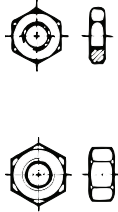
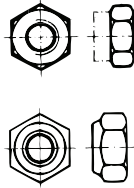
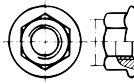
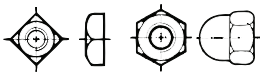


Standards conversion

Table 4: Overview standards conversion DIN → ISO/EN – Hexagon/square nuts
– Hexagon nuts with prevailing torque element

Article group	DIN	→ ISO/EN	Dimension range ①	Changes ①	Labelling ②
1. Hexagon nuts with ISO/EN standards ① 	439-1 (A = without chamfer) 439-2 (B = with chamfer)	ISO 4036 ISO 4035 = coarse pitch thread	Ø M10, 12, 14, 22	new ISO wrench sizes (minor height change)	ISO standard number
		ISO 8675 = fine pitch thread	all other Ø	none = DIN and ISO identical (minor height change)	1. ISO standard number 2. DIN standard number
	555 934 Str. cl. 6, 8, 10 Str. cl. 12 Str. cl. 6, 8, 10	ISO 4034 (ISO type 1) ISO 4032 = coarse pitch thread (ISO type 1) ISO 4033 = coarse pitch thread (ISO type 2) ISO 8673 = fine pitch thread (ISO type 1)	Ø M10, 12, 14, 22	new ISO wrench sizes + new ISO heights	ISO standard numbers
			other Ø M5 to M39	new ISO heights (no wrench sizes change)	
		Ø less than M5 Ø over M39	none = DIN and ISO identical	1. ISO standard numbers 2. DIN standard numbers	
6915	EN 14399-4	see TI-180			
2. Hexagon nuts with prevailing torque element, with ISO/EN standards ① 	980 6925	ISO 7042 = coarse pitch thread ISO 10513 = fine pitch thread	Ø M10, 12, 14, 22	new ISO wrench sizes (DIN 6925 already includes the new ISO wrench sizes) changed nut heights larger wrenching height	ISO standard number
			other Ø	changed nut heights larger wrenching height	ISO standard number
	982	DIN 6924	Ø M10, 12, 14, 22	new ISO wrench sizes changed nut heights	
			other Ø	changed nut heights	
	6924	ISO 7040 = coarse pitch thread ISO 10512 = fine pitch thread	all Ø	greater tolerance range for nut heights (DIN ↔ ISO exchangeable)	1. ISO standard numbers 2. DIN standard numbers
			985	ISO 10511	Ø M10, 12, 14,
	other Ø	reduced nut heights			ISO standard number
		6926	EN 1663 = coarse pitch thread EN 1666 = fine pitch thread	Ø M10	new ISO wrench sizes
other Ø			none (DIN ↔ EN exchangeable)	1. ISO standard numbers 2. DIN standard numbers	
6927		EN 1664 = coarse pitch thread EN 1667 = fine pitch thread	Ø M10	new ISO wrench sizes	EN standard number
			other Ø	none (DIN ↔ EN exchangeable)	1. ISO standard numbers 2. DIN standard numbers
3. Nuts without ISO/EN standards 	557 917 935 986 1587	– – – – –	Ø M10, 12, 14, 22	new ISO wrench sizes	DIN standard numbers + wrench size specifications
			all other Ø	none	DIN standard numbers

① Comparison of wrench sizes and nut heights DIN : ISO and classification of standards, mechanical properties for steel nuts, see Table 5

② Labelling with ISO and DIN standard numbers are valid for the transition period, later only the ISO standard number will apply.