

Tie rods LR Type 65

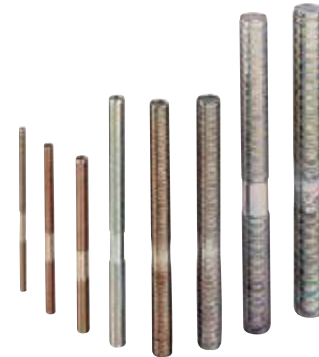
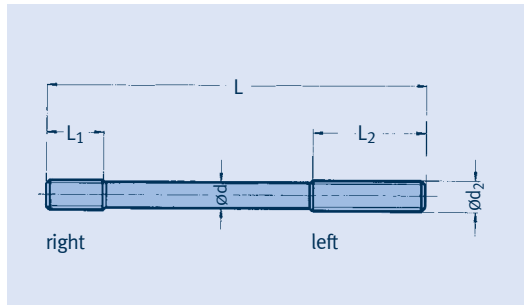
Stud bolts Type 67

Hexagon nuts Type 63

Tie rods left-hand/right-hand type 65 D1 19 to 65 50 13

Material:
M10 to M16: S235JR
from M20: S355J2.

LISEGA threaded rods should only be replaced in kind.



type	ø d	ø d ₂	L	L ₁ right	L ₂ left	weight [kg]
65 D1 19	8.75	M10	250	80	130	0.1
65 21 13	10.74	M12	250	80	130	0.2
65 31 13	14.54	M16	250	80	130	0.3
65 41 13	18.20	M20	250	80	130	0.5
65 51 13	21.85	M24	350	120	190	1.0
65 61 13	27.55	M30	350	120	190	1.6
65 71 13	33.15	M36	350	120	190	2.4
65 81 13	38.91	M42	450	160	220	4.2
65 91 13	44.53	M48	450	160	220	5.5
65 10 13	53.22	M56x4	550	200	270	9.6
65 20 13	61.20	M64x4	550	200	270	12.7
65 30 13	65.20	M68x4	550	200	270	14.4
65 40 13	69.20	M72x4	600	220	300	17.7
65 50 13	77.20	M80x4	600	220	300	22.1

Order details:
tie rod LR
type 65..1.

Hexagon nuts type 63 D9 29 to 63 50 28

Material: grade 8 hexagon nuts DIN EN ISO 4032 as counter nuts for threaded rods M10 – M80x4.



Order details:
hexagon nut
type 63..2.

type	size	weight [kg]
63 D9 29	M10	0.01
63 29 28	M12	0.02
63 39 28	M16	0.03
63 49 28	M20	0.06
63 59 28	M24	0.11
63 69 28	M30	0.22
63 79 28	M36	0.39
63 89 28	M42	0.65
63 99 28	M48	0.98
63 10 28	M56x4	1.40
63 20 28	M64x4	1.90
63 30 28	M68x4	2.25
63 40 28	M72x4	2.60
63 50 28	M80x4	3.40

Stud bolts type 67 D1 19 to 67 91 13

Material:
M10 to M16: S235JR
from M20: S355J2.

LISEGA threaded rods should only be replaced in kind.



Order details:
stud bolts
type 67..1.

type	L	ø d ₂	weight [kg]
67 D1 19	30	M10	0.02
67 21 13	35	M12	0.03
67 31 13	50	M16	0.07
67 41 13	60	M20	0.12
67 51 13	75	M24	0.22
67 61 13	90	M30	0.42
67 71 13	110	M36	0.75
67 81 13	125	M42	1.17
67 91 13	145	M48	1.77