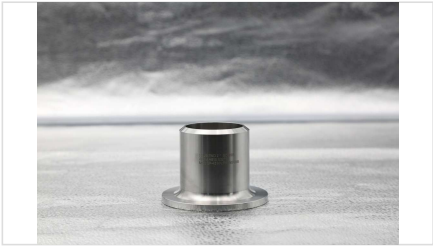
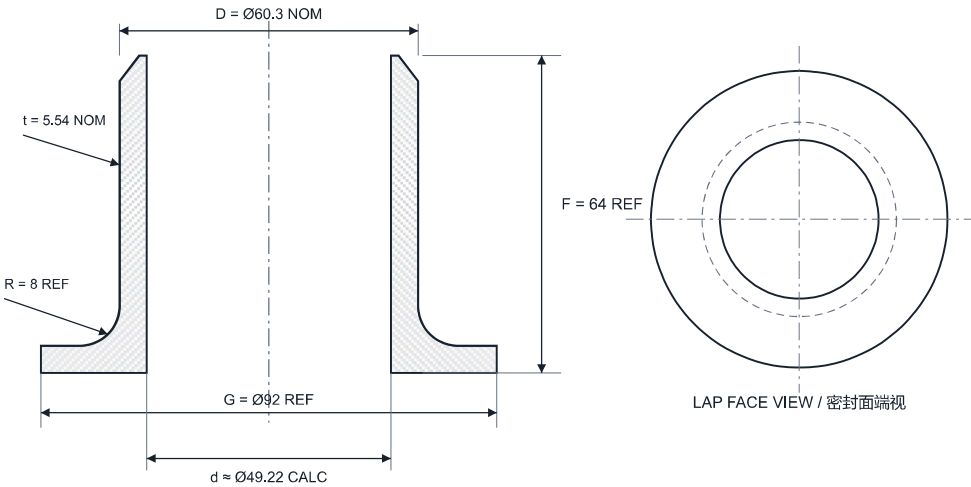


PHOTO REFERENCE / 实物参考



PRODUCT IDENTIFICATION

LAP JOINT STUB END
NPS 2 · SCH80S
ASTM A815 · UNS S32750
Photo marking: MSS SP-43



AXIAL SECTION / 轴向剖视
F, G, R: ASME B16.9 short-pattern reference only

T: lap thickness to be confirmed; B16.9 reference $T \geq 5.54$ mm.
Lap thickness shown schematically; final thickness subject to confirmation.

PRODUCT DIMENSIONS / 产品尺寸

Item	Dimension / specification	Basis / limitation
Product identification	2" / SCH80S / ASTM A815 / S32750 / MSS SP-43	Subject to material certificate
Weld-end OD, D	60.3 mm nominal	Rounded nominal drawing value
Nominal wall, t	5.54 mm	NPS 2 SCH80S; B36.19-2022
Calculated bore, d	49.22 mm ≈ 49.2 mm	$60.3 - 2 \times 5.54$; not an inspection limit
Short-pattern length, F	64 mm REF	B16.9-2024 Table 6.1-9
Lap diameter, G	92 mm REF	B16.9-2024 Table 6.1-9
Fillet radius, R	8 mm REF	B16.9-2024 Table 6.1-9
Lap thickness, T	Confirm actual / reference $T \geq 5.54$ mm	B16.9 Table 6.1-9 Note (2)

TECHNICAL REQUIREMENTS / 技术要求

- Material: ASTM A815 / UNS S32750; grade, manufacturing class and heat number to match the material certificate.
- F, G and R are short-pattern reference dimensions from ASME B16.9-2024, Table 6.1-9. Dimension tolerances to follow the agreed specification.
- Nominal wall thickness: 5.54 mm. Calculated bore diameter is for reference only.
- Lap back face and fillet shall suit the mating lap joint flange. Gasket-face finish to follow the agreed specification.

CUSTOMER TECHNICAL CONFIRMATION / 客户技术确认

- Confirm governing dimensional standard and its edition. Photo marking: MSS SP-43; dimensions shown: ASME B16.9 reference.
- Confirm short pattern $F = 64$ mm or long pattern $F = 152$ mm.
- Confirm actual lap thickness T, mating flange details and gasket-face finish. B16.9 reference: $T \geq 5.54$ mm.
- Confirm welding-end bevel angle, root face, welding procedure and inspection requirements.