

There are several possible methods to retain a drive shaft into the hollow bore of a gear reducer. A few common options are listed below:

- Retain drive shaft with a retaining ring (illustrated above)
- Retain drive shaft with a locknut
- Retain drive shaft with a thrust plate and fastener
- Retain drive shaft with a collar and setscrew
- Retain drive shaft with a recessed plate and fastener

**DRIVEN SHAFT RECOMMENDATIONS ● HOLLOW BORE IN INCHES**  
Dimensions - Inches

Series	A	B +/- 0.0025	C	D	F	Retaining Ring Groove		Mfg. No. (Walides Truarcc)	H	I +/- 0.0005	Keyway			Double Extension Details	
						G +0.005/- 0.000	J +/- 0.002				E	K +/- 0.0025	L +/- 0.001	BD +/- 0.0025	W* +/- 0.001
518	2.80	2.6445	0.43	N/A	0.18	0.086	0.703	5160-75	0.88	0.749	1.15	0.6365	0.1875	3.0755	0.430
520	3.50	3.2725	0.30	3.00	0.23	0.086	0.937	5160-98	1.12	0.999	1.15	0.8565	0.250	3.5735	0.300
525	5.00	4.8225	0.13	4.25	0.22	0.103	1.058	5160-112	1.25	1.124	1.53	0.9785	0.250	4.9535	0.130
534	5.65	5.4315	0.53	5.00	0.28	0.120	1.405	5160-150	1.75	1.499	1.65	1.2815	0.375	5.9625	0.530

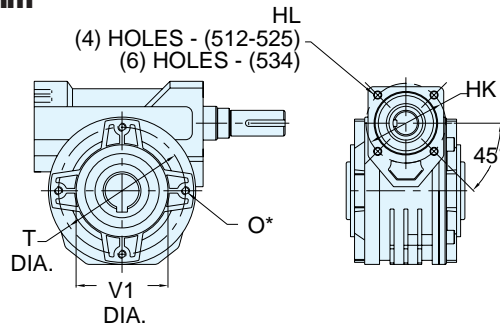
\* Dimension "W" refers to the width of spacer used.

**DRIVEN SHAFT RECOMMENDATIONS ● HOLLOW BORE IN MILLIMETERS**  
Dimensions - MM

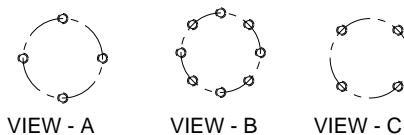
Series	A	B +/- 0.064	C	D	F	Retaining Ring Groove		Mfg. No. (Walides Truarcc)	H	I - 0.005/ -0.020	Keyway			Double Extension Details	
						G +0.12/- 0.00	J +/- 0.05				E	K +/- 0.05	L +0.015/-0.000	BD +/- 0.064	W* +/- 0.02
512	60.5	56.223	10	N/A	5	1.1	13	5100-55	19.1	14	20.2	10.8	5	66.383	10.16
518	71.1	67.170	11	N/A	5	1.4	16	5160-66	22.4	18	30.2	14.5	6	78.118	10.92
520	88.9	83.120	8	76.2	5	2.3	23.5	5160-98	28.4	25	30.2	21.0	8	90.767	7.62
525	127.0	122.492	3	108.0	8	2.6	26	5160-106	31.8	28	40.2	24.0	8	125.819	3.30
534	143.5	137.960	14	127.0	9	2.6	32.8	5160-137	44.5	35	50.2	30.0	10	151.448	13.46

\* Dimension "W" refers to the width of spacer used.

**BOLT CIRCLE DIMENSIONS - mm**



	O*	T DIA.	V1 DIA. (h8)	HL	HK DIA.
512	4 - M6 x 9	VIEW - A	65	50	M5 x 11
518	4 - M6 x 14	VIEW - A	65	50	M6 x 15
520	4 - M6 x 9	VIEW - A	94	68	M6 x 16
525	8 - M8 x 17	VIEW - B	90	75	M8 x 17
534	4 - M10 x 8	VIEW - C	130	110	M6 x 16



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