



## Flexible couplings ...

... FORM-FITTING AND ELASTIC.

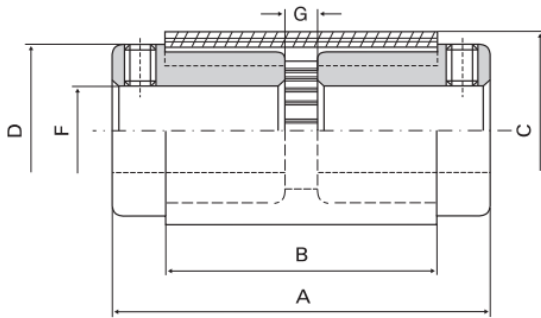
PowerGrip® couplings are positive-locking flexible compensating couplings. The compact, closed design offers maximum operational reliability and service life with completely maintenance-free continuous use. The couplings are used in equipment and mechanical engineering, especially where reliable power transmission is required even with shaft misalignments and reversing operation.





## Selection and sizing

The basis for selecting the clutch is the nominal power or nominal torque to be transmitted. The nominal value fluctuates depending on how the machines work. This must be taken into account with the service factor. The nominal torque must be multiplied by the service factor in order to obtain the calculation power (calculation torque) that is decisive for the coupling selection.



### ■ Remark

SP = Polvurethane sleeve

SF = Neoprene cuff

\* = Maximum bore without keyway

### ■ Dimension table: Subject to dimensional changes

Designation	Material	A	B	C	D	F		G	Thread
						Pre-drilling	Max. Bore		
PG11 SP	Steel	24,7	13,5	18,5	17,5	3	9*	0,8	M 3
PG21 SP		55,5	39,7	28,6	28,6	undrilled	13*	1,6	M 5
PG33 SP, PG33 SF	Aluminum	58,7	39,7	38,1	36,5	7	18*	1,6	M 6
PG43 SP, PG43 SF		58,7	39,7	44,5	44,5	7	22	1,6	M 6
PG56 SF	Aluminum	61,9	39,7	58,7	52,4	undrilled	28	1,6	M 8
PG66 SF		69,1	40,5	74,6	69,9		38	2,4	M 8
PG76 SF	Steel	87,4	54	88,9	82,6	19	42	3,2	M 10
PG86 SF		87,4	54	103,2	95,3	21	48	3,2	M 10

### ■ Typ SF

Clutch size	PG11	PG21	PG33	PG43	PG56	PG66	PG76	PG86
Max. Torque (Nm)	0,33	1,4	3,0	8,0	30	40	120	160

### ■ Typ SP

25% less torque