



# RAUFOSS ABC™ CONNECTOR SYSTEM

Quick coupling system for polyamide pipes in the compressed air braking system of trucks, trailers, buses and tractors. The system was developed in collaboration with leading commercial vehicle manufacturers and is increasingly being used in the production (OEM) of commercial vehicles and trailers.

## 101pc ABC Brake Fitting Assortment



- ABC Quick Couplings
- Threadless adaptor
- Tube Release Tools
- Reducers
- Elbows
- Swivel Studs
- Male Studs
- ABC Rotolocks
- Blind Stops

**£371.00**

Part No. B136970



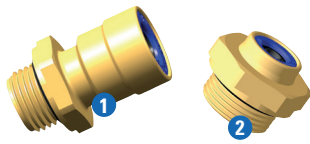
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# ABC CONNECTOR SYSTEM

**Raufoss**<sup>TM</sup>  
COUPLINGS

## Male Stud Couplings



Part No.	Description	Tube	Qty	Price
B339227-5	10 x 1mm	6 x 1mm	5	£15.92
B136738-5	12 x 1.5mm	6 x 1mm	5	£19.77
B339226-5	10 x 1mm	8 x 1mm	5	£21.36
B136861-5	12 x 1.5mm	8 x 1mm	5	£15.25
B339225-5	14 x 1.5mm	8 x 1mm	5	£27.06
B136862-5	16 x 1.5mm	8 x 1mm	5	£16.23
B136864-5	12 x 1.5mm	10 x 1mm	5	£29.83
B339224-5	14 x 1.5mm	10 x 1mm	5	£40.71
B136865-5	16 x 1.5mm	10 x 1mm	5	£23.35
B339223-5	12 x 1.5mm	10 x 1.25mm	5	£27.58
B339222-5	16 x 1.5mm	10 x 1.25mm	5	£23.07
B339221-5	12 x 1.5mm	10 x 1.5mm	5	£31.02
B339220-5	16 x 1.5mm	10 x 1.5mm	5	£21.50
B136868-5	12 x 1.5mm	12 x 1.5mm	5	£24.40
B136869-5	16 x 1.5mm	12 x 1.5mm	5	£17.95
B339219-5	16 x 1.5mm	15 x 1.5mm	5	£26.40
B136871-5	16 x 1.5mm	16 x 2mm	5	£24.75
B136872-5	22 x 1.5mm	16 x 2mm	5	£30.50

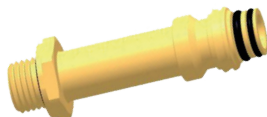
Part No.	Description	Tube	Qty	Price
B362816-5	14 x 1.5mm	6 x 1mm	5	£27.58
B136860-5	16 x 1.5mm	6 x 1mm	5	£16.59
B339218-5	22 x 1.5mm	6 x 1mm	5	£30.63
B136863-5	22 x 1.5mm	8 x 1mm	5	£21.91
B136866-5	22 x 1.5mm	10 x 1mm	5	£32.62
B339217-5	22 x 1.5mm	10 x 1.25mm	5	£32.10
B362817-5	22 x 1.5mm	10 x 1.5mm	5	£33.95
B136870-5	22 x 1.5mm	12 x 1.5mm	5	£24.88
B339216-5	22 x 1.5mm	15 x 1.5mm	5	

## Male Swivel Stud Couplings



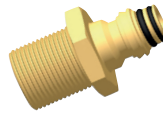
Part No.	Description	Type	Rotolock	Qty	Price
B362839-5	10 x 1mm	Small		5	£13.51
B362840-5	12 x 1.5mm	Small		5	£13.93
B362841-5	14 x 1.5mm	Small		5	£30.11
B362842-5	16 x 1.5mm	Small		5	£14.07
B362844-5	10 x 1mm	Regular	B136956-5	5	£14.18
B136873-5	12 x 1.5mm	Regular	B136956-5	5	£11.51
B136874-5	14 x 1.5mm	Regular	B362868-5	5	£13.86
B136876-5	16 x 1.5mm	Regular	B136957-5	5	£14.55
B136877-5	22 x 1.5mm	Regular	B136958-5	5	£16.70
B136878-5	16 x 1.5mm	Heavy Duty	B136959-5	5	£18.70
B136879-5	22 x 1.5mm	Heavy Duty	B136960-5	5	£18.70
B362850-5	26 x 1.5mm	Heavy Duty		5	£94.81

## Male Long Swivel Stud Couplings



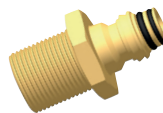
Part No.	Description	Type	Length	Qty	Price
B362843-5	16 x 1.5mm	Small	37mm	5	£67.77
B362847-5	14 x 1.5mm	Regular	42mm	5	£71.87
B362849-5	14 x 1.5mm	Regular	55mm	5	£87.67

## Male Swivel Bulkhead Couplings



Part No.	Description	Rotolock	Qty	Price
B362851-5	18 x 1.5mm - 12 x 1.5mm	B136957-5	5	£81.57
B136880-5	22 x 1.5mm - 16 x 1.5mm	B136958-5	5	£26.26
B362855-2	28 x 1.5mm - 22 x 1.5mm		2	£29.57

## Male Swivel Bulkhead Couplings with Push In



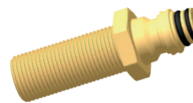
Part No.	Description	Tube	Rotolock	Qty	Price
B362857-5	20 x 1.5mm	8 x 1mm		5	£35.81
B362858-5	24 x 1.5mm	12 x 1.5mm	B136958-5	5	£41.52

## Swivel Couplings with Cone



Part No.	Description	Angle	Rotolock	Qty	Price
B362848-5	12 x 1.5mm	24°	B136956-5	5	£38.72

## Swivel Bulkhead Couplings with Cone



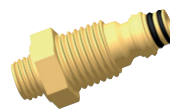
Part No.	Description	Angle	Type	Length	Rotolock	Qty	Price
B362853-5	16 x 1.5mm	24° - 10	Regular	35mm	B136957-5	5	£71.87
B362854-5	18 x 1.5mm	24° - 10	Regular	22mm	B136957-5	5	£92.04
B136881-5	18 x 1.5mm	24° - 12	Regular	42mm		5	£34.61
B362856-2	18 x 1.5mm	24° - 12	Heavy Duty	42mm		2	£30.93

## Swivel Internal Threaded Couplings



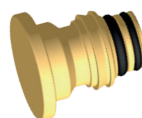
Part No.	Description	Type	Rotolock	Qty	Price
B362845-5	10 x 1mm	Regular	B136956-5	5	£32.49
B332374-5	12 x 1.5mm	Regular	B136956-5	5	£27.84
B362846-5	14 x 1.5mm	Regular	B136956-5	5	£30.01
B332373-5	16 x 1.5mm	Regular	B136957-5	5	£31.58
B332371-5	22 x 1.5mm	Regular	B136958-5	5	£34.09

## Swivel Bulkhead Couplings



Part No.	Description	Qty	Price
B136882-5	16 x 1.5mm - 22 x 1.5mm	5	£41.77
B362862-5	22 x 1.5mm - 22 x 1.5mm	5	£44.29

## Swivel Plug Couplings



Part No.	Type	Qty	Price
B362865-5	Small	5	£19.23
B362866-5	Regular	5	£22.02
B362867-5	Heavy Duty	5	£29.45

## Threadless Quick Couplings



Part No.	Type	Tube	Qty	Price
B362818-5	Small	6 x 1mm	5	£14.85
B362819-5	Small	8 x 1mm	5	£14.07
B136883-5	Regular	6 x 1mm	5	£14.71
B136884-5	Regular	8 x 1mm	5	£15.09
B136890-5	Regular	10 x 1mm	5	£22.68
B136891-5	Regular	10 x 1.25mm	5	£21.50
B362820-5	Regular	10 x 1.5mm	5	£22.68
B136897-5	Regular	12 x 1.5mm	5	£17.34
B136905-5	Heavy Duty	12 x 1.5mm	5	£18.17
B136913-5	Heavy Duty	15 x 1.5mm	5	£22.76
B136921-5	Heavy Duty	16 x 2mm	5	£24.97

## Push-In Tube Couplings



Part No.	Tube	Qty	Price
B332367-5	6 x 1mm	5	£24.13
B332366-5	8 x 1mm	5	£25.07
B332365-5	12 x 1.5mm	5	£35.95

## Integral 90° Push-In Couplings



Part No.	Type	Tube	Qty	Price
B362821-5	Small	6 x 1mm	5	£22.41
B362822-5	Small	8 x 1mm	5	£31.44
B136930-5	Regular	6 x 1mm	5	£22.54
B136932-5	Regular	8 x 1mm	5	£27.20
B136939-5	Regular	10 x 1mm	5	£29.29
B136941-5	Regular	10 x 1.25mm	5	£29.40
B362823-5	Regular	10 x 1.5mm	5	£33.04
B136942-5	Regular	12 x 1.5mm	5	£34.49
B136944-5	Heavy Duty	15 x 1.5mm	5	£37.90
B136945-5	Heavy Duty	16 x 2mm	5	£39.92

## Threadless Adaptors



Part No.	Description	Type	Qty	Price
B362859-5	39mm	Small	5	£17.39
B136955-5	45mm	Regular	5	£17.56

## Connectors with Bracket



Part No.	Description	Type	Qty	Price
B362860-2	45mm	Regular	2	£11.62

## T Type Couplings



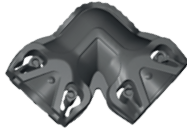
Part No.	Description	Type	Qty	Price
B362824-5	53mm	Small	5	£14.85
B136950-5	62mm	Regular	5	£15.12
B136951-3	72mm	Heavy Duty	3	£11.07

## T Type Couplings with Bracket



Part No.	Description	Type	Qty	Price
B362829-2	27mm	Regular	2	<a href="#">£10.28</a>
B362834-2	28mm	Heavy Duty	2	<a href="#">£12.83</a>

## 90° Elbows



Part No.	Description	Type	Qty	Price
B136947-5	29mm	Regular	5	<a href="#">£14.69</a>
B136948-5	34mm	Heavy Duty	5	<a href="#">£15.41</a>

## 45° Elbows



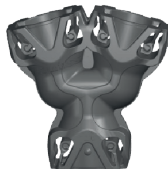
Part No.	Description	Type	Qty	Price
B362827-5	22mm	Small	5	<a href="#">£20.02</a>
B136946-5	25mm	Regular	5	<a href="#">£21.08</a>
B362835-2	30mm	Heavy Duty	2	<a href="#">£9.60</a>

## F Type Couplings



Part No.	Description	Type	Qty	Price
B362825-5	26.6mm	Small	5	<a href="#">£36.72</a>
B136949-5	31mm	Regular	5	<a href="#">£31.44</a>
B362833-2	36.3mm	Heavy Duty	2	<a href="#">£16.12</a>

## Y Type Couplings



Part No.	Description	Type	Qty	Price
B362826-5	46.9mm	Small	5	<a href="#">£24.93</a>
B136952-5	54.8mm	Regular	5	<a href="#">£27.47</a>

## 3-Way Block Couplings



Part No.	Description	Type	Qty	Price
B362828-2	24mm	Small	2	<a href="#">£10.04</a>
B362832-2	28mm	Regular	2	<a href="#">£10.34</a>
B362836-2	33mm	Heavy Duty	2	<a href="#">£11.78</a>

## 4-Way Block Connectors



Part No.	Description	Type	Qty	Price
B362831-2	29mm	Regular	2	<a href="#">£16.02</a>
B362838-2	34mm	Heavy Duty	2	<a href="#">£18.03</a>

## 4-way Block Couplings



Part No.	Description	Type	Qty	Price
B362830-2	28mm	Regular	2	<a href="#">£11.94</a>
B362837-2	33mm	Heavy Duty	2	<a href="#">£13.75</a>

## Male Union Connectors



Part No.	Side 1	Side 2	Qty	Price
B362869-5	Small	Small	5	<a href="#">£10.22</a>
B362870-5	Small	Regular	5	<a href="#">£24.54</a>
B362871-5	Regular	Regular	5	<a href="#">£28.50</a>
B362872-5	Regular	Heavy Duty	5	<a href="#">£37.66</a>
B362873-2	Heavy Duty	Heavy Duty	2	<a href="#">£16.22</a>

## Reducer



Part No.	Description	Qty	Price
B136954-5	Heavy Duty > Regular	5	<a href="#">£15.70</a>

## Test Point



Part No.	Type	Qty	Price
B136953-5	Regular	5	<a href="#">£17.37</a>

## Rotolock



Part No.	Description	Type	Qty	Price
B136956-5	18mm	Regular	5	<a href="#">£3.61</a>
B362868-5	20mm	Regular	5	<a href="#">£6.78</a>
B136957-5	22mm	Regular	5	<a href="#">£4.22</a>
B136958-5	28mm	Regular	5	<a href="#">£5.64</a>
B136959-5	22mm	Heavy Duty	5	<a href="#">£9.41</a>
B136960-5	28mm	Heavy Duty	5	<a href="#">£10.76</a>

## Push-In Plugs



Part No.	Description	Qty	Price
B362861-5	6 x 1mm	5	<a href="#">£2.91</a>
B136967-5	8 x 1mm	5	<a href="#">£2.99</a>
B362862-5	10 x 1/10 x 1.25/10 x 1.5mm	5	<a href="#">£3.32</a>
B136968-5	12 x 1.5mm	5	<a href="#">£3.49</a>
B362863-5	15 x 1.5mm	5	<a href="#">£8.89</a>
B362864-5	16 x 2mm	5	<a href="#">£9.28</a>

## PA-Tubes



Part No.	Tube	Length	Qty	Price
B028678	4 x 1mm	25m	1	<a href="#">£13.01</a>
B111790	6 x 1mm	25m	1	<a href="#">£20.05</a>
B111792	8 x 1mm	25m	1	<a href="#">£28.07</a>
B111793	9 x 1.5mm	25m	1	<a href="#">£35.07</a>
B111794	10 x 1mm	25m	1	<a href="#">£35.58</a>
B111796	12 x 1.5mm	25m	1	<a href="#">£52.33</a>
B111797	15 x 1.5mm	25m	1	<a href="#">£61.82</a>
B142374	16 x 2mm	25m	1	<a href="#">£93.13</a>

## Tube Release Tools



Part No.	Tube	Tube (inch)	Qty	Price
B136961-5	6 x 1mm	1/4"	5	<a href="#">£11.18</a>
B136962-5	8 x 1mm		5	<a href="#">£11.82</a>
B136963-5	10 x 1/10 x 1.25/10 x 1.5mm	3/8"	5	<a href="#">£14.58</a>
B136964-5	12 x 1.5mm	1/2"	5	<a href="#">£11.76</a>
B136965-5	15 x 1.5mm		5	<a href="#">£15.02</a>
B136966-5	16 x 2mm	5/8"	5	<a href="#">£12.53</a>

## Professional Tube Release Tools



Part No.	Tube	Tube (inch)	Qty	Price
B332370	6 x 1mm	1/4"	1	<a href="#">£63.79</a>
B332369	8 x 1mm		1	<a href="#">£62.85</a>
B362735	10mm	3/8"	1	<a href="#">£65.07</a>
B332368	12 x 1.5/10 x 1.25/10 x 1.5mm	1/2"	1	<a href="#">£65.33</a>
B362814	15 x 1.5mm		1	<a href="#">£68.20</a>
B362815	16 x 2mm	5/8"	1	<a href="#">£76.73</a>

## External Circlip Pliers



Part No.	Description	Qty	Price
B001412	19-60mm 90° Circlip Pliers External	1	<a href="#">£17.40</a>

## Hose Cutter & Blades

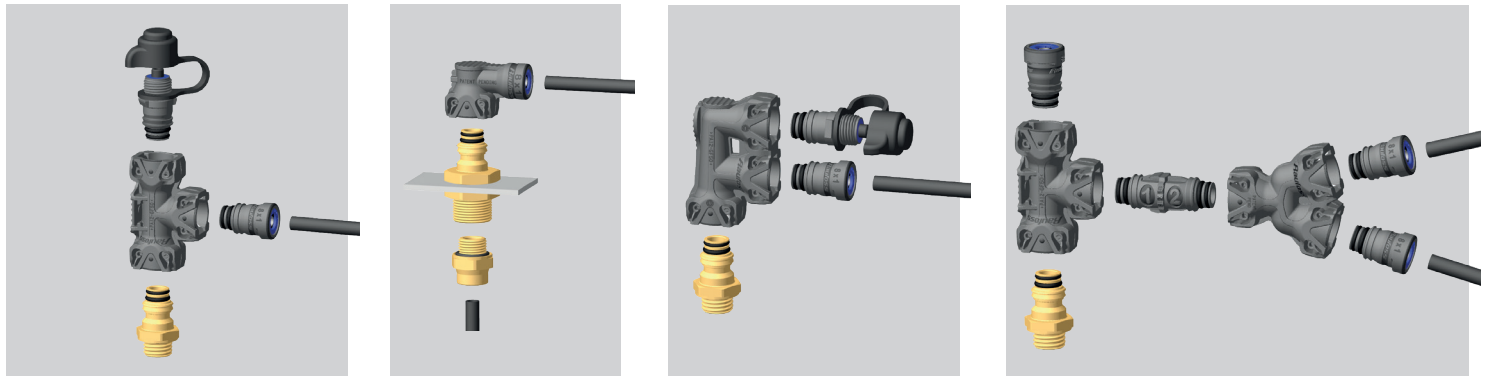


Part No.	Description	Qty	Price
B113063	255mm Hose Cutter	1	<a href="#">£21.51</a>
B145178	Replacement Blades for Hose Cutter	1	<a href="#">£8.83</a>






## Possible Combinations

The starting point of the ABC assembly is a matching brass connecting piece. This connection piece is necessary wherever a thread is attached (e.g. on the brake cylinder, air tank, accessories) then the individual modular assembly takes place.



## Components of the ABC™ System

Depending on the required amount of air the system offers three different sizes:

Small	Regular	Heavy Duty
 <p>Tube dimensions: 6 x 1 mm 8 x 1 mm</p> <p>Application: Mainly in the cabin of truck and bus</p> <p>Ø 14.8mm</p>	 <p>Tube dimensions: 6 x 1 – 12 x 1.5 mm</p> <p>Application: Truck, bus and trailer</p> <p>Ø 17.3mm</p>	 <p>Tube dimensions: 12 x 1.5mm 15 x 1.5mm 16 x 2mm</p> <p>Application: Truck, bus and trailer</p> <p>Ø 20.3mm</p>

## Advantages compared to standard systems

- European system for trucks, trailers and buses
- Very simple push-in installation with quick couplings
- Two-step installation with built-in safety
- Acoustic assembly control (acoustic signal in case of leakage)
- Weight reduction of up to 83% by using plastic instead of brass parts
- Only 2 parts needed to make an assembly
- Flexible application options
- Reusable by simple disassembly



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