

DOUBLE LOOP COUPLING A4 FDA COMPLIANT PLASTIC DKPSF4848



Screw hubs made of stainless steel 1.4404

The stainless steel hubs and FDA-compliant plastic are ideal for use in medical technology and the food industry. The open design enables hygienic cleaning of this coupling.

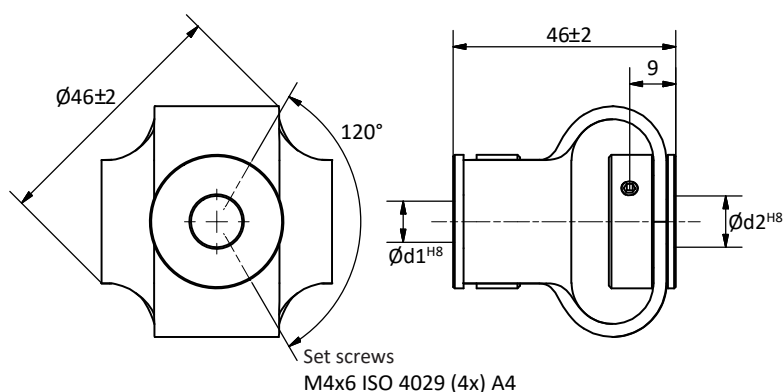
Technical data		DKPSF4848
Max. speed	min ⁻¹	3000
Max. torque	Nm	2
Max. offset off shafts		
radial	mm	± 3
axial	mm	± 4
angular	Grad	± 12
Torsion spring stiffness	Nm/rad	28
Radial spring stiffness	N/mm	7
moment of inertia	gcm ²	106
Max. M / clamping torque	Ncm	180
Temperature range	°C	-30/ +80
Weight appr.	g	90
Material	flange	stainless steel 1.4404
Material connecting element		FDA standard plastic

REACH/ RoHS compliant

M = tightening torque of the set screws

These couplings are thermal and electrically insulating, maintenance-free due to the absence of moving parts and have smooth running properties. They have a shock and vibration damping effect and offer very good compensation for radial, angular and lateral misalignments. With an average torsion spring stiffness of 28NM/rad, they also have low restoring forces.

DKPSF4848



Bore combinations DKPSF4848			
d1 / d2	10	12	14
10	X	X	X
12		X	X
14			X
Example DKPSF4848 12/14			

Other bore combinations are available on request.