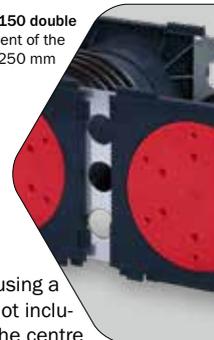




KRASO® Spacer 40 mm for KDS 150 double wall penetration for the enlargement of the centre distance from 210 mm to 250 mm



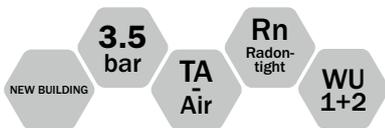
KRASO® Cable Penetration KDS double wall penetration **LG 1**

cable penetration system for concreting, with plug-in system on both sides for forming packages, for the later installation of media lines using a **KRASO® System Sealing Insert** (not included in the scope of supply) or for connecting empty pipe hoses using **KRASO® System Cover** (not included in the scope of supply). Optionally available: **KRASO® Spacer 40 mm for KDS 150 double wall penetration** for the enlargement of the centre distance from 210 mm to 250 mm | **DafStB waterproof concrete guideline: stress class 1 + 2**

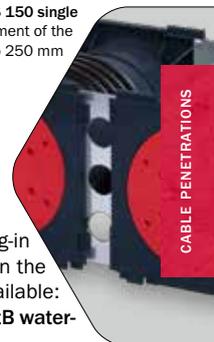
Type / Item	KRASO® KDS double wall penetration											
Available standard wall thicknesses in cm	12	15	17.5	20	24	25	30	35	36.5	40	45	50
KRASO® KDS 90 double wall penetration	34 €											
KRASO® KDS 150 double wall penetration	39 €											
Surcharge per penetration: KRASO® Spacer 40 mm for KDS 150 double wall penetration	13 €											

Scope of supply: KRASO® Cable Penetration KDS 90 or 150 double wall penetration, 2 KDS closure covers •
Optionally available: **KRASO® Spacer 40 mm for KDS 150 double wall penetration**, factory-assembled

Further wall thicknesses available on request!



KRASO® Spacer 40 mm for KDS 150 single wall penetration for the enlargement of the centre distance from 210 mm to 250 mm



KRASO® Cable Penetration KDS single wall penetration **LG 1**

cable penetration system for concreting, with gas- and water pressure tight surrounding **KRASO® 4 Seal** and KDS closure covers, with plug-in system on one side for forming packages, for the later installation of media lines using a **KRASO® System Sealing Insert** (not included in the scope of supply) or for connecting empty pipe hoses using **KRASO® System Cover** (not included in the scope of supply). Optionally available: **KRASO® Spacer 40 mm for KDS 150 single wall penetration** for the enlargement of the centre distance from 210 mm to 250 mm | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® KDS single wall penetration													
Available standard wall thicknesses in cm	6 ^{1,2}	7 ²	10 ²	15	17.5	20	24	25	30	35	36.5	40	45	50
KRASO® KDS 90 single wall penetration	29 €													
KRASO® KDS 150 single wall penetration	34 €													
Surcharge per penetration: KRASO® Spacer 40 mm for KDS 150 single wall penetration	9 €													

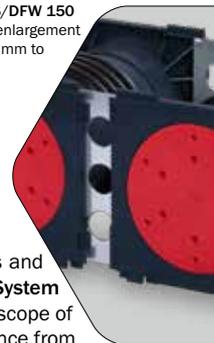
¹ Only for KRASO® Cable Penetration KDS 90 single wall penetration, ² For technical production reasons partly KRASO® 2 Seal

Scope of supply: KRASO® Cable Penetration KDS 90 or KDS 150 single wall penetration, KDS closure cover, **KRASO® Cover** as an installation aid •
Optionally available: **KRASO® Spacer 40 mm for KDS 150 single wall penetration**, factory-assembled

Further wall thicknesses available on request!



KRASO® Spacer 40 mm for KDS/DFW 150 double wall penetration for the enlargement of the centre distance from 210 mm to 250 mm



KRASO® Cable Penetration KDS/DFW double wall penetration **LG 1**

cable penetration system for installation into triple walls, with gas- and water pressure tight surrounding **KRASO® 2 Seal** on both sides and 2 KDS closure covers, with plug-in system on both sides for forming packages, for the later installation of media lines using a **KRASO® System Sealing Insert** (not included in the scope of supply) or for connecting empty pipe hoses using **KRASO® System Cover** (not included in the scope of supply). Optionally available: **KRASO® Spacer 40 mm for KDS/DFW 150 double wall penetration** for the enlargement of the centre distance from 210 mm to 250 mm | **DafStB waterproof concrete guideline: stress class 1 + 2**

Type / Item	KRASO® KDS/DFW double wall penetration											
Available standard wall thicknesses in cm	15	17.5	20	24	25	30	35	36.5	40	45	50	
KRASO® KDS/DFW 90 double wall penetration	34 €											
KRASO® KDS/DFW 150 double wall penetration	39 €											
Surcharge per penetration: KRASO® Spacer 40 mm for KDS/DFW 150 double wall penetration	13 €											

Scope of supply: KRASO® Cable Penetration KDS/DFW 90 or KDS/DFW 150 double wall penetration, 2 KDS closure covers •
Optionally available: **KRASO® Spacer 40 mm for KDS/DFW 150 double wall penetration**, factory-assembled

Further wall thicknesses available on request!