



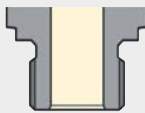
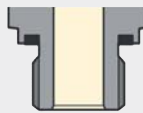
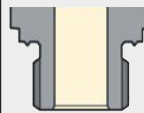
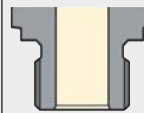
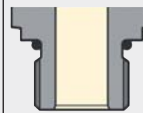
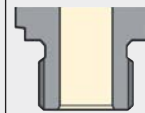
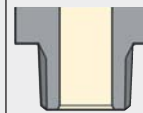
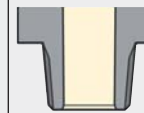
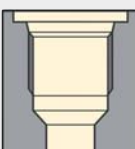
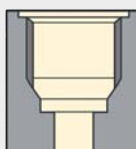
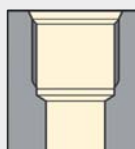
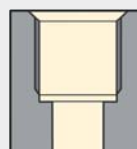
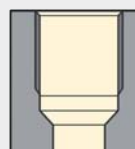
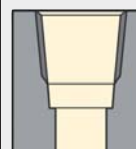
Data sheet – Screw-in connectors



Data sheet - Screw-in connectors

Classification of existing screw-in studs to the matching threads of the tapped holes:

- of components according to E DIN EN 12514-1:2009 and heating oil systems according to DWA-A 791-1 (TRwS);
- of smooth pipe connectors according to DIN 3387-1 in the DVGW gas area.

Thread		• Cylindrical pipe thread G according to EN ISO 228-1 • Cylindrical metric thread M according to DIN 13-5, DIN 13-6, DIN 13-7 and ISO 261						Pipe thread R - Rp ^{a)} according to DIN 3859 ^{b)}	Cone-shaped thread NPT according to ANSI B 1.20.1-1983
		G + M	G + M	G + M	G 3/8	M	G	R - Rp	NPT
GOK designation		GERA	GERD	GERB	GERA GERB	-	GERA GERB	GERK WERK TERK	GENPT WENPT
Screw-in stud	Standard	• DIN 3852-1 DIN 3852-2 form A • prEN 12514-4:2009: C.2	• DIN 3852-11 form E • EN ISO 1179-2 form E • EN ISO 9974-2 type E	• DIN 3852-1 DIN 3852-2 form B • EN ISO 1179-4 form B • EN ISO 9974-3 type B	• DIN 3852-2 form A • EN ISO 1179-3 form H • EN ISO 1179-4 form B • prEN 12514-4:2009: C.2	• ISO 6149-3	• DIN 3852-2 form A • EN ISO 1179-3 form H • EN ISO 1179-4 form B	• DIN 3852-2 form C	• DIN 3866
	Figure								
Seal	Standard	Sealing ring metal according to: • DIN 7603 • prEN 12514-4:2009: C.3	Profile sealing ring according to: • DIN 3869 • EN ISO 1179-2 • EN ISO 9974-2	Metal sealing edge	O ring according to: • prEN 12514-4 Figure D.2	O ring according to: • ISO 6149-2	O ring according to: • DIN 4811: Figure A.2	With additional sealing material according to: • EN 751	
	Figure								
Tapped hole	Standard	• DIN 3852-1 or DIN 3852-2 form X or Y • EN ISO 1179-1 form N or W • EN ISO 9974-1			• prEN 12514-4:2009: Figure D.2	• ISO 6149-1	• DIN 4811: Figure A.2	• DIN 3852-2 form Z	
	Figure								

a) Whitworth thread for pipe fittings or pipe threads for thread-sealing connections:

Cone-shaped male thread R according to DIN 3858 or EN 10226-1 and cylindrical female thread Rp according to DIN 3858 or EN 10226-1:

b) The following pairs are permitted:

- Screw-in connectors, form C according to DIN 3852-2 standard design in tapped holes, form Z standard design according to DIN 3852-2;
- Screw-in connectors, form C according to DIN 3852-2 short design in tapped holes, form Z standard design according to DIN 3852-2;
- Screw-in connectors, form C according to DIN 3852-2 short design in tapped holes, form Z short design according to DIN 3852-2;
- Screw-in connectors, form C according to DIN 3852-2 standard and short design in tapped holes, form Z, but with female thread according to EN 10226-1 to PS 16 bar;
- Screw-in connectors, form C according to DIN 3852-2 with male thread according to EN 10226-1 in tapped holes, form Z, but with female thread according to EN 10226-1 to PS 16 bar.

Smooth pipe connectors with screw-in stud apart from screw-in connectors, form C with thread according to EN 10226-1 may not be used in installations according to the DVGW work sheet G 600 (TRGI) or TRF.