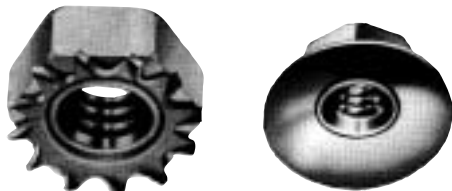


KEPS® PREASSEMBLED NUTS AND WASHERS

NUT PRODUCTS



All of the inherent design, quality and economic advantages of pre-assembled small parts are provided by Keps preassembled nuts and washers, another ITW Shakeproof invention. Keps fasteners can be hopper fed to automatic drivers for increased assembly efficiencies. The free-spinning washer permits full locking action of the Shakeproof tapered, twisted tooth lock washer.

EXTERNAL LOCKWASHER KEPS

DIMENSIONS IN INCHES



DIAMETER	WCL PRODUCT NUMBER	ACROSS FLATS	ACROSS CORNERS (MIN.)	NUT THICKNESS	WASHER O.D.	WASHER MATERIAL THICKNESS
4-40	K0440	.250	.275	.098	.286	.014
6-32	K0632 SM/P	.250	.275	.098	.287	.014
6-32	K0632	.312	.344	.114	.348	.018
8-32	K0832	.344	.378	.130	.381	.021
10-24	K1024	.375	.413	.130	.406	.023
10-32	K1032	.375	.413	.130	.406	.023
12-24	K1224	.438	.482	.161	.506	.026
1/4-20	K2520	.438	.482	.193	.506	.026
1/4-28	K2528	.438	.482	.193	.506	.026
5/16-18	K5618	.500	.557	.273	.592	.031
3/8-16	K3716	.562	.628	.337	.665	.031

Note: SM/P = Small Pattern Nut

CONICAL WASHER KEPS

DIMENSIONS IN INCHES



DIAMETER	WCL PRODUCT NUMBER	ACROSS FLATS	ACROSS CORNERS (MIN.)	NUT THICKNESS	WASHER O.D.	WASHER MATERIAL THICKNESS
4-40	CK0440	.250	.275	.098	.333	.015
6-32	CK0632	.312	.344	.098	.333	.015
8-32	CK0832	.344	.378	.130	.380	.020
10-32	CK1032	.375	.413	.130	.406	.020
1/4-20	CK2520	.438	.482	.130	.506	.025
1/4-20	CK2520-3/4	.438	.482	.130	.750	.062
3/8-16	CK3716	.562	.628	.337	1.000	.076

Note: All Steel Keps® come with standard Zinc Finish. Other finishes are available.
Metric sizes and Stainless Steel Keps® are available. Please inquire with WCL.
Keps is a registered trademarks of Illinois Tool Works Incorporated.