



For more information

Profile milling cutter

DOT^{WIST}**TBALL**

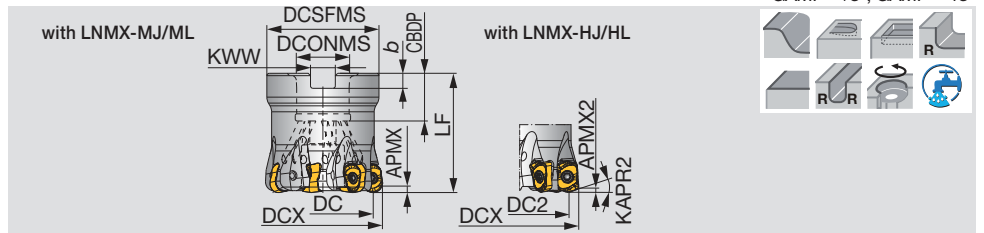
Tungaloy Report No. 507S2-US

Accelerated profiling milling — **Expansion of cutter body lineup for insert size 04**



TXLN

High feed and profile milling, bore type cutter with screw-on system



Inch	APMX	APMX2	DCX	CICT	DC	DC2	KAPR2	DCSFMS	LF	DCONMS	CBDP	KWW	b	WT(kg)	Air hole	Insert
TXLN04U1.50B0.50R06	0.157	0.051	1.500	6	1.193	1.169	20°	1.378	1.574	0.500	0.610	0.258	0.157	0.84	With	LNMX04...
TXLN04U2.00B0.75R07	0.157	0.051	2.000	7	1.693	1.669	20°	1.850	1.969	0.750	0.750	0.315	0.197	1.10	With	LNMX04...
TXLN06U2.00B0.75R05	0.236	0.079	2.000	5	1.511	1.499	25°	1.850	1.969	0.750	0.750	0.315	0.197	1.17	With	LNMX06...
TXLN06U2.50B0.75R06	0.236	0.079	2.500	6	2.009	1.997	25°	2.323	1.969	0.750	0.750	0.315	0.197	1.90	With	LNMX06...
TXLN06U3.00B1.00R07	0.236	0.079	3.000	7	2.510	2.498	25°	2.835	2.480	1.000	1.024	0.374	0.236	3.47	With	LNMX06...

Metric	APMX	APMX2	DCX	CICT	DC	DC2	KAPR2	DCSFMS	LF	DCONMS	CBDP	KWW	b	WT(kg)	Air hole	Insert
TXLN04M040B16.0R06	4	1.3	40	6	32.2	31.6	20	35	40	16	18	8.4	5.6	0.21	With	LNMX04...
TXLN04M042B16.0R06	4	1.3	42	6	34.2	33.6	20	35	40	16	18	8.4	5.6	0.21	With	LNMX04...
TXLN04M050B22.0R07	4	1.3	50	7	42.2	41.6	20	47	50	22	20	10.4	6.3	0.45	With	LNMX04...
TXLN04M052B22.0R07	4	1.3	52	7	44.2	43.6	20	47	50	22	20	10.4	6.3	0.47	With	LNMX04...
TXLN04M063B22.0R07	4	1.3	63	7	55.2	54.6	20	59	50	22	20	10.4	6.3	0.76	With	LNMX04...
New TXLN04M066B27.0R07	4	1.3	66	7	58.2	57.6	20	60	50	27	22	12.4	7	0.74	With	LNMX04...

INCH SPARE PARTS

Designation	Clamping screw	Grip	Lubricant	Shell locking bolt	Torx bit
TXLN04U1.50B0.50R06	CSPD-3	H-TB2W	M-1000	-	BLD IP10/S7
TXLN04U2.00B0.75R07	CSPD-3	H-TB2W	M-1000	-	BLD IP10/S7
TXLN06U2...	CSPD-5	H-TB2W	M-1000	-	BLD IP20/S7
TXLN06U3.00B1.00R07	CSPD-5	H-TB2W	M-1000	-	BLD IP20/S7

*Recommended clamping torque: CSPD-3 = 1.84 lbs·ft, 2.5 N·m, CSPD-5 = 3.69 lbs·ft, 5 N·m

METRIC SPARE PARTS

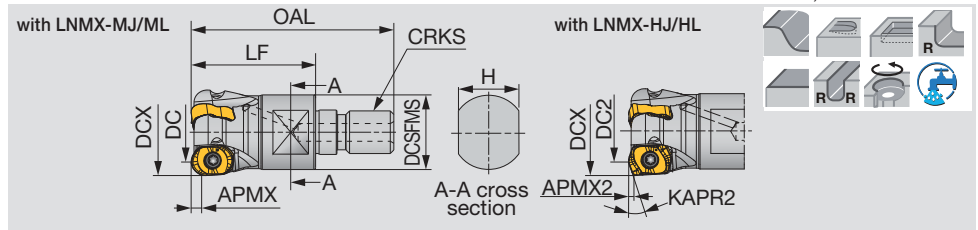
Designation	Clamping screw	Grip	Lubricant	Shell locking bolt	Torx bit
TXLN04M04*B16.0R06	CSPD-3	SW6-SD	-	FSHM8-30H	BLD IP10/S7
TXLN04M05*B22.0R07, TXLN04M063B22.0R07	CSPD-3	SW6-SD	-	CM10X30H	BLD IP10/S7
TXLN04M066B27.0R07	CSPD-3	SW6-SD	-	CM12X30H	BLD IP10/S7

Recommended clamping torque: CSPD-3 = 2.5 N·m

HXLN04-M

High feed and profile milling, TungFlex modular type with screw-on system

GAMP= +3°, GAMF= -12° ~ -14°



Metric	APMX	APMX2	DCX	CICT	DC	DC2	KAPR2	OAL	LF	H	DCSFMS	CRKS	WT(kg)	Air hole	Insert
HXLN04M020M10R02	4	1.3	20	2	12.2	11.6	20°	49	30	15	18	M10	0.07	With	LNMX04...
HXLN04M025M12R03	4	1.3	25	3	17.2	16.6	20°	57	35	17	21	M12	0.16	With	LNMX04...
HXLN04M032M16R04	4	1.3	32	4	24.2	23.6	20°	63	40	22	29	M16	0.2	With	LNMX04...
HXLN04M032M16R05	4	1.3	32	5	24.2	23.6	20°	63	40	22	29	M16	0.2	With	LNMX04...
HXLN04M040M16R06	4	1.3	40	6	32.2	31.6	20°	63	40	22	29	M16	0.24	With	LNMX04...
New HXLN04M042M16R06	4	1.3	42	6	34.2	33.6	20°	63	40	22	29	M16	0.26	With	LNMX04...

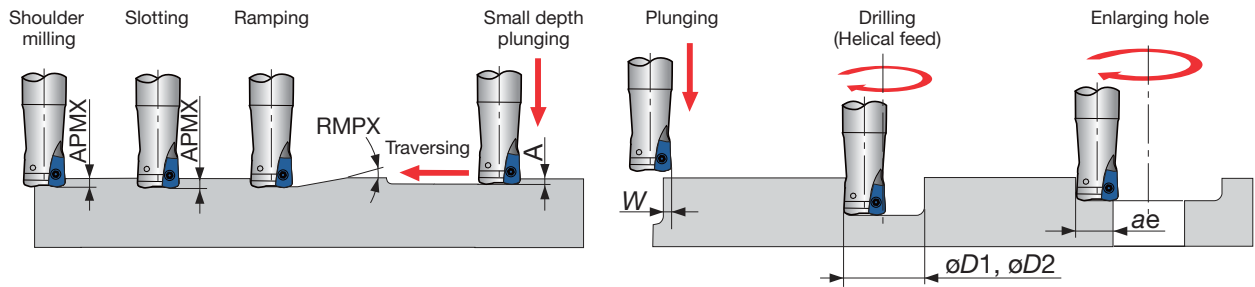
SPARE PARTS



Designation	Clamping screw	Mono block wrench
HXLN04...	CSPD-3	IP-10D

Recommended clamping torque: CSPD-3 = 2.5 N·m

MACHINING APPLICATIONS



MJ, ML

Inch	DCX	Max. depth of cut APMX	Max. ramping angle RMPX	Max. plunging A	Max. cutting width in plunging W	Min. machining dia. øD1	Max. machining dia. øD2	Max. cutting width in enlarging ae
TXLN04U1.50B0.50R06	1.500	0.157	1.2°	0.024	0.157	2.511	2.905	1.342
TXLN04U2.00B0.75R07	2.000	0.157	1°	0.027	0.157	3.496	3.889	1.842
HXLN04M020M10R02	0.787	0.157	4.7°	0.031	0.157	1.102	1.496	0.591
HXLN04M025M12R03	0.984	0.157	3°	0.031	0.157	1.496	1.890	0.787
HXLN04M032M16R04	1.260	0.157	2°	0.031	0.157	2.047	2.441	1.063
TXLN06U2.00B0.75R05	2.000	0.236	2.7°	0.067	0.394	3.150	3.921	1.575
TXLN06U2.50B0.75R06	2.500	0.236	2.3°	0.079	0.394	4.134	4.921	2.047
TXLN06U3.00B1.00R07	3.000	0.236	1.6°	0.071	0.394	5.157	5.921	2.559

HJ, HL

Inch	DCX	Max. depth of cut APMX	Max. ramping angle RMPX	Max. plunging A	Max. cutting width in plunging W	Min. machining øD1	Max. machining øD2	Max. cutting width in enlarging ae
TXLN04U1.50B0.50R06	1.500	0.157	1.3°	0.024	0.161	2.456	2.905	1.342
TXLN04U2.00B0.75R07	2.000	0.157	1°	0.027	0.161	3.456	3.889	1.842
HXLN04M020M10R02	0.787	0.051	4.9°	0.030	0.161	1.063	1.496	0.610
HXLN04M025M12R03	0.984	0.051	3°	0.030	0.161	1.457	1.890	0.807
HXLN04M032M16R04	1.260	0.051	2°	0.030	0.161	2.008	2.441	1.083
TXLN06U2.00B0.75R05	2.000	0.079	2.7°	0.063	0.433	3.110	4.000	1.535
TXLN06U2.50B0.75R06	2.500	0.079	2°	0.067	0.433	4.094	4.921	2.008
TXLN06U3.00B1.00R07	3.000	0.079	1.4°	0.067	0.433	5.079	5.921	2.520

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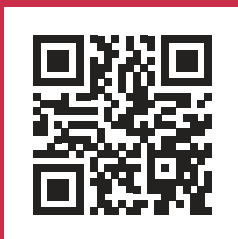
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