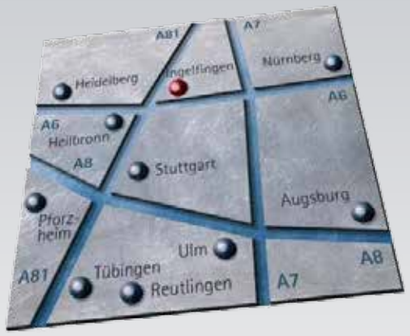
REISSER-Schraubentechnik GmbH is your partner in the field of fastening technology with a history of more than 90 years.
For customers all over the world.

We develop and produce screws for industrial lightweight applications, for the roof + wall + solar segment as well as for plastic joining , wood applications and the different types of industries.

REISSER-Schraubentechnik is one of the leading stainless steel screw manufacturers in Europe. The REISSER profile is complemented by its own electroplating plant with first-class surface design.

We look forward to your visit.



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Your application,
our screw
– that works!

REISSER DRG

REISSER DRG (die-casting screw) especially developed for light metal die-casting connections

- High extraction torque
- High overturning torque
- Low screw-in torque due to asymmetrical thread
- Excellent setting of screw due to special geometry of the joint

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10/2013

DRG - die-casting screw

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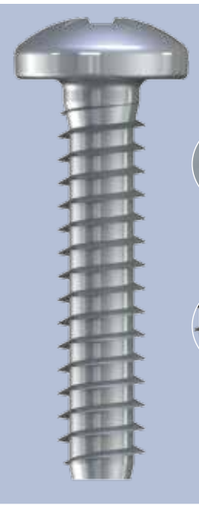
REISSER DRG – REISSER DRG especially developed for light metal die casting connections

The REISSER DRG ensures safe and easy assembly in drilled, pierced and cast holes. The screw forms thread itself so therefore no further working pocess is necessary. Repeat assemblies can be carried out without difficulty.

Application:

- Components made of light metal die casting (especially aluminium- , magnesium- and zinc-alloys)
- Connenctions of high-strength thermoplastics



Advantages:

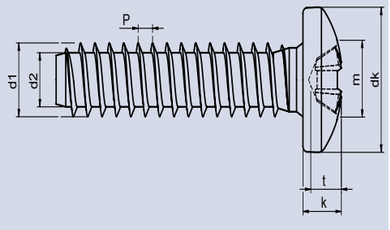
- High extraction torque
- High overturning torque
- Low screw-in torque
  → due to asymmetrical thread

- Excellent setting of screw
  → due to special geometry of the joint

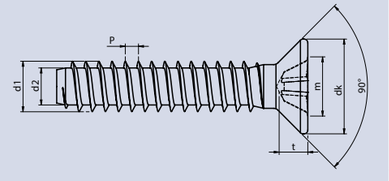
Recommendation for whole diameter for REISSER DRG

material	screw nominal diameter							screw-in depth [mm]
brinell hardness HB 5/250	2,50	3,00	3,50	4,00	5,00	6,00	8,00	
GD-AlSi12	2,35	2,80	3,25	3,70	4,70	5,60	7,55	3,0 - 6,0
GD-AlSi9Cu3	2,35	2,75	3,20	3,65	4,65	5,60	7,55	3,0 - 6,0
GD-ZnAl4Cu1	2,35	2,80	3,30	3,75	4,75	5,65	7,60	3,0 - 6,0

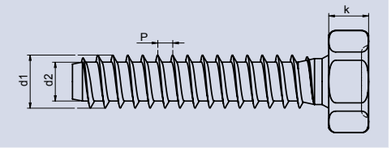
nominal - ø	d_1	2,50	3,00	3,50	4,00	5,00	6,00	8,00
thread core- ø	d_2	1,81	2,18	2,56	2,93	3,68	4,42	5,91
thread pitch	P	0,77	0,86	0,95	1,05	1,23	1,42	1,79



	head diameter	D_k	5,00	6,00	7,00	8,00	10,00	12,00	16,00
	height of head	k	2,00	2,40	2,70	3,10	3,80	4,60	6,00
RN DRG1	PZD dimension / width	m	1 / 2,6	1 / 3,0	2 / 4,0	2 / 4,3	2 / 5,0	3 / 6,7	4 / 8,8
	penetration depth	t min	1,27	1,68	1,65	1,90	2,64	3,02	4,06
		t max	1,52	1,93	2,11	2,36	3,10	3,48	4,52
RN DRG2	PH dimension / width	m	1 / 2,7	1 / 3,1	2 / 4,2	2 / 4,6	2 / 5,3	3 / 6,8	4 / 9,0
	penetration depth	t min	1,30	1,70	1,74	2,04	2,77	3,03	4,18
		t max	1,60	2,00	2,24	2,54	3,27	3,53	4,68
RN DRG3	TX	dimension	8	10	15	20	25	30	40
	penetration depth	t min	0,9	1	1,2	1,4	1,6	2	2,7
		t max	1,15	1,3	1,5	1,8	2	2,4	3,2



	head diameter	D_k	4,70	5,60	6,50	7,50	9,20	11,00	14,50
RN DRG4	PZD dimension / width	m	1 / 2,5	1 / 2,8	2 / 3,7	2 / 4,0	2 / 4,4	3 / 6,1	4 / 8,5
	penetration depth	t min	1,22	1,48	1,34	1,60	2,05	2,46	3,86
		t max	1,47	1,73	1,80	2,06	2,51	2,92	4,32
RN DRG5	PH dimension / width	m	1 / 2,7	1 / 2,9	2 / 3,9	2 / 4,4	2 / 4,6	3 / 6,6	4 / 8,7
	penetration depth	t min	1,25	1,50	1,40	1,90	2,10	2,80	3,90
		t max	1,55	1,80	1,90	2,40	2,60	3,30	4,40
RN DRG6	TX	dimension	8	10	15	20	25	30	40
	penetration depth	t min	0,70	0,70	1,20	1,20	1,30	1,70	2,40
		t max	0,95	1,05	1,55	1,70	1,80	2,15	2,90



RN DRG7	width across flat	SW	5,00	5,50	6,00	7,00	8,00	10,00	13,00
	height of head	k	1,70	2,00	2,40	2,80	3,50	4,00	5,30

Different dimensions and performances on request.