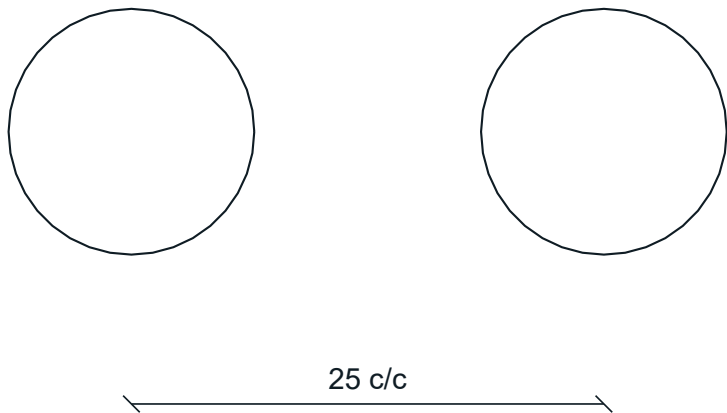


PASSIVE ROAD STUD / ALUMINIUM

TI-D3-AL-R03 / Optical and fixing details

OPTICAL PAIR / 5:2



DIA 13 each; 4 elements total

OPTICAL / HOUSING DIMENSIONS

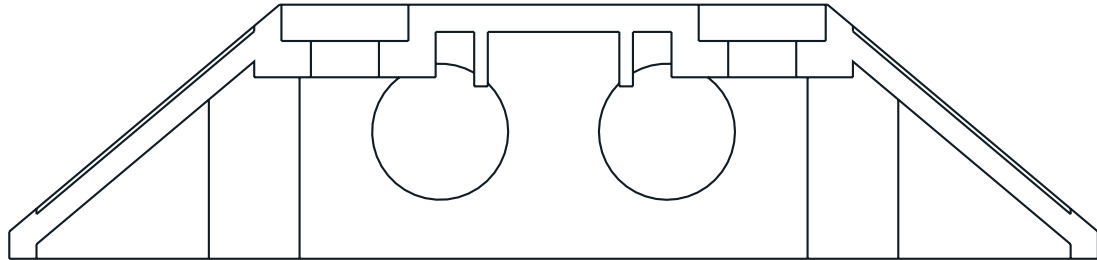
Optical mounting datum Z	14
Optical plane (deg)	90
Optical thickness	1.2
Face inset	0.2
Pocket diameter	13.4
Pocket depth	1.4
Backing diameter	15
Backing depth	3.5
Roof R / X=0, Y=0	3
Roof G / X=28, Y=10	2.4
Rib width / height	1.5 / 6

All linear dimensions in mm. Detail dimensions apply symmetrically.

Optical element seats against pocket backing; radial clearance 0.2.

Two fixing positions. Fixing hardware supplied to project specification.

FIXING SECTION / 6:5



DIA 14 seat / DIA 20 backing boss

Seat depth 4 at centre; boss lower datum below

FIXING / SURFACE DIMENSIONS

Seat dia / centre depth	14 / 4
Boss diameter / bottom Z	20 / 20
Seat floor Z	24.000
Groove width / depth	1.5 / 0.6
Groove pitch	10
Groove X limits	26 to 57
Groove rows Y	-40 to40 / pitch 10
Recess depth	20
Shoulder X datums	+/-35 / +/-25
Ramp upper X datum	+/-30.206



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Optical and fixing details

DRAWING TI-D3-AL-R03	REVISION R03	SCALE As shown	SHEET 3/3
DATE 2026-10-09	UNIT mm	PAPER A3	LANGUAGE EN