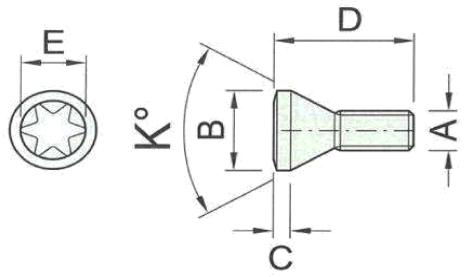
High-Strength Insert Screws

Torx countersunk screws for indexable cutting tools — M1.6 to M4.5

ASC SERIES



Torx drive (E), head diameter B, head height C, length D, included angle K°

Features

- **Torx drive.** The lobed drive spreads load over a larger contact area than a hex socket at the same size.
- **60° head.** Countersunk head seats the insert without standing proud of the pocket.
- **Full size range.** M1.6 to M4.5 in the thread pitches used on standard insert pockets.
- **Consistent heat treatment.** Screws are supplied quench-hardened so the drive does not round out in service.

Dimensions

Item number	A (thread)	B	C	D	K°	Drive
ASC16030S-T6	M1.6-P0.35	2.35	0.55	3	60	T6
ASC16040S-T6	M1.6-P0.35	2.35	0.55	4	60	T6
ASC18034S-T6	M1.8-P0.35	2.4	0.75	3.4	60	T6
ASC18041S-T6	M1.8-P0.35	2.4	0.75	4.1	60	T6
ASC18050S-T6	M1.8-P0.35	2.4	0.75	5	60	T6
ASC20033S-T6	M2.0-P0.4	2.7	0.5	3.3	60	T6
ASC20040S-T6	M2.0-P0.4	2.7	0.5	4	60	T6
ASC20050S-T6	M2.0-P0.4	2.7	0.5	5	60	T6
ASC22050S-T7	M2.2-P0.45	3.1	0.95	5	60	T7
ASC22060S-T7	M2.2-P0.45	3.1	0.95	6	60	T7
ASC25050S-T8	M2.5-P0.45	3.5	0.7	5	60	T8
ASC25060S-T8	M2.5-P0.45	3.5	0.75	6	60	T8
ASC25070S-T8	M2.5-P0.45	3.5	0.75	7	60	T8
ASC30065S-T8	M3.0-P0.5	3.95	0.6	6.5	60	T8
ASC30075S-T8	M3.0-P0.5	3.95	0.6	7.5	60	T8
ASC30070S-T10	M3.0-P0.5	4.4	1.2	7	60	T10
ASC30080S-T10	M3.0-P0.5	4.4	1.25	8	60	T10
ASC35095S-T15	M3.5-P0.6	5.3	1.45	9.5	60	T15
ASC35120S-T15	M3.5-P0.6	5.3	1.45	12	60	T15
ASC40082S-T15	M4.0-P0.7	5.4	1.15	8.2	60	T15
ASC40090S-T15	M4.0-P0.7	5.4	1.15	9	60	T15
ASC40136S-T15	M4.0-P0.7	5.6	1.2	13.6	60	T15
ASC45160S-T15	M4.5-P0.75	6.8	1.15	16	60	T15

Unit: mm

Ordering — the item number encodes thread and length (ASC30075S-T8 = M3.0, 7.5 mm, T8 drive). Use the matching ATW fix-torque wrench; over-torquing is the usual cause of a snapped screw.