

PD Series Diagnostic Couplers



Introduction

PD couplers provide easy connection to mechanical gauges or specialised diagnostic equipment. PD nipples are usually permanently threaded in the test ports on the machine with the coupler attached to the test instrument.

Construction

- ◆ Carbon steel with trivalent plating
- ◆ Standard seals Nitrile

Features

- ◆ Flush face poppet valves minimise air inclusion and spillage
- ◆ Easy to clean surface prevents contamination
- ◆ Critical parts are hardened for durability
- ◆ Socket and plugs are machines from solid bar stock

Specification

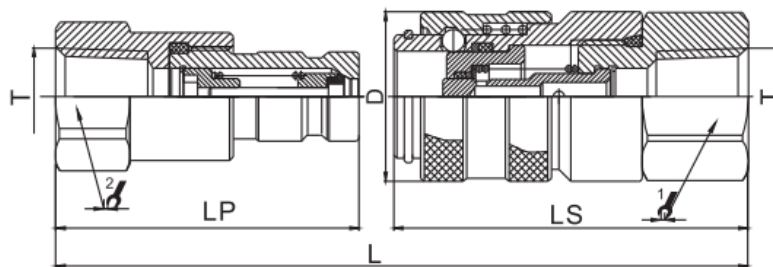
- ◆ Operating temperature with standard NBR seals -20°C (-20°F) to 120°C (248°F)

Size	1/4
MWP (PSI)	6000
Flow (LPM)	2.0

Applications

- ◆ Agriculture
- ◆ Mobile equipment
- ◆ Construction equipment

Any application where test equipment is used



Part #	T	D	⚙	⚙	L	LS	LP
PDF-02FN	1/8 NPT	24	21		78.5	50	
PDF-04FN	1/4 NPT	24	21		78.5	50	
PDF-04FG	1/4 BSP	24	21		78.5	50	
PDM-02FN	1/8 NPT F			19	78.5		42.8
PDM-04FN	1/4 NPT F			19	78.5		42.8
PDM-04MN	1/4 NPT M			19	78.5		42.8
PDM-07MU	7/16 UNO			19	78.5		42.8
PDM-09MU	9/16 UNO			19	78.5		42.8
PDM-M14M	M14*1.5			19	78.5		42.8



KD Series Diagnostic Couplers



Introduction

KD couplers provide easy connection to mechanical gauges or specialised diagnostic equipment. KD nipples are usually permanently threaded in the test ports on the machine with the coupler attached to the test instrument.

Construction

- ◆ Carbon steel with trivalent plating
- ◆ Standard seals Nitrile

Features

- ◆ Pin type valve
- ◆ Critical parts are hardened for durability
- ◆ Socket and plugs are machines from solid bar stock

Specification

- ◆ Operating temperature with standard NBR seals -20°C (-20°F) to 120°C (248°F)

Size	1/4
MWP (PSI)	6000
Flow (LPM)	2.0

Applications

- ◆ Agriculture
- ◆ Mobile equipment
- ◆ Construction equipment

Any application where test equipment is used



Part #	Thread
KDF-04G	BSP 1/4
KDM-04FG	BSP 1/4
KDM-M14M	M14*1.5



KD coupler with T20 connection

Part # KDF-T20

T20 Series Diagnostic Couplers M16*2

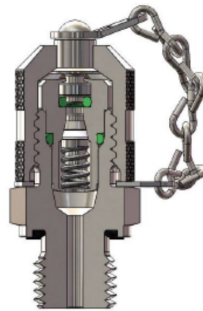


Introduction

T20 couplers provide easy connection to mechanical gauges or specialised diagnostic equipment. T20 couplers are usually permanently threaded in the test ports on the machine with the coupler attached to the test instrument by a hose.

Construction

- ◆ Carbon steel with Zinc Nickel plating
- ◆ Standard seals Nitrile



Features

- ◆ Poppet valves
- ◆ Metal cap attached by a chain
- ◆ Critical parts are hardened for durability
- ◆ Parts machined from solid bar stock

Specification

- ◆ Operating temperature with standard NBR seals -20°C (-20°F) to 120°C (248°F)

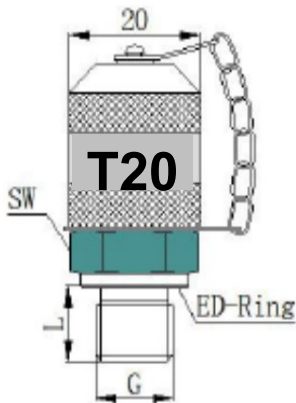
Size	1/4
MWP (PSI)	9000
Flow (LPM)	2.0

Applications

- ◆ Agriculture
- ◆ Mobile equipment
- ◆ Construction equipment

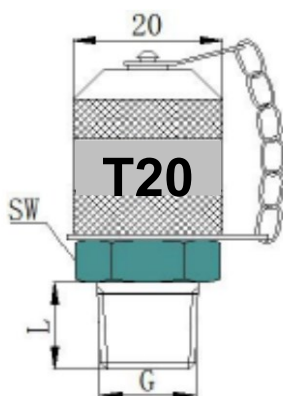
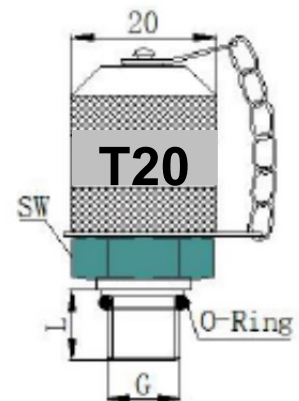
Any application where test equipment is used

Many other combinations available, contact for information and availability.



Part #	Thread G	L mm	SW mm
T20-1/8GED	1/8 BSP	8	17
T20-1/4GED	1/4 BSP	12	19
T20-3/8GED	3/8 BSP	14	22

Part #	Thread G	L mm	SW mm
T20-7/16U	7/16 UNO	11	17
T20-9/16U	9/16 UNO	12	17
T20-M10*1	M10*1	9.8	17
T20-M10*1.25	M10*1.25	9.8	17
T20-M12*1.5	M12*1.5	9.8	17



Part #	Thread G	L mm	SW mm
T20-1/8K	1/8 BSPT	8	17
T20-1/4K	1/4 BSPT	12	17
T20-1/4N	1/4 NPT	16	17

Diagnostic Accessories



Test Hose Assemblies

The test hoses are made up of 630 Bar hose with T 20 M16*2 female and 1/4 BSP gauge connection with O ring. Other options are available to order.

Test Hoses 630 Bar-1/4 BSP Gauge X T20 M16*2 Female				
Threads				
Gauge	T20	Part #	\$	Length
1/4 BSP	M16*2	THG1/4-T2015	\$19.90	1.5 Mts
1/4 BSP	M16*2	THG1/4-T2020	\$24.50	2 Mts
1/4 BSP	M16*2	THG1/4-T2040	\$41.46	4 Mts



Gauge Adaptors

Pressure Gauge Adaptor 1/4 BSP & T20 * 2				
Threads				
Gauge	Adaptor	Part #	\$	
1/4 BSP	M16*2	GA1/4G-T20F	\$14.50	1
1/4 BSP	1/4 BSP	SGA-04G	\$14.80	2
1/4 BSP	M16*2 Male	GA1/4G-T20M	\$14.90	3

1



1/4 BSP
Gauge
to
M16*2
Female

2



1/4 BSP
Gauge
to
1/4 BSP
Male

3



1/4 BSP
Gauge
to
M16*2
Male BH

Joiner M16*2 Male X M16*2 Male			
Threads			
T20	T20	Part #	\$
M16*2	M16*2	M16XM16	\$18.25



Pressure Gauges 63mm Boot for Protection			
Size	Part #	\$	
63mm	G63Boot	\$6.75	

Rear Entry Gauge 63mm Mounting Bracket			
Size	Part #	\$	
63mm	G63R-BKT	\$8.30	

63mm Pressure Gauges



- ◆ Dial: 63mm 2.5"
- ◆ Lens: Polycarbonate
- ◆ Pointer: Black Aluminum
- ◆ Bezel: Stainless Steel Fixed
- ◆ Wetted Parts: Copper Alloy
- ◆ Connection: Copper Alloy
- ◆ Scale: Standard PSI/BAR
- ◆ Accuracy: 1.6%

Protective Boot Available



BAR	PSI	REAR ENTRY PART #	BOTTOM ENTRY PART #	BOTTOM ENTRY PART #
		THREAD 1/4 BSPP	THREAD 1/4 BSPP	THREAD 1/4 BSPT
-1 to +3	40		G63B-G1/4B03	
10	150	G63R-G1/4B10	G63B-G1/4B10	G63B-K1/4B10
16	240	G63R-G1/4B16	G63B-G1/4B16	G63B-K1/4B16
25	370	G63R-G1/4B25	G63B-G1/4B25	G63B-K1/4B25
40	600	G63R-G1/4B40	G63B-G1/4B40	G63B-K1/4B40
60	900	G63R-G1/4B60	G63B-G1/4B60	G63B-K1/4B60
100	1500	G63R-G1/4B100	G63B-G1/4B100	G63B-K1/4B100
250	3700	G63R-G1/4B250	G63B-G1/4B250	G63B-K1/4B250
400	6000	G63R-G1/4B400	G63B-G1/4B400	G63B-K1/4B400
600	8700	G63R-G1/4B600	G63B-G1/4B600	
700	10000	G63R-G1/4B700	G63B-G1/4B700	

Hydraulic Test Kits



TK11-3-3



TK6-3-3



TKD11-2-2



Description	TK11-3-3	TK6-3-3	TKD11-2-2
63mm Gauges 250 Bar	1	1	
63mm Gauges 400 Bar	1	1	
63mm Gauges 600 Bar	1	1	
Digital Gauge 100 Bar			1
Digital Gauge 600 Bar			1
Test Hose Assemblies 1.5Mts	3	3	2
Test Coupling 1/8 BSPP	1		1
Test Coupling 1/4 BSPP	1	1	1
Test Coupling 1/4 BSPT		1	
Test Coupling 3/8 BSPP	1		1
Test Coupling M10*1	1	1	1
Test Coupling M10*1.25	1		1
Test Coupling M14*1.5	1	1	1
Test Coupling 7/16 UNO	1	1	1
Test Coupling 9/16 UNO	1		1
Test Coupling 1/4 NPT	1	1	1
PD Style - Bobcat, Cat, John Deere, Case	1		1
KD Style - Komatsu, Hitachi	1		1

Accumulator Charging, Filling and Pressure Test Kit



Description ACX7-3-1	
Valve & Hose Assembly	1
63mm Gauges, 100Bar, 250 Bar & 400 Bar	3
Adaptor UNF 7/8	1
Adaptor UNF 5/8	1
Adaptor UNF 5/16	1
Adaptor UNF 1/2	1
Adaptor G1/4	1
Adaptor M14*1.5	1
Adaptor M28*1.5 Attached to Main Valve	1