























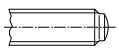

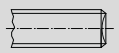
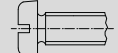
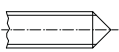
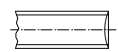
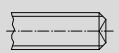
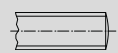
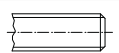
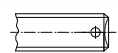

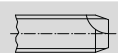

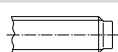


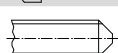


## Product information: Head shapes, drive features and ends of externally threaded fasteners

**Table 1: Drive features**

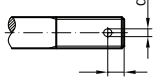
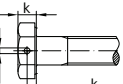
Slot		Hexalobular socket (TORX)		Triangle	
Phillips cross recess H		Triple square socket		Hexalobular (TORX)	
Pozidriv cross recess Z		12 point socket		Triple square	
Supradriv cross recess		Torque set		Hexagon with slot	
Cross recess combi H+		Tri - Wing		Theft resistant drives	
Cross recess combi Z+		Hi torque			
Square socket		Hexagon			
Hexagon socket		Square			

**Table 2: Ends of externally threaded fasteners**

Description	New name	Old name	Picture (example)	Description example	Description	New name	Old name	Picture (example)	Description example
Short dog point with rounded end (DIN 962)	Ak	Ak		DIN* - M12 x 50 - Ak - 8.8	Pilot point, flat (ISO 4753)	PF	PF		DIN* - M12 x 50 - PF - 8.8
Chamfered end (ISO 4753)	CH	K		DIN* - M12 x 50 - CH - 8.8	Thread undercut (DIN 76-1)	Ri	Ri		DIN* - M12 x 50 - Ri - 8.8
Cone point (ISO 4753)	CN	CN		DIN* - M12 x 50 - CN - 8.8	as-rolled end (ISO 4753)	RL	Ko		DIN* - M12 x 50 - RL - 8.8
Cup point (ISO 4753)	CP	Rs		DIN* - M12 x 50 - CP - 8.8	rounded end (ISO 4753)	RN	L		DIN* - M12 x 50 - RN - 8.8
Flat point (ISO 4753)	FL	Ks		DIN* - M12 x 50 - FL - 8.8	Split pin hole (DIN 962/34803)	S	S		DIN* - M12 x 50 - S - 8.8
Long dog point (ISO 4753)	LD	Za		DIN* - M12 x 50 - LD - 8.8	Scrape point (ISO 4753)	SC	Sb		DIN* - M12 x 50 - SC - 8.8
Pilot point with truncated cone (ISO 4753)	PC	PC		DIN* - M12 x 50 - PC - 8.8	Short dog point (ISO 4753)	SD	Ka		DIN* - M12 x 50 - SD - 8.8
Short dog point with truncated cone (DIN 962)	Asp	Asp		DIN* - M12 x 50 - Asp - 8.8	Wire hole (DIN 962/34803)	SK	SK		DIN* - M12 x 50 - SK - 8.8
					Truncated cone point (ISO 4753)	TC	Sp		DIN* - M12 x 50 - TC - 8.8

\* product standard

**Table 3: Dimensions for split pin holes (S) and wire holes (SK)**

Thread $\varnothing$ M		3	4	5	6	7	8	10	12	14	16	18	20	22	24	27	30	33	36
<b>Pin holes S*</b> (DIN 962 / 34803) 	$d_1$	0.8	1	1.2	1.6	1.6	2	2.5	3.2	3.2	4	4	4	5	5	5	6.3	6.3	6.3
	$l_e$	2	2.2	2.6	3.3	3.3	4	5	6	6.5	7	7.7	7.7	8.7	10	10	11.3	11.3	12.5
<b>Wire holes SK*</b> (DIN 962 / 34803) 	$d_1$	-	1.2	1.2	1.6	1.6	2	2	2	2	3	3	3	3	3	3	3	4	4
	* Position tolerance $t = 2$ IT13 (PK A), 2 IT14 (PK B), 2 IT15 (PK C)																		
<b>Dimensions for slots**</b>	~	0.8	1	1.2	1.6	1.6	2	2.5	3	3	4	** The position of the slot at the corners of the hexagon or square is optional							