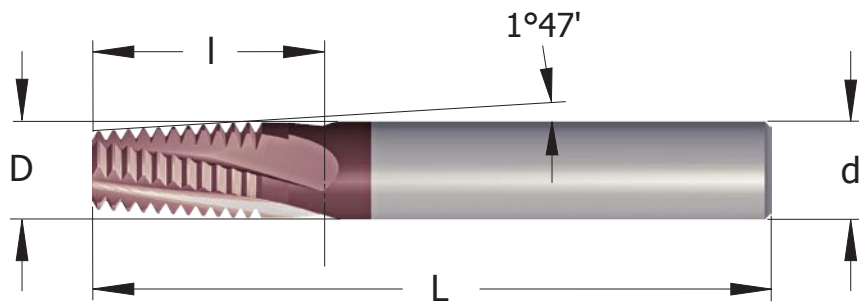


ThreadBurr

AC
TiAlCN coated, Micrograin Carbide
Tolerance
D 6,0 - 12,0 +0 / -0,030
D 16,0 - 20,0 +0 / -0,050
Shank
Cylindrical h6, DIN6535 HA
Flute
Between 12° and 18°
Field of application
Thread Milling of all types of steel



NPT

NPT PIPE THREAD

Pitch TPI	Standard	Vib. free	INTERNAL / EXTERNAL Part Number	d mm	D mm	Z flutes	l mm	L mm
27	1/16 - 1/8		XB0606C10_27NPT_AC	6	6	3	10,82	63
27	1/16 - 1/8	VF	XB0606F10_27NPT_AC	6	6	6	10,82	63
18	1/4 - 3/8		XB0808C16_18NPT_AC	8	8	3	16,23	63
18	1/4 - 3/8	VF	XB0808F16_18NPT_AC	8	8	6	16,23	63
18	1/4 - 3/8		XB1010D16_18NPT_AC	10	10	4	16,23	76
14	1/2 - 3/4		XB1212D22_14NPT_AC	12	12	4	22,68	83
14	1/2 - 3/4	VF	XB1212F22_14NPT_AC	12	12	6	22,68	83
14	3/4		XB1616E22_14NPT_AC	16	16	5	22,68	89
11,5	1 - 2		XB1616D29_11.5NPT_AC	16	16	4	29,82	89
11,5	1 - 2	VF	XB1616F29_11.5NPT_AC	16	16	6	29,82	89
8	≥ 2 1/2		XB2020D42_8NPT_AC	20	20	4	42,86	100

NPTF

NPTF DRYSEAL PIPE THREAD

Pitch TPI	Standard	Vib. free	INTERNAL / EXTERNAL Part Number	d mm	D mm	Z flutes	l mm	L mm
27	1/16 - 1/8		XB0606C10_27NPTF_AC	6	6	3	10,82	63
18	1/4 - 3/8		XB0808C16_18NPTF_AC	8	8	3	16,23	63
14	1/2 - 3/4		XB1212D22_14NPTF_AC	12	12	4	22,68	83
11,5	1 - 2		XB1616D29_11.5NPTF_AC	16	16	4	29,82	89
8	≥ 2 1/2		XB2020D42_8NPTF_AC	20	20	4	42,86	100

NPSF

NPSF PIPE THREAD

Pitch TPI	Standard	Vib. free	INTERNAL / EXTERNAL Part Number	d mm	D mm	Z flutes	l mm	L mm
27	1/16 - 1/8		XB0606C12_27NPSF_AC	6	6	3	12,70	63
18	1/4 - 3/8		XB0808C16_18NPSF_AC	8	8	3	16,23	63
14	1/2 - 3/4		XB1212D22_14NPSF_AC	12	12	4	22,68	83
11,5	1		XB1616D29_11.5NPSF_AC	16	16	4	29,82	89

VF = Vibration-Free if you use the entire cutting length, [see page 6](#).

What is the difference between NPT, NPTF and NPSF?

NPT and NPTF are tapered threads. NPSF is a straight thread. Leakage can occur on NPT threads which means that a thread seal tape or other thread sealant has to be used to get a leak-free thread.

To solve the problem of leakage, NPTF has been developed. This thread create full contact between the external and internal thread and will make a press fit. No other product for sealing is needed.

Another variation of dryseal is NPSF which is used for internal threads and is made to fit an external NPTF thread.