

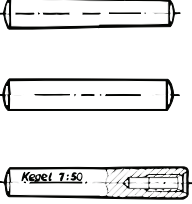
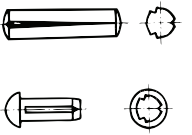
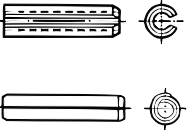

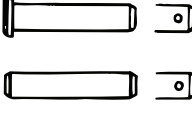

## Standards conversion

### Overview of standards conversion DIN → ISO: Bolts, pins, washers for bolts

The most important changes are listed in Table 9. For some articles, the DIN and ISO versions are identical or the minor changes are hardly relevant to the function at all so that exchangeability is possible.

The conversion is done in an appropriate transition time according to the availability from manufacturing or according to the customer's wishes. Further information on request.

Table 9

Article group	DIN	→	ISO DIN ISO DIN EN ISO	The most important changes
Taper pins, Parallel pins 	1		2339	length l new according to ISO <b>incl.</b> round end (previously according to DIN <b>excl.</b> round end)
	7		2338	length l new according to ISO <b>incl.</b> round end (previously according to DIN <b>excl.</b> round end) types: A, B, C (type A/tol. m6 new with chamfer/round end)
	6325		8734	new: type A with chamfer/round end, fully hardened (for the most part identical with DIN 6325) type B with chamfer, case hardened
	7977 7978 7979/D		8737 8736 8733, 8735	no serious changes DIN 7979/C ~ ISO 8733 [unhardened] DIN 7979/D ~ ISO 8735/A [fully hardened]
Grooved pins 	1470 1471 1472 1473 1474 1475		8739 8744 8745 8740 8741 8742	length l new according to ISO <b>incl.</b> round end (previously according to DIN <b>excl.</b> round end)
	–		8743	new: grooved pins, half-length centre grooved
	1476 1477		8746 8747	type A = no serious changes additional: type B with pilot end
Spring-type straight pin 	1481		8752	type A = regular finish to Ø of ≤ 12 mm with 2 chamfers (previously to a Ø of ≤ 6 mm) additional type B = non-interlocking
	7343 7344 7346		8750 8748 13337	no serious changes
	– –		8749 8751	new: pins, grooved pins: shear test new: spring-types straight pin, light duty
Split pins 	94		1234	no serious changes
Clevis pins, Pins 	1443 1444		2340 2341	} partially other nominal lengths length tolerances changed
	1433 1434 1435 1436		– –	
Washers for pins 	1440		8738	some outer Ø and thicknesses changed (in general not in danger of being replaced)
	1441		–	no ISO standard planned