

IIC shields should be chosen depending on their intended application, the yoke, torque limiter, or clutch to be covered, their dimensions, and on normal driveline movements during implement operations and maneuvers.

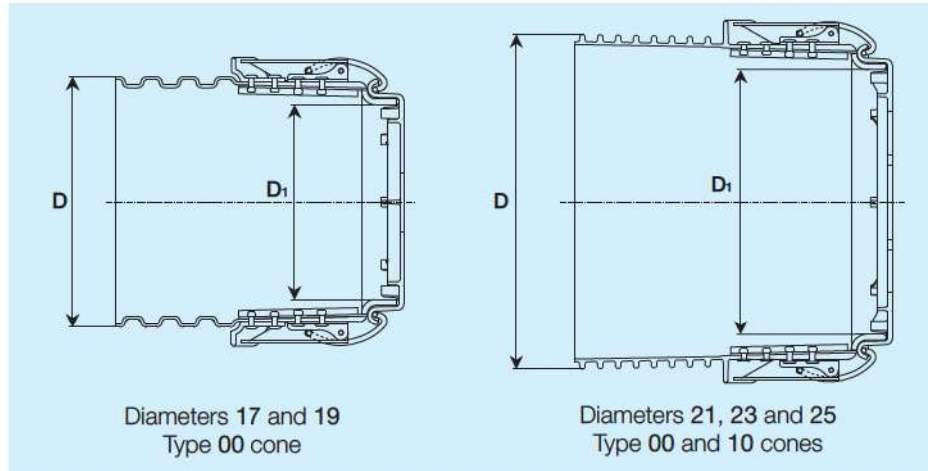
IIC shields, as well as driveline shields, should allow minimal access to revolving parts, but allow unhindered driveline movements.

Standard ISO 5673-1 defines a minimum 150 mm access.

SFT IIC shields are available with two types of shield cones, 00 and 10, which differ in shape, material and diameters.

Type 00 cones come in five different diameters and can be applied to end yokes, overrunning clutches, torsionally resilient joints, ratchet torque limiters, shear bolt torque limiters, and automatic torque limiters.

Type 10 cones come in three diameters and are made of heat-resistant plastic. They are recommended especially for protecting friction torque limiters, which are often used in heavy-duty applications and can reach high working temperatures.



Diameter code	Type 00		Type 10	
	D mm	D ₁ mm	D mm	D ₁ mm
17	170	132	---	---
19	190	152	---	---
21	214	165	214	165
23	235	185	235	185
25	259	207	259	207

Codes for SFT IIC shields

1 2 3
3 9 5

SFT IIC shield

4 5
00 00

IIC shield type

00: for yokes, ratchet torque limiters, shear bolt limiters, automatic limiters
 10: heat-resistant plastic, recommended for friction torque limiters

6 7
23 30

IIC shield diameter

17, 19, 21, 23, 25 for type 00 cones
 21, 23, 25 for type 10 cones

8 9
30 30

IIC Shield length

05, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70,75

10 11
C E

Example: 395 00 23 30 CE

is the code for ordering a SFT IIC Shield with 00 cone, diameter D = 230 mm (code 23), length L = 185 mm (code 30), with an instruction sheet valid for all countries of destination.

Bondioli & Pavesi offers a wide range of shields for PTO's, specifically designed for drivelines and fully compliant with international standards.

Due to the broad range of implements and applications, the specifications contained herein should be used as a general guide to the selection of an implement input connection shield.

The implement manufacturer is responsible for selecting suitable IIC shielding according to the application, the size and the articulation range of the driveline, the standards applicable for the country of destination.

Thorough testing of the IIC shield by the implement manufacturer under actual field conditions is necessary and strongly recommended by Bondioli & Pavesi.

All rotating parts must be guarded. The shields on the tractor and on the implement machine must form an integrated guarding system with the driveline guard.