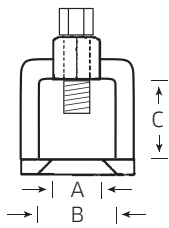


11041 Ball joint separators

- zinc plated
- for forcing out ball pins on vehicles



Code	size	A mm	B mm	C mm	Max. torque in N·m	⚖ g	
71230011	1	18	37	37	50	285	1
71230012	2	23	45	45	120	476	1
71230013	3	29	55	60	160	910	1
71230014	4	39	70	80	280	2024	1

size 1 for passenger vehicles
size 2 for passenger vehicles and vans
size 3 + 4 for trucks

SP Spindles

Code	No	for puller No	⚖ g	
79281011	SP 11040-1	11040-1; 11042-1	108	1
79281111	SP 11040-2	11040-2; 11042-2	1	1
79281012	SP 11040-3	11040-3; 11042-3	66	1
79281019	SP 11041-1	11041-1	74	1
79281020	SP 11041-2	11041-2	94	1
79281021	SP 11041-3	11041-3	360	1
79281022	SP 11041-4	11041-4	231	1
79281013	SP 11050-1	11050-1, -2; 11051-1, -2; 11056; 12150-1, 12152-1, 12614-0, -1	171	1
79281014	SP 11050-3	11050-3, -4; 11051-3, -4; 12614-2	590	1
79281015	SP 11050-5	11050-5, -6	1235	1
79281023	SP 11053-1	11053-1, -2; 11054-1, -2; 12614-3	876	1
79281016	SP 11055-1	11055-1	177	1
79281017	SP 11055-2	11055-2	176	1
79281018	SP 11055-3	11055-3	592	1
79281034	SP 12150-2	12150-2; 12152-2	440	1

12616 Universal ball joint separator

- zinc plated
- DIN/ISO 7803
- for extracting ball-joints on cars and light delivery vans



Code	Fork opening mm	Clear height mm	Max. loading in t	Max. torque in N·m	⚖ g	
71050010	18-22	20-50	3.5	70	611	1

12623 Ball joint separator

- zinc plated
- for extracting ball-joints especially on BMW, Fiat, Ford, Mercedes-Benz, Nissan, Opel, Toyota, VW/Audi and Volvo cars



Code	Fork opening mm	Clear height mm	Max. loading in t	Max. torque in N·m	⚖ g	
71050011	20	12-50	3.5	40	1284	1

12623-1 Ball joint separator

- zinc plated
- for vehicles with aluminium chassis
- for extracting ball-joints, especially on Audi A6 and A8 after model year 1999 and for other vehicles with limited work space



Code	Fork opening mm	Clear height mm	Max. loading in t	Max. torque in N·m	⚖ g	
71050012	24	60-80	3.5	40	1577	1

12623-3 Ball joint separator

- zinc plated
- on heavy goods vehicles, buses and construction site vehicles



Code	Fork opening mm	Clear height mm	Max. loading in t	Max. torque in N·m	⚖ g	
71050014	35-45	115	20	200	2900	1

12623-4 Ball joint separator

- zinc plated
- on medium-sized and heavy HGV's, buses and construction site and other special vehicles



Code	Fork opening mm	Clear height mm	Max. loading in t	Max. torque in N·m	⚖ g	
71050015	27-36	90	10	100	2790	1