

## AG-Series Agricultural Interchange

- AG-Series couplers and nipples are compliant with the parameters outlined in ISO5675 (ISO7241-1 Series 'A' for the 1/2" size)
- Couplers have a high concentration of locking balls to reduce incidents of brinneling during operation
- Heavy duty knurled sleeves are designed to resist brinneling and maximise performance under impulse conditions
- AG-Series couplers and nipples are available with a 'Ball' style valve or a 'Poppet' style valve



PERFORMANCE SPECIFICATIONS	OPERATING bar (psi)	MIN. BURST bar (psi)	FLOW RATE ΔP=2 bar	LOCKING MECHANISM
1/4"	350 (5,075)	1300 (18,850)	12 LPM (3.2 GPM)	10 Balls
3/8"	300 (4,350)	1200 (17,400)	26 LPM (7 GPM)	10 Balls
1/2"	300 (4,350)	1160 (16,820)	45 LPM (12 GPM)	12 Balls
3/4"	250 (3,625)	1040 (15,080)	76 LPM (20 GPM)	12 Balls
1"	220 (3,190)	1000 (14,500)	151 LPM (40 GPM)	12 Balls

INTERCHANGE STANDARDS	US MILITARY	INDUSTRY STANDARDS	INTERNATIONAL STANDARDS	ANSI/NFPA
1/4"	---	---	ISO5675	---
3/8"	---	---	ISO5675	---
1/2"	---	---	ISO7241-A	---
3/4"	---	---	ISO5675	---
1"	---	---	ISO5675	---

'AG' SERIES INTERCHANGE	PARKER	FASTER	TOMCO	SAFEWAY
1/4"	4000 Series	NS	Series 'PC'	Series 'S20'
3/8"	4000 Series	NS	Series 'PC'	Series 'S20'
1/2"	4000 Series	NS	Series 'PC'	Series 'S20'
3/4"	4000 Series	NS	Series 'PC'	Series 'S20'
1"	4000 Series	NS	Series 'PC'	Series 'S20'



### AG-SERIES AGRICULTURAL INTERCHANGE (COUPLER DUST PLUG)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
2AGDP	1/4"	Elastomer	Elastomer
3AGDP	3/8"	Elastomer	Elastomer
4AGDP	1/2"	Elastomer	Elastomer
6AGDP	3/4"	Elastomer	Elastomer
8AGDP	1"	Elastomer	Elastomer

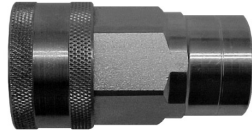


### AG-SERIES AGRICULTURAL INTERCHANGE (NIPPLE DUST CAP)

PART NO.	BODY SIZE	CAP LANYARD	BODY MATERIAL
AG2DC	1/4"	Elastomer	Elastomer
AG3DC	3/8"	Elastomer	Elastomer
AG4DC	1/2"	Elastomer	Elastomer
AG6DC	3/4"	Elastomer	Elastomer
AG8DC	1"	Elastomer	Elastomer

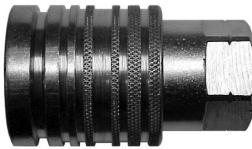
# QUICK RELEASE – HYDRAULIC

## AG-SERIES AGRICULTURAL INTERCHANGE (COUPLER)



(Female Thread)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
2AGF2	1/4"	1/4"-18 NPTF	Steel
2AGF2-PV	1/4"	1/4"-18 NPTF	Steel
2AGOF3	1/4"	9/16"-18 ORB	Steel
2AGOF3-PV	1/4"	9/16"-18 ORB	Steel
3AGF3	3/8"	3/8"-18 NPTF	Steel
3AGF3-PV	3/8"	3/8"-18 NPTF	Steel
4AGF4	1/2"	1/2"-14 NPTF	Steel
4AGF4-PV	1/2"	1/2"-14 NPTF	Steel
4AGOF4	1/2"	3/4"-16 ORB	Steel
4AGOF4-PV	1/2"	3/4"-16 ORB	Steel
4AGOF5	1/2"	7/8"-14 ORB	Steel
4AGOF5-PV	1/2"	7/8"-14 ORB	Steel
4AGF6	1/2"	3/4"-14 NPTF	Steel
4AGF6-PV	1/2"	3/4"-14 NPTF	Steel
6AGF6	3/4"	3/4"-14 NPTF	Steel
6AGF6-PV	3/4"	3/4"-14 NPTF	Steel
8AGF8	1"	1"-11 1/2 NPTF	Steel
8AGF8-PV	1"	1"-11 1/2 NPTF	Steel

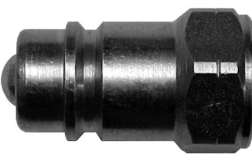


(Female Thread)

## AG-SERIES AGRICULTURAL INTERCHANGE (PUSH-PULL COUPLER)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
4AGF4-PS	1/2"	1/2"-14 NPTF	Steel
4AGF4-PV-PS	1/2"	1/2"-14 NPTF	Steel

## AG-SERIES AGRICULTURAL INTERCHANGE (NIPPLE)



(Female Thread)

PART NO.	BODY SIZE	THREAD SIZE	BODY MATERIAL
AG2F2	1/4"	1/4"-18 NPTF	Steel
AG2F2-PV	1/4"	1/4"-18 NPTF	Steel
AG2OF3	1/4"	9/16"-18 ORB	Steel
AG2OF3-PV	1/4"	9/16"-18 ORB	Steel
AG3F3	3/8"	3/8"-18 NPTF	Steel
AG3F3-PV	3/8"	3/8"-18 NPTF	Steel
AG4F4	1/2"	1/2"-14 NPTF	Steel
AG4F4-PV	1/2"	1/2"-14 NPTF	Steel
AG4OF4	1/2"	3/4"-16 ORB	Steel
AG4OF4-PV	1/2"	3/4"-16 ORB	Steel
AG4OF5	1/2"	7/8"-14 ORB	Steel
AG4OF5-PV	1/2"	7/8"-14 ORB	Steel
AG4F6	1/2"	3/4"-14 NPTF	Steel
AG4F6-PV	1/2"	3/4"-14 NPTF	Steel
AG6F6	3/4"	3/4"-14 NPTF	Steel
AG6F6-PV	3/4"	3/4"-14 NPTF	Steel
AG8F8	1"	1"-11 1/2 NPTF	Steel
AG8F8-PV	1"	1"-11 1/2 NPTF	Steel

Dixon carries two valve styles for the Agricultural coupling series, 'Ball' valve and 'Poppet' valve. The 'Ball' valve coupling has historically provided greater longevity while the 'Poppet' valve will improve flow while in operation.



Poppet Valve Style (-PV)



Standard Ball Valve Style