

## Quick-release Couplings USA System

**Fields of Usage:** It is used in cooling systems of plastic, zinc - aluminium diecasting moulds and steam lines - hot oil circuits, water, washing & cooling systems of machines.

**Material Info:**

**Body & Cover Valve** = Brass / **O-Ring** = Viton

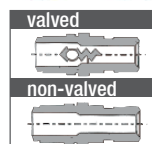
**Spring - Ring & Ball** = Stainless / **Coupling Fitting** = Brass

**Operating Pressure** = 0 - 15 bar / **Flow Capacity** = 9 mm

**Operating Temperature** = -5 / +180°



Series: 509



**Valved:** Controlled water flow is provided.

When fitting is removed, water flow is closed in coupling.

**Non-valved:** When fitting is removed, open circuit.

**Quick-release Coupling USA**

Code: **509HG** (non-valved)  
Code: **509HGB** (valved)

Order Example	d	d1	d2	d3	l	l1
Code x 10	10	8	23	13	68	29
Code x 11	11	9				
Code x 13	13	10				

**Male Fitting USA**

Code: **509ER**

Order Code	d	d3	l1	lMax	l
509ER.10	1/8"	26	25	26	30
509ER.13	1/4"	30	25	22	33
509ER.17	3/8"	30	26	22	33
509ER.21	1/2"	32	26	26	37
509ER.M14	M.14x1.5	28	25	26	33

**Quick-release Coupling USA**

Code: **509FG** (non-valved)  
Code: **509FGB** (valved)

Order Example	d	d1	d2	d3	l	l1
Code x 10	10	8	23	13	68	29
Code x 13	13	10				

**Male Fitting USA Long Type**

Code: **509ER**

Order Code	d	d1	d2	d3	l	SW
509ER.100	M14 x1.5	14	13	9	100	15
509ER.150					150	
509ER.200					200	
509ER.250					250	
509ER.300					300	

**Note:** Our custom-made production is available as per request.

**Quick-release Coupling 90° / USA**

Code: **509LG** (non-valved)  
Code: **509LGB** (valved)

Order Example	d	d1	d2	d3	l	l1
Code x 10	10	8	23	13	39	29
Code x 11	11	9				
Code x 13	13	10				

**Extension Fitting USA (non-threaded)**

Code: **509BN**

Order Code	d	d1	d2	l	l1	SW
509BN.100	∅ 14	9	13	100	23	15
509BN.150				150		
509BN.200				200		
509BN.250				250		
509BN.300				300		

**Quick-release Coupling - Male / USA**

Code: **509EG** (non-valved)  
Code: **509EGB** (valved)

Order Example	d	d1	d2	l	l1	SW
Code x 13	BSP 1/4"	23	13	59	9	17
Code x 16	M16x1.5					17
Code x 17	BSP 3/8"					19
Code x 18	M18x1.5					19
Code x 21	BSP 1/2"					24

**Extension Adjustable Fitting USA**

Code: **509BL**

Order Code	d	d1	d2	l	l1	SW
509BL.13	BSPT 1/4"	9	13	100	40	14
509BL.17	BSPT 3/8"					17
509BL.M10	M10 x 1					14
509BL.M14	M14 x 1.5					14
509BL.M16	M16 x 1.5					17

**Quick-release Coupling - Female / USA**

Code: **509DG** (non-valved)  
Code: **509DGB** (valved)

Order Example	d	d1	d2	l	SW
Code x 13	BSP 1/4"	23	13	52	17
Code x 17	BSP 3/8"				21
Code x 21	BSP 1/2"				24

**Diverting Coupling Bridge USA**

Code: **509KG** (non-valved)  
Code: **509KGB** (valved)

Order Example	d	d1	d2	l	l1
Code x 125	13	23	8x1	41	125
Code x 250					250
Code x 500					500