

# STS-F



## TECHNICAL DATA

Nickel plated brass flat cable gland

Temperature range -40°C to +100°C  
Protection class IP 54

## ■ STRUCTURE

- Material: Brass, nickel plated
- Seal: thermoplastic elastomers (TPE)
- Thrust rings: Galvanised steel
- Thrust washers: Galvanised steel

## ■ APPLICATION

- Machine and plant construction
- Robotics
- Automation technology
- Vehicle construction and shipbuilding
- Railway technology
- Installation technology
- Control cabinet construction

## ■ NOTES

- Protection classification IP 65 with an additional O-ring on the external thread.
- Legend:  
Dimensions  
TD - Thread Diameter  
TL - Thread Length  
SZ - Spanner Size

### metric thread

Part no.	Size	Cable thickness from / to mm	Cable width from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)
94484	M20 x 1.5	1.0 - 5.0	3.0 - 16.0	6.0	24 / 22	50
94485	M25 x 1.5	3.0 - 8.0	9.0 - 20.0	7.0	30 / 28	50
94486	M32 x 1.5	4.0 - 11.0	11.0 - 27.0	8.0	39 / 37	25
94487	M40 x 1.5	4.0 - 11.0	24.0 - 34.0	8.0	50 / 47	10
94488	M50 x 1.5	5.0 - 12.0	29.0 - 44.0	9.0	57 / 54	5
94489	M63 x 1.5	5.0 - 12.0	34.0 - 50.0	10.0	66 / 60	5

### PG thread

Part no.	Size	Cable thickness from / to mm	Cable width from / to mm	Thread length mm	Spanner size mm	Packaging unit (in pc.)
90100	PG 16	1.0 - 5.0	3.0 - 16.0	6.5	24 / 22	50
90101	PG 21	3.0 - 8.0	9.0 - 20.0	7.0	30 / 28	50
90102	PG 29	4.0 - 11.0	11.0 - 27.0	8.0	40 / 37	25
90103	PG 36	4.0 - 11.0	24.0 - 34.0	9.0	50 / 47	20
90104	PG 42	5.0 - 12.0	29.0 - 44.0	10.0	57 / 54	10
90105	PG 48	5.0 - 12.0	34.0 - 50.0	10.0	64 / 60	5