Toolkit Data

Our toolkit roadstud selector firstly identifies each type of roadstud definition and classification as shown in the relevant standard EN 1463.

The toolkit also includes details of the UK Traffic Signs Regulations and General Directions on the Statutory Instrument (TSRGD) 2002. This identifies particular definitions and classifications which a roadstud must legally meet for use in the UK.

Our toolkit concludes with a direct performance comparison of each roadstud in this catalogue. **The toolkit therefore gives a one chart selector towards your choice of roadstud.**

Scope and Descriptions	Definitions	Dimensions	Dimensions	Dimensions	Permanent Photometric	Temporary Photometric	Colorimetric	Temporary Daytime	Part 2 Road Testing	Scope and descriptions	Scope and descriptions
EN1463 test descriptions and introductions.	All Roadstuds product types definitions as per BSEN1463 - 1.	All Roadstuds Dimensions Height of roadstud above the road surface.	Permanent Roadstuds Max Horizontal dimensions of roadstud exposed to traffic.	Temporary Roadstuds Min Horizontal dimensions of roadstud exposed to traffic.	Permanent roadstud. Nighttime visibility. Photometric Requirements.	Temporary roadstud. Nighttime visibility. Photometric Requirements.	All Roadstuds Colorimetric requirements.	Temporary roadstud Daytime Visibility of Temporary Roadstuds.	EN1463-2 Road trials All Roadstuds. Primary Assessment.	EN1463-2 Road trials. All Roadstuds Primary Assessment.	EN 1463-2 Roadtrials Temporary Roadstuds Daytime Visibility Assessment.
EN1463-1 initial performance and EN1463-2 road test performance references.	Definitions Clause 4 Table1 Roadstud by use Table 2 Roadstud by Reflector Table 3 By design.	Clause 5 2 Dimensions Class HO not subject to traffic load.	Clause 5 2 Dimensions HD0 No performance determined.	Clause 5 2 Dimensions HDT0 no performance.	Clause 5.3.1.1 Tested in accordance to Annex A.	Clause 5.3.1.2 In accordance to Annex A.	Clause 5.3.2.	Clause 5.4.	Daytime/ Nighttime site examination. Results after clause 5.	Clauses 5.7.2 Measurement of Luminous intensity of each of 10 Roadstuds.	Clauses 5.7.2 Measurement of Luminous intensity of each of 10 Roadstuds.
EN1463 test classifications issued on completion of testing to each of the clauses.	Definitions of type by use Permanent (P) or Temporary (T) Reflector type 1,2,or 3 By Design A non depressible or B depressible.	Dimensions Classifications H1+18mm, H2 18-20mm, H3 20-25mm.	Dimensions HD1 in direction of traffic length 250mm width 190mm, HD2 320mm x 230mm.	Dimensions HDT1 in direction of traffic 35mm x 84mm, HDT2 75mm x 90mm.	Classifications PRP0 No performance PRP1 Not less than table 4.	Classifications PRT0 No performance ,PRT1 not les than table 6 ,PRT2 less than 7, OR PRT3 less than 8.	Classifications NCRO No performance or NCR1As table 9.	Classifications DCR0 No performance or DCR1 As Table 10.	Classifications S0,S1,S2,OR S3 Retension of Roadstuds at completion.	Classifications R0,R1,R2,R3,or R4 retension of reflectivity at completion.	Classifications DV0, DV1'or DV2.
UK Traffic Signs and General directions (2002). Required Roadstud classifications taken from EN1463-1-2.	All Roadstuds Product types allowed for use.	Roadstud Dimensions requirement. Height of roadstud above the road surface v Non Depressible.	Temporary Roadstud Requirement Dimensions Horizontal dimensions of roadstud exposed to traffic.	Temporary Roadstud Requirement Dimensions Horizontal dimensions of roadstud exposed to traffic.	Permanent roadstud requirement Nighttime visibility Photometric Requirements.	Temporary roadstud. Requirement Nighttime visibility. Photometric Requirements.	All Roadstuds requirements Colorimetric Requirements.	Temporary roadstud Daytime Visibility Requirements.	EN1463-2 Road trials All Roadstuds. Primary Assessment UK Requirements.	Permanent Roadstuds. Nighttime Visibility Assessment UK Requirements.	Temporary Roadstuds. Nighttime Visibility Assessment UK Requirements.
TSRGD 2002 Minimum LEGAL requirements FOR use in the UK.	**P or T 1, 2, or 3 A or B**	**H1,H2,or H3**	**HD1**	**HDT1**	**PRP1**	**PRT1**	**NCR1**	**DCR1**	**S1**	**R1'R2,R3**	**DV1**
3M 290 Surface Mounted Roadstud.	P3A	H1	HD1	N/A	PRP1	N/A	NCR1	N/A	S1	R1	N/A
3M 590 Depressible Roadstud.	P3B	H1	HD1	N/A	PRP1	N/A	NCR1	N/A	S1	R2	N/A
Roadcraft 301/290 Inset Non Depressible Roadstud.	P3A	H1	HD1	N/A	PRP1	N/A	NCR1	N/A	S1	R1	N/A
Roadcraft 301/190 Non Depressible Inset Roadstud.	P3A	H1	HD1	N/A	PRP1	N/A	NCR1	N/A	S1	R1	N/A
Safemark Temporary Roadstud Self Adhesive Type.	T2A	H1	N/A	HDT1	N/A	HDT1	CNR1	DV1	S1	R2	DV1
Safemark Temporary Roadstud Hot Melt Type.	T3A	H2	N/A	HDT2	N/A	HDT2	CNR1	DV2	S2	R2	DV2
Pedestrian Alumin Crossing Studs Plain or profile tops.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pedestrian Stainless Steel crossing studs. Studs Plain tops.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A