

## TIMKEN SPHERICAL ROLLER BEARING MODIFICATIONS

TKN	SKF	FAG	TIMKEN GENERAL DEFINITION
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Other modifications available: contact your local Timken representative for more information.

TKN	SKF	FAG	TIMKEN GENERAL DEFINITION
CJ	E, CC	J	Spherical with stamped steel cage
YM	M2/CA	M	One-piece roller riding machined brass cage
YMB	MC	MB	One-piece inner ring piloted machined brass cage
C02	C02	T52BE	Inner ring with P5 running accuracy, W4 (SKF does not include W4)
C02 C3	C023	C3, T52BE	Inner ring with P5 running accuracy, C3 RIC
C02 C4	C024	C4, T52BE	Inner ring with P5 running accuracy, C4 RIC
C04	C04	T52BN	Outer ring with P5 running accuracy, W4 (SKF does not include W4)
C04 C3	C043	C3, T52BN	Outer ring with P5 running accuracy, C3 RIC
C04 C4	C044	C4, T52BN	Outer ring with P5 running accuracy, C4 RIC
C08	C08	T52BW C02	P5 running accuracy (C02 and C04)
C08 C3	C083	C3, T52BW	P5 running accuracy (C02 and C04), C3 RIC
C08 C4	C084	C4, T52BW	P5 running accuracy (C02 and C04), C4 RIC
C6	C6	—	Special RIC non-specific
K	K	K	Tapered bore (1: 12 on diameter 22, 23, 30, 31, 32, 33, 39 series)
K	K30	K30	Tapered bore (1: 30 on diameter 40, 41, 42 series)
W4	W4	J26A	Mark high and low points of eccentricity on face of rings
W6R	—	—	Engineered coating on rollers to combat low lube or abrasive contamination
W8	—	—	Rings and rollers TDC® coated
W20	W20	SY	Outer ring with standard lubrication holes
W22	W22	700855	Special reduced O.D. tolerance on outer rings
W25	W73	—	Outer ring with counter drilled lubrication hole
W31	W31	—	Bearing inspected to certain quality control requirements
W33	W33	S	Standard lubrication holes and groove in outer ring (FAG drops S from number for sizes larger than 315 mm O.D.)
W33 W4	W503	S + J26A	Timken and FAG drop W33 W4 in conjunction with C08, W507
W33 W22 W31	W512 (W22 + W31 + W33)	S + 700855	Timken and FAG drop W31 in conjunction with C02, C04, and C08
W33 W94	W513 (W26 + W33)	S + H40A	See other component description
W37	—	—	Special finish
W40I	ECB (Prefix)	W209B	Inner ring only made of carburizing grade steel
W40R	—	—	Rollers only made of carburizing grade steel
W45A	W61	—	Tapped lifting holes in face of outer ring to facilitate lifting and handling
W84	W77	H44S (H40)*	Outer ring with standard lubrication holes plugged
W88	—	—	Special reduced bore tolerance on inner ring
W93	—	—	Inner ring with keyway in bore
W94	W26	H40A	Inner ring lubrication holes and retainer face grooves SKF and FAG - no retainer face grooves
W502	W502 (W22 + W33)	S + 700855	W22, W33 and W45A (where feasible)
W507	W507 (W4 + W31 + W33)	S +	W31, W33 and W45A (where feasible)
W509	W509 (W26 + W31 + W33)	S, H40A + ...	W31, W33, W94 and W45A (where feasible)
W525	W525 (W31 + W77)	S, H44S (H40)*	W31, W33, W84 and W45A (where feasible)
W534	W534 (C08 + W507)	—	W507 and C08
W800	VA405	T41A	W22 + W88 + radial internal clearance in upper two-thirds of range specified range (shaker screen modification)
W906A	—	—	C02 + C04 + W31 + W33 + W40I + W40R (offered on tapered bore product, supercedes W507A, W534A)

Table 28.

Data in this chart has been compiled to make the information as complete as possible. Timken cannot assume any responsibility for errors, omissions or accuracy of the published data.