

ROTATING TOOLS

MULTI FUNCTIONAL
MILLING

Finishing



Roughing



APX4000

Light Alloy	Cast Iron	Carbon Steel Alloy Steel	Stainless Steel	Hardened Steel



- High accuracy, high quality vertical wall.
- Low cutting force insert.
- With through air & coolant holes.

Fig.1

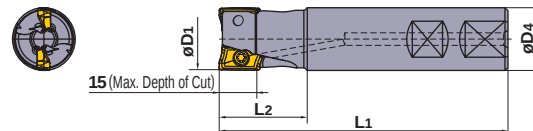
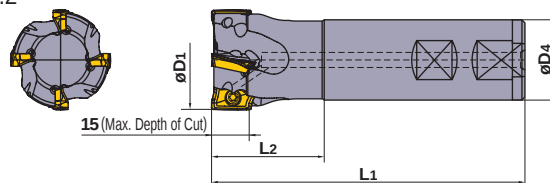


Fig.2



WELDON SHANK TYPE

Right hand tool holder only.

Type	Order Number	Stock	Number of Teeth	Dimensions (mm)				Max. Ramping Angle α°	Max. Spindle Speed (min ⁻¹)	Type (Fig.)	★	Wrench	Anti-seize Lubricant	Insert
				D1	D4	L1	L2							
Standard	APX4000R252WA25SA	●	2	25	25	115	35	11	18900	1	TPS4	TIP15W	MK1KS	AOMT 1848 PEER-M/H
	323WA32SA	●	3	32	32	125	45	7	16300	1	TPS4	TIP15W	MK1KS	
	403WA32SA	●	3	40	32	125	45	6	14200	2	TPS43	TIP15W	MK1KS	
	404WA32SA	●	4	40	32	125	45	6	14200	2	TPS43	TIP15W	MK1KS	
Long	APX4000R252WA25LA	●	2	25	25	170	35	11	18900	1	TPS4	TIP15W	MK1KS	
	282WA25LA	●	2	28	25	170	35	9	17700	2	TPS4	TIP15W	MK1KS	
	323WA32LA	●	3	32	32	190	45	7	16300	1	TPS4	TIP15W	MK1KS	
	353WA32LA	●	3	35	32	190	45	6	15400	2	TPS4	TIP15W	MK1KS	
	404WA32LA	●	4	40	32	190	45	6	14200	2	TPS43	TIP15W	MK1KS	
Extra Long	APX4000R252WA25ELA	●	2	25	25	220	80	11	18900	1	TPS4	TIP15W	MK1KS	
	282WA25ELA	●	2	28	25	220	35	9	17700	2	TPS4	TIP15W	MK1KS	
	323WA32ELA	●	3	32	32	260	100	7	16300	1	TPS4	TIP15W	MK1KS	

(Note 1) When using inserts with corner radius $R_{e} \geq 3.2$, machining of the holder is required as shown on page K039.

(Note 2) The maximum allowable spindle speeds are set to ensure tool and insert stability.

(Note 3) When using the tool at high spindle speeds, ensure that the tool and arbor are correctly balanced.

★ Clamp Torque (N • m) : TPS4=3.5, TPS43=3.5