**🔹 1. Any (General type)**

These validators are available on all Joi types.

* .required()
* .optional()
* .forbidden()
* .default(value)
* .description(desc)
* .example(value)
* .valid(...values) / .equal(...)
* .invalid(...values) / .disallow(...)
* .allow(...values)
* .prefs(prefs)
* .strict([strict])
* .custom(fn, description?)
* .meta(meta)
* .notes(notes)
* .tags(tags)
* .unit(name)
* .when(condition, options)
* .alter(targets)
* .label(name)
* .id()
* .strip()
* .empty(schema)
* .insensitive()

**🔹 2. String**

* .min(limit)
* .max(limit)
* .length(limit)
* .pattern(regex, [name|options])
* .regex(regex, [name|options]) *(alias)*
* .email([options])
* .ip([options])
* .uri([options])
* .guid([options]) / .uuid([options])
* .alphanum()
* .token()
* .hex([options])
* .base64([options])
* .hostname()
* .normalize([form])
* .lowercase()
* .uppercase()
* .trim()
* .creditCard()
* .dataUri([options])
* .domain()
* .isoDate()
* .isoDuration()
* .replace(pattern, replacement)

**🔹 3. Number**

* .min(limit)
* .max(limit)
* .greater(limit)
* .less(limit)
* .integer()
* .multiple(base)
* .positive()
* .negative()
* .precision(limit)
* .port()
* .unsafe([enabled])

**🔹 4. Boolean**

* .truthy(...values)
* .falsy(...values)
* .insensitive() *(case-insensitive for strings interpreted as boolean)*

**🔹 5. Date**

* .min(date)
* .max(date)
* .greater(date)
* .less(date)
* .iso()
* .timestamp([type])
* .format(format)

**🔹 6. Array**

* .items(...types)
* .ordered(...types)
* .min(limit)
* .max(limit)
* .length(limit)
* .unique([comparator])
* .sparse([enabled])
* .single([enabled])
* .has(schema)
* .sort([options])

**🔹 7. Object**

* .keys(schema)
* .append(schema)
* .min(limit)
* .max(limit)
* .length(limit)
* .pattern(regex, schema)
* .unknown([allow])
* .and(...keys)
* .or(...keys)
* .xor(...keys)
* .oxor(...keys)
* .with(key, peers)
* .without(key, peers)
* .nand(key, peers)
* .assert(ref, schema, message)
* .rename(from, to, [options])
* .schema([options])
* .instance(constructor, [options])
* .type(constructor, [options])

**🔹 8. Binary**

* .min(limit)
* .max(limit)
* .length(limit)
* .encoding(encoding)

**🔹 9. Alternatives**

* .try(...schemas)
* .match(mode) – any, one, all
* .conditional(ref, options)

**🔹 10. Symbol**

* .map(iterable)
* .valid(...symbols) *(similar to .valid() for primitives)*

**🔹 11. Function**

* .arity(n)
* .minArity(n)
* .maxArity(n)
* .class()

**🔹 12. Link**

* .ref(ref)
* .relative([relative])