

# EN AW-6101

ASTM 6101 · 6xxx · Al-Mg-Si (issiqlik bilan mustahkamlanadigan)

## BELGILANISHLAR

EN AW <b>EN AW-6101</b>	ASTM / US <b>6101</b>	DIAMETRLAR <b>9.5 mm</b>	Σ, MPA <b>150-260</b>
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## QO'LLANISH SOHASI

Shinalar, faqat alyuminiy qotishmasi (AAAC) o'tkazgichlari, o'zini ko'taruvchi izolyatsiyalangan simlar (SIP), himoya troslari.

## AFZALLIKLAR

- Yuqori mexanik mustahkamlik (T6 holatida 260 MPa gacha)
- Issiqlik bilan mustahkamlanadigan qotishma
- Havo liniyalari uchun ideal
- Yuk ostida deformatsiyaga chidamli
- ASTM 6101 standarti

## YETKAZIB BERISH HOLATLARI

HOLAT	DIAMETR, MM	MUSTAHKAMLIK CHEGARASI, MPA	CHO'ZILISH, MIN, %	SOLISHTIRMA QARSHILIK, MAKS, Q·MM <sup>2</sup> /M	O'TKAZUVCHANLIK, MIN, % IACS
<b>T1</b>	9.5	150-180	15	0.03500	49.2
<b>T4</b>	9.5	180-205	8	0.03500	49.2
<b>T6</b>	9.5	220-260	6	0.03600	47.5

## KIMYOVIY TARKIB, %

BELGILANISHLAR	MIN %	MAX %
<b>Si</b>	0.300	0.700
<b>Fe</b>	—	0.500
<b>Cu</b>	—	0.100
<b>Mn</b>	—	0.030
<b>Mg</b>	0.350	0.800
<b>Cr</b>	—	0.030

BELGILANISHLAR	MIN %	MAX %
<b>Zn</b>	—	0.100
<b>B</b>	—	0.060
<b>Al (Al, min)</b>		<b>qoldiq</b>
Boshqa aralashmalar — har biri		≤ 0.03%
Boshqa aralashmalar — jami		≤ 0.10%

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