



Fig.1

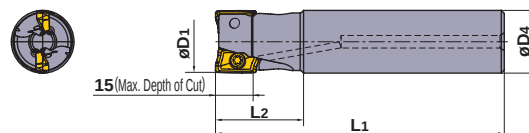
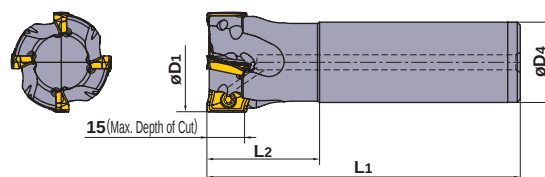


Fig.2



Right hand tool holder only.

STRAIGHT SHANK TYPE

Type	Order Number	Stock R	Number of Teeth	Dimensions (mm)				Max. Ramping Angle α°	Max. Spindle Speed (min ⁻¹)	Type (Fig.)				
				D1	D4	L1	L2							
Standard	APX4000R252SA25SA	★	2	25	25	115	35	11	18900	1	TPS4	TIP15W	MK1KS	
	322SA32SA	★	2	32	32	125	45	7	16300	1	TPS4	TIP15W	MK1KS	
	323SA32SA	★	3	32	32	125	45	7	16300	1	TPS4	TIP15W	MK1KS	
	403SA32SA	★	3	40	32	125	45	6	14200	2	TPS43	TIP15W	MK1KS	
	404SA32SA	★	4	40	32	125	45	6	14200	2	TPS43	TIP15W	MK1KS	
	504SA32SA	★	4	50	32	125	45	4	12400	2	TPS43	TIP15W	MK1KS	
	505SA32SA	★	5	50	32	125	45	4	12400	2	TPS43	TIP15W	MK1KS	
	634SA32SA	★	4	63	32	125	45	3	10800	2	TPS43	TIP15W	MK1KS	
	636SA32SA	★	6	63	32	125	45	3	10800	2	TPS43	TIP15W	MK1KS	
Long	APX4000R252SA25LA	★	2	25	25	170	35	11	18900	1	TPS4	TIP15W	MK1KS	
	282SA25LA	★	2	28	25	170	35	9	17700	2	TPS4	TIP15W	MK1KS	
	322SA32LA	★	2	32	32	190	45	7	16300	1	TPS4	TIP15W	MK1KS	
	323SA32LA	★	3	32	32	190	45	7	16300	1	TPS4	TIP15W	MK1KS	
	352SA32LA	★	2	35	32	190	45	6	15400	2	TPS4	TIP15W	MK1KS	
	353SA32LA	★	3	35	32	190	45	6	15400	2	TPS4	TIP15W	MK1KS	
	402SA32LA	★	2	40	32	190	45	6	14200	2	TPS43	TIP15W	MK1KS	
	403SA32LA	★	3	40	32	190	45	6	14200	2	TPS43	TIP15W	MK1KS	
	404SA32LA	★	4	40	32	190	45	6	14200	2	TPS43	TIP15W	MK1KS	
Extra Long	APX4000R252SA25ELA	★	2	25	25	220	80	11	18900	1	TPS4	TIP15W	MK1KS	
	282SA25ELA	★	2	28	25	220	35	9	17700	2	TPS4	TIP15W	MK1KS	
	322SA32ELA	★	2	32	32	260	100	7	16300	1	TPS4	TIP15W	MK1KS	
	323SA32ELA	★	3	32	32	260	100	7	16300	1	TPS4	TIP15W	MK1KS	
	352SA32ELA	★	2	35	32	260	45	6	15400	2	TPS4	TIP15W	MK1KS	
	353SA32ELA	★	3	35	32	260	45	6	15400	2	TPS4	TIP15W	MK1KS	
	402SA32ELA	★	2	40	32	260	45	6	14200	2	TPS43	TIP15W	MK1KS	
	403SA32ELA	★	3	40	32	260	45	6	14200	2	TPS43	TIP15W	MK1KS	
	404SA32ELA	★	4	40	32	260	45	6	14200	2	TPS43	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 revolutions 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