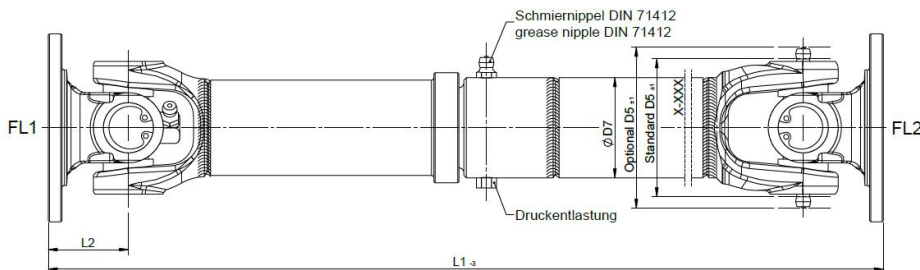


## Eckdaten *basic data*

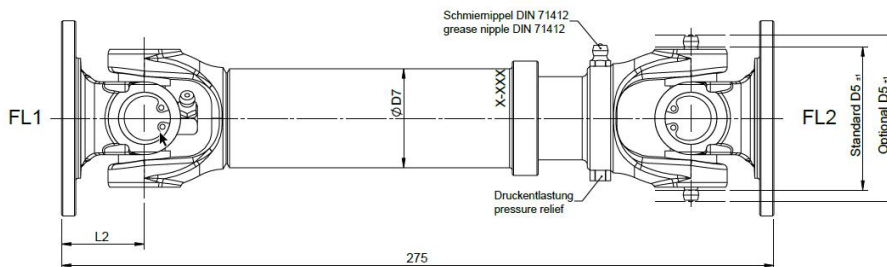
Maximaldrehmoment <i>Maximum torque</i> (M <sub>dmax</sub> ) (M <sub>tmax</sub> )	<b>450 Nm</b>	Dauerwechsel Drehmoment <i>Alternating torque</i>	<b>260 Nm</b>
Grenzdrehmoment <i>Limit torque</i>	<b>650 Nm</b>	Drehzahl <i>Revolution</i>	<b>1 – 5000 U/min (rpm)</b>
Betriebstemperatur <i>Operational temperature</i>	Standard: <b>-30°C - +120°C</b> Optional: auf Anfrage	Rohr Verdrehsteifigkeit <i>Tube torsional stiffness</i>	C <sub>t</sub> Standard: <b>10.8 kNm/rad per m</b> Optional: <b>18.2 kNm/rad per m</b>
Rotationsdurchmesser <i>Diameter of rotation</i>	Standard: <b>Ø 59 mm (D5)</b> Optional: <b>Ø 70 mm (D5)</b>	Rohr Massenträgheit <i>Tube inertia moment</i>	J <sub>t</sub> Standard: <b>0.00068 kgm<sup>2</sup> per m</b> Optional: <b>0.00192 kgm<sup>2</sup> per m</b>
Rohrdurchmesser <i>Tube diameter</i>	Standard: <b>Ø 40x2 mm (D7)</b> Optional: <b>Ø 50x3 mm * (D7)</b>	Rohrgewicht <i>Tube weight</i>	m <sub>t</sub> Standard: <b>1.9 kg per m</b> Optional: <b>3.5 kg per m</b>

\* =Alle anderen Rohrdurchmesser auf Anfrage

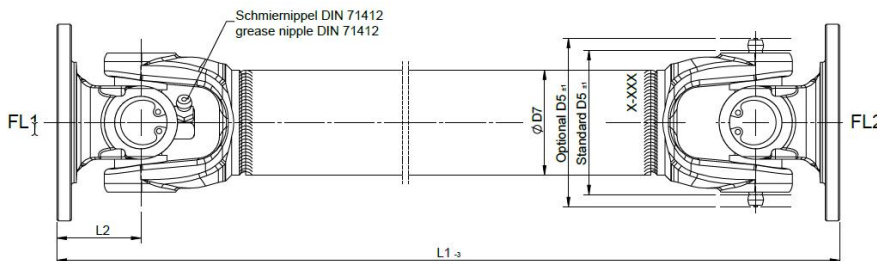
\*=all other tube diameter on request



<b>GW</b>	<b>500-009</b> <b>511-009</b>
L1	305–6300 mm
LA	80 - 600 mm
Gewicht <i>Weight</i>	m <sub>b</sub> <b>2.6 kg</b>
Massenträgheit <i>Inertia moment</i>	J <sub>b</sub> <b>0.00089 kgm<sup>2</sup></b>
Verdrehsteifigkeit <i>Torsional stiffness</i>	C <sub>b</sub> <b>14 kNm/rad</b>

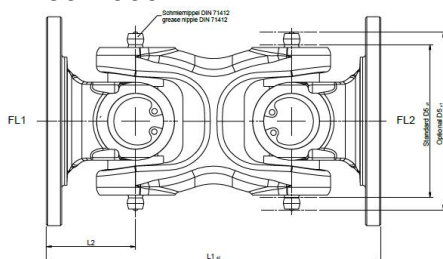


<b>GW</b>	<b>513-009</b>
L1	180–275 mm
LA	20-80 mm
Gewicht <i>Weight</i>	m <sub>b</sub> <b>1.7 kg</b>
Massenträgheit <i>Inertia moment</i>	J <sub>b</sub> <b>0.00045 kgm<sup>2</sup></b>
Verdrehsteifigkeit <i>Torsional stiffness</i>	C <sub>b</sub> <b>16 kNm/rad</b>

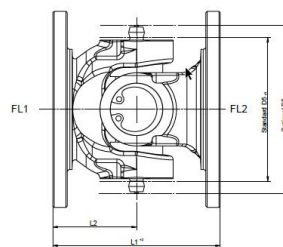


<b>GW</b>	<b>505-009</b>
L1	170–6200 mm
Gewicht <i>Weight</i>	m <sub>b</sub> <b>1.8 kg</b>
Massenträgheit <i>Inertia moment</i>	J <sub>b</sub> <b>0.00065 kgm<sup>2</sup></b>
Verdrehsteifigkeit <i>Torsional stiffness</i>	C <sub>b</sub> <b>20 kNm/rad</b>

### 507-009



### 506-009

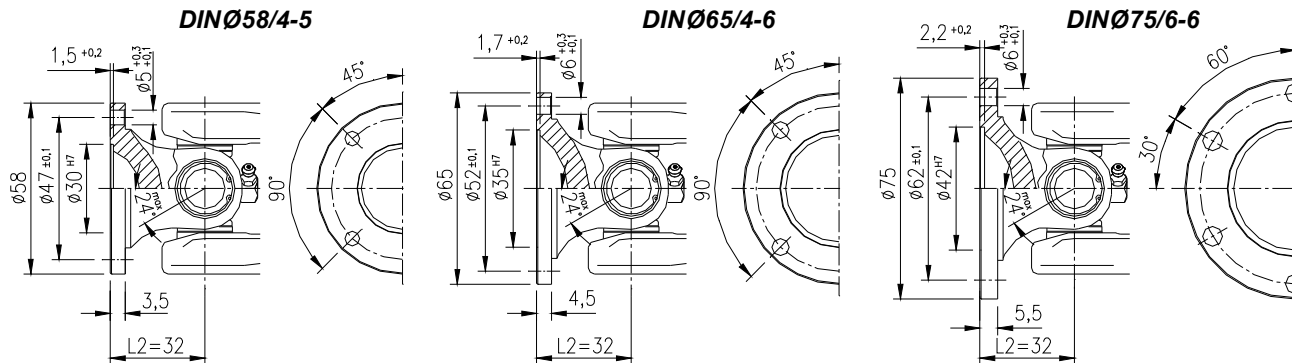


<b>GW</b>	<b>507-009</b>	<b>506-009</b>
L1	120 mm *	64 mm
Gewicht <i>Weight</i>	m <sub>b</sub> <b>1.2 kg</b>	<b>0.6 kg</b>
Massenträgheit <i>Inertia moment</i>	J <sub>b</sub> <b>0.00032 kgm<sup>2</sup></b>	<b>0.00021 kgm<sup>2</sup></b>
Verdrehsteifigkeit <i>Torsional stiffness</i>	C <sub>b</sub> <b>28 kNm/rad</b>	<b>52 kNm/rad</b>

\* =andere Längen auf Anfrage \* =other lengths on request

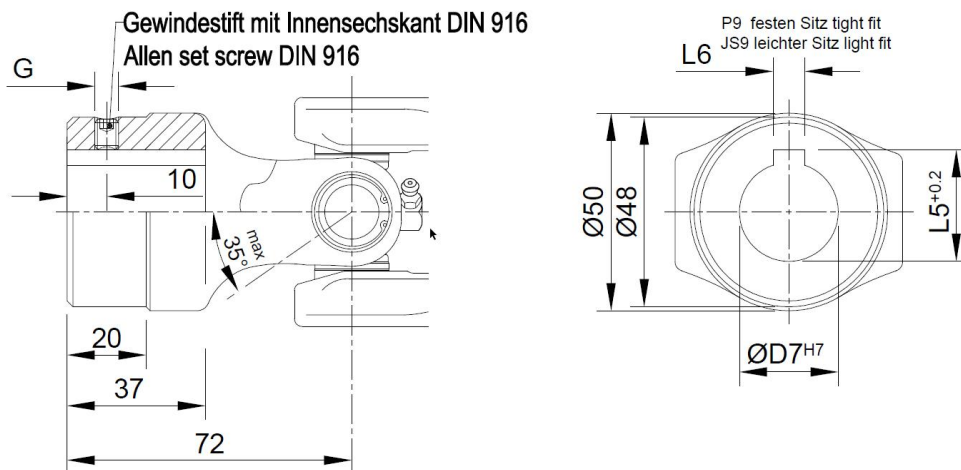


## Flansche Flanges



Extra Daten data		DIN Ø58	DIN Ø65	DIN Ø75
Gewicht weight	$m_f$	- 0.03 kg	0 kg	+0.04 kg
Massenträgheit inertia moment	$J_f$	- 0.000022 kgm <sup>2</sup>	0 kgm <sup>2</sup>	+0.000035 kgm <sup>2</sup>
Verdrehsteifigkeit torsional stiffness	$C_f$	+3.8 kNm/rad	0 kNm/rad	-4.1 kNm/rad

## Naben Sleeves



Auf Wunsch jede andere Passung als H7 für D7.  
Nabe mit Passfeder gemäß DIN 6885

All other fits as H7 for D7 on request  
sleeve with key according DIN 6885

D7	L6	L5	G	D7	L6	L5	G	D7	L6	L5	G
10	3	11,4	M3x3mm	20	6	22,8	M5x5mm	30	8	33,3	M6x6mm
11	4	12,8	M3x3mm	21	6	23,8	M5x5mm	31	10	34,3	M8x8mm
12	4	13,8	M3x3mm	22	6	24,8	M5x5mm	32	10	35,3	M8x8mm
13	5	15,3	M4x4mm	23	8	26,3	M6x6mm	33	10	36,3	M8x8mm
14	5	16,3	M4x4mm	24	8	27,3	M6x6mm	34	10	37,3	M8x8mm*
15	5	17,3	M4x4mm	25	8	28,3	M6x6mm	35	10	38,3	M8x8mm*
16	5	18,3	M4x4mm	26	8	29,3	M6x6mm	36	10	39,3	M8x8mm*
17	5	19,3	M4x4mm	27	8	30,3	M6x6mm	37	10	40,3	M6x6mm*
18	6	20,8	M5x5mm	28	8	31,3	M6x6mm	38	10	41,3	M6x6mm*
19	6	21,8	M5x5mm	29	8	32,3	M6x6mm	39	12	42,3	M6x6mm*

\* = Gewindestift dem Nut gegenüber liegend

\* = set screw opposite the key way