

RAMPA Collars type US
are used in combination with countersunk screwheads (e.g. DIN 7991) to prevent them from pressing into the workpiece.

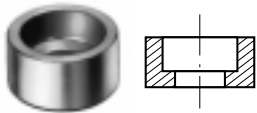
RAMPA Collars type UZ
are used in combination with cylindrical screwheads (DIN 7984 and DIN 912) to prevent them from pressing into the workpiece.

RAMPA Corrugated Pins with Sockets type BZ
are glued into pre-drilled holes and used to position two opposing parts.

Maryland Metrics
<http://mdmetric.com>



RAMPA Collars type US



RAMPA Collars type UZ



RAMPA Corrugated Pins with Sockets type BZ

XXX = available from stock

Type US Article No.	External Ø	Height	for	Kilos per 1000	Steel black coloured ¹⁾	Steel zinc plated ²⁾	Steel yellow zinc plated ³⁾	Steel black zinc plated ⁴⁾	Steel nickel plated ⁵⁾
050 645 ...	13	4,5	M 6	2,3	XXX	XXX	XXX		XXX
050 646 ...	16	3,3	M 6	3,1	XXX	XXX	XXX	XXX	XXX
050 670 ...	20	4,5	M 6	8,5	XXX	XXX			
050 860 ...	17	6	M 8	6,5	XXX	XXX			

Please complete in order

- ¹⁾ 006 for steel black coloured
- ²⁾ 001 for steel zinc plated
- ³⁾ 002 for steel yellow zinc plated
- ⁴⁾ 008 for steel black zinc plated
- ⁵⁾ 003 for steel nickel plated

XXX = available from stock

Type UZ Article No.	External Ø	Height	for DIN Screws	Kilos per 1000	Steel black coloured ¹⁾	Steel zinc plated ²⁾
051 660 ...	13	6	7984	3,1	XXX	XXX
051 680 ...	13	8	912	3,9	XXX	XXX

Please complete in order

- ¹⁾ 006 for steel black coloured
- ²⁾ 001 for steel zinc plated

XXX = available from stock

Type BZ Article No.	External Ø	Length	Tenon Ø	Tenon Length	Kilos per 1000	Brass plain	Steel nickel plated
054 818 01	Pin	8	18	6 x 7	6,0	XXX	XXX
054 811 01	Socket	8	11		2,5	XXX	XXX
054 920 003	Pin	10	20	6,9 x 9	8,8	XXX	XXX
054 911 003	Socket	10	11		3,0	XXX	XXX