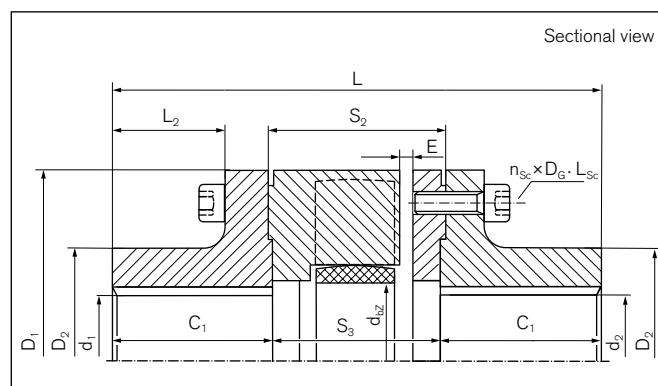


TSCHAN® Elastomer Coupling

Type **SDD-5**

Coupling with detachable claw rings



Dimensions / Technical data

T_{KN}	=	Nom. transmissible torque	D₂	=	Outer diameter hub	E	=	Gap width between left and right component
T_{Kmax}	=	Max. transmissible torque of the coupling	C₁	=	Guided length in hub bore	dbz	=	Inner diameter elastomeric spider
n_{max}	=	Max. rotation speed	L	=	Total length	n_{Sc}	=	Quantity of screws
d_{1f max}	=	Max. bore diameter d ₁ with keyway acc. to ANSI B17.1	L₂	=	Length on the hub	D_G	=	Thread
d_{2f max}	=	Max. bore diameter d ₂ with keyway acc. to ANSI B17.1	S₂	=	Distance between the shaft ends	L_{Sc}	=	Screw length
D₁	=	Outer diameter hub	F_{S2}	=	Tolerance of distance between the two hubs	F_{Sc}	=	Screw strength class
			S₃	=	Distance inside between the hubs	T_A	=	Max. tightened torque of the clamping screws
						Gw_{ub}	=	Weight, unbored

Identifier	Size	T _{KN}	T _{Kmax}	n _{max}	d _{1f max}	d _{2f max}	D ₁	D ₂	C ₁	L	L ₂
		Nm	Nm	1/min	mm	mm	mm	mm	mm	mm	mm
WS0710	100	130	390	7250	45	45	105	65	49	150	37,5
WS0712	125	250	750	6000	55	55	126	80	56	170	42,5
WS0714	145	400	1200	5250	65	65	145	92	60,5	189	44
WS0717	170	630	1900	4500	75	75	170	110	74,5	217	58
WS0720	200	1100	3300	3750	95	95	200	135	98,5	274	82
WS0723	230	1700	5150	3250	110	110	230	160	110	301	90
WS0726	260	2650	7950	3000	125	125	260	180	112,5	321	88
WS0730	300	3900	11700	2500	140	140	300	200	131,5	376	105
WS0736	360	6500	19500	2150	160	160	360	225	172	469	142,5
WS0740	400	8900	26700	1900	160	160	400	225	172	469	142,5

To continue see next page

TSCHAN® Elastomer Coupling

Type **SDD-5**

Identifier	Size	S ₂	F _{S2}	S ₃	E	d _{bZ}	Screws ISO 4762 - 8.8				G _{wub}
							n _{Sc}	D _G	L _{Sc}	T _A	
		mm	mm	mm	mm	mm	pcs.	mm	mm	Nm	kg
WS0710	100	55	+ 2,0	52	5	42	9	M8	20	25	5,3
WS0712	125	61	+ 2,5	58	5	54	9	M10	25	49	8,8
WS0714	145	71	+ 2,5	68	5	66	9	M12	30	85	13,3
WS0717	170	71	+ 3,0	68	5	90	12	M12	30	85	19,9
WS0720	200	81	+ 3,0	77	6	100	12	M14	30	135	35,3
WS0723	230	86	+ 3,5	81	7	115	15	M14	35	135	52,5
WS0726	260	101	+ 4,0	96	8	150	15	M16	40	210	71,5
WS0730	300	118	+ 4,0	113	8	162	15	M20	50	425	109,0
WS0736	360	130	+ 4,0	125	8	215	12	M24	55	730	179,8
WS0740	400	130	+ 4,0	125	8	250	14	M24	55	730	197,7

Ordering example: TSCHAN® SDD-5

Identifier	Size	d _{1f}	d _{2f}	Further details*)
WS0723	230	75	75	*

^{*)} Without any other specification, we deliver as a standard: with set screws and keyway acc. to DIN 6885-1, keyway side fit P9, bore tolerance H7