






Technical data

High degree of precision
Not easily soiled and free from wear and tear.

For greatest tangential moments
via 60° angle of pressure.

Description of type					 Ball coupling		 Hirth coupling	
	Diameter	Max. load in kg	Driving torque	Locking force	Permissible tangential moment	Permissible tilt moment	Permissible tangential moment	Permissible tilt moment
	[mm]	[kg]	[Nm]	[N]	[Nm]	[Nm]	[Nm]	[Nm]
RST 10 PPX	100/160	15	7	800	43	33		
RST 10 PHX	100/160	15	7	800	43	33		
NST 10 PPX	100	15	7	800	43	33		
NST 10 PHX	100	15	7	800	43	33		
RST 20 PHI	160/200	50	21	3250	228	186	610	226
RST 30 PHI	250/320	150	37	7870	849	733	2077	801
RST 40 PHI	400/630	450	92	17720	3334	2991	8098	3235
RST 20 PEX	160/200	75	21	3250	228	186	610	226
RST 30 PEX	250/320	150	37	7870	849	733	2077	801
RST 40 PEX	400/630	450	92	17720	3334	2991	8098	3235
RST 50 PEX	630/800	1500	240	44200	11640	10709	26997	11018
RST 20 HEX	160/200	120	69	5120	471	384	1262	468
RST 30 HEX	250/320	400	124	9500	1002	865	2452	946
RST 40 HEX	400/630	1000	306	34840	5722	5133	13896	5551
RST 50 HEX	630/800	2500	790	52760	13905	12792	32250	13162
RST 60 HEX	800/1000	5000	2010	120000	39592	36722	92043	37866
RST 70 HEX	1000/1250	5000	2010	120000			130335	54120
RST 20 HNC	160/200	75	21	3250			1262	468
RST 30 HNC	250/320	150	37	7870			2452	946
RST 40 HNC	400/630	400	92	17720			13896	5551
RST 50 HNC	630/800	1500	240	44200			32250	13162
MST 20 EMS	200	100	21	5400	558	481		
MST 35 EMS	400/630	250	37	8100			1235	1102
MST 40 EMS	630/800	1000	92	19700			4905	4501
								
MRT 20 EMZ	160	60	69		*100	*700		
MRT 28 EMZ	320	150	124		*200	*2500		
MRT 30 EMZ	320	200	300		*300	*2500		
MRT 40 EMZ	500	500	800		*850	*5000		
								
HST 40	400	700	21	40000			19832	7921

*Locking via guide rollers