

KVT EXPANDER SYSTEMS / PRODUCT COMPARISON

Type of sealing element	SK/LK-Expander	MB/CV-Expander	LP-Expander	Ball	Screwed sealing plug (metallic sealing)	Screwed plug with fluid sealant (e.g. Loctite)	XP-Expander	DIN plug	DIN plug
Operations									
Bore	■	■	■ ¹⁾	■	■	■	■	■	■
Bore (Step)	□	■	□	□	■	■	□	□	□
Chamfering	□	□	□	■	■	■	□	■	■
Face milling	□	□	□	■ ³⁾	□	□	□	■ ³⁾	■ ³⁾
Reaming	□	□	□	■	□	□	□	■	■
Tapping	□	□	□	□	■	■	□	□	□
Cleaning	■	■	■	■	■	■	■	■	■
Placing Sealant on Screw	□	□	□	□	□	■	□	□	■
Positioning of element	■ by setting tool	■ put into bore	■ by setting tool	■	■	■	■ by setting tool	■ by setting tool	■ by setting tool
Setting of sealing element	■ by pulling the mandrel	■ by setting tool	■ by setting tool	■ by setting tool	■	■	■ by pushing upper part	■ by pressing in	■ by pressing in
Cramping	□	□	□	■ ²⁾	□	□	□	□	□
Torque check (in line)	□	□	□	□	■ ²⁾	■ ²⁾	□	□	□
Insertion-Control	■ ²⁾	■ ²⁾	■ ²⁾	■ ²⁾	□	□	■ ²⁾	■ ²⁾	■ ²⁾
Pressure test	□ upon request only	□ upon request only	□ upon request only	■	■	■	■ upon request only	■ upon request only	■ upon request only
Total no of operation	4 (5)	5 (6)	4 (5)	8 (10)	9	10	5 (6)	7 (9)	8 (9)
Warranty by supplier	provided	provided	provided	none	none	none	provided	none	none
Expander diameter available	4-10/4-18 mm	3-22/4-18 mm	4.4-12.7 mm				20-50 mm		

¹⁾ without bore applicable as well ²⁾ optional control unit ³⁾ in dependance on assembly