts			Full Radius Grooving Inserts			
					Part Number	Description	PRICE	Part Number	Description	Radius	PRICE
0.5	9.1	2.0mm	0.4	4mm/A04T	282-AG6V	A04.C050.09.20GR	\$60.70				
0.7	12.2	3.0mm	0.6	4mm/A04T	282-ACKP	A04.C070.12.30GR	\$63.16				
0.79	15.2	4.2mm	0.8	4mm/A04T	282-AJGY	A04.0078.15.42GR	\$57.99				
1.0	15.2	4.2mm	0.8	4mm/A04T	282-AAQT	A04.0100.15.42GR	\$53.96	282-AC9G	A04.0100.15.42VR	0.5mm	\$57.31
1.17	15.2	4.2mm	0.8	4mm/A04T				282-AG4M	A04.0117.15.42VR	0.585mm	\$58.21
0.79	20.3	5.2mm	1.0	5mm/A05T	282-ANXZ	A05.0078.20.52GR	\$62.40				
1.0	20.3	5.2mm	1.0	5mm/A05T	282-AAXA	A05.0100.20.52GR	\$59.40	282-AHPY	A05.0100.20.52VR	0.5mm	\$59.62
1.17	20.3	5.2mm	1.0	5mm/A05T	282-AF9G	A05.0117.20.52GR	\$58.25	282-AGGW	A05.0117.20.52VR	0.585mm	\$61.96
1.5	20.3	5.2mm	1.0	5mm/A05T	282-AH57	A05.0150.20.52GR	\$63.70	282-AA2S	A05.0150.20.52VR	0.75mm	\$59.51
1.574	20.3	5.2mm	1.0	5mm/A05T	282-AE6P	A05.0157.20.52GR	\$58.36	282-AM8X	A05.0157.20.52VR	0.787mm	\$62.85
1.626	20.3	5.2mm	1.0	5mm/A05T				282-AT8E	A05.0163.20.52VR	0.813mm	\$62.85
1.98	20.3	5.2mm	1.0	5mm/A05T	282-ACFG	A05.0198.20.52GR	\$62.21	282-AT8G	A05.0198.20.52VR	0.99mm	\$58.43
2.0	20.3	5.2mm	1.0	5mm/A05T	282-AHTZ	A05.0200.20.52GR	\$60.03	282-AK1U	A05.0200.20.52VR	1.0mm	\$60.81
1.0	25.4	6.2mm	1.8	6mm/A06T	282-AJXT	A06.0100.25.62GR	\$68.41	282-AKUZ	A06.0100.25.62VR	0.5mm	\$67.67
1.17	25.4	6.2mm	1.8	6mm/A06T	282-AC61	A06.0117.25.62GR	\$68.08	282-AKMZ	A06.0117.25.62VR	0.585mm	\$59.81
1.5	25.4	6.2mm	1.8	6mm/A06T	282-AFHV	A06.0150.25.62GR	\$68.41	282-AD22	A06.0150.25.62VR	0.75mm	\$67.25
1.574	25.4	6.2mm	1.8	6mm/A06T	282-AJFE	A06.0157.25.62GR	\$72.94	282-APSG	A06.0157.25.62VR	0.787mm	\$66.48
1.626	25.4	6.2mm	1.8	6mm/A06T				282-AT8J	A06.0163.25.62VR	0.813mm	\$59.30
1.98	25.4	6.2mm	1.8	6mm/A06T	282-AJAX	A06.0198.25.62GR	\$70.78	282-AT8M	A06.0198.25.62VR	0.99mm	\$61.49
2.0	20.3	6.2mm	1.8	6mm/A06T	282-ABOS	A06.0200.20.62GR	\$59.62	282-AMVK	A06.0200.20.62VR	1.0mm	\$69.60
2.0	25.4	6.2mm	1.8	6mm/A06T	282-APT6	A06.0200.25.62GR	\$69.60	282-AH3S	A06.0200.25.62VR	1.0mm	\$70.16
1.0	30.5	7.2mm	2.5	7mm/A07T	282-AA78	A07.0100.30.72GR	\$77.47	282-AMUA	A07.0100.30.72VR	0.5mm	\$81.88
1.17	30.5	7.2mm	2.5	7mm/A07T	282-AKKW**	A07.0117.30.72GR	TBD	282-ABU4	A07.0117.30.72VR	0.585mm	\$81.54
1.5	30.5	7.2mm	2.5	7mm/A07T	282-ACNN	A07.0150.30.72GR	\$77.26	282-AJX4	A07.0150.30.72VR	0.75mm	\$82.73
1.574	30.5	7.2mm	2.5	7mm/A07T	282-ABPX	A07.0157.30.72GR	\$80.06	282-AG9X	A07.0157.30.72VR	0.787mm	\$85.00
1.98	30.5	7.2mm	2.5	7mm/A07T	282-AJQG	A07.0198.30.72GR	\$82.51	282-AT8S**	A07.0198.30.72VR	0.99mm	TBD
2.0	30.5	7.2mm	2.5	7mm/A07T	282-AHQQ	A07.0200.30.72GR	\$79.62	282-ACTT	A07.0200.30.72VR	1.0mm	\$79.13

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