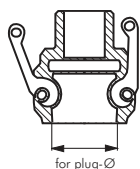


# Kamlock couplings



## Quick couplings

**MIL-C-27487**

Temperature range: -10°C to max. +80°C

- Advantages:**
- Full throughway
  - Low pressure loss
  - Also suitable for solid materials, as there are no int. valves
  - Dimensions globally standardised according to MIL-C-27487

Materials:

Body	Seal	Handles	Rings, safety pins, chains
Stainless steel AISI 316	NBR	Stainless steel	Stainless steel
Polypropylene	EPDM*	Stainless steel	Stainless steel
Brass	NBR	Brass	Stainless steel
Aluminium	NBR	Stainless steel	Zinc-plated steel

\* 1/4" (plug Ø 45 mm): NBR

Operating pressure:

	1/2"	3/4" - 2"	2 1/2"	3"	4"	5" - 6"
Stainless steel AISI 316	11 bar	18 bar	16 bar	14 bar	7 bar	7 bar
Polypropylene (+40°C)	---	6 bar	6 bar	6 bar	6 bar	---
Brass & aluminium	11 bar	18 bar	11 bar	9 bar	7 bar	5 bar

## Quick coupling sockets with male threads

**Type B**

Type AISI 316	Type polypropylene <sup>1)</sup>	Type brass	Type aluminium	Thread	DN	For plug Ø
KLDG 12 ES <sup>4)</sup>	---	KLDG 12 MS <sup>3)</sup>	---	R 1/2"	15 (1/2")	25
KLDG 34 ES	KLDG 34 PP	KLDG 34 MS	KLDG 34 A	R 3/4"	20 (3/4")	32
KLDG 10 ES	KLDG 10 PP	KLDG 10 MS	KLDG 10 A	R 1"	25 (1")	37
KLDG 114 ES	KLDG 114 PP <sup>4)</sup>	KLDG 114 MS	KLDG 114 A	R 1 1/4"	32 (1 1/4")	45
---	KLDG 114 PP B <sup>2)</sup>	---	---	R 1 1/4"	40 (1 1/2")	53
KLDG 112 ES	KLDG 112 PP	KLDG 112 MS	KLDG 112 A	R 1 1/2"	40 (1 1/2")	53
KLDG 20 ES	KLDG 20 PP	KLDG 20 MS	KLDG 20 A	R 2"	50 (2")	63
KLDG 212 ES	---	KLDG 212 MS	KLDG 212 A	R 2 1/2"	60 (2 1/2")	76
KLDG 30 ES	KLDG 30 PP	KLDG 30 MS	KLDG 30 A	R 3"	75 (3")	92
KLDG 40 ES	KLDG 40 PP <sup>3)</sup>	KLDG 40 MS	KLDG 40 A	R 4"	90 (4")	120
KLDG 50 ES	---	KLDG 50 MS	KLDG 50 A	R 5"	120 (5")	145
KLDG 60 ES	---	KLDG 60 MS	KLDG 60 A	R 6"	140 (6")	175

## Quick coupling sockets with female threads

**Type D**

Type AISI 316	Type polypropylene <sup>1)</sup>	Type brass	Type aluminium	Thread	DN	For plug Ø
KLDGi 12 ES <sup>4)</sup>	---	KLDGi 12 MS <sup>3)</sup>	---	Rp 1/2"	15 (1/2")	25
KLDGi 34 ES	KLDGi 34 PP	KLDGi 34 MS	KLDGi 34 A	Rp 3/4"	20 (3/4")	32
KLDGi 10 ES	KLDGi 10 PP	KLDGi 10 MS	KLDGi 10 A	Rp 1"	25 (1")	37
KLDGi 114 ES	KLDGi 114 PP <sup>4)</sup>	KLDGi 114 MS	KLDGi 114 A	Rp 1 1/4"	32 (1 1/4")	45
---	KLDGi 114 PP B <sup>2)</sup>	---	---	Rp 1 1/4"	40 (1 1/2")	53
KLDGi 112 ES	KLDGi 112 PP	KLDGi 112 MS	KLDGi 112 A	Rp 1 1/2"	40 (1 1/2")	53
KLDGi 20 ES	KLDGi 20 PP	KLDGi 20 MS	KLDGi 20 A	Rp 2"	50 (2")	63
KLDGi 212 ES	---	KLDGi 212 MS	KLDGi 212 A	Rp 2 1/2"	60 (2 1/2")	76
KLDGi 30 ES	KLDGi 30 PP	KLDGi 30 MS	KLDGi 30 A	Rp 3"	75 (3")	92
KLDGi 40 ES	KLDGi 40 PP <sup>3)</sup>	KLDGi 40 MS	KLDGi 40 A	Rp 4"	90 (4")	120
KLDGi 50 ES	---	KLDGi 50 MS	KLDGi 50 A	Rp 5"	120 (5")	145
KLDGi 60 ES	---	KLDGi 60 MS	KLDGi 60 A	Rp 6"	140 (6")	175

## Quick coupling sockets with hose nozzles

**Type C**

Type AISI 316	Type polypropylene <sup>1)</sup>	Type brass	Type aluminium	Hose Ø internal	DN	For plug Ø
KLDS 13 ES <sup>4)</sup>	---	KLDS 13 MS <sup>3)</sup>	---	13	15 (1/2")	25
KLDS 19 ES	KLDS 19 PP	KLDS 19 MS	KLDS 19 A	19	20 (3/4")	32
KLDS 25 ES	KLDS 25 PP	KLDS 25 MS	KLDS 25 A	25	25 (1")	37
KLDS 32 ES	KLDS 32 PP <sup>4)</sup>	KLDS 32 MS	KLDS 32 A	32	32 (1 1/4")	45
---	KLDS 32 PP B <sup>2)</sup>	---	---	32	40 (1 1/2")	53
KLDS 38 ES	KLDS 38 PP	KLDS 38 MS	KLDS 38 A	38	40 (1 1/2")	53
KLDS 50 ES	KLDS 50 PP	KLDS 50 MS	KLDS 50 A	50	50 (2")	63
KLDS 63 ES	---	KLDS 63 MS	KLDS 63 A	63	60 (2 1/2")	76
KLDS 75 ES	KLDS 75 PP	KLDS 75 MS	KLDS 75 A	75	75 (3")	92
KLDS 100 ES	KLDS 100 PP <sup>3)</sup>	KLDS 100 MS	KLDS 100 A	100	90 (4")	120
KLDS 125 ES	---	KLDS 125 MS	KLDS 125 A	127	120 (5")	145
KLDS 150 ES	---	KLDS 150 MS	KLDS 150 A	150	140 (6")	175

## End caps for quick action chucks

**Type DC**

Type AISI 316	Type polypropylene <sup>1)</sup>	Type brass	Type aluminium	Size	DN	For plug Ø
KLDV 12 ES <sup>4)</sup>	---	KLDV 12 MS <sup>3)</sup>	---	1/2"	15 (1/2")	25
KLDV 34 ES	KLDV 34 PP	KLDV 34 MS	KLDV 34 A	3/4"	20 (3/4")	32
KLDV 10 ES	KLDV 10 PP	KLDV 10 MS	KLDV 10 A	1"	25 (1")	37
KLDV 114 ES	KLDV 114 PP <sup>4)</sup>	KLDV 114 MS	KLDV 114 A	1 1/4"	32 (1 1/4")	45
KLDV 112 ES	KLDV 112 PP	KLDV 112 MS	KLDV 112 A	1 1/2"	40 (1 1/2")	53
KLDV 20 ES	KLDV 20 PP	KLDV 20 MS	KLDV 20 A	2"	50 (2")	63
KLDV 212 ES	---	KLDV 212 MS	KLDV 212 A	2 1/2"	60 (2 1/2")	76
KLDV 30 ES	KLDV 30 PP	KLDV 30 MS	KLDV 30 A	3"	75 (3")	92
KLDV 40 ES	KLDV 40 PP <sup>3)</sup>	KLDV 40 MS	KLDV 40 A	4"	90 (4")	120
KLDV 50 ES	---	KLDV 50 MS	KLDV 50 A	5"	120 (5")	145
KLDV 60 ES	---	KLDV 60 MS	KLDV 60 A	6"	140 (6")	175

<sup>1)</sup> For liquids, please use your preferred stainless steel, brass or aluminium. <sup>2)</sup> Plug Ø 53 mm with reduced connection. This does not comply with the standard! <sup>3)</sup> Four hand levers. <sup>4)</sup> Without safety pin. <sup>5)</sup> One hand lever without safety pin.

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.