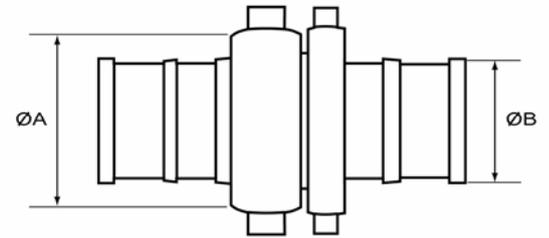


AMERICAN (NH) COUPLINGS

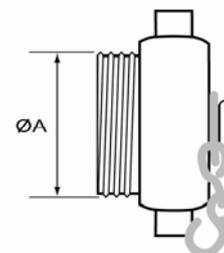
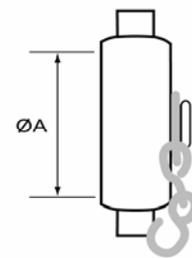
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|-------------------------|-----|----|---------------|
| 1½" NH x 38mm Hose Tail | 1½" | 38 | COG410038 |
| 1½" NH x 45mm Hose Tail | 1½" | 45 | COG410045 |
| 2½" NH x 38mm Hose Tail | 2½" | 38 | COG420038 |
| 2½" NH x 45mm Hose Tail | 2½" | 45 | COG420045 |
| 2½" NH x 52mm Hose Tail | 2½" | 52 | COG420052 |
| 2½" NH x 64mm Hose Tail | 2½" | 64 | COG420064 |
| 2½" NH x 70mm Hose Tail | 2½" | 70 | COG420070 |
| 2½" NH x 75mm Hose Tail | 2½" | 75 | COG420075 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|---------------|-----|---------------|
| 1½" NH Female | 1½" | BLG410100 |
| 1½" NH Male | 1½" | BLG410200 |
| 2½" NH Female | 2½" | BLG420100 |
| 2½" NH Male | 2½" | BLG420200 |



Sealing Ring & Spares

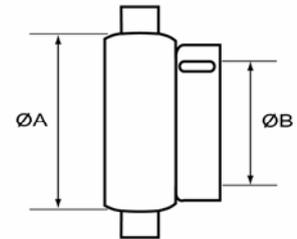
| Description | Stock Ref No. |
|-------------------------|---------------|
| 1½" NH Washers | XWS410001 |
| 2½" NH Washers | XWS420001 |
| Pin Lug Spanner (Multi) | COS440001 |

Unless stated all measurements in millimetres

AMERICAN (NH) ADAPTORS

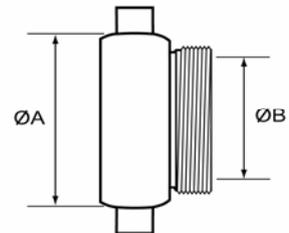
Female x Female Adaptors (Swivel)

| Description | ØA | ØB | Stock Ref No. |
|----------------------|-----|----------------|---------------|
| 1½" NH Female Swivel | 1½" | 1" BSP Female | ADG411044 |
| 1½" NH Female Swivel | 1½" | 1½" BSP Female | ADG411046 |
| 1½" NH Female Swivel | 1½" | 2" BSP Female | ADG411048 |
| 2½" NH Female Swivel | 2½" | 1" BSP Female | ADG421044 |
| 2½" NH Female Swivel | 2½" | 1½" BSP Female | ADG421046 |
| 2½" NH Female Swivel | 2½" | 2" BSP Female | ADG421048 |
| 2½" NH Female Swivel | 2½" | 2½" BSP Female | ADG421049 |



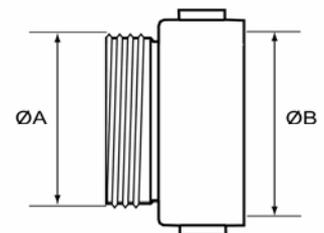
Female x Male Adaptors (Swivel)

| Description | ØA | ØB | Stock Ref No. |
|----------------------|-----|--------------|---------------|
| 1½" NH Female Swivel | 1½" | 1" BSP Male | ADG411064 |
| 1½" NH Female Swivel | 1½" | 1½" BSP Male | ADG411066 |
| 1½" NH Female Swivel | 1½" | 2" BSP Male | ADG411068 |
| 2½" NH Female Swivel | 2½" | 1" BSP Male | ADG421064 |
| 2½" NH Female Swivel | 2½" | 1½" BSP Male | ADG421066 |
| 2½" NH Female Swivel | 2½" | 2" BSP Male | ADG421068 |
| 2½" NH Female Swivel | 2½" | 2½" BSP Male | ADG421069 |



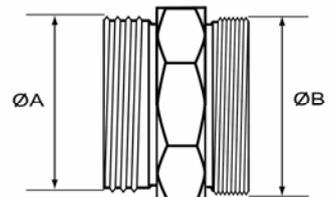
Male x Female Adaptors (Fixed)

| Description | ØA | ØB | Stock Ref No. |
|-------------------|-----|----------------|---------------|
| 1½" NH Male Fixed | 1½" | 1" BSP Female | ADG411004 |
| 1½" NH Male Fixed | 1½" | 1¼" BSP Female | ADG411005 |
| 1½" NH Male Fixed | 1½" | 1½" BSP Female | ADG411006 |
| 1½" NH Male Fixed | 1½" | 2" BSP Female | ADG411008 |
| 2½" NH Male Fixed | 2½" | 1" BSP Female | ADG421004 |
| 2½" NH Male Fixed | 2½" | 1½" BSP Female | ADG421006 |
| 2½" NH Male Fixed | 2½" | 2" BSP Female | ADG421008 |
| 2½" NH Male Fixed | 2½" | 2½" BSP Female | ADG421009 |



Male x Male Adaptors (Fixed)

| Description | ØA | ØB | Stock Ref No. |
|-------------------|-----|--------------|---------------|
| 1½" NH Male Fixed | 1½" | 1" BSP Male | ADG411024 |
| 1½" NH Male Fixed | 1½" | 1¼" BSP Male | ADG411025 |
| 1½" NH Male Fixed | 1½" | 1½" BSP Male | ADG411026 |
| 1½" NH Male Fixed | 1½" | 2" BSP Male | ADG411028 |
| 2½" NH Male Fixed | 2½" | 1" BSP Male | ADG421024 |
| 2½" NH Male Fixed | 2½" | 1½" BSP Male | ADG421026 |
| 2½" NH Male Fixed | 2½" | 2" BSP Male | ADG421028 |
| 2½" NH Male Fixed | 2½" | 2½" BSP Male | ADG421029 |

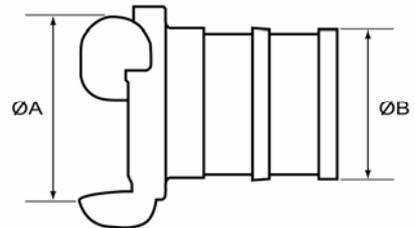


Unless stated all measurements in millimetres

BARCELONA COUPLINGS & ADAPTORS

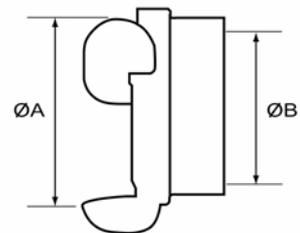
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|-------------------------------|----|----|---------------|
| Barcelona 25 x 38mm Hose Tail | 42 | 38 | COG059938 |
| Barcelona 45 x 38mm Hose Tail | 62 | 38 | COG069938 |
| Barcelona 45 x 45mm Hose Tail | 62 | 45 | COG069945 |
| Barcelona 45 x 52mm Hose Tail | 62 | 52 | COG069952 |
| Barcelona 70 x 38mm Hose Tail | 85 | 38 | COG079938 |
| Barcelona 70 x 45mm Hose Tail | 85 | 45 | COG079945 |
| Barcelona 70 x 52mm Hose Tail | 85 | 52 | COG079952 |
| Barcelona 70 x 64mm Hose Tail | 85 | 64 | COG079964 |
| Barcelona 70 x 70mm Hose Tail | 85 | 70 | COG079970 |



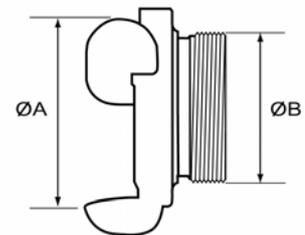
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|--------------|----|----------------|---------------|
| Barcelona 25 | 42 | 1" BSP Female | ADG051004 |
| Barcelona 45 | 62 | 1" BSP Female | ADG061004 |
| Barcelona 45 | 62 | 1½" BSP Female | ADG061006 |
| Barcelona 45 | 62 | 2" BSP Female | ADG061008 |
| Barcelona 70 | 85 | 2" BSP Female | ADG071008 |
| Barcelona 70 | 85 | 2½" BSP Female | ADG071009 |



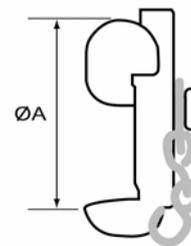
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|--------------|----|--------------|---------------|
| Barcelona 25 | 42 | 1" BSP Male | ADG051024 |
| Barcelona 45 | 62 | 1½" BSP Male | ADG061026 |
| Barcelona 45 | 62 | 2" BSP Male | ADG061028 |
| Barcelona 70 | 85 | 2" BSP Male | ADG071028 |
| Barcelona 70 | 85 | 2½" BSP Male | ADG071029 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|------------------------|----|---------------|
| Barcelona 25 Blank Cap | 42 | BLG059900 |
| Barcelona 45 Blank Cap | 62 | BLG069900 |
| Barcelona 70 Blank Cap | 85 | BLG079900 |



Sealing Ring & Spares

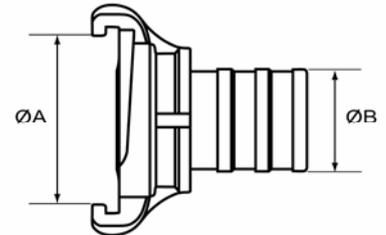
| Description | Stock Ref No. |
|----------------------|---------------|
| Barcelona 25 Washers | XWS050001 |
| Barcelona 45 Washers | XWS060001 |
| Barcelona 70 Washers | XWS070001 |

Unless stated all measurements in millimetres

GOST COUPLINGS & ADAPTORS

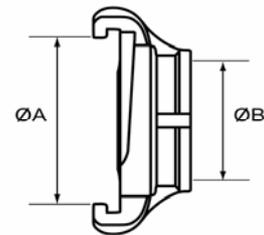
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|--------------------------|-----|----|---------------|
| Gost 50 x 38mm Hose Tail | 79 | 38 | COG209938 |
| Gost 50 x 52mm Hose Tail | 79 | 52 | COG209938 |
| Gost 70 x 38mm Hose Tail | 96 | 38 | COG219938 |
| Gost 70 x 52mm Hose Tail | 96 | 52 | COG219952 |
| Gost 70 x 64mm Hose Tail | 96 | 64 | COG219964 |
| Gost 80 x 64mm Hose Tail | 108 | 64 | COG229964 |
| Gost 80 x 75mm Hose Tail | 108 | 75 | COG229964 |



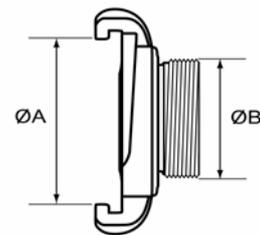
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|-----|----------------|---------------|
| Gost 50 | 79 | 2" BSP Female | ADG201008 |
| Gost 50 | 79 | 2½" BSP Female | ADG201009 |
| Gost 70 | 96 | 2" BSP Female | ADG211008 |
| Gost 70 | 96 | 2½" BSP Female | ADG211009 |
| Gost 80 | 108 | 2" BSP Female | ADG221008 |
| Gost 80 | 108 | 2½" BSP Female | ADG221009 |
| Gost 80 | 108 | 3" BSP Female | ADG221010 |



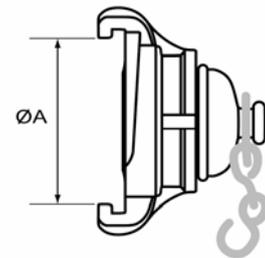
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|-----|--------------|---------------|
| Gost 50 | 79 | 2" BSP Male | ADG201028 |
| Gost 50 | 79 | 2½" BSP Male | ADG201029 |
| Gost 70 | 96 | 2" BSP Male | ADG211028 |
| Gost 70 | 96 | 2½" BSP Male | ADG211029 |
| Gost 80 | 108 | 2" BSP Male | ADG221028 |
| Gost 80 | 108 | 2½" BSP Male | ADG221029 |
| Gost 80 | 108 | 3" BSP Male | ADG221010 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|-------------------|-----|---------------|
| Gost 50 Blank Cap | 79 | BLG209900 |
| Gost 70 Blank Cap | 96 | BLG219900 |
| Gost 80 Blank Cap | 108 | BLG229900 |



Sealing Ring & Spares

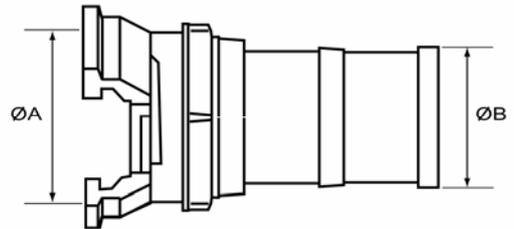
| Description | Stock Ref No. |
|-----------------|---------------|
| Gost 50 Washers | XWS200001 |
| Gost 70 Washers | XWS210001 |
| Gost 80 Washers | XWS220001 |

Unless stated all measurements in millimetres

GUILLEMIN COUPLINGS & ADAPTORS

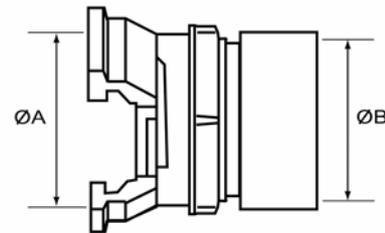
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|-------------------------------|----|----|---------------|
| Guillemin 40 x 38mm Hose Tail | 55 | 38 | COG259938 |
| Guillemin 40 x 45mm Hose Tail | 55 | 45 | COG259945 |
| Guillemin 65 x 38mm Hose Tail | 84 | 38 | COG269938 |
| Guillemin 65 x 45mm Hose Tail | 84 | 45 | COG269945 |
| Guillemin 65 x 52mm Hose Tail | 84 | 52 | COG269952 |
| Guillemin 65 x 64mm Hose Tail | 84 | 64 | COG269964 |
| Guillemin 65 x 70mm Hose Tail | 84 | 70 | COG269970 |
| Guillemin 65 x 75mm Hose Tail | 84 | 75 | COG269975 |



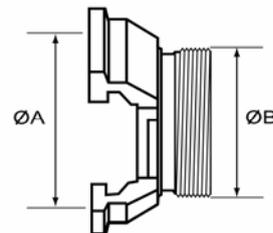
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|--------------|----|----------------|---------------|
| Guillemin 40 | 55 | 1½" BSP Female | ADG251006 |
| Guillemin 40 | 55 | 2" BSP Female | ADG251008 |
| Guillemin 65 | 84 | 2" BSP Female | ADG261008 |
| Guillemin 65 | 84 | 2½" BSP Female | ADG261009 |
| Guillemin 65 | 84 | 3" BSP Female | ADG261010 |



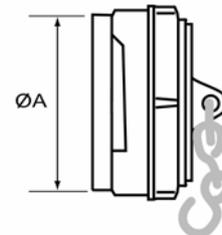
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|--------------|----|--------------|---------------|
| Guillemin 40 | 55 | 1½" BSP Male | ADG251026 |
| Guillemin 40 | 55 | 2" BSP Male | ADG251028 |
| Guillemin 65 | 84 | 2" BSP Male | ADG261028 |
| Guillemin 65 | 84 | 2½" BSP Male | ADG261029 |
| Guillemin 65 | 84 | 3" BSP Male | ADG261030 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|------------------------|----|---------------|
| Guillemin 40 Blank Cap | 55 | BLG259900 |
| Guillemin 65 Blank Cap | 84 | BLG269900 |



Sealing Ring & Spares

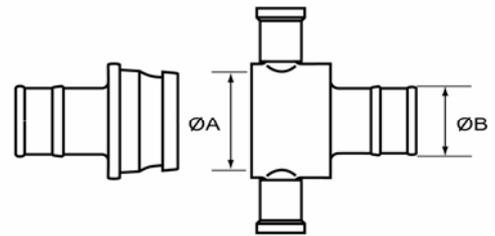
| Description | Stock Ref No. |
|----------------------|---------------|
| Guillemin 40 Washers | XWS250001 |
| Guillemin 65 Washers | XWS260001 |

Unless stated all measurements in millimetres

2½" INSTANTANEOUS COUPLINGS

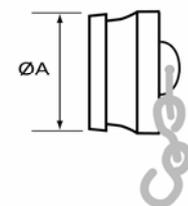
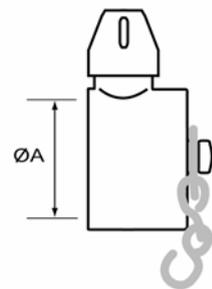
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|---------------------------|-----|----|---------------|
| 2½" INST x 25mm Hose Tail | 2½" | 25 | COG000025 |
| 2½" INST x 38mm Hose Tail | 2½" | 38 | COG000038 |
| 2½" INST x 45mm Hose Tail | 2½" | 45 | COG000045 |
| 2½" INST x 52mm Hose Tail | 2½" | 52 | COG000052 |
| 2½" INST x 64mm Hose Tail | 2½" | 64 | COG000064 |
| 2½" INST x 70mm Hose Tail | 2½" | 70 | COG000070 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|---------------------|----|---------------|
| 2½" INST Blank Cap | 65 | BLG000100 |
| 2½" INST Blank Plug | 65 | BLG000200 |



Sealing Ring & Spares

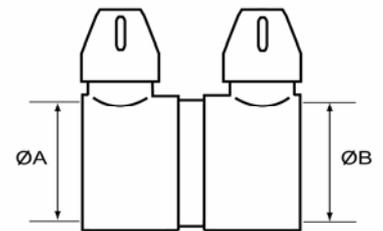
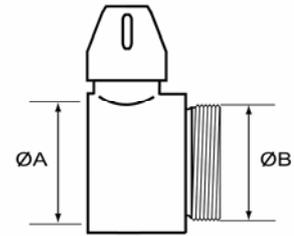
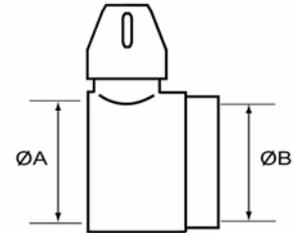
| Description | Stock Ref No. |
|------------------|---------------|
| 2½" INST Washers | XWS000003 |

Unless stated all measurements in millimetres

2½" INSTANTANEOUS ADAPTORS

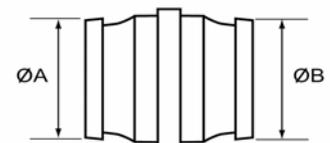
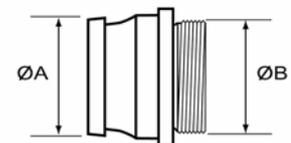
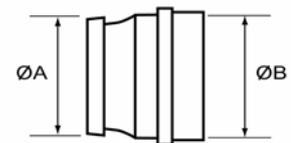
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-----------------|----|-----------------|---------------|
| 2½" INST Female | 65 | 1" BSP Male | ADG001064 |
| 2½" INST Female | 65 | 1½" BSP Male | ADG001066 |
| 2½" INST Female | 65 | 2" BSP Male | ADG001068 |
| 2½" INST Female | 65 | 2½" BSP Male | ADG001069 |
| 2½" INST Female | 65 | 1½" BSP Female | ADG001046 |
| 2½" INST Female | 65 | 2" BSP Female | ADG001048 |
| 2½" INST Female | 65 | 2½" BSP Female | ADG001049 |
| 2½" INST Female | 65 | 2½" INST Female | ADG000001 |



Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|---------------|----|----------------|---------------|
| 2½" INST Male | 65 | 1" BSP Male | ADG001024 |
| 2½" INST Male | 65 | 1½" BSP Male | ADG001026 |
| 2½" INST Male | 65 | 2" BSP Male | ADG001028 |
| 2½" INST Male | 65 | 2½" BSP Male | ADG001029 |
| 2½" INST Male | 65 | 1" BSP Female | ADG001004 |
| 2½" INST Male | 65 | 1½" BSP Female | ADG001006 |
| 2½" INST Male | 65 | 2" BSP Female | ADG001008 |
| 2½" INST Male | 65 | 2½" BSP Female | ADG001009 |
| 2½" INST Male | 65 | 2½" INST Male | ADG000002 |

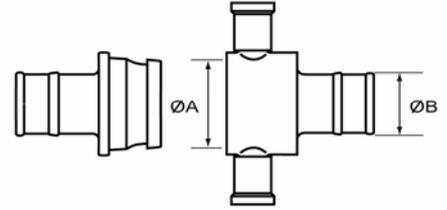


Unless stated all measurements in millimetres

1½” INSTANTANEOUS COUPLINGS & ADAPTORS

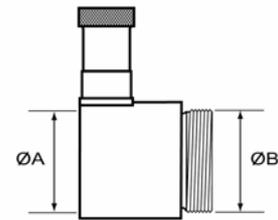
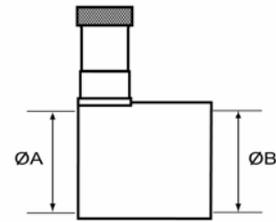
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|---------------------------|-----|----|---------------|
| 1½” INST x 38mm Hose Tail | 1½” | 38 | COG020038 |



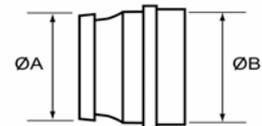
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-----------------|----|----------------|---------------|
| 1½” INST Female | 38 | 1½” BSP Male | ADG021066 |
| 1½” INST Female | 38 | 2” BSP Male | ADG021068 |
| 1½” INST Female | 38 | 1½” BSP Female | ADG021046 |
| 1½” INST Female | 38 | 2” BSP Female | ADG021048 |



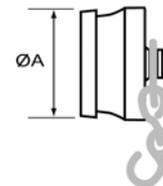
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|---------------|----|---------------|---------------|
| 1½” INST Male | 38 | 1½” BSP Male | ADG021026 |
| 1½” INST Male | 38 | 2” BSP Male | ADG021028 |
| 1½” INST Male | 38 | 2” BSP Female | ADG021008 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|-----------------------------|----|---------------|
| 1½” INST Blank Cap (Female) | 38 | BLG020100 |
| 1½” INST Blank Plug (Male) | 38 | BLG020200 |



Sealing Ring & Spares

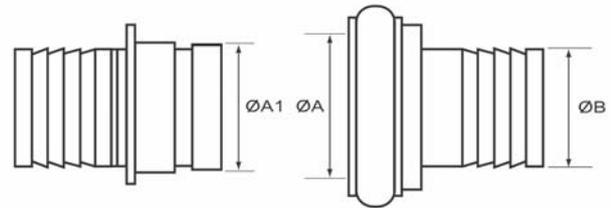
| Description | Stock Ref No. |
|------------------|---------------|
| 1½” INST Washers | XWS006002 |

Unless stated all measurements in millimetres

MACHINO COUPLINGS & ADAPTORS

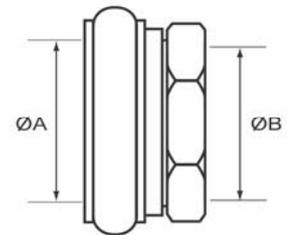
Delivery Hose Coupling

| Description | ØA1 x ØA | ØB | Stock Ref No. |
|-----------------------------|-------------|----|---------------|
| Machino 1½ x 38mm Hose Tail | 44.7 x 45.0 | 38 | COG300038 |
| Machino 2½ x 63mm Hose Tail | 68.4 x 71.4 | 63 | COG310063 |



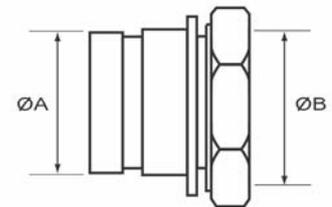
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|------|----------------|---------------|
| Machino 1½ | 45.0 | 1½" BSP Female | ADG301026 |
| Machino 2½ | 71.4 | 2" BSP Female | ADG311028 |
| Machino 2½ | 71.4 | 2½" BSP Female | ADG311029 |



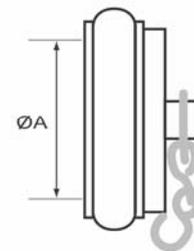
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|------|----------------|---------------|
| Machino 1½ | 44.7 | 1½" BSP Female | ADG301006 |
| Machino 2½ | 68.4 | 2" BSP Female | ADG311008 |
| Machino 2½ | 68.4 | 2½" BSP Female | ADG311009 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|----------------------|-----|---------------|
| Machino 1½ Blank Cap | 1½" | BLG309900 |
| Machino 2½ Blank Cap | 2½" | BLG319900 |



Sealing Ring & Spares

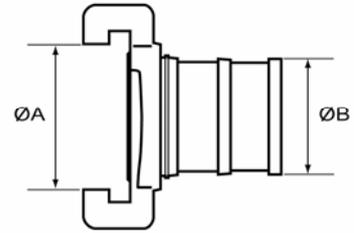
| Description | Stock Ref No. |
|--------------------|---------------|
| Machino 1½ Washers | XWS300001 |
| Machino 2½ Washers | XWS310001 |

Unless stated all measurements in millimetres

NAKAJIMA COUPLINGS & ADAPTORS (JIS)

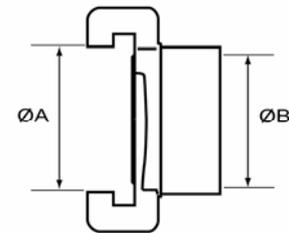
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|-------------------------------|----|----|---------------|
| Nakajima 40A x 38mm Hose Tail | 61 | 38 | COG359938 |
| Nakajima 50A x 52mm Hose Tail | 74 | 52 | COG369952 |
| Nakajima 65A x 38mm Hose Tail | 92 | 38 | COG379938 |
| Nakajima 65A x 52mm Hose Tail | 92 | 52 | COG379952 |
| Nakajima 65A x 64mm Hose Tail | 92 | 64 | COG379964 |



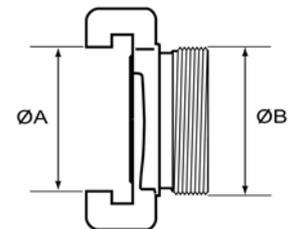
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|--------------|----|----------------|---------------|
| Nakajima 40A | 61 | 1" BSP Female | ADG351004 |
| Nakajima 40A | 61 | 1½" BSP Female | ADG351006 |
| Nakajima 40A | 61 | 2" BSP Female | ADG351008 |
| Nakajima 50A | 74 | 2" BSP Female | ADG361008 |
| Nakajima 65A | 92 | 2" BSP Female | ADG371008 |
| Nakajima 65A | 92 | 2½" BSP Female | ADG371009 |



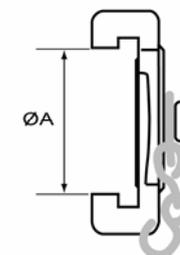
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|--------------|----|--------------|---------------|
| Nakajima 40A | 61 | 1½" BSP Male | ADG351026 |
| Nakajima 50A | 74 | 2" BSP Male | ADG361028 |
| Nakajima 65A | 92 | 2" BSP Male | ADG371028 |
| Nakajima 65A | 92 | 2½" BSP Male | ADG371029 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|------------------------|----|---------------|
| Nakajima 40A Blank Cap | 61 | BLG359900 |
| Nakajima 50A Blank Cap | 74 | BLG369900 |
| Nakajima 65A Blank Cap | 92 | BLG379900 |



Sealing Ring & Spares

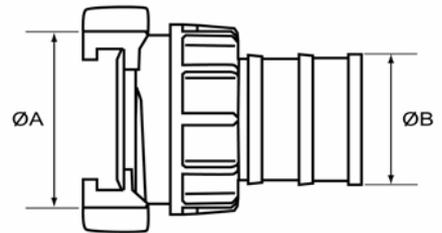
| Description | Stock Ref No. |
|----------------------|---------------|
| Nakajima 40A Washers | XWS350001 |
| Nakajima 50A Washers | XWS360001 |
| Nakajima 65A Washers | XWS370001 |

Unless stated all measurements in millimetres

NORLAS COUPLINGS

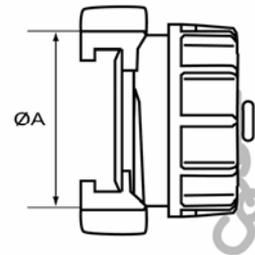
Delivery Hose Coupling

| <i>Description</i> | $\varnothing A$ | $\varnothing B$ | <i>Stock Ref No.</i> |
|------------------------|-----------------|-----------------|----------------------|
| NOR 3 x 38mm Hose Tail | 50 | 38 | COG479938 |
| NOR 2 x 38mm Hose Tail | 66 | 38 | COG469938 |
| NOR 2 x 52mm Hose Tail | 66 | 52 | COG469952 |
| NOR 1 x 38mm Hose Tail | 83 | 38 | COG459938 |
| NOR 1 x 52mm Hose Tail | 83 | 52 | COG459952 |
| NOR 1 x 64mm Hose Tail | 83 | 64 | COG459964 |
| NOR 1 x 75mm Hose Tail | 83 | 75 | COG459975 |



Blank Cap & Chain

| <i>Description</i> | $\varnothing A$ | <i>Stock Ref No.</i> |
|--------------------|-----------------|----------------------|
| NOR 3 Blank Cap | 50 | BLG479900 |
| NOR 2 Blank Cap | 66 | BLG469900 |
| NOR 1 Blank Cap | 83 | BLG459900 |



Sealing Ring & Spares

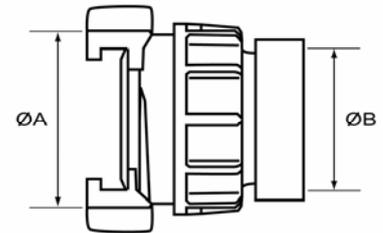
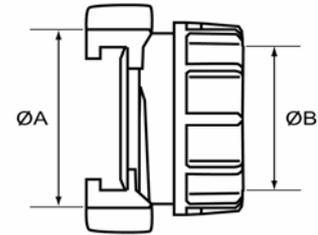
| <i>Description</i> | <i>Stock Ref No.</i> |
|--------------------|----------------------|
| NOR 3 Washers | XWS470001 |
| NOR 2 Washers | XWS460001 |
| NOR 1 Washers | XWS450001 |
| Universal Spanner | COS490001 |

Unless stated all measurements in millimetres

NORLAS ADAPTORS

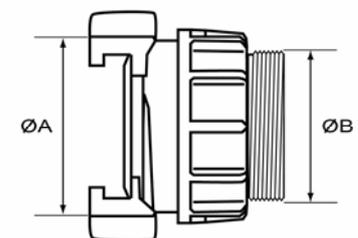
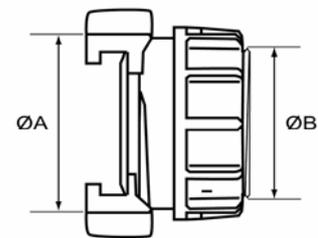
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|----------------|---------------|
| NOR 3 | 50 | 1" BSP Female | ADG471004 |
| NOR 3 | 50 | 1½" BSP Female | ADG471006 |
| NOR 2 | 66 | 1½" BSP Female | ADG461006 |
| NOR 2 | 66 | 2" BSP Female | ADG461008 |
| NOR 1 | 83 | 1½" BSP Female | ADG451006 |
| NOR 1 | 83 | 2" BSP Female | ADG451008 |
| NOR 1 | 83 | 2½" BSP Female | ADG451009 |
| NOR 1 | 83 | 3" BSP Female | ADG451010 |



Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|--------------|---------------|
| NOR 3 | 50 | 1" BSP Male | ADG471024 |
| NOR 3 | 50 | 1½" BSP Male | ADG471026 |
| NOR 2 | 66 | 1½" BSP Male | ADG461026 |
| NOR 2 | 66 | 2" BSP Male | ADG461028 |
| NOR 1 | 83 | 1½" BSP Male | ADG451026 |
| NOR 1 | 83 | 2" BSP Male | ADG451028 |
| NOR 1 | 83 | 2½" BSP Male | ADG451029 |
| NOR 1 | 83 | 3" BSP Male | ADG451030 |

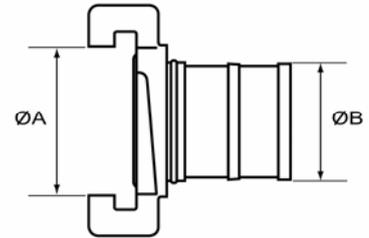


Unless stated all measurements in millimetres

NUNAN & STOVE COUPLINGS & ADAPTORS (N&S)

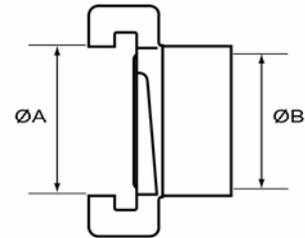
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|--------------------------|----|----|---------------|
| N&S 1½" x 38mm Hose Tail | 61 | 38 | COG559938 |
| N&S 2" x 38mm Hose Tail | 68 | 38 | COG569938 |
| N&S 2" x 52mm Hose Tail | 68 | 52 | COG569952 |
| N&S 2½" x 38mm Hose Tail | 84 | 38 | COG579938 |
| N&S 2½" x 52mm Hose Tail | 84 | 52 | COG579952 |
| N&S 2½" x 64mm Hose Tail | 84 | 64 | COG579964 |



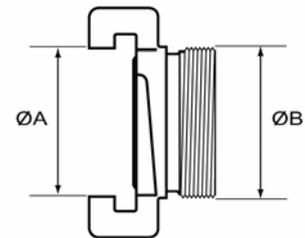
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|----------------|---------------|
| N&S 1½" | 61 | 1½" BSP Female | ADG551006 |
| N&S 1½" | 61 | 2" BSP Female | ADG551008 |
| N&S 2" | 68 | 2" BSP Female | ADG561008 |
| N&S 2½" | 84 | 2" BSP Female | ADG571008 |
| N&S 2½" | 84 | 2½" BSP Female | ADG571009 |



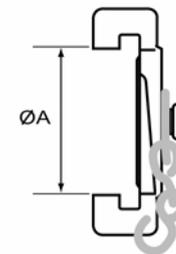
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|--------------|---------------|
| N&S 1½" | 61 | 1½" BSP Male | ADG551026 |
| N&S 1½" | 61 | 2" BSP Male | ADG551028 |
| N&S 2" | 68 | 1½" BSP Male | ADG561026 |
| N&S 2" | 68 | 2" BSP Male | ADG561028 |
| N&S 2½" | 84 | 2" BSP Male | ADG571028 |
| N&S 2½" | 84 | 2½" BSP Male | ADG571029 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|-------------------|----|---------------|
| N&S 1½" Blank Cap | 61 | BLG559900 |
| N&S 2" Blank Cap | 68 | BLG569900 |
| N&S 2½" Blank Cap | 84 | BLG579900 |



Sealing Ring & Spares

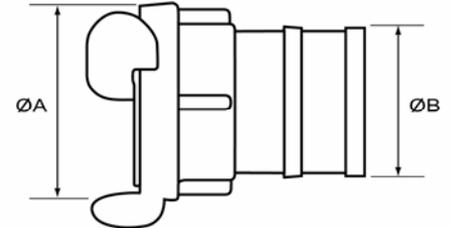
| Description | Stock Ref No. |
|-----------------|---------------|
| N+S 1½" Washers | XWS550001 |
| N+S 2" Washers | XWS560001 |
| N+S 2½" Washers | XWS570001 |

Unless stated all measurements in millimetres

ROTTA COUPLINGS & ADAPTORS

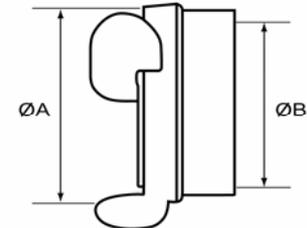
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|---------------------------|----|----|---------------|
| Rotta 50 x 38mm Hose Tail | 68 | 38 | COG609938 |
| Rotta 50 x 52mm Hose Tail | 68 | 52 | COG609952 |
| Rotta 70 x 38mm Hose Tail | 85 | 38 | COG619938 |
| Rotta 70 x 52mm Hose Tail | 85 | 52 | COG619952 |
| Rotta 70 x 64mm Hose Tail | 85 | 64 | COG619964 |



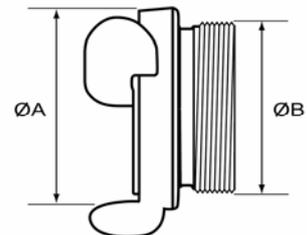
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|----------------|---------------|
| Rotta 50 | 68 | 1½" BSP Female | ADG601006 |
| Rotta 50 | 68 | 2" BSP Female | ADG601008 |
| Rotta 70 | 85 | 2" BSP Female | ADG611008 |
| Rotta 70 | 85 | 2½" BSP Female | ADG611009 |



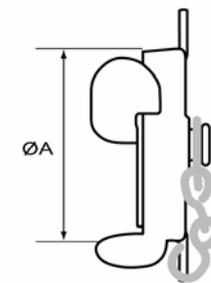
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|--------------|---------------|
| Rotta 50 | 68 | 1½" BSP Male | ADG601026 |
| Rotta 50 | 68 | 2" BSP Male | ADG601028 |
| Rotta 70 | 85 | 2" BSP Male | ADG611028 |
| Rotta 70 | 85 | 2½" BSP Male | ADG611009 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|--------------------|----|---------------|
| Rotta 50 Blank Cap | 68 | BLG609900 |
| Rotta 70 Blank Cap | 85 | BLG619900 |



Sealing Ring & Spares

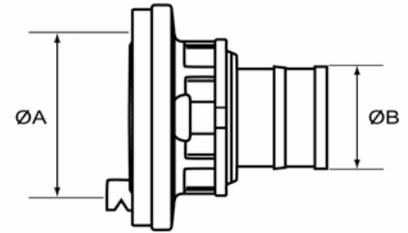
| Description | Stock Ref No. |
|------------------|---------------|
| Rotta 50 Washers | XWS600001 |
| Rotta 70 Washers | XWS610001 |

Unless stated all measurements in millimetres

SMS COUPLINGS & ADAPTORS

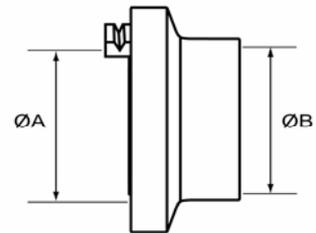
Delivery Hose Coupling

| Description | ØA | ØB | Stock Ref No. |
|-------------------------|----|----|---------------|
| SMS 32 x 38mm Hose Tail | 41 | 38 | COG709938 |
| SMS 63 x 25mm Hose Tail | 76 | 25 | COG719925 |
| SMS 63 x 38mm Hose Tail | 76 | 38 | COG719938 |
| SMS 63 x 52mm Hose Tail | 76 | 52 | COG719952 |
| SMS 63 x 64mm Hose Tail | 76 | 64 | COG719964 |
| SMS 63 x 75mm Hose Tail | 76 | 75 | COG719975 |



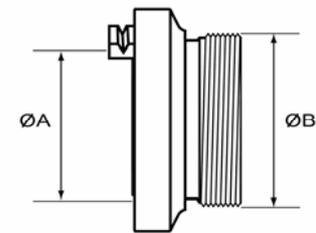
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|----------------|---------------|
| SMS 32 | 41 | 1" BSP Female | ADG701004 |
| SMS 32 | 41 | 2" BSP Female | ADG701008 |
| SMS 63 | 76 | 1" BSP Female | ADG711004 |
| SMS 63 | 76 | 1½" BSP Female | ADG711006 |
| SMS 63 | 76 | 2" BSP Female | ADG711008 |
| SMS 63 | 76 | 2½" BSP Female | ADG711009 |
| SMS 63 | 76 | 3" BSP Female | ADG711010 |



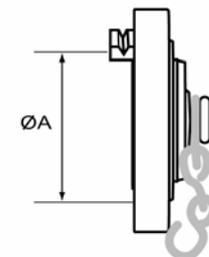
Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-------------|----|--------------|---------------|
| SMS 32 | 41 | 1" BSP Male | ADG701024 |
| SMS 63 | 76 | 1" BSP Male | ADG711024 |
| SMS 63 | 76 | 1½" BSP Male | ADG711026 |
| SMS 63 | 76 | 2" BSP Male | ADG711008 |
| SMS 63 | 76 | 2½" BSP Male | ADG711009 |
| SMS 63 | 76 | 3" BSP Male | ADG711010 |



Blank Cap & Chain

| Description | ØA | Stock Ref No. |
|------------------|----|---------------|
| SMS 32 Blank Cap | 41 | BLG709900 |
| SMS 63 Blank Cap | 76 | BLG719900 |



Sealing Ring & Spares

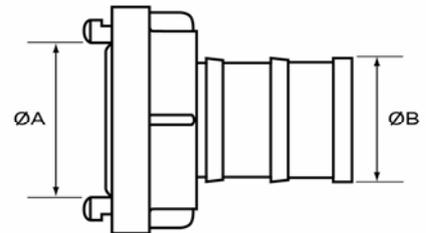
| Description | Stock Ref No. |
|----------------|---------------|
| SMS 32 Washers | XWS700001 |
| SMS 63 Washers | XWS710001 |

Unless stated all measurements in millimetres

STORZ COUPLINGS

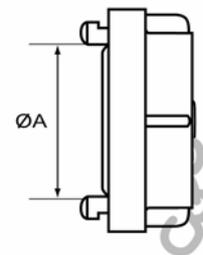
Delivery Hose Coupling

| <i>Description</i> | $\varnothing A$ | $\varnothing B$ | <i>Stock Ref No.</i> |
|---------------------------|-----------------|-----------------|----------------------|
| Storz D x 19mm Hose Tail | 31 | 19 | COG759919 |
| Storz D x 25mm Hose Tail | 31 | 25 | COG759925 |
| Storz 38 x 38mm Hose Tail | 52 | 38 | COG769938 |
| Storz C x 38mm Hose Tail | 66 | 38 | COG789938 |
| Storz C x 45mm Hose Tail | 66 | 45 | COG789945 |
| Storz C x 52mm Hose Tail | 66 | 52 | COG789952 |
| Storz C x 64mm Hose Tail | 66 | 64 | COG789964 |
| Storz 65 x 45mm Hose Tail | 81 | 45 | COG799945 |
| Storz 65 x 52mm Hose Tail | 81 | 52 | COG799952 |
| Storz 65 x 64mm Hose Tail | 81 | 64 | COG799964 |
| Storz B x 25mm Hose Tail | 89 | 25 | COG809925 |
| Storz B x 38mm Hose Tail | 89 | 38 | COG809938 |
| Storz B x 64mm Hose Tail | 89 | 64 | COG809964 |



Blank Cap & Chain

| <i>Description</i> | $\varnothing A$ | <i>Stock Ref No.</i> |
|--------------------|-----------------|----------------------|
| Storz D Blank Cap | 31 | BLG759900 |
| Storz 38 Blank Cap | 52 | BLG769900 |
| Storz C Blank Cap | 66 | BLG789900 |
| Storz 65 Blank Cap | 81 | BLG799900 |
| Storz B Blank Cap | 89 | BLG809900 |



Sealing Ring & Spares

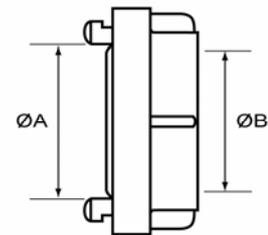
| <i>Description</i> | <i>Stock Ref No.</i> |
|-------------------------------------|----------------------|
| Storz D Washers | XWS750001 |
| Storz 38 Washers | XWS760001 |
| Storz C Washers | XWS780001 |
| Storz 65 Washers | XWS790001 |
| Storz B Washers | XWS800001 |
| Universal Spanner (Stainless Steel) | COS840001 |

Unless stated all measurements in millimetres

STORZ ADAPTORS

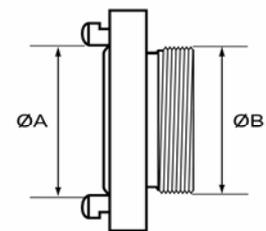
Female Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-----------------|----|----------------|---------------|
| Storz D x 19mm | 31 | ¾" BSP Female | ADG751003 |
| Storz D x 25mm | 31 | 1" BSP Female | ADG751004 |
| Storz 38 x 38mm | 52 | 1½" BSP Female | ADG761006 |
| Storz 38 x 52mm | 52 | 2" BSP Female | ADG761008 |
| Storz C x 38mm | 66 | 1½" BSP Female | ADG781006 |
| Storz C x 52mm | 66 | 2" BSP Female | ADG781008 |
| Storz C x 65mm | 66 | 2½" BSP Female | ADG781009 |
| Storz 65 x 52mm | 81 | 2" BSP Female | ADG791008 |
| Storz 65 x 64mm | 81 | 2½" BSP Female | ADG791009 |
| Storz B x 52mm | 89 | 2" BSP Female | ADG801008 |
| Storz B x 65mm | 89 | 2½" BSP Female | ADG801009 |



Male Adaptors

| Description | ØA | ØB | Stock Ref No. |
|-----------------|----|--------------|---------------|
| Storz D x 19mm | 31 | ¾" BSP Male | ADG751023 |
| Storz D x 25mm | 31 | 1" BSP Male | ADG751024 |
| Storz 38 x 38mm | 52 | 1½" BSP Male | ADG761026 |
| Storz 38 x 52mm | 52 | 2" BSP Male | ADG761028 |
| Storz C x 38mm | 66 | 1½" BSP Male | ADG781026 |
| Storz C x 52mm | 66 | 2" BSP Male | ADG781028 |
| Storz C x 65mm | 66 | 2½" BSP Male | ADG781029 |
| Storz 65 x 52mm | 81 | 2" BSP Male | ADG791028 |
| Storz 65 x 65mm | 81 | 2½" BSP Male | ADG791029 |
| Storz B x 52mm | 89 | 2" BSP Male | ADG801028 |
| Storz B x 64mm | 89 | 2½" BSP Male | ADG801029 |

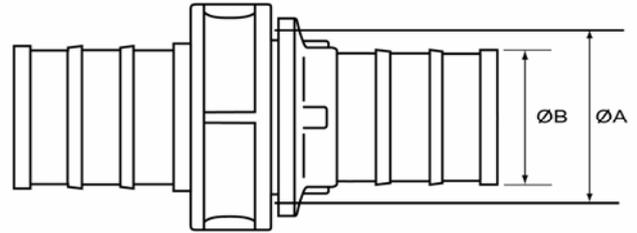


Unless stated all measurements in millimetres

UNI COUPLINGS

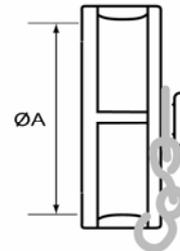
Delivery Hose Coupling

| <i>Description</i> | <i>A</i> | <i>ØB</i> | <i>Stock Ref No.</i> |
|-------------------------|----------|-----------|----------------------|
| UNI 25 x 25mm Hose Tail | M34 x 3 | 25 | C0G850025 |
| UNI 45 x 45mm Hose Tail | M56 x 4 | 45 | C0G860045 |
| UNI 70 x 70mm Hose Tail | M85 x 6 | 70 | C0G870070 |



Blank Cap & Chain

| <i>Description</i> | <i>A</i> | <i>Stock Ref No.</i> |
|--------------------|----------|----------------------|
| UNI 25 Blank Cap | M34 x 3 | BLG859900 |
| UNI 45 Blank Cap | M56 x 4 | BLG869900 |
| UNI 70 Blank Cap | M85 x 6 | BLG879900 |



Sealing Ring & Spares

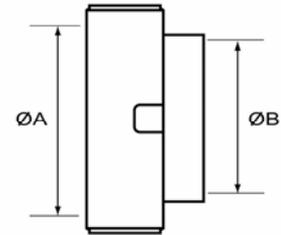
| <i>Description</i> | <i>Stock Ref No.</i> |
|--------------------|----------------------|
| UNI 50 Washers | XWS850001 |
| UNI 70 Washers | XWS860001 |
| Universal Spanner | COS890001 |

Unless stated all measurements in millimetres

UNI ADAPTORS

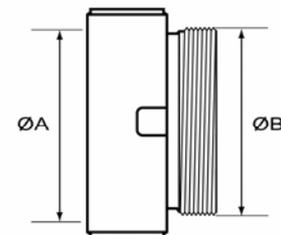
Female x Female Adaptors (Not Swivel)

| Description | A | ØB | Stock Ref No. |
|-------------|---------|----------------|---------------|
| UNI 25 | M34 x 3 | 1" BSP Female | ADG851044 |
| UNI 45 | M56 x 4 | 1½" BSP Female | ADG861046 |
| UNI 45 | M56 x 4 | 2" BSP Female | ADG861048 |
| UNI 70 | M85 x 6 | 2" BSP Female | ADG871048 |
| UNI 70 | M85 x 6 | 2½" BSP Female | ADG871049 |



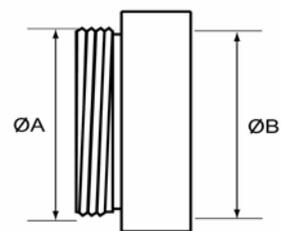
Female x Male Adaptors (Not Swivel)

| Description | A | ØB | Stock Ref No. |
|-------------|---------|--------------|---------------|
| UNI 25 | M34 x 3 | 1" BSP Male | ADG851064 |
| UNI 45 | M56 x 4 | 1½" BSP Male | ADG861066 |
| UNI 45 | M56 x 4 | 2" BSP Male | ADG861068 |
| UNI 70 | M85 x 6 | 2" BSP Male | ADG871068 |
| UNI 70 | M85 x 6 | 2½" BSP Male | ADG871069 |



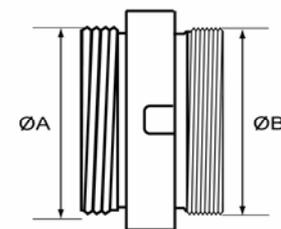
Male x Female Adaptors (Not Swivel)

| Description | A | ØB | Stock Ref No. |
|-------------|---------|----------------|---------------|
| UNI 25 | M34 x 3 | 1" BSP Female | ADG851004 |
| UNI 45 | M56 x 4 | 1½" BSP Female | ADG861006 |
| UNI 45 | M56 x 4 | 2" BSP Female | ADG861008 |
| UNI 70 | M85 x 6 | 2" BSP Female | ADG871008 |
| UNI 70 | M85 x 6 | 2½" BSP Female | ADG871009 |



Male x Male Adaptors (Not Swivel)

| Description | A | ØB | Stock Ref No. |
|-------------|---------|--------------|---------------|
| UNI 25 | M34 x 3 | 1" BSP Male | ADG851024 |
| UNI 45 | M56 x 4 | 1½" BSP Male | ADG861026 |
| UNI 45 | M56 x 4 | 2" BSP Male | ADG861028 |
| UNI 70 | M85 x 6 | 2" BSP Male | ADG871028 |
| UNI 70 | M85 x 6 | 2½" BSP Male | ADG871029 |



Unless stated all measurements in millimetres