

### X-Feed™ Series

- Significantly reduces manufacturing time in machining hardened steels.
- Providing the benefits of indexable style high-feed milling starting from as small as 6mm.
- Increases your capability to perform 3D machining, helical ramping, circular interpolation, face milling, and pocketing.
- One tool for roughing and semi-finishing.

#### 70N6 Series

- 6-flute.
- Extended neck for long-reach applications.
- Applicable for hardened steels from 40–52 HRC.



#### 70N7 Series

- 6-flute.
- Extended neck for long-reach applications.
- Applicable for hardened steels from 50–67 HRC.



**Operation:** Pocket Milling  
**Customer:** Die and Mould Manufacturer  
**Material:** AISI 4340 hardened steel (52 HRC)  
**Workpiece:** Mould  
**Results:**

- 3x better Metal Removal Rate (MRR) than competitive tool!
- Machined at more than 3x faster feed!

	COMPETITOR	WIDIA™-Hanita™
tool:	6-flute H/P for die & mould	70N612005MT
material:	medium-hardened steel (52 HRC)	medium-hardened steel (52 HRC)
surface speed:	120 m/min	160 m/min
feed per tooth:	0,34mm	0,34mm
depth of cut:	0,8mm	0,6mm
table feed:	4,331 mm/min	15,287 mm/min
metal removal rate:	22,8 cm <sup>3</sup>	60,5 cm <sup>3</sup>

Individual results may vary.

